

Silverton Wind Farm Works: Operational Heritage management plan

Prepared for GE Renewable Energy

28 September 2021

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- Catherine Powers, GE
- Alana Philp, GE

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- Dr Amanda Markham (reporting)
- Sonika Kumar (mapping)
- Lauren Harley (mapping)

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Contents

Glossary ..... **v**

1 Introduction **6**

1.1 Project background 6
1.2 Study area 7
1.3 General scope of works 7
1.4 Purpose and objectives 8
1.5 Heritage management plan conditions 9
1.6 Contributors 12

2 Environmental requirements **34**

2.1 Relevant legislation and guidelines 34
2.2 Commitment to Cultural Heritage Preservation 34
2.2.1 Tangible Aboriginal Cultural Heritage 35
2.2.2 Intangible Aboriginal Cultural Heritage 35
2.2.3 Statutory 35
2.2.4 Values 35

3 Existing environment **36**

3.1 Aboriginal cultural heritage 36
3.2 Non-Aboriginal heritage 36

4 Environmental aspects and impacts **39**

4.1 Aboriginal heritage impacts 39
4.1.1 Sites salvaged during construction works 39
4.1.2 Aboriginal site impact inventory 42
4.2 Non-Aboriginal heritage impacts 87

5 Environmental mitigation measures **88**

5.1 Operational related measures 88
A procedure to protect Aboriginal heritage sites within the Project disturbance area 88
5.2 General Operational Requirements 89
5.2.1 Protocol 1: Specific protections for heritage items listed in Table 3 of CoC MOD3 89
5.2.2 Protocol 2: Heritage inductions for all employees, contractors and sub-contractors working in the Project area 90
5.2.3 Protocol 3: Procedure to protect Aboriginal heritage sites within the Project disturbance area 90
5.2.4 Protocol 4: Procedure to protect Aboriginal heritage sites outside the Project disturbance area 90
5.2.5 Protocol 5: Contingency plan if Aboriginal heritage items outside the approved disturbance area are damaged 90

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5.2.6 Protocol 6: A strategy for the long term management of Aboriginal heritage items or material salvaged in accordance with this HMP and with the Code of practice (DECCW, 2010) 90
5.2.7 Protocol 7: A strategy for maintaining and managing reasonable access for Aboriginal stakeholders to Aboriginal heritage items located within the Project area throughout the operational life of the Project 91
5.2.8 Protocol 8: A strategy for ongoing consultation with Aboriginal stakeholders regarding the management and conservation of Aboriginal cultural heritage throughout the operational life of the Project 93
5.2.9 Protocol 9: Procedure to protect non-Aboriginal heritage sites within the Project disturbance area 93
5.2.10 Protocol 10: Procedure to protect non-Aboriginal heritage sites outside the Project disturbance area 94
5.2.11 Protocol 11: Contingency plan if non-Aboriginal heritage items outside the approved disturbance area are damaged 94
5.2.12 Protocol 12: Photographic and archival recording of all non-Aboriginal heritage items that would be affected by the Project 94
5.2.13 Protocol 13: Procedure for undertaking additional archaeological investigations and/or salvage measures to non-Aboriginal heritage items. 94
5.3 UNEXPECTED/CHANCE FINDS REQUIREMENTS 95
5.3.1 Protocol 14: Procedure to follow in the event of the discovery of human remains 95
5.3.2 Protocol 15: Procedure to follow in the event of chance/unexpected Aboriginal finds 95
5.3.3 Protocol 16: Procedure to follow in the event of unexpected non-Aboriginal finds 95

6 Compliance management 97

6.1 Roles and responsibilities 97
6.2 Record keeping 97
6.3 Incidents 97
6.4 Auditing 98
6.5 Regular reporting 98
6.6 Public access to information 98

7 Training and Awareness 100

8 Review and improvement 101

8.1 Continuous improvement 101
8.2 HMP update and amendment 101
8.2.1 Minor permissible amendments 102
8.3 Revision of HMP 102

References 103

Appendix A Identifying Aboriginal objects and site types 104

Appendix B Resume of report author 108

Appendix C Community consultation 109

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Aboriginal consultation 109
CHMP update 2021 109
Non-Aboriginal consultation 109
CHMP update 2021 109
Appendix D Chance/Unexpected Aboriginal Finds Protocol 110
Appendix E Aboriginal Cultural Heritage Sites Gazetteer 112
Appendix F AHIMS Sites in the Project Area 113
Appendix G Non-Aboriginal Sites Gazetteer 114

Tables

Table 1 Heritage management plan conditions 9
Table 2 Non-Aboriginal heritage sites associated with the project 36
Table 3 Salvaged or Impacted Sites 39
Table 4 Aboriginal site management inventory 43
Table 5 Operational related measures 88
Table 6 Heritage items listed in CoC 20 MOD3 89
Table 7 Roles and responsibilities and contact details 97

Figures

Figure 1 Location of the study area 13
Figure 2 Impact areas 14
Figure 3 Location of heritage sites and no-go areas 15
Figure 4 AHIMS Sites 24
Figure 5 GE Silverton Windfarm – Windfarm Access Policy Statement 92

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Glossary

ACHA	Aboriginal cultural heritage assessment
CoC	Conditions of Consent
Code	*Code of practice for archaeological investigation of Aboriginal objects in New South Wales*
DP	Deposited Plan
DPE	Department of Planning and Environment
EA	Environmental Assessment
EP&A Act	*Environmental Planning and Assessment Act 1979*
EPBC Act	*Environment Protection Biodiversity Conservation Act 1999*
Heritage NSW	Heritage NSW, Department of Premier and Cabinet (including NSW Heritage Council)
HMP	Heritage Management Plan
ICOMOS	International Council on Monuments and Sites
LEP	Local Environmental Plan
LGA	Local Government Area
MOD	Notice of Modification
NPW Act	*National Parks and Wildlife Act 1974*
OEH	Office of Environment and Heritage including NSW Heritage Council (now Heritage NSW)
RAP	Registered Aboriginal party
SEARs	Secretary's Environmental Assessment Request
The code	*Code of practice for archaeological investigation of Aboriginal objects in NSW*

1 Introduction

This Heritage Management Plan (HMP) manages the impacts to Aboriginal and non-Aboriginal heritage during the operation of the Silverton Wind Farm Works ('the project'). This HMP has been prepared to address the requirements of the Notice of Modification (MOD 3), issued on behalf of the Minister for Planning on 22 December 2016. It is intended to effect the operational phase of the Project.

1.1 Project background

The Silverton Wind Farm is located approximately 5 kilometres north of Silverton and 25 kilometres northwest of Broken Hill in the far west of NSW. The Silverton Wind Farm was approved by the then Minister for Planning in May 2009. The Wind Farm was declared to be a critical infrastructure project under the *Environmental Planning and Assessment Act 1979* (EP&A Act), as an energy generating development with the capacity to generate at least 250MW.

Project and Concept Approval was received in May 2009, pursuant to Part 3A of the EP&A Act. Further modification (MOD 3) was then approved in December 2016 in accordance with Clause 8J (8) of the *Environmental Planning and Assessment Regulation 2000* and the transitional arrangements of the EP&A Act. Approval was granted for the modifications to the project approval (08_022 MOD 3) and concept approval (08_0022MOD2) subject to the conditions set out in the instrument of approval. The detailed project history and compliance with conditions of consent is outlined in the Biodiversity Adaptive Management Plan BAMP (Biosis 2018).

An initial Aboriginal and non-Aboriginal heritage assessment for the Project was undertaken by Dibden in (Dibden 2008). In 2017, Ecology and Heritage Partners (EHP) undertook an additional Aboriginal and non-Aboriginal assessment for selected sections of access tracks, a substation, batching plant and several wind turbine locations (EHP 2017). One section of the Project Area (Area 7, refer Figure 2) was excluded from the 2017 assessment. It should be noted that a substantial number of both Aboriginal and non-Aboriginal heritage items were identified during both assessments.

Following this, EHP compiled two heritage management plans for the construction phases of the Project:

- *Silverton Wind Farm Works – Heritage Management Plan* (May 2017) , covering works to be undertaken between May 2017 and May 2018.
- *Silverton Wind Farm Works – Heritage Management Plan* (February 2018), covering works to be undertaken between May 2017 and July 2018.

The EHP HMP (EHP 2018) was completed in response to the final project design affecting Area 7 (Figure 2) to be finalised by GE Renewables, and pending response to the design from the Secretary of the Department of Planning and Environment (DPE).

Condition 21, subclauses (a) to (f) of the Project Approval (MOD 3) require that prior to the commencement of operations, the Proponent must prepare a HMP for the Project. This plan has been developed to satisfy that condition, and specifically covers the operational phase of the Project. Previous Heritage Management Plans exist as detailed above, covering the construction phases of the Project (EHP 2017, EHP 2018).

The Statement of Commitments (SoC) detailed in the project's Environmental Assessment (NGH Environmental 2008) also includes preparation and implementation of Cultural Management Protocols for both Aboriginal and non-Aboriginal heritage. The Statement of Commitments states that the Cultural Heritage Management Protocols be developed with input from Registered Aboriginal Parties (RAPs), including the local

Aboriginal Land Council, local Aboriginal stakeholders, (former) Department of Planning, (former) Department of Environment and Climate Change, and the (former) NSW Heritage Office.

This plan has been developed in consultation with:

- Department of Planning and Environment (now Department of Planning Infrastructure and Environment [DPIE])
- Office of Environment and Heritage (now Heritage NSW, Department of Premier and Cabinet [Heritage NSW])
- Broken Hill Local Aboriginal Land Council (BHLALC) (RAP)
- Wilyakali Aboriginal Corporation (RAP)
- Broken Hill Historical Society
- Silverton Village Committee.

There are 471 Aboriginal cultural heritage sites registered with the Aboriginal Heritage Information Management System (AHIMS) register, both within the site boundary as well as in the close vicinity. The Aboriginal community was consulted regarding the heritage management of the project throughout its lifespan. There are also 24 non-Aboriginal heritage items located within the site boundary as well as in the vicinity.

On 26 October 2017 the Minister for Planning issued Development Consent under Section 89E of the EP&A Act. Schedule 3, 20 and 21 of the CoC outline the requirements for Heritage; this plan satisfies those requirements.

1.2 Study area

The study area is located within the Broken Hill Local Government Area (LGA), Parish of Bray, County of Yancowinna (Figure 1). The study area is located on Wilyakali Country within the BHLALC boundary. The study area comprises approximately 4900 hectares located within the Unincorporated Area of the Western Land Division, administered by the Department of Lands, approximately 5 kilometres north of the town of Silverton. The tenure of the land is leasehold under authority of the *Western Lands Act 1901* and is currently used for stock grazing purposes.

1.3 General scope of works

The Project includes the ongoing maintenance and operation of:

- 58 3.4MW 130-metre-rotor wind turbines.
- Maintenance and access to underground and overhead electrical cabling, including trenching works.
- Ongoing use and maintenance of a substation.
- Ongoing access, use and maintenance of approximately 25 kilometres of transmission line between the wind farm site and Broken Hill.
- Ongoing use and maintenance onsite control room and equipment storage facilities.
- Ongoing use and maintenance of approximately 66 kilometres of internal access roads, comprising approximately 6 metres in width.

The electricity and associated environmental products generated from the project will be sold to one or more registered energy retailing organisations, large energy users (governmental or private) or to the National Electricity Market that is managed by the Australian Energy Market Operator (AMEO).

The project will have an estimated capacity in the order of 1000MW and comprises the following key components:

- A network of wind turbines.
- Electrical collection systems, switchyard and control room.
- A management hub, including demountable offices and amenities and equipment sheds.
- Parking and internal access roads.
- Easement and connection infrastructure.

The operational footprint is defined as the land area within the site where project infrastructure will be constructed and operate for the project life. The operational footprint encompasses an area of approximately 50 hectares, which has been refined through the project design process to avoid environmental constraints (primarily remnant vegetation and Aboriginal heritage) (Figure 2).

1.4 Purpose and objectives

The purpose of this HMP is to describe how Aboriginal and non-Aboriginal heritage will be protected and managed by GE Renewables during the operational life of the Project. The key objective of the HMP is to ensure that impacts to Aboriginal and non-Aboriginal heritage are minimised and within the scope permitted by the Project Approval. Specific objectives include:

- Updated baseline mapping of the Aboriginal and non-Aboriginal heritage items within and adjoining the operational Project area, as listed in Appendix 6 of the MOD 3.
- A description of the measures that would be implemented for:
  - Managing the discovery of human remains or previously unidentified heritage items.
  - Conducting further archaeological and heritage assessment in any disturbance areas where this assessment has not already been carried out.
  - Ensuring any workers on site receive suitable heritage inductions prior to carrying out any work on site.
- Maintain and manage reasonable access for Aboriginal stakeholders to heritage items on site.
- Provide for ongoing consultation with Aboriginal stakeholders in the conservation and management of Aboriginal cultural heritage on site.

The HMP must include the following for the management of Aboriginal heritage:

- A description of the measures that would be implemented to:
  - Protect the heritage items outside the project disturbance area.
  - Minimise and manage the impacts of the project on heritage items within the disturbance area, including:
    - Any proposed archaeological investigations and/or salvage measures.

        - A strategy for the long-term management of any items or material that are collected during any of these archaeological or works.
    - Monitor and report on the effectiveness of any mitigation measures and any heritage impacts of the project.
    - Maintain and manage reasonable access for Aboriginal stakeholders to heritage items on site.
    - Provide for ongoing consultation with Aboriginal stakeholders in the conservation and management of Aboriginal cultural heritage on site.

The HMP must include the following for the management of non-Aboriginal heritage:

- A description of the measures that would be implemented to:
    - Protect the heritage items outside the project disturbance area.
    - Minimise and manage the impacts of the project on heritage items within the disturbance area, including:
        - Archaeological test excavations or salvage of all sites of local significance in accordance with the NSW Heritage Manual.
        - Photographic and archival recording of all heritage items that would be affected by the project.
    - Monitor and report on the effectiveness of these measures and any heritage impacts of the project.

This HMP must be read in conjunction with the following documents:

- Silverton Wind Farm NSW Stage 1 – Aboriginal Heritage and Non Indigenous Heritage Assessment: Volume 1, Prepared for NGH Environmental Pty Ltd (Dibden 2008)
- Silverton Wind Farm Works - Aboriginal Cultural Heritage Assessment (EHP 2017).

1.5 Heritage management plan conditions

The conditions of relating to the heritage management plan were set out in Section 20 and Section 21 of the Conditions of Consent - MOD 3. Responses to these conditions and their location within this document are below in Table 1 below.

Table 1 Heritage management plan conditions

CoC	Description	Location within HMP
3	**Revision of Strategies, Plans and Programs**	
	Within 3 months of the submission of:	
	(a) An incident report under condition 5 below;	Section 6.3
	(b) An audit report under condition 7 below; or	Section 6.4
	(c) Any modification to the conditions of this approval (unless the conditions require otherwise), the Proponent must review and, if necessary, revise the strategies, plans and programs required under this approval to the satisfaction of the Secretary. Where this review leads to revisions in any such	Section 8.3

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CoC	Description	Location within HMP
	document, then within four weeks of the review the revised document must be submitted to the Secretary for approval.	
5		
	The Proponent shall immediately notify the Secretary and any other relevant agencies of any incident that has caused, or threatens to cause, material harm to the environment. For any other incident associated with the project, the Proponent shall notify the Secretary and any other relevant agencies as soon as practicable after the Proponent becomes aware of the incident. Within seven days of the date of the incident, the Proponent shall provide the Secretary and any relevant agencies with a detailed report on the incident, and such further reports as may be requested.	Section 6.3
6		
	The Proponent must provide regular reporting on the environmental performance of the project on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this approval.	Section 6.5
7		
	Within one year of the commencement of construction, and every three years thereafter, unless the Secretary directs otherwise, the Proponent must commission and pay the full cost of an Independent Environmental Audit of the project. This audit must: (a) Be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary; (b) Include consultation with the relevant agencies; (c) Assess the environmental performance of the project and assess whether it is complying with the requirements in this approval and any relevant EPL/s; (d) Review the adequacy of any approved strategy, plan or program required under the abovementioned approvals; and (e) Recommend measures or actions to improve the environmental performance of the project, and/or any strategy, plan or program required under these approvals.	Section 6.4
8		
	Within 3 months of commissioning this audit (as in 7 above), or as otherwise agreed by the Secretary, the Proponent must submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.	Section 6.4
9		

CoC	Description	Location within HMP
	The Proponent must: (a) make the following information publicly available on its website as relevant to the stage of the project: • The EA; • The final layout plans for the project; • Current statutory approvals for the project; • Approved strategies, plans or programs required under the conditions of this approval; • The proposed staging plans for the project if the construction, operation and/or decommissioning of the project is to be staged; • A comprehensive summary of the monitoring results of the project, which have been reported in accordance with the various plans and programs approved under the conditions of this approval; • A complaints register, which is to be updated on a monthly basis; • Minutes of CCC meetings; • The annual Statement of Compliance with the EPL; • Any independent environmental audit, and the Proponent's response to the recommendations in any audit; and • Any other matter required by the Secretary; and (b) keep this information up to date, to the satisfaction of the Secretary.	Section 6.6
20		
-	The Proponent must ensure the project does not cause any direct or indirect impact on the heritage items identified in Table 3 (refer CoC, MOD 3)	Section 5.2.1
21		
(a)	Be prepared by suitably qualified and experienced persons whose appointment has been endorsed by the Secretary.	Appendix B
(b)	Be prepared in consultation with Heritage NSW, Aboriginal stakeholders (in relation to Aboriginal heritage) and any local historical organisations (in relation to historical heritage).	Appendix C
(c)	Include updated baseline mapping of the heritage items on site (as listed in the figures and tables comprising Appendix 6 of the MOD).	Figure 3 Appendix E Appendix F Appendix G
(d)	A description of the measures that would be implemented for: • Managing the discovery of human remains or previously unidentified heritage items; • Conducting further archaeological and heritage assessment in any disturbance areas where this assessment has not already been carried out, and • Ensuring any workers on site receive suitable heritage inductions prior to carrying out any work on site.	Section 5.3.1 Section 5.3.2; Section 5.2.13 Section 5.2.2 Section 7 Appendix A

CoC	Description	Location within HMP
(e)	Include the following for the management of Aboriginal heritage: • Protect the heritage items outside the project disturbance area	Section 5.2.4 Section 5.2.5

	• Minimise and manage the impacts of the project on heritage items within the disturbance area, including:
	  ○ Any proposed archaeological investigations and/or salvage measures, and;
	  ○ A strategy for the long-term management of any items or material that are collected during any of these archaeological or works.
		Section 5.2.3
		Section 4.1
		Section 5.2.6

	• Monitor and report on the effectiveness of any mitigation measures and any heritage impacts of the project • Maintain and manage reasonable access for Aboriginal stakeholders to heritage items on site • Provide for ongoing consultation with Aboriginal stakeholders in the conservation and management of Aboriginal cultural heritage on site.	Section 8 Section 5.2.7 Section 5.2.8 Appendix C
(f)	Include the following for the management of historic heritage: • Protect the heritage items outside the project disturbance area	Section 5.2.10

	• Minimise and manage the impacts of the project on heritage items within the disturbance area, including:
	  ○ Archaeological test excavations or salvage of all sites of local significance in accordance with the NSW Heritage Manual; and
	  ○ Photographic and archival recording of all heritage items that would be affected by the project.
	• Monitor and report on the effectiveness of these measures and any heritage impacts of the project.
		Section 5.2.9
		Section 5.2.12
		Section 5.2.13
		Section 8

(g)	A chance finds procedure developed for the management of any unidentified non-Aboriginal heritage finds.	Section 5.3.3 Appendix D
(c)	A chance finds procedure developed in consultation with Heritage NSW and Aboriginal stakeholders for the management of any unidentified finds.	Appendix D

1.6 Contributors

This HMP was prepared by Dr Amanda Markham, Senior Archaeologist at Biosis Pty Ltd and reviewed by Taryn Gooley, NSW Heritage Manager. Dr Markham has been previously endorsed by the Secretary,

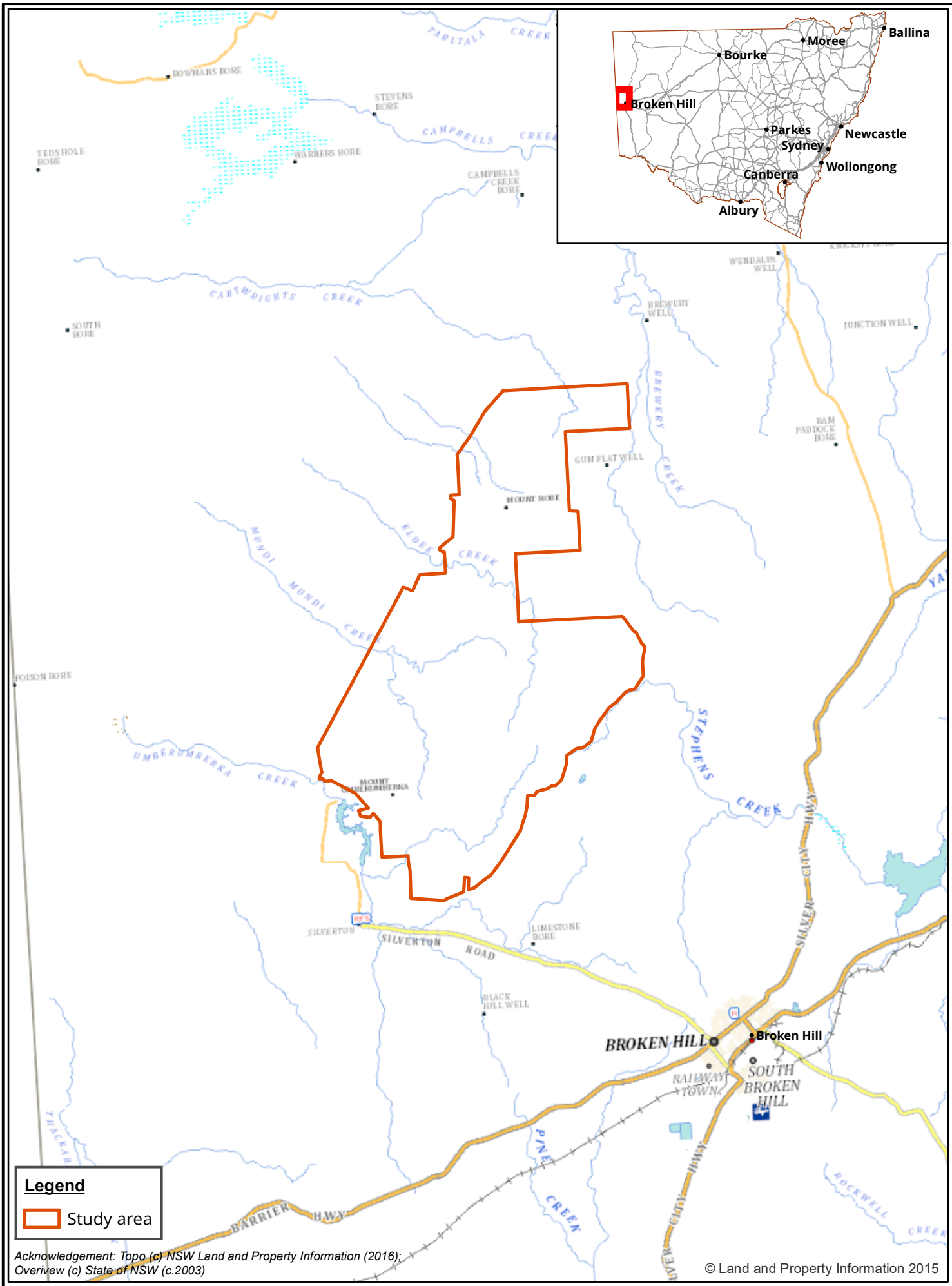


Figure 1: Location of the study area

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Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Matter: 25579
Date: 23 April 2018,
Checked by: SJK, Drawn by: LH, Last edited by: lwilson
Location:\\bio-data-01\matters$\26300s\26380\Mapping\

0 2,900 5,800 8,700 11,600
Metres
N
Scale 1:300,000 @ A4, GDA 1994 NSW Lambert

ROBE RANGE

MUNDI MUNDI RANGE

MAIN BARRIER RANGE

Silver City Highway



Legend

- Study area
- Construction footprint
- Historical sites

Figure 1.2: Impact areas

0 1,250 2,500 3,750 5,000 6,250

Metres
Scale: 1:125,000 @ A3
Coordinate System: GDA 1994 NSW Lambert

N

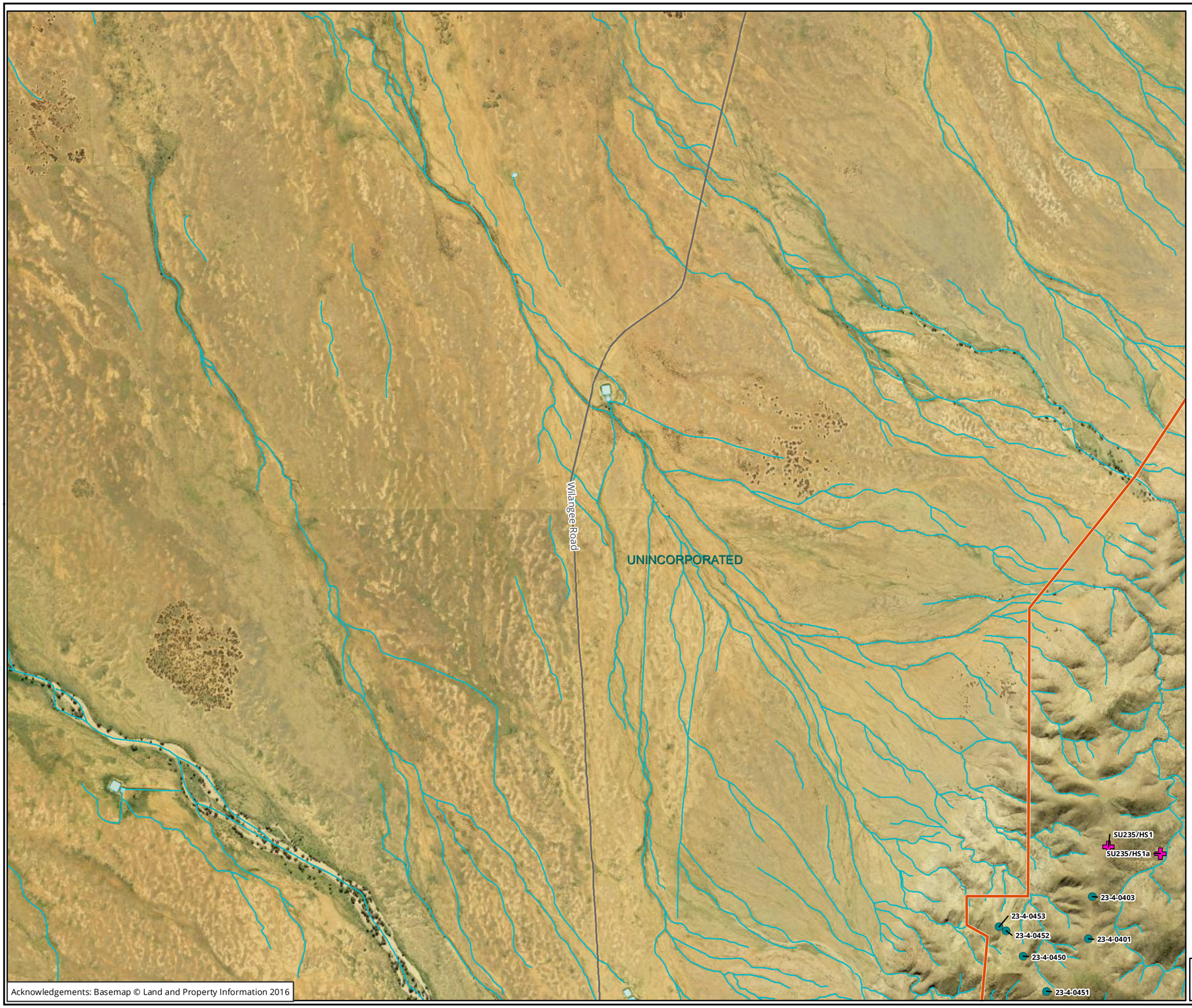
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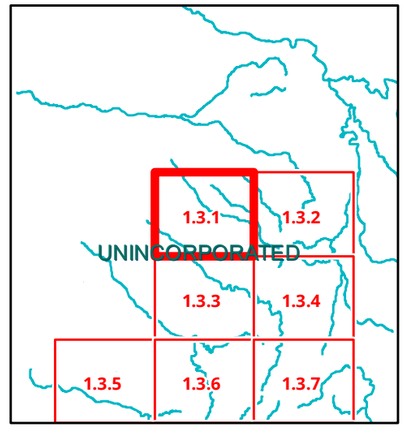
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Legend

- Study area
- AHIMS Sites
- Heritage sites - no harm or impact permitted

Figure 1.3.1: Location of Heritage sites and no-go areas

0 300 600 900 1,200 1,500

Metres

Scale: 1:30,000 @ A3

Coordinate System: GDA 1994 MGA Zone 54

N

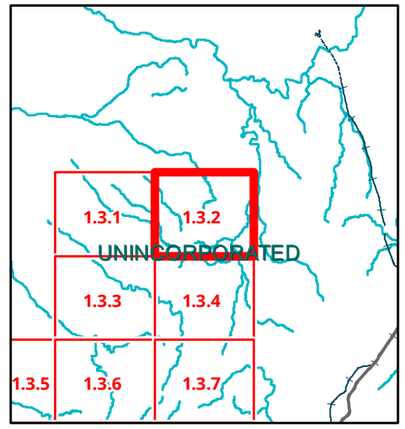
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Location:P:\26300s\26380\Mapping
26380_HMP_F3_NoGoZones_w

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Legend

- Study area
- AHIMS Sites
- Heritage sites - no harm or impact permitted

No go zones

- Required

Figure 1.3.2: Location of Heritage sites and no-go areas

0 300 600 900 1,200 1,500

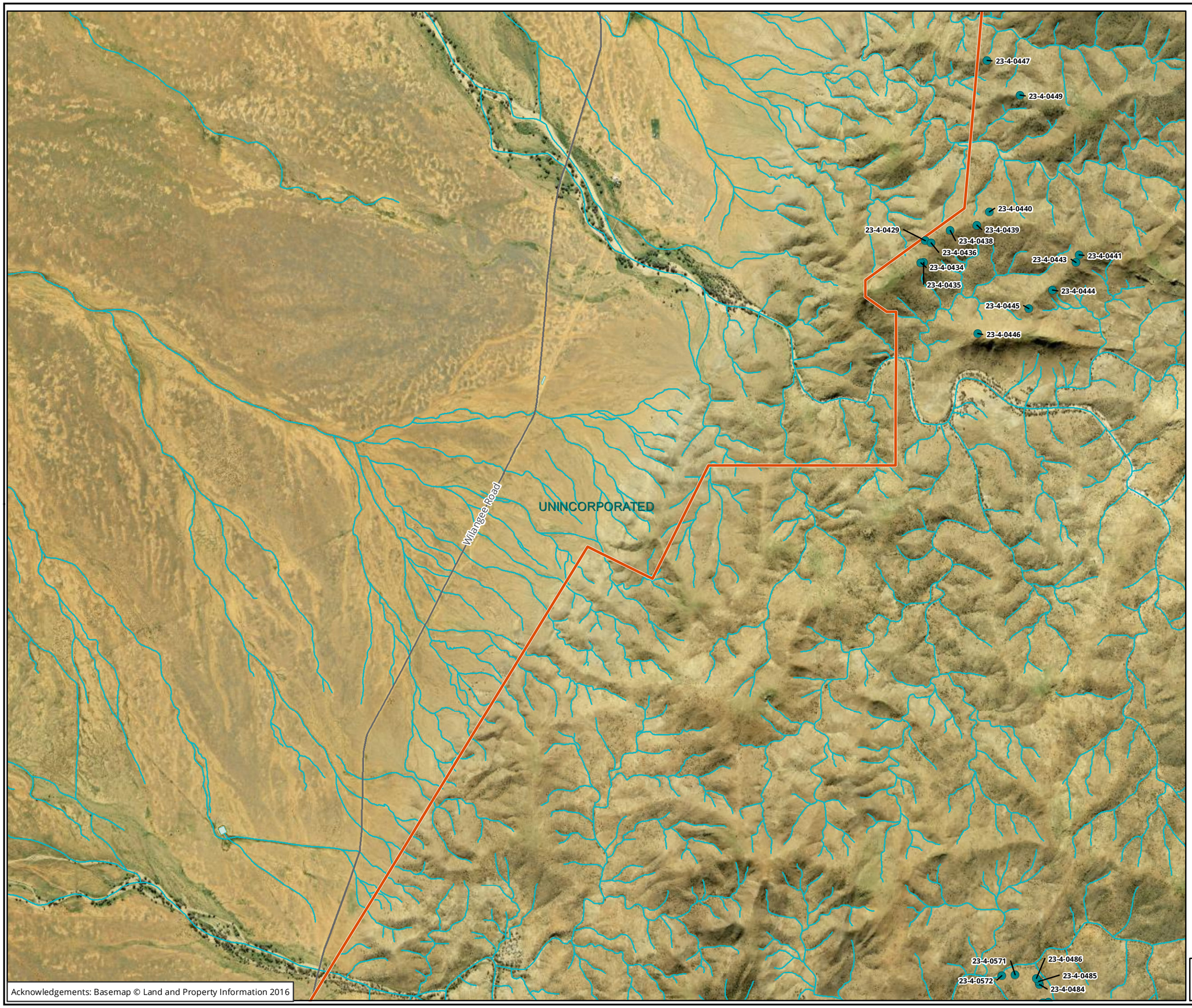
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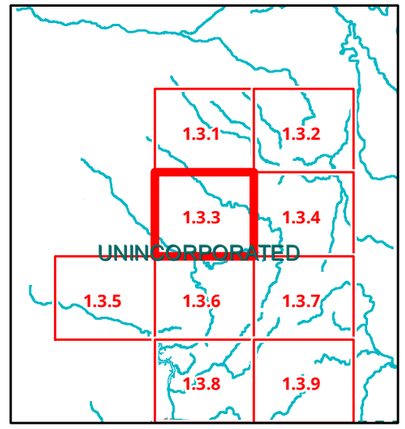
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26380_HMP_F3_NoGoZones_w





Legend

- Study area
- AHIMS Sites

Figure 1.3.3: Location of Heritage sites and no-go areas

0 300 600 900 1,200 1,500

Metres

Scale: 1:30,000 @ A3

Coordinate System: GDA 1994 MGA Zone 54

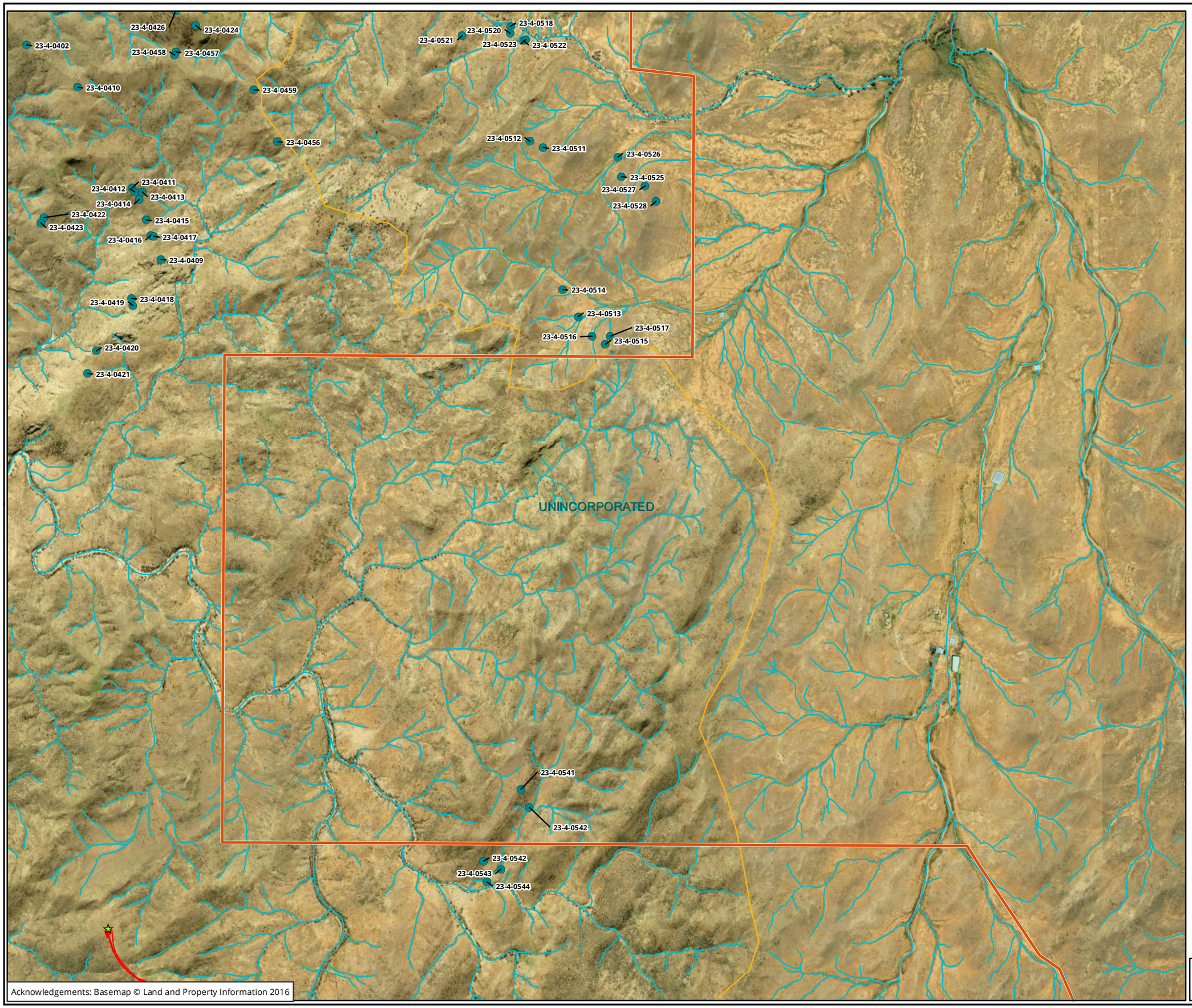
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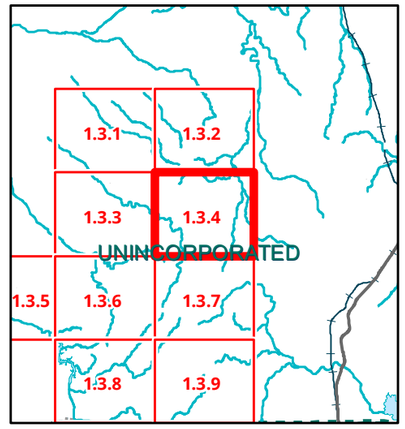
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Legend

- Study area
- Proposed infrastructure
- Turbines
- AHIMS Sites

Figure 1.3.4: Location of Heritage sites and no-go areas

0 300 600 900 1,200 1,500

Metres

Scale: 1:30,000 @ A3

Coordinate System: GDA 1994 MGA Zone 54

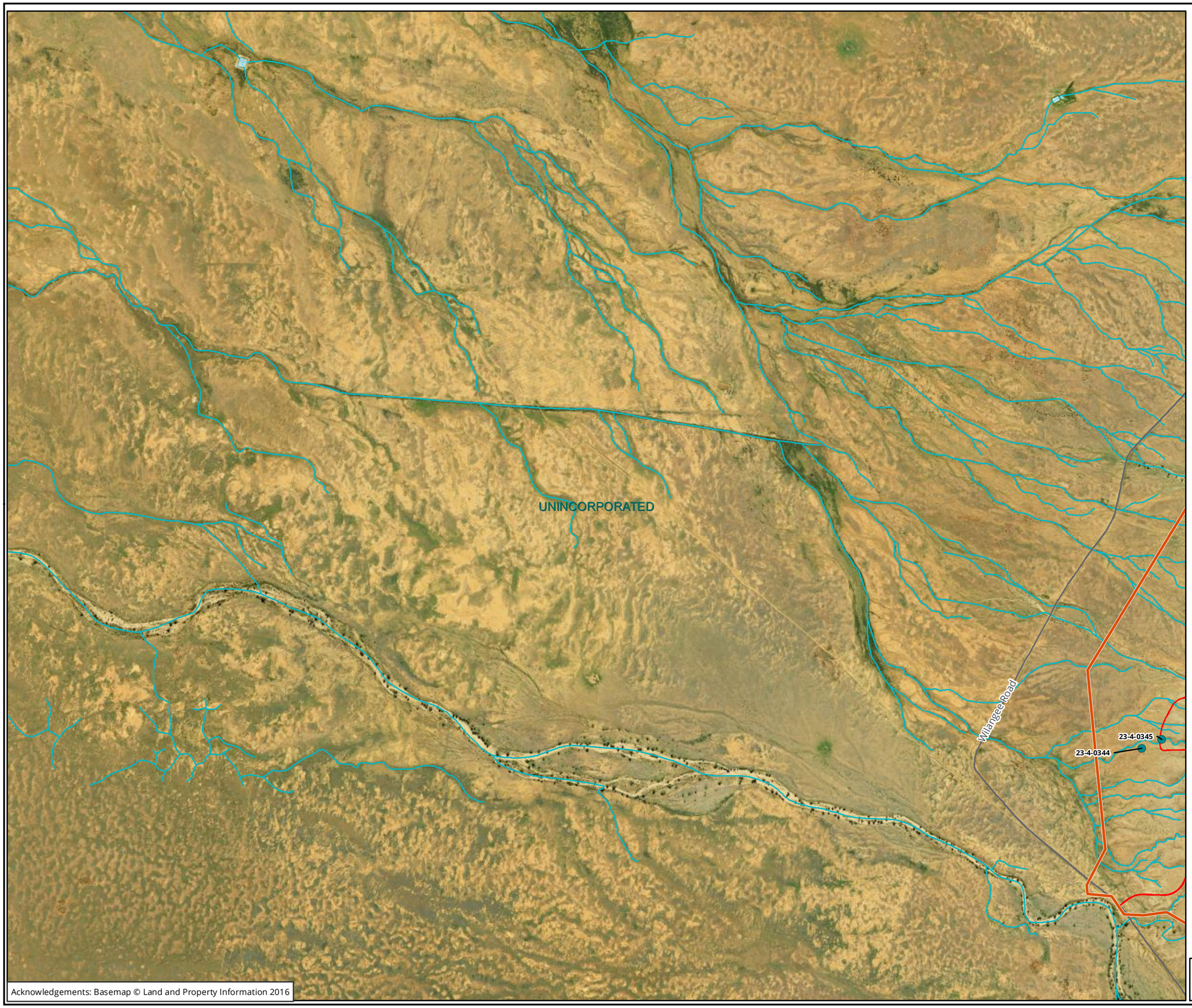
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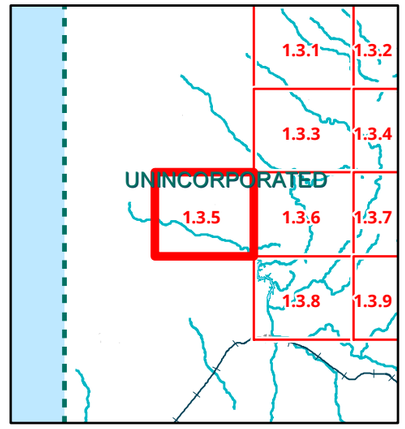
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Matter: 26380
Date: 13 December 2018,
Checked by: MJS, Drawn by: LW, Last edited by: jturner
Location:P:\26300s\26380\Mapping
26380_HMP_F3_NoGoZones_w

Acknowledgements: Basemap © Land and Property Information 2016





Legend

- Study area
- Proposed infrastructure
- AHIMS Sites

Figure 1.3.5: Location of Heritage sites and no-go areas

0 300 600 900 1,200 1,500

Metres

Scale: 1:30,000 @ A3

Coordinate System: GDA 1994 MGA Zone 54

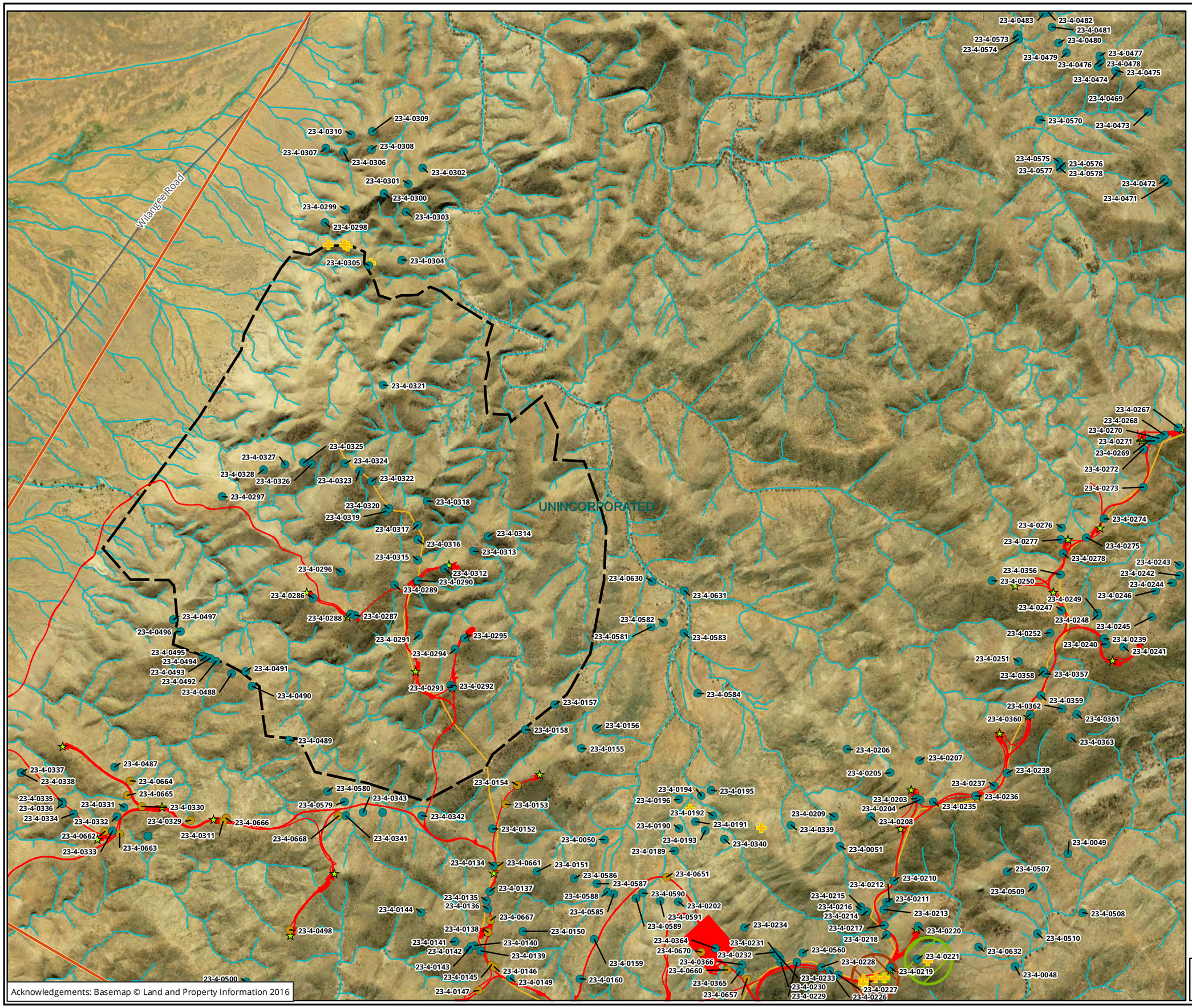
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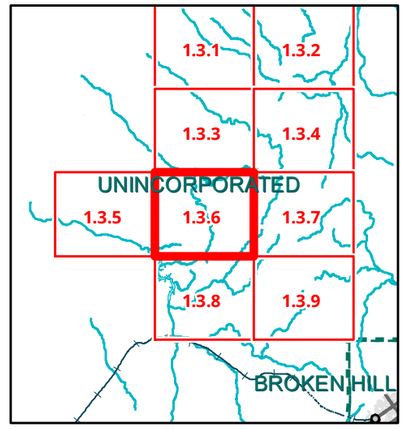
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Legend

- Study area
- Proposed infrastructure
- Turbines
- AHIMS Sites
- AHIMS Sites - Salvaged or Impacted
- Historical sites

No go zones

- If feasible
- Required

Figure 1.3.6: Location of Heritage sites and no-go areas

0 300 600 900 1,200 1,500

Metres

Scale: 1:30,000 @ A3

Coordinate System: GDA 1994 MGA Zone 54

N

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Location:P:\26300s\26380\Mapping\26380_HMP_F3_NoGoZones_w

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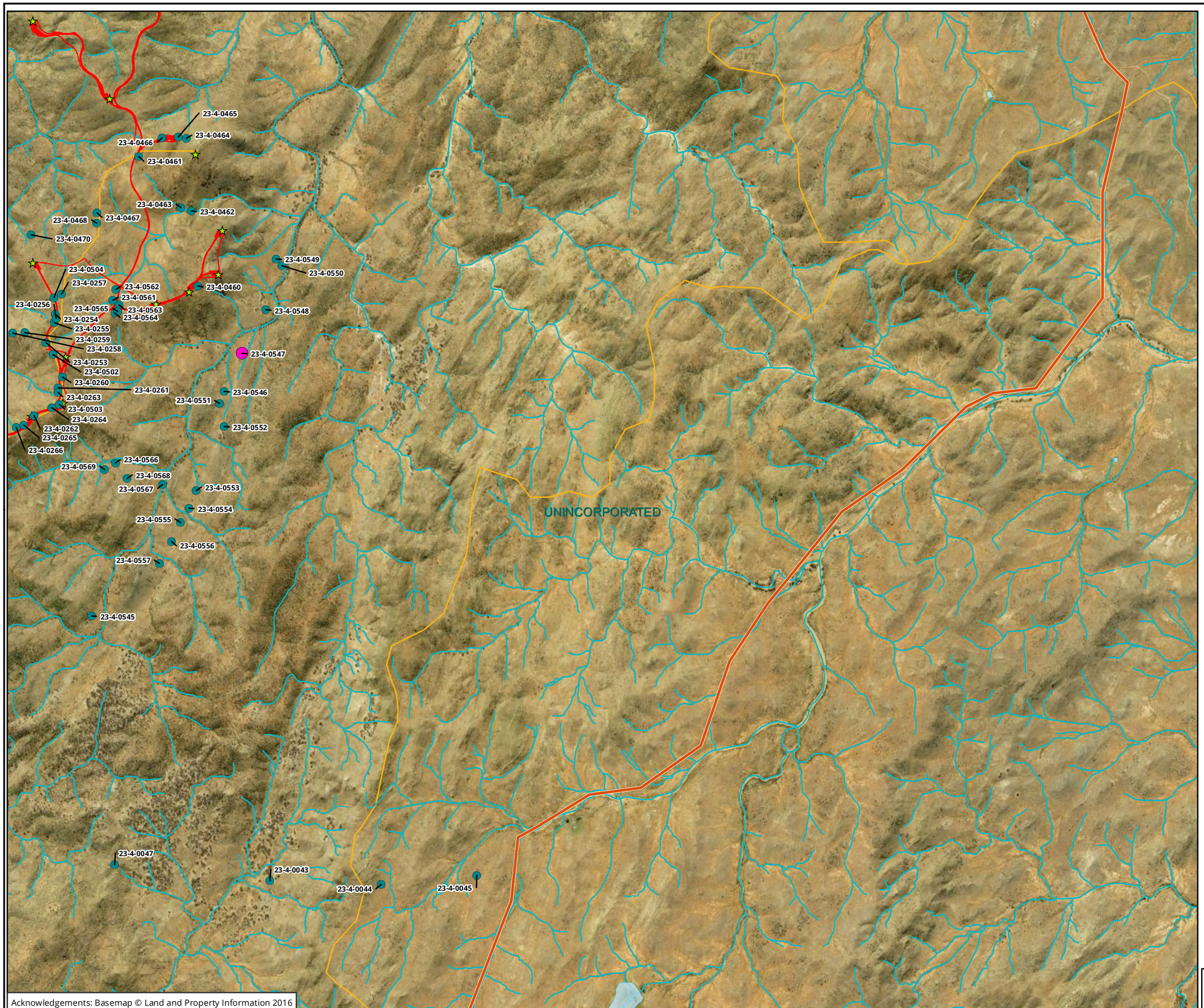
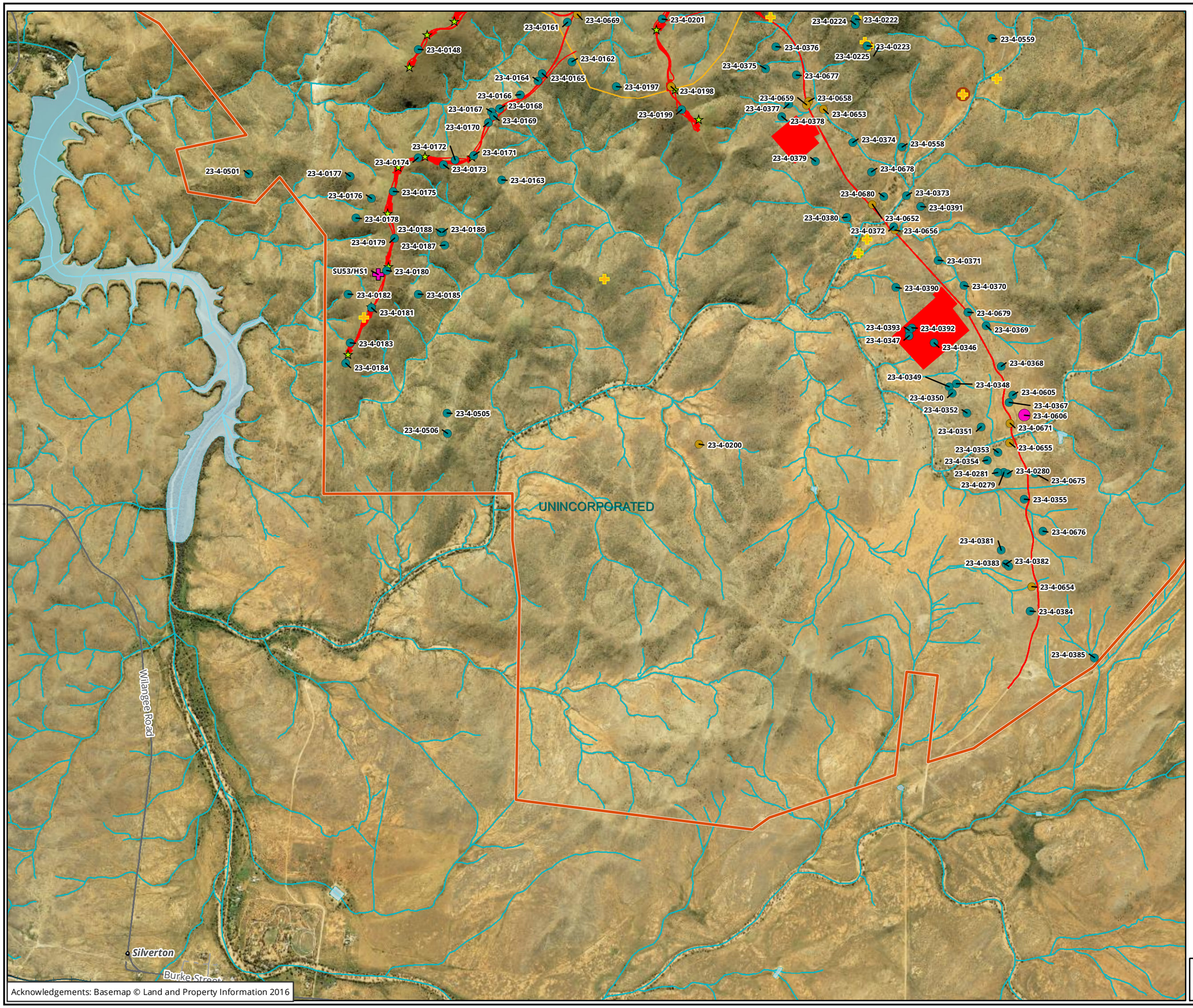


Figure 1.3.7: Location of Heritage sites and no-go areas



Legend

- Study area
- Proposed infrastructure
- Turbines
- AHIMS Sites
- AHIMS Sites - Salvaged or Impacted
- AHIMS Sites - no harm or impact permitted
- Historical sites
- Heritage sites - no harm or impact permitted

No go zones

- If feasible
- Required

Figure 1.3.8: Location of Heritage sites and no-go areas

0 300 600 900 1,200 1,500

Metres

Scale: 1:30,000 @ A3

Coordinate System: GDA 1994 MGA Zone 54

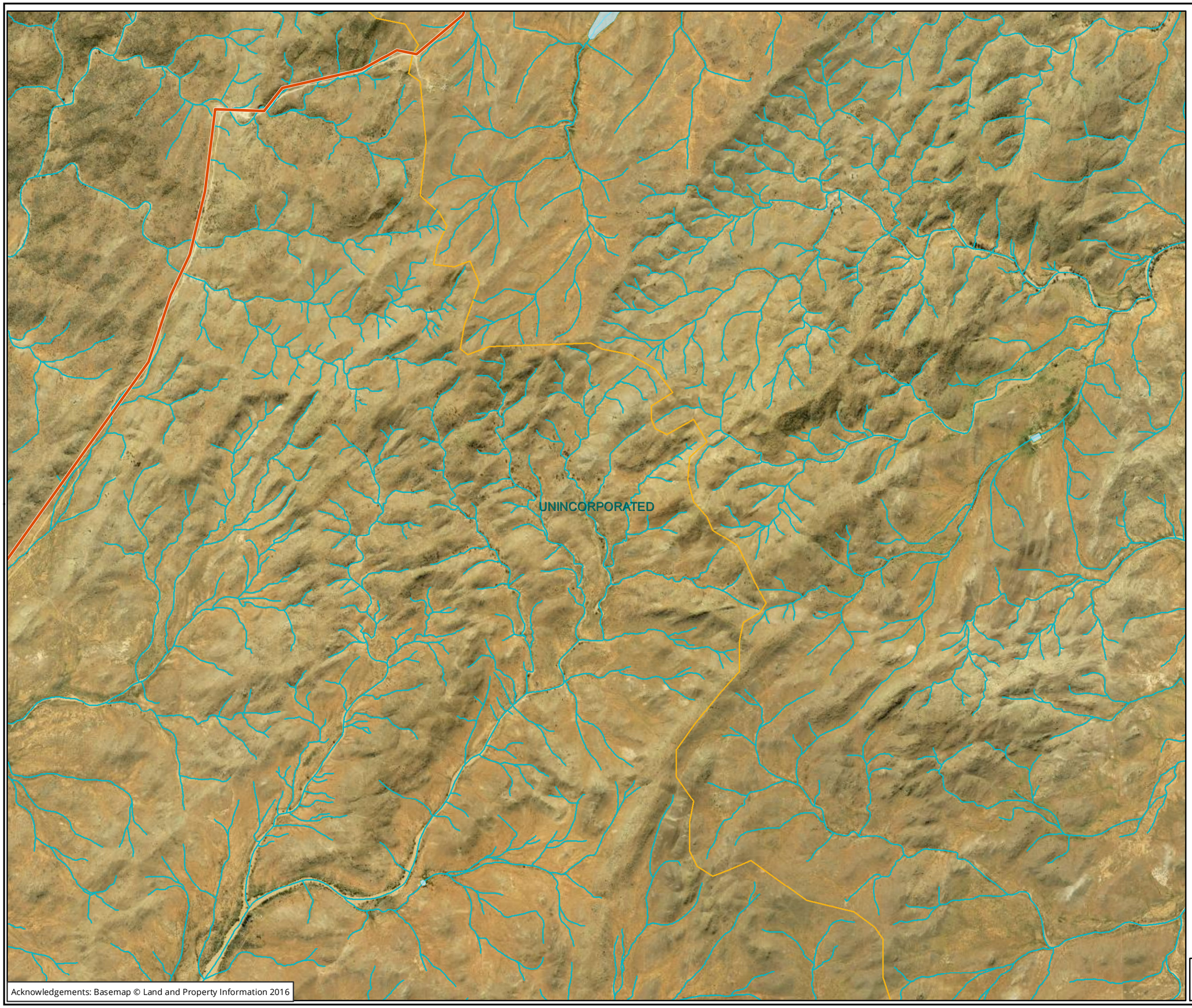
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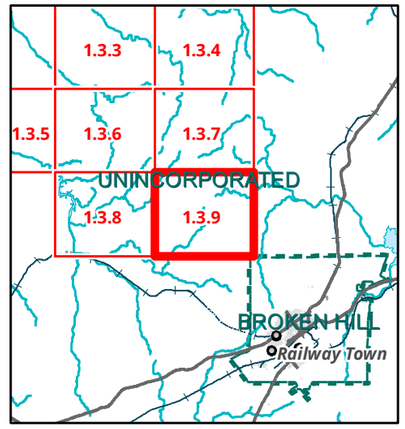
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26380_HMP_F3_NoGoZones_w





Legend

Study area

Figure 1.3.9: Location of Heritage sites and no-go areas

0 300 600 900 1,200 1,500

Metres

Scale: 1:30,000 @ A3

Coordinate System: GDA 1994 MGA Zone 54

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2 Environmental requirements

The following section outlines the environmental requirements of the project including relevant legislation and guidelines that have been used to assist in the formulation of this HMP.

2.1 Relevant legislation and guidelines

Legislation relevant to heritage management includes:

- EP&A Act
- *National Parks and Wildlife Act 1974* (NPW Act)
- *Heritage Act 1977* (Heritage Act).

The main guidelines, specifications and policy documents relevant to this HMP include:

- *Aboriginal cultural heritage consultation requirements for proponents* (DECCW 2010a)
- *Altering Heritage Assets* (Heritage Office & DUAP 1996)
- *Assessing Significance for Archaeological Heritage Sites and Relics* (NSW Heritage Branch, Department of Planning 2009)
- *Archaeological Assessment Guidelines* (NSW Heritage Office & DUAP 1996)
- The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance (Australia ICOMOS 2013)
- The *Code of practice for the archaeological investigation of Aboriginal objects in NSW* (DECCW 2010b).

2.2 Commitment to Cultural Heritage Preservation

According to Allen and O'Connell (Allen & O'Connell 2003), Aboriginal people have inhabited the Australian continent for the last 50,000 years, and the NSW area, according to Bowler *et al* (2003), for over 42,000 years. These dates are subject to continued revision as further evidence of Aboriginal cultural heritage is discovered and as more research of this evidence is conducted.

Without being part of the Aboriginal culture, and the productions of this culture, it is not possible for non-Aboriginal people to fully understand their meaning to Aboriginal people – only to move closer towards understanding this meaning with the help of the Aboriginal community. Similarly, definitions of Aboriginal culture and cultural heritage without this involvement constitute outsider interpretations.

With this preface, Aboriginal cultural heritage broadly refers to things that relate to Aboriginal culture and hold cultural meaning and significance to Aboriginal people (DECCW 2010a, p. 3). There is an understanding in Aboriginal culture that everything is interconnected. In essence, Aboriginal cultural heritage can be viewed as potentially encompassing any part of the physical and/or mental landscape, that is, 'Country' (DECCW 2010a, p. iii).

Aboriginal people's interpretation of cultural value is based on their "traditions, observance, lore, customs, beliefs and history" (DECCW 2010a, pp. 3). The things associated with Aboriginal cultural heritage are continually / actively being defined by Aboriginal people (DECCW 2010a, pp. 3) These things can be associated with traditional, historical or contemporary Aboriginal culture (DECCW 2010a, pp. 3).

2.2.1 Tangible Aboriginal Cultural Heritage

Three categories of tangible Aboriginal cultural heritage may be defined:

- Things that have been observably modified by Aboriginal people.
- Things that may have been modified by Aboriginal people but no discernible traces of that activity remain.
- Things never physically modified by Aboriginal people (but associated with Dreamtime Ancestors who shaped those things).

2.2.2 Intangible Aboriginal Cultural Heritage

Examples of intangible Aboriginal cultural heritage would include memories of stories and 'ways of doing', which would include language and ceremonies (DECCW 2010a, pp. 3).

2.2.3 Statutory

Currently Aboriginal cultural heritage, as statutorily defined by the NPW Act, consists of objects and places.

Aboriginal objects are defined as:

> *"any deposit, object or material evidence…relating to the Aboriginal habitation of the area that comprises NSW, being habitation before or concurrent with (or both) the occupation of that area by persons of non-Aboriginal extraction, and includes Aboriginal remains"*

Aboriginal places are defined as a place that is or was of special Aboriginal cultural significance. Places are declared under section 84 of the NPW Act.

2.2.4 Values

Aboriginal cultural heritage is broadly valued by Aboriginal people as it is used to define their identity as both individuals and as part of a group (also see DECCW 2010a, pp. 3). More specifically it is used:

- To provide a:
  - "*connection and sense of belonging to Country*" (DECCW 2010a, pp. 3)
  - Link between the present and the past (DECCW 2010a, pp. 3)
- As a learning tool to teach Aboriginal culture to younger Aboriginal generations and the general public (DECCW 2010a, pp. 3)

As further evidence of Aboriginal occupation prior to European settlement for people who do not understand the magnitude to which Aboriginal people occupied the continent (see also DECCW 2010a, pp. 3).

The NSW government and all of its entities are committed the protection and preservation of Aboriginal and non-Aboriginal cultural heritage in NSW and on the Silverton Wind Farm project.

3 Existing environment

The following sections summarise what is known about Aboriginal and non-Aboriginal heritage within and adjacent to the study area based on information provided in:

- Silverton Wind Farm NSW Stage 1 – Aboriginal Heritage and Non Indigenous Heritage Assessment: Volume 1, Prepared for NGH Environmental Pty Ltd (Dibden 2008).
- Silverton Wind Farm Works - Aboriginal Cultural Heritage Assessment (EHP 2017).

3.1 Aboriginal cultural heritage

The Aboriginal cultural heritage values were subject to assessment through the following processes:

- Literature and database review
- Archaeological investigations (undertaken by Dibden (2008)and EHP (2017))
- Aboriginal consultation
- Assessment of significance and proposed impacts.

Based upon these tasks, 471 Aboriginal heritage sites have been identified within or in close proximity to the project area. These are summarised in Appendix E, and their locations identified in the maps comprising Figure 4. Sites recorded during surveys by Dibden (2008) and EHP (2017), comprising detailed descriptions, locations and photographs are attached in Appendix E: Aboriginal Cultural Heritage Sites Gazetteer. A complete list of AHIMS sites recorded within the study area is contained in Appendix F: AHIMS Sites in the Project Area. All Aboriginal heritage sites have been recorded in accordance with the Code, submitted to Heritage NSW and listed within the AHIMS database.

3.2 Non-Aboriginal heritage

The assessment of non-Aboriginal heritage values within the study area was undertaken through the completion of the following tasks:

- Literature and database review
- Archaeological survey
- Assessment of proposed impacts.

Following these searches, 24 non-Aboriginal heritage sites were located within and directly adjacent to the study area. These are summarised in Table 2 below. Full details of these sites recorded during surveys by Dibden (2008) and EHP (2017), comprising detailed descriptions, locations, significance assessments and photographs are attached in Appendix G.

Table 2 Non-Aboriginal heritage sites associated with the project

Name	Description	Significance
SU32/HS1	Prospecting pits, probably associated with LC 280	Refer Appendix G

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Name	Description	Significance
SU53/HS1	Blue Anchor Tank and pipeline, part of the Umberumberka Reservoir infrastructure	Refer Appendix G
SU54/HS1	Prospecting pits, probably associated with U 0033	Refer Appendix G
SU62/HS1	Building platform with intact deposit, probably dates to 19th century	Refer Appendix G
SU90/HS1	Mine workings, part of the Iron Duke complex	Refer Appendix G
SU90/HS2	Building platform and costeans, part of the Iron Duke complex. Moderate/high potential for subsurface archaeological material	Refer Appendix G
SU90/HS3	Forge. Well preserved forge hearth with slag and other metal artefacts associated. High excavation/research potential	Refer Appendix G
SU90/HS4	Building platform	Refer Appendix G
SU92/HS1	Mine workings, part of the Iron Duke complex	Refer Appendix G
SU93/HS1	Old road cutting that links Iron Duke workings with roads along Lake's Grave Creek	Refer Appendix G
SU94/HS1	Forge. Well preserved forge hearth, wooden stump and intact building platform. High potential for *in situ* subsurface remains	Refer Appendix G
SU94/HS2	Large building platform, probably associated with Iron Duke workings	Refer Appendix G
SU141/HS1	Farming equipment/stockpile. Assorted pieces of machinery parts and building material remains	Refer Appendix G
SU141/HS2	Stock yards. Mid 20th century yards built from mulga and steel, various phases of modification evidenced	Refer Appendix G
SU143/HS1	Artefact scatter and building platform/hearth, probably dates to 19th century. Moderate potential for subsurface artefacts and other structural evidence	Refer Appendix G
SU190/HS1	Stone cairn. Probably a mine lease marker associated with adjacent mines	Refer Appendix G
SU191/HS1	Building platform with associated artefact scatter and intact deposit, probably dates to early 20th century	Refer Appendix G
SU191/HS2	Building platform with intact deposit, probably dates to early 20th century Turbine envelope	Refer Appendix G
SU191/HS3	Road associated with SU191/HS1 and SU191/HS	Refer Appendix G
SU226/HS1	Costean Access road	Refer Appendix G
Lake's Grave	Grave site of William Henry Lake	Refer Appendix G
Stone ruins	Stone ruins, probable remains of a series of hearths and associated building platforms. Possibly associated with the Iron Duke mine. High potential for subsurface archaeological material	Refer Appendix G

Name	Description	Significance
Zinc sintering works	Remains of Silverton Tramway permanent way embankment, with lines of slag and reject bricks running parallel, fire boxes, roasting mounds and remains of stone and brick houses	Refer Appendix G
Silverton Tramway	Section of the Silverton Tramway to the southeast of the zinc sintering works	Refer Appendix G

4 Environmental aspects and impacts

The key operational activities and the associated potential impacts to heritage values (both Aboriginal and non-Aboriginal) were identified through a risk management approach. The consequence and likelihood of each activity's impact on the environment was assessed to prioritise its significance.

4.1 Aboriginal heritage impacts

The potential impacts on Aboriginal heritage sites within the Silverton Windfarm include:

- Direct impacts and disturbance to the entire site or the majority of a site containing Aboriginal objects during the ongoing operation and maintenance of the Windfarm. These impacts may be complete or partial.
- Indirect impacts to Aboriginal objects or cultural values, such as from development related changes to the landscape or context of a site or item (i.e. erosion or exposure).

Potential impacts to Aboriginal heritage sites during construction were outlined in the following documents:

- Silverton Wind Farm NSW Stage 1 – Aboriginal Heritage and Non Indigenous Heritage Assessment: Volume 1, Prepared for NGH Environmental Pty Ltd (Dibden 2008)
- Silverton Wind Farm Works - Aboriginal Cultural Heritage Assessment (EHP 2017).

A number of sites have been salvaged during the construction phases of the project. These are discussed in Section 4.1.1below.

In the event that additional disturbance is anticipated during the operations of the Silverton Windfarm to sites identified within Silverton *Wind Farm NSW Stage 1 – Aboriginal Heritage and Non Indigenous Heritage Assessment: Volume 1*, (Dibden 2008), and *Silverton Wind Farm Works - Aboriginal Cultural Heritage Assessment* (EHP 2017), then these disturbances will need to undergo additional heritage assessment and impact mitigation processes prior to the commencement of any associated works. Table 4, the *Aboriginal site impact inventory* must be updated whenever sites are impacted, and an ASIRF completed as per Protocol 13: Procedure for undertaking additional archaeological investigations and/or salvage measures below.

It is likely that any additional impacts outside of the areas surveyed in Silverton Wind Farm NSW Stage 1 – Aboriginal Heritage and Non Indigenous Heritage Assessment: Volume 1, (Dibden 2008), and Silverton Wind Farm Works - Aboriginal Cultural Heritage Assessment (EHP 2017) would need to be assessed as a modification to the existing approval.

4.1.1 Sites salvaged during construction works

A number of sites have been salvaged or impacted during the construction phases of the project. Details of these sites were advised by GE-Catcon via email on 21 June 2018 or copies of ASIRFs were supplied. Table 3 lists sites subject to direct impact and salvage or destruction during construction works.

Table 3 Salvaged or Impacted Sites

AHIMS Number	EHP Site name	Description	Impact	ASIRF Y/N
23-4-0658	SWF Artefact Scatter 5	Low density quartz artefact scatter	Direct	Y
23-4-0659	SWF Artefact Scatter 6	Quartz artefact scatter	Direct	Y

AHIMS Number	EHP Site name	Description	Impact	ASIRF Y/N
23-4-0660	SWF Artefact Scatter 4	Low density quartz artefact scatter	Direct	Y
23-4-0656	SWF Isolated Find 3	Fine-grained quartz thumbnail scraper	Direct	Y
23-4-0657	SWF Isolated Find 4	A single large, fine-grained white quartz flake	Direct	Y
23-4-0651	SWF Artefact Scatter 3	Low density quartz artefact scatter with grindstone	Direct	Y
23-4-0652	SWF Artefact Scatter 2	Low density silcrete and quartz artefact scatter	Direct	Y
23-4-0671	SWF Artefact Scatter 1	Low density silcrete and quartz artefact scatter	Direct	Y
23-4-0654	SWF Isolated Find 1	Fine-grained quartz thumbnail scraper	Direct	Y
23-4-0655	SWF Isolated Find 2	One complete quartz flake	Direct	Y
Not provided by CATCON	SWF Quartz Quarry 1	Quartz nodules	Direct	
23-4-0653	SWF Scarred Tree 1	Shield scar on River Red Gum	Direct	Y
23-4-0661	SWF Isolated Find 5	Isolated stone artefact	Direct	Y
23-4-0662	SWF Isolated Find 6	Isolated stone artefact	Direct	Y
23-4-0664	SWF Artefact Scatter 7	Low density artefact scatter	Direct	Y
23-4-0665	SWF Artefact Scatter 8	Artefact scatter	Direct	Y
23-4-0663	SWF Isolated Find 7	Isolated stone artefact	Direct	Y
23-4-0666	SWF Artefact Scatter 9	Artefact scatter	Direct	Y
23-4-0667	SWF Artefact Scatter 10	Artefact scatter	Direct	Y
23-4-0670	SWF FEATURE 1	Quartz artefacts and quartz outcrop	Direct	Y
23-4-0669	SWF FEATURE 2	Quartz artefacts and quartz outcrop	Direct	Y
Not provided by CATCON	SWF FEATURE 3	Not provided	Direct	Y
23-4-0668	SWF FEATURE 4	Not provided	Direct	Y

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AHIMS Number	EHP Site name	Description	Impact	ASIRF Y/N
Not provided by CATCON	SWF QUARRY 2	Not provided	Direct	Y
Not provided by CATCON	SWF QUARRY 3	Not provided	Direct	
23-4-0138	SU3/L1	Low density quartz artefact scatter	Direct	Y
23-4-0147	SU10/L1	Low density quartz artefact scatter	Direct	Y
23-4-0153	SU19/L1	Low density quartz artefact scatter	Direct	Y
23-4-0154	SU20/L1	Low density quartz artefact scatter	Direct	Y
23-4-0198	SU69/L1	Low density quartz artefact scatter	Direct	Y
23-4-0200	SU71/L1	Low density quartz artefact scatter	Direct	Y
23-4-0311	SU197/L1	Low density quartz artefact scatter	Direct	Y
23-4-0329	SU218/L1	Low density quartz artefact scatter	Direct	Y
23-4-0330	SU219/L1	Low density quartz artefact scatter	Direct	Y
23-4-0152	SU18/L1	Low density quartz artefact scatter	Direct	Y
23-4-0262	SU115/L1	Not a site	Direct	Y
23-4-0145	SU9/L1	Low density quartz artefact scatter	Direct	Y
23-4-0498	SU252/L1	Low density quartz artefact scatter	Direct	Y
23-4-0219	SU90/21	Artefact	Direct	Y
23-4-0236	SU101/L1	Artefact	Direct	Y
23-4-0239	SU102/L1	Artefact	Direct	Y
23-4-0240	SU102/L2	Stone quarry	Direct	Y
23-4-0262	SU115/L1	Artefact	Direct	Y
23-4-0360	SU128/L1	Artefact	Direct	Y
23-4-0502	SU255/L1	Stone quarry	Direct	Y
23-4-0503	SU255/L2	Artefact	Direct	Y

4.1.2 Aboriginal site impact inventory

Table 4 comprises a complete list of Aboriginal heritage sites within the project area. Any future impacts to sites must be recorded in this table and the date of submission of the ASIRF to Heritage NSW recorded within the inventory.

Table 4 Aboriginal site management inventory

AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0047	BH110 "Nine Mile"	Artefact : Isolated Find	Intact/extant/in-situ			
23-4-0043	BH111 "Nine Mile"	Artefact : Isolated Find	Intact/extant/in-situ			
23-4-0044	BH112 "Nine Mile"	Artefact : Isolated Find	Intact/extant/in-situ			
23-4-0045	BH113 "Nine Mile"	Open Camp Site	Intact/extant/in-situ			
23-4-0053	BH12 "Belmont"	Artefact :	Intact/extant/in-situ			
23-4-0054	BH13 "Belmont"	Artefact :	Intact/extant/in-situ			
23-4-0052	BH14 "Belmont"	Artefact :	Intact/extant/in-situ			
23-4-0050	BH15 "Belmont"	Artefact : Open Camp Site	Intact/extant/in-situ			
23-4-0051	BH16 "Belmont"	Artefact : Open Camp Site	Intact/extant/in-situ			
23-4-0048	BH17 "Belmont"	Artefact : Open Camp Site	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0049	BH18 "Belmont"	Artefact : Open Camp Site	Intact/extant/in-situ			
23-4-0055	BHI1	Artefact :	Intact/extant/in-situ			
23-4-0677	Silverton SU281/L1	Artefact :	Intact/extant/in-situ			
23-4-0678	Silverton SU281/L2	Stone Quarry :	Intact/extant/in-situ			
23-4-0680	Silverton SU281/L3	Artefact : Potential Archaeological Deposit (PAD)	Intact/extant/in-situ			
23-4-0679	Silverton SU282/L1	Artefact :	Intact/extant/in-situ			
23-4-0676	Silverton SU283/L1	Artefact :	Intact/extant/in-situ			
23-4-0675	Silverton SU283/L2	Stone Quarry :	Intact/extant/in-situ			
23-4-0671	SILVERTON WIND FARM AS1	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0667	SILVERTON WIND FARM AS10	Artefact : 1	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0652	SILVERTON WIND FARM AS2	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0651	SILVERTON WIND FARM AS3	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0658	SILVERTON WIND FARM AS5	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0659	SILVERTON WIND FARM AS6	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0664	SILVERTON WIND FARM AS7	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0665	SILVERTON WIND FARM AS8	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0666	SILVERTON WIND FARM AS9	Artefact : 1	Site salvaged; refer Table 3			Y
Not provided	SILVERTON WIND FARM AS 10	Not provided	Site salvaged; refer Table 3			Y
23-4-0670	SILVERTON WIND FARM	Artefact : 1, Stone Quarry :	Site salvaged; refer Table 3			Y

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
	FEATURE 1	1				
23-4-0669	SILVERTON WIND FARM FEATURE 2	Artefact : 1, Quarry : 1	Site salvaged; refer Table 3			Y
Not provided	SILVERTON WIND FARM FEATURE 3	Not provided	Site salvaged; refer Table 3			Y
23-4-0668	SILVERTON WIND FARM FEATURE 4	Artefact : 1, Stone arrangement: 1	Site salvaged; refer Table 3			Y
23-4-0654	SILVERTON WIND FARM IF 1	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0655	SILVERTON WIND FARM IF 2	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0657	SILVERTON WIND FARM IF4	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0661	SILVERTON WIND FARM IF5	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0662	SILVERTON WIND FARM IF6	Artefact : 1	Site salvaged; refer Table 3			Y

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0663	SILVERTON WIND FARM IF7	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0653	SILVERTON WIND FARM SCAR TREE	Modified Tree (Carved or Scarred) : 1	Site salvaged; refer Table 3			Y
23-4-0660	SILVERTON WIND FARM AS4	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0656	SILVERTON WIND FARM IF3	Artefact : 1	Site salvaged; refer Table 3			Y
Not provided	SILVERTONE WIND FARM QUARRY 1	Not provided	Site salvaged; refer Table 3			
Not provided	SILVERTONE WIND FARM QUARRY 2	Not provided	Site salvaged; refer Table 3			
Not provided	SILVERTONE WIND FARM QUARRY 3	Not provided	Site salvaged; refer Table 3			
23-4-0429	SO240/L1	Artefact :	Intact/extant/in-situ			
23-4-0205	SSU77L1	Artefact : 1	Intact/extant/in-situ			
23-4-0235	SU100/L1	Artefact :	Intact/extant/in-			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
			situ			
23-4-0236	SU101/L1	Artefact :	Not in-situ	15/6/2017	ASIRF states: The site was to be impacted by the construction of a proposed access track. A site inspection was made on foot by an engineer from the Silverton Wind Farm and two representatives of the Broken Hill Local Aboriginal Land Council prior to any of the proposed impacts taking place. No evidence of the site that was recorded in 2008 was found.	Y
23-4-0237	SU101/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0238	SU101/L3	Stone Arrangement	Intact/extant/in-situ			
23-4-0239	SU102/L1	Artefact :	Complete harm	19/6/2018	The site was destroyed following impacts.	Y
23-4-0240	SU102/L2	Stone Arrangement :	Complete harm	19/6/2018	The site was destroyed following permitted impacts.	Y
23-4-0241	SU103/L1	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0242	SU104/L1	Artefact :	Intact/extant/in-situ			
23-4-0243	SU104/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0244	SU104/L3	Stone Arrangement :	Intact/extant/in-situ			
23-4-0245	SU104/L4	Stone Arrangement :	Intact/extant/in-situ			
23-4-0246	SU104/L5	Stone Arrangement :	Intact/extant/in-situ			
23-4-0247	SU105/L1	Artefact :	Intact/extant/in-situ			
23-4-0249	SU106/L2	Stone Arrangement	Intact/extant/in-situ			
23-4-0248	SU106/LO1	Artefact :	Intact/extant/in-situ			
23-4-0250	SU107/L1	Artefact :	Intact/extant/in-situ			
23-4-0251	SU108/L1	Artefact :	Intact/extant/in-situ			
23-4-0252	SU109/L1	Artefact :	Intact/extant/in-situ			
23-4-0147	SU10L1	Artefact : 1	Site salvaged; refer Table 3			Y

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0253	SU110/L1	Artefact :	Intact/extant/in-situ			
23-4-0254	SU111/L1	Artefact :	Intact/extant/in-situ			
23-4-0255	SU111/L2	Stone Arrangement	Intact/extant/in-situ			
23-4-0256	SU111/L3	Stone Arrangement :	Intact/extant/in-situ			
23-4-0257	SU111/L4	Stone Arrangement :	Intact/extant/in-situ			
23-4-0258	SU112/L1	Artefact :	Intact/extant/in-situ			
23-4-0259	SU112/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0260	SU113/L1	Artefact :	Intact/extant/in-situ			
23-4-0261	SU113/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0263	SU113/L3	Stone Arrangement :	Intact/extant/in-situ			
23-4-0264	SU114/1	Artefact :	Intact/extant/in-situ			
23-4-0262	SU115/L1	Not in-situ	Site status revised; refer Table 3	8/8/2017	Site unable to be located. Site status revised to 'Not a site'	Y

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0265	SU115/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0266	SU116/L1	Artefact :	Intact/extant/in-situ			
23-4-0267	SU117/L1	Artefact :	Intact/extant/in-situ			
23-4-0268	SU118/L1	Artefact :	Intact/extant/in-situ			
23-4-0269	SU119/L1	Artefact :	Intact/extant/in-situ			
23-4-0270	SU119/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0271	SU119/L3	Stone Arrangement	Intact/extant/in-situ			
23-4-0272	SU119/L4	Stone Arrangement :	Intact/extant/in-situ			
23-4-0273	SU120/L1	Artefact :	Intact/extant/in-situ			
23-4-0274	SU121/L1	Artefact :	Intact/extant/in-situ			
23-4-0275	SU122/L1	Artefact :	Intact/extant/in-situ			
23-4-0276	SU123/L1	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0277	SU123/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0278	SU124/L1	Artefact :	Intact/extant/in-situ			
23-4-0356	SU125/1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0357	SU126/L1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0358	SU126/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0359	SU127/1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0360	SU128/L1	Stone Arrangement :	Not in-situ	19/6/2017	Site unable to be located. Site status revised to 'Not a site'	Y
23-4-0361	SU129/L1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0362	SU129/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0148	SU12L1	Artefact : 1	Intact/extant/in-situ			
23-4-0363	SU130/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0364	SU132/L1	Stone Arrangement :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
		3				
23-4-0365	SU133/L1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0366	SU133/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0367	SU136/L1	Stone Arrangement, Hearth :	Intact/extant/in-situ			
23-4-0368	SU137/L1	Stone Quarry :	Intact/extant/in-situ			
23-4-0369	SU138/L1	Stone Arrangement, Hearth :	Intact/extant/in-situ			
23-4-0370	SU139/L1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0149	SU13L1	Artefact : 1	Intact/extant/in-situ			
23-4-0371	SU140/L1	Stone Arrangement :, Hearth :	Intact/extant/in-situ			
23-4-0372	SU141/L1	Stone Arrangement :, Hearth :	Intact/extant/in-situ			
23-4-0373	SU142/L1	Artefact : 9	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0374	SU143/L1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0375	SU144/L1	Stone Arrangement : 1	Intact/extant/in-situ			
23-4-0376	SU144/L2	Stone Arrangement : 2	Intact/extant/in-situ			
23-4-0377	SU145/L1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0378	SU145/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0379	SU146/L1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0380	SU147/L1	Stone Arrangement : 9, Hearth :	Intact/extant/in-situ			
23-4-0381	SU148/L1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0382	SU148/L2	Stone Arrangement :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0383	SU148/L3	Stone Arrangement : 1	Intact/extant/in-situ			
23-4-0384	SU150/L1	Stone Arrangement : 2	Intact/extant/in-situ			
23-4-0385	SU151a/L1	Stone Arrangement : 1	Intact/extant/in-situ			
23-4-0390	SU154/L1	Stone Arrangement : 4	Intact/extant/in-situ			
23-4-0391	SU155/L1	Stone Arrangement : 1	Intact/extant/in-situ			
23-4-0392	SU155/L2	Stone Arrangement : 1	Intact/extant/in-situ			
23-4-0393	SU155/L3	Stone Arrangement : 1	Intact/extant/in-situ			
23-4-0347	SU155/L4	Stone Quarry :	Intact/extant/in-situ			
23-4-0346	SU156/L1	Stone Arrangement :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0348	SU157/L1	Stone Quarry :	Intact/extant/in-situ			
23-4-0349	SU157/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0350	SU157/L3	Stone Arrangement :	Intact/extant/in-situ			
23-4-0351	SU158/L1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0352	SU158/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0353	SU159/L1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0354	SU159/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0150	SU15L1	Artefact : 1	Intact/extant/in-situ			
23-4-0355	SU160/L1	Stone Arrangement : 4	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0279	SU160/L2	Stone Quarry :	Intact/extant/in-situ			
23-4-0280	SU160/L3	Stone Arrangement :	Intact/extant/in-situ			
23-4-0281	SU160/L4	Stone Arrangement :	Intact/extant/in-situ			
23-4-0286	SU162/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0287	SU163/L1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0288	SU163/L2	Stone Arrangement : 3	Intact/extant/in-situ			
23-4-0289	SU165/L1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0290	SU167/L1	Stone Arrangement :	Intact/extant/in-situ			
23-4-0291	SU168/L1	Artefact :	Intact/extant/in-situ			
23-4-0151	SU16L1	Artefact : 1	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0292	SU173/L1	Artefact :	Intact/extant/in-situ			
23-4-0293	SU173/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0294	SU174/L1	Artefact :	Intact/extant/in-situ			
23-4-0295	SU175/L1	Artefact :	Intact/extant/in-situ			
23-4-0296	SU177/L1	Artefact :	Intact/extant/in-situ			
23-4-0297	SU178/L1	Valid	Intact/extant/in-situ			
23-4-0298	SU182/L1	Artefact :	Intact/extant/in-situ			
23-4-0299	SU183/L1	Artefact :	Intact/extant/in-situ			
23-4-0300	SU184/L1	Artefact :	Intact/extant/in-situ			
23-4-0301	SU185/L1	Artefact :	Intact/extant/in-situ			
23-4-0302	SU186/L1	Artefact :	Intact/extant/in-situ			
23-4-0303	SU187/L1	Artefact :	Intact/extant/in-			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
			situ			
23-4-0304	SU189/L1	Artefact :	Intact/extant/in-situ			
23-4-0152	SU18/L1	Artefact : 1	Site salvaged; refer Table 3	31/5/2017	Site no longer in-situ/site unable to be located	Y
23-4-0305	SU190/L1	Artefact :	Intact/extant/in-situ			
23-4-0306	SU192/L1	Artefact :	Intact/extant/in-situ			
23-4-0307	SU192/L2	Artefact :	Intact/extant/in-situ			
23-4-0308	SU193/L1	Artefact :	Intact/extant/in-situ			
23-4-0309	SU194/L1	Artefact :	Intact/extant/in-situ			
23-4-0310	SU195/L1	Artefact :	Intact/extant/in-situ			
23-4-0311	SU197/L1	Artefact :	Site salvaged; refer Table 3			
23-4-0312	SU198/L1	Artefact :	Intact/extant/in-situ			
23-4-0313	SU199/L1	Artefact :	Intact/extant/in-situ			
23-4-0153	SU19/L1	Artefact : 1	Site salvaged; refer	1/6/2017	AHIRF states: "Material	Y

AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
			Table 3		relocated beyond the proposed works zone"	
23-4-0134	SU1L1	Artefact : 1	Intact/extant/in-situ			
23-4-0314	SU200/L1	Artefact :	Intact/extant/in-situ			
23-4-0315	SU201/L1	Artefact :	Intact/extant/in-situ			
23-4-0316	SU202/L1	Artefact :	Intact/extant/in-situ			
23-4-0317	SU203/L1	Artefact :	Intact/extant/in-situ			
23-4-0318	SU205/L1	Artefact :	Intact/extant/in-situ			
23-4-0319	SU209/L1	Artefact :	Intact/extant/in-situ			
23-4-0320	SU209/L2	Artefact :	Intact/extant/in-situ			
23-4-0154	SU20/L1	Artefact : 1	Site salvaged; refer Table 3	1/6/2017	ASIRF states: artefacts identified during the site inspection were removed to a safe area beyond the works zone	Y
23-4-0321	SU210/L1	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0322	SU211/L1	Artefact :	Intact/extant/in-situ			
23-4-0323	SU212/L1	Artefact :	Intact/extant/in-situ			
23-4-0324	SU213/L1	Artefact :	Intact/extant/in-situ			
23-4-0325	SU215/L1	Artefact :	Intact/extant/in-situ			
23-4-0326	SU215/L2	Artefact :	Intact/extant/in-situ			
23-4-0327	SU215/L3	Artefact :	Intact/extant/in-situ			
23-4-0328	SU216/L1	Artefact :	Intact/extant/in-situ			
23-4-0329	SU218/L1	Artefact :	Site salvaged; refer Table 3			Y
23-4-0330	SU219/L1	Artefact :	Site salvaged; refer Table 3			Y
23-4-0331	SU220/L1	Artefact :	Intact/extant/in-situ			
23-4-0332	SU221/L1	Artefact :	Intact/extant/in-situ			
23-4-0333	SU222/L1	Artefact :	Intact/extant/in-situ			

AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0334	SU223/L1	Artefact :	Intact/extant/in-situ			
23-4-0335	SU224/L1	Artefact :	Intact/extant/in-situ			
23-4-0336	SU224/L2	Artefact :	Intact/extant/in-situ			
23-4-0337	SU225/L1	Artefact :	Intact/extant/in-situ			
23-4-0338	SU225/L2	Artefact :	Intact/extant/in-situ			
23-4-0339	SU226/L1	Artefact :	Intact/extant/in-situ			
23-4-0340	SU227/L1	Artefact :	Intact/extant/in-situ			
23-4-0341	SU229/L1	Artefact	Intact/extant/in-situ			
23-4-0342	SU229/L2	Artefact :	Intact/extant/in-situ			
23-4-0343	SU230/L1	Artefact :	Intact/extant/in-situ			
23-4-0344	SU231/L1	Artefact :	Intact/extant/in-situ			
23-4-0345	SU231/L2	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0395	SU233/L1	Artefact :	Intact/extant/in-situ			
23-4-0396	SU233/L2	Artefact :	Intact/extant/in-situ			
23-4-0397	SU234/L1	Artefact :	Intact/extant/in-situ			
23-4-0398	SU234/L2	Artefact :	Intact/extant/in-situ			
23-4-0399	SU234/L3	Artefact :	Intact/extant/in-situ			
23-4-0400	SU234/L4	Artefact :	Intact/extant/in-situ			
23-4-0401	SU235/L1	Artefact :	Intact/extant/in-situ			
23-4-0402	SU235/L2	Artefact :	Intact/extant/in-situ			
23-4-0403	SU235/L3	Artefact :	Intact/extant/in-situ			
23-4-0404	SU236/L1	Artefact :	Intact/extant/in-situ			
23-4-0405	SU236/L2	Artefact :	Intact/extant/in-situ			
23-4-0406	SU236/L3	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0407	SU236/L4	Artefact :	Intact/extant/in-situ			
23-4-0408	SU236/L5	Artefact :	Intact/extant/in-situ			
23-4-0409	SU237/L1	Artefact :	Intact/extant/in-situ			
23-4-0418	SU237/L10	Artefact :	Intact/extant/in-situ			
23-4-0419	SU237/L11	Artefact :	Intact/extant/in-situ			
23-4-0420	SU237/L12	Artefact :	Intact/extant/in-situ			
23-4-0421	SU237/L13	Artefact :	Intact/extant/in-situ			
23-4-0410	SU237/L2	Artefact :	Intact/extant/in-situ			
23-4-0411	SU237/L3	Artefact :	Intact/extant/in-situ			
23-4-0412	SU237/L4	Artefact :	Intact/extant/in-situ			
23-4-0413	SU237/L5	Artefact :	Intact/extant/in-situ			
23-4-0414	SU237/L6	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0415	SU237/L7	Artefact :	Intact/extant/in-situ			
23-4-0416	SU237/L8	Artefact :	Intact/extant/in-situ			
23-4-0417	SU237/L9	Artefact :	Intact/extant/in-situ			
23-4-0422	SU238/L1	Artefact :	Intact/extant/in-situ			
23-4-0423	SU238/L2	Artefact :	Intact/extant/in-situ			
23-4-0424	SU239/L1	Artefact :	Intact/extant/in-situ			
23-4-0425	SU239/L2	Artefact :	Intact/extant/in-situ			
23-4-0426	SU239/L3	Artefact :	Intact/extant/in-situ			
23-4-0427	SU239/L4	Artefact :	Intact/extant/in-situ			
23-4-0428	SU239/L5	Artefact :	Intact/extant/in-situ			
23-4-0155	SU23L1	Artefact : 1	Intact/extant/in-situ			
23-4-0435	SU240/7	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0438	SU240/L10	Artefact :	Intact/extant/in-situ			
23-4-0439	SU240/L11	Artefact :	Intact/extant/in-situ			
23-4-0440	SU240/L12	Artefact :	Intact/extant/in-situ			
23-4-0441	SU240/L13	Artefact :	Intact/extant/in-situ			
23-4-0434	SU240/L6	Artefact :	Intact/extant/in-situ			
23-4-0436	SU240/L8	Artefact :	Intact/extant/in-situ			
23-4-0443	SU241/L1	Artefact :	Intact/extant/in-situ			
23-4-0444	SU241/L2	Artefact :	Intact/extant/in-situ			
23-4-0445	SU241/L3	Artefact :	Intact/extant/in-situ			
23-4-0446	SU241/L4	Artefact :	Intact/extant/in-situ			
23-4-0447	SU242/L1	Artefact :	Intact/extant/in-situ			
23-4-0449	SU242/L3	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0450	SU243/L1	Artefact :	Intact/extant/in-situ			
23-4-0451	SU243/L2	Artefact :	Intact/extant/in-situ			
23-4-0452	SU243/L3	Artefact :	Intact/extant/in-situ			
23-4-0453	SU243/L4	Artefact :	Intact/extant/in-situ			
23-4-0455	SU244/L1	Artefact :	Intact/extant/in-situ			
23-4-0456	SU246/L1	Artefact :	Intact/extant/in-situ			
23-4-0457	SU246/L2	Artefact :	Intact/extant/in-situ			
23-4-0458	SU246/L3	Artefact :	Intact/extant/in-situ			
23-4-0459	SU246/L4	Artefact :	Intact/extant/in-situ			
23-4-0460	SU247/L1	Artefact :	Intact/extant/in-situ			
23-4-0467	SU248/7	Artefact :	Intact/extant/in-situ			
23-4-0461	SU248/L1	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0462	SU248/L2	Artefact :	Intact/extant/in-situ			
23-4-0463	SU248/L3	Artefact :	Intact/extant/in-situ			
23-4-0464	SU248/L4	Artefact :	Intact/extant/in-situ			
23-4-0465	SU248/L5	Artefact :	Intact/extant/in-situ			
23-4-0466	SU248/L6	Artefact :	Intact/extant/in-situ			
23-4-0468	SU248/L8	Artefact :	Intact/extant/in-situ			
23-4-0470	SU249/2	Artefact :	Intact/extant/in-situ			
23-4-0469	SU249/L1	Artefact :	Intact/extant/in-situ			
23-4-0478	SU249/L10	Artefact :	Intact/extant/in-situ			
23-4-0479	SU249/L11	Artefact :	Intact/extant/in-situ			
23-4-0480	SU249/L12	Artefact :	Intact/extant/in-situ			
23-4-0481	SU249/L13	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0482	SU249/L14	Artefact :	Intact/extant/in-situ			
23-4-0483	SU249/L15	Artefact :	Intact/extant/in-situ			
23-4-0484	SU249/L16	Artefact :	Intact/extant/in-situ			
23-4-0485	SU249/L17	Artefact :	Intact/extant/in-situ			
23-4-0471	SU249/L3	Artefact :	Intact/extant/in-situ			
23-4-0472	SU249/L4	Artefact :	Intact/extant/in-situ			
23-4-0473	SU249/L5	Artefact :	Intact/extant/in-situ			
23-4-0474	SU249/L6	Artefact :	Intact/extant/in-situ			
23-4-0475	SU249/L7	Artefact :	Intact/extant/in-situ			
23-4-0476	SU249/L8	Artefact :	Intact/extant/in-situ			
23-4-0477	SU249/L9	Artefact :	Intact/extant/in-situ			
23-4-0486	SU249L18	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0156	SU24L1	Artefact : 1	Intact/extant/in-situ			
23-4-0487	SU250/L1	Artefact :	Intact/extant/in-situ			
23-4-0488	SU251/L1	Artefact :	Intact/extant/in-situ			
23-4-0497	SU251/L10	Artefact :	Intact/extant/in-situ			
23-4-0489	SU251/L2	Artefact :	Intact/extant/in-situ			
23-4-0490	SU251/L3	Artefact :	Intact/extant/in-situ			
23-4-0491	SU251/L4	Artefact :	Intact/extant/in-situ			
23-4-0492	SU251/L5	Artefact :	Intact/extant/in-situ			
23-4-0493	SU251/L6	Artefact :	Intact/extant/in-situ			
23-4-0494	SU251/L7	Artefact :	Intact/extant/in-situ			
23-4-0495	SU251/L8	Artefact :	Intact/extant/in-situ			
23-4-0496	SU251/L9	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0498	SU252/L1	Artefact :	Site salvaged; refer Table 3			Y
23-4-0499	SU252/L2	Artefact :	Intact/extant/in-situ			
23-4-0500	SU252/L3	Artefact :	Intact/extant/in-situ			
23-4-0501	SU253/L1	Artefact :	Intact/extant/in-situ			
23-4-0502	SU255/L1	Artefact :	Not in-situ	8/8/2017	Site unable to be located. Site status revised to 'Not a site'	Y
23-4-0503	SU255/L2	Artefact :	Complete harm	8/8/2017	A site inspection was made on foot by an engineer from the Silverton Wind Farm and two representatives of the Broken Hill Local Aboriginal Land Council prior to any of the proposed impacts taking place. It was decided that the access track could not be rerouted to avoid impacts to the site.	Y
23-4-0504	SU255/L3	Artefact :	Intact/extant/in-situ			
23-4-0505	SU257/L1	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0506	SU257/L2	Artefact	Intact/extant/in-situ			
23-4-0507	SU258/L1	Artefact :	Intact/extant/in-situ			
23-4-0508	SU258/L2	Artefact :	Intact/extant/in-situ			
23-4-0509	SU258/L3	Artefact :	Intact/extant/in-situ			
23-4-0510	SU258/L4	Artefact :	Intact/extant/in-situ			
23-4-0157	SU25L1	Artefact : 1	Intact/extant/in-situ			
23-4-0511	SU260/L1	Artefact :	Intact/extant/in-situ			
23-4-0512	SU260/L2	Artefact :	Intact/extant/in-situ			
23-4-0513	SU261/L1	Artefact :	Intact/extant/in-situ			
23-4-0514	SU261/L2	Artefact :	Intact/extant/in-situ			
23-4-0515	SU261/L3	Artefact :	Intact/extant/in-situ			
23-4-0516	SU261/L4	Artefact : 1, Hearth :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0517	SU261/L5	Artefact : 1, Hearth :	Intact/extant/in-situ			
23-4-0518	SU262/L1	Artefact : 3	Intact/extant/in-situ			
23-4-0519	SU262/L2	Hearth : 2	Intact/extant/in-situ			
23-4-0520	SU262/L3	Hearth : 1	Intact/extant/in-situ			
23-4-0521	SU262/L4	Hearth : 1	Intact/extant/in-situ			
23-4-0522	SU262/L5	Hearth : 1	Intact/extant/in-situ			
23-4-0523	SU262/L6	Hearth : 1	Intact/extant/in-situ			
23-4-0525	SU264/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0526	SU264/L2	Artefact : 1	Intact/extant/in-situ			
23-4-0527	SU264/L3	Artefact : 1	Intact/extant/in-situ			
23-4-0528	SU264/L4	Artefact : 1	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0542	SU267/L11	Artefact : 1	Intact/extant/in-situ			
23-4-0543	SU267/L12	Artefact : 1	Intact/extant/in-situ			
23-4-0544	SU267/L13	Artefact : 1	Intact/extant/in-situ			
23-4-0545	SU268/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0554	SU268/L10	Artefact : 1	Intact/extant/in-situ			
23-4-0555	SU268/L11	Artefact : 1	Intact/extant/in-situ			
23-4-0556	SU268/L12	Artefact : 1	Intact/extant/in-situ			
23-4-0557	SU268/L13	Artefact : 1	Intact/extant/in-situ			
23-4-0558	SU268/L14	Artefact : 1	Intact/extant/in-situ			
23-4-0559	SU268/L15	Artefact : 1	Intact/extant/in-situ			
23-4-0560	SU268/L16	Artefact : 1	Intact/extant/in-situ			
23-4-0546	SU268/L2	Artefact : 1	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0547	SU268/L3	Artefact : 3	Intact/extant/in-situ	Under Condition 20 of the CoC MOD3, this site must not be impacted	Under Condition 20 of the CoC MOD3, this site must not be impacted	
23-4-0548	SU268/L4	Artefact : 1	Intact/extant/in-situ			
23-4-0549	SU268/L5	Artefact : 1	Intact/extant/in-situ			
23-4-0550	SU268/L6	Artefact : 1	Intact/extant/in-situ			
23-4-0551	SU268/L7	Artefact : 1	Intact/extant/in-situ			
23-4-0552	SU268/L8	Artefact : 1	Intact/extant/in-situ			
23-4-0553	SU268/L9	Artefact : 1	Intact/extant/in-situ			
23-4-0561	SU269/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0562	SU269/L2	Artefact : 1	Intact/extant/in-situ			
23-4-0563	SU269/L3	Artefact : 1	Intact/extant/in-situ			
23-4-0564	SU269/L4	Artefact : 1	Intact/extant/in-situ			
23-4-0565	SU269/L5	Artefact : 1	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0158	SU26L1	Artefact : 1	Intact/extant/in-situ			
23-4-0566	SU270/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0567	SU270/L2	Artefact : 1	Intact/extant/in-situ			
23-4-0568	SU270/L3	Artefact : 1	Intact/extant/in-situ			
23-4-0569	SU270/L4	Artefact : 1	Intact/extant/in-situ			
23-4-0570	SU271/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0571	SU271/L2	Artefact : 1	Intact/extant/in-situ			
23-4-0572	SU271/L3	Artefact : 1	Intact/extant/in-situ			
23-4-0573	SU271/L4	Artefact : 1	Intact/extant/in-situ			
23-4-0574	SU271/L5	Artefact : 1	Intact/extant/in-situ			
23-4-0575	SU271/L6	Artefact : 1	Intact/extant/in-situ			
23-4-0576	SU271/L7	Artefact : 1	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0577	SU271/L8	Artefact : 1	Intact/extant/in-situ			
23-4-0578	SU271/L9	Artefact : 1	Intact/extant/in-situ			
23-4-0579	SU272/L1	Artefact :	Intact/extant/in-situ			
23-4-0580	SU272/L2	Artefact :	Intact/extant/in-situ			
23-4-0581	SU273/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0582	SU273/L2	Artefact : 1	Intact/extant/in-situ			
23-4-0583	SU273/L3	Artefact : 1	Intact/extant/in-situ			
23-4-0584	SU274/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0585	SU275/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0586	SU275/L2	Artefact :	Intact/extant/in-situ			
23-4-0587	SU275/L3	Artefact : 1	Intact/extant/in-situ			
23-4-0588	SU275/L4	Artefact : 1	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0589	SU275/L5	Artefact : 1	Intact/extant/in-situ			
23-4-0590	SU275/L6	Artefact : 1	Intact/extant/in-situ			
23-4-0591	SU275/L7	Artefact : 1	Intact/extant/in-situ			
23-4-0605	SU277/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0606	SU277/L2	Hearth : 1	Intact/extant/in-situ	Under Condition 20 of the CoC MOD 3, this site must not be impacted	Under Condition 20 of the CoC MOD ,3 this site must not be impacted	
23-4-0159	SU28L1	Artefact : 1	Intact/extant/in-situ			
23-4-0160	SU29L1	Artefact : 1	Intact/extant/in-situ			
23-4-0135	SU2L1	Artefact : 1	Intact/extant/in-situ			
23-4-0136	SU2L2	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0137	SU2L3	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0161	SU30L1	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0162	SU31L1	Artefact : 1	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0163	SU38L1	Artefact : 1	Intact/extant/in-situ			
23-4-0138	SU3L1	Stone Quarry : 1	Site salvaged; refer Table 3			Y
23-4-0164	SU41L1	Artefact : 1	Intact/extant/in-situ			
23-4-0165	SU41L2	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0166	SU42/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0167	SU43L1	Artefact : 1	Intact/extant/in-situ			
23-4-0168	SU43L2	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0169	SU43L3	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0170	SU43L4	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0171	SU44L1	Artefact : 1	Intact/extant/in-situ			
23-4-0172	SU45L1	Artefact : 1	Intact/extant/in-situ			
23-4-0173	SU46L1	Artefact : 1	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0174	SU47L1	Artefact : 1	Intact/extant/in-situ			
23-4-0175	SU48L1	Artefact : 1	Intact/extant/in-situ			
23-4-0176	SU49L1	Artefact : 1	Intact/extant/in-situ			
23-4-0139	SU4L1	Stone Quarry :	Intact/extant/in-situ			
23-4-0140	SU4L2	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0177	SU50L1	Artefact : 1	Intact/extant/in-situ			
23-4-0178	SU51/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0179	SU52/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0180	SU53/L1	Artefact : 1	Intact/extant/in-situ			
23-4-0181	SU54L1	Artefact : 1	Intact/extant/in-situ			
23-4-0182	SU55L1	Artefact : 1	Intact/extant/in-situ			
23-4-0183	SU56L1	Artefact : 1	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0184	SU56L2	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0185	SU58L1	Artefact :	Intact/extant/in-situ			
23-4-0186	SU59L1	Artefact : 1	Intact/extant/in-situ			
23-4-0187	SU59L2	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0188	SU59L3	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0141	SU5L1	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0142	SU5L2	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0143	SU5L3	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0189	SU60L1	Artefact : 1	Intact/extant/in-situ			
23-4-0190	SU61L1	Artefact : 1	Intact/extant/in-situ			
23-4-0191	SU62L1	Artefact : 1, Hearth : 1	Intact/extant/in-situ			
23-4-0192	SU63L1	Artefact : 1	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0193	SU63L2	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0195	SU64/L2	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0194	SU64L1	Artefact : 1, Hearth : 1	Intact/extant/in-situ			
23-4-0196	SU65L1	Artefact : 1, Hearth : 2	Intact/extant/in-situ			
23-4-0197	SU67L1	Artefact : 1	Intact/extant/in-situ			
23-4-0198	SU69L1	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0144	SU6L1	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0199	SU70L1	Artefact : 1	Intact/extant/in-situ			
23-4-0200	SU71L1	Artefact : 1	Site salvaged; refer Table 3			Y
23-4-0201	SU74L1	Artefact : 1	Intact/extant/in-situ			
23-4-0202	SU75L1	Artefact : 1	Intact/extant/in-situ			
23-4-0203	SU76L1	Artefact : 1	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0204	SU76L2	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0206	SU78L1	Artefact : 1	Intact/extant/in-situ			
23-4-0207	SU79L1	Artefact : 1	Intact/extant/in-situ			
23-4-0208	SU81L1	Artefact : 1	Intact/extant/in-situ			
23-4-0209	SU82L1	Artefact : 1	Intact/extant/in-situ			
23-4-0210	SU85L1	Artefact : 1	Intact/extant/in-situ			
23-4-0211	SU86L1	Artefact : 1	Intact/extant/in-situ			
23-4-0212	SU86L2	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0213	SU86L3	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0214	SU87L1	Artefact : 1	Intact/extant/in-situ			
23-4-0215	SU87L2	Stone Quarry : 1	Intact/extant/in-situ			
23-4-0216	SU87L3	Stone Quarry : 1	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0217	SU88L1	Artefact : 1	Intact/extant/in-situ			
23-4-0218	SU89L1	Artefact :	Intact/extant/in-situ			
23-4-0219	SU90/L1	Artefact :	Not in-situ	7/6/2017	ASIRF states: A site inspection was undertaken by representatives of the Broken Hill Local Aboriginal Land Council with an engineer from the Silverton Wind Farm. The location of the previously recorded site was inspected. The representatives declared that nothing could be found at the previously recorded location of the artefact.	Y
23-4-0220	SU91/L1	Artefact :	Intact/extant/in-situ			
23-4-0221	SU92/L1	Artefact :	Intact/extant/in-situ			
23-4-0222	SU93/L1	Artefact :	Intact/extant/in-situ			
23-4-0223	SU94/L1	Artefact :	Intact/extant/in-situ			
23-4-0224	SU94/L2	Artefact :	Intact/extant/in-situ			

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0225	SU94/L3	Artefact :	Intact/extant/in-situ			
23-4-0226	SU95/L1	Artefact :	Intact/extant/in-situ			
23-4-0227	SU95/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0228	SU96/L1	Artefact :	Intact/extant/in-situ			
23-4-0229	SU97/L1	Artefact :	Intact/extant/in-situ			
23-4-0230	SU97/L2	Stone Arrangement :	Intact/extant/in-situ			
23-4-0231	SU97/L3	Stone Arrangement :	Intact/extant/in-situ			
23-4-0232	SU98/L1	Artefact :	Intact/extant/in-situ			
23-4-0233	SU98/L2	Stone Arrangement	Intact/extant/in-situ			
23-4-0234	SU99/L1	Artefact :	Intact/extant/in-situ			
23-4-0145	SU9L1	Stone Quarry : 1	Site salvaged; refer Table 3			Y
23-4-0146	SU9L2	Stone Quarry : 1	Site salvaged; refer Table 3			Y

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AHIMS No	Site ID	Description	Status	Date of salvage/harm	Location of salvaged material	ASIRF Y/N
23-4-0630	SWF SU273/L4	Artefact, Hearth, Potential Archaeological Deposit (PAD)	Intact/extant/in-situ			
23-4-0631	SWF SU273/L5	Artefact :	Intact/extant/in-situ			
23-4-0632	SWF SU279/L1	Artefact : 40	Intact/extant/in-situ			

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4.2 Non-Aboriginal heritage impacts

The potential impacts of the project on non-Aboriginal heritage can be categorised as follows:

- A whole or complete degree of direct impact to a heritage item resulting in the physical loss of the item.
- Partial or minor direct impact to heritage item(s).
- Indirect impacts, such as to the contextual and landscape values associated with an item.
- Indirect impact to items of heritage which could be moved to avoid direct impact and as a consequence lose contextual integrity.
- No significant impact. This category involves instances where the development would either not pose an impact to a heritage item (direct or indirect) or any impacts would be insignificant and would not reduce the heritage value or significance of the item.

Potential impacts to non-Aboriginal heritage sites during construction were outlined in the following document:

- Silverton Wind Farm NSW Stage 1 – Aboriginal Heritage and Non Indigenous Heritage Assessment: Volume 1, Prepared for NGH Environmental Pty Ltd (Dibden 2008).

The operations of the Silverton Wind Farm do not appear to have any potential impacts upon non-Aboriginal heritage sites. However, in the event that additional disturbance is anticipated to occur outside of the areas explicitly surveyed in in Silverton *Wind Farm NSW Stage 1 – Aboriginal Heritage and Non Indigenous Heritage Assessment: Volume 1*, (Dibden 2008), then these disturbances will need to undergo additional heritage assessment and impact mitigation processes prior to the commencement of any associated works.

Where additional items are identified, an assessment will need to be made as to the significance of the item. Advice regarding unexpected non-Aboriginal heritage is discussed in Section 5.2 below.

5 Environmental mitigation measures

5.1 Operational related measures

A range of environmental requirements are identified in the CoC MOD 3, Section 20 and Section 21. Specific mitigation measures to address impacts on Aboriginal and non-Aboriginal heritage are outlined in Table 5 below. Where required, further details of the proposed mitigation measures are provided in Section 5.2.

Table 5 Operational related measures

Protocol	Requirement	Personnel
GENERAL OPERATIONAL REQUIREMENTS		
1	Specific protections for heritage items listed in Table 3 of CoC MOD3	Site Management/EHS National Manager
2	Heritage Induction for all employees, contractors and sub-contractors	Site Management/EHS National Manager
3	A procedure to protect Aboriginal heritage sites within the Project disturbance area	Site Management/EHS National Manager
4	A procedure to protect Aboriginal heritage sites outside of the Project disturbance area	Site Management/EHS National Manager
5	Contingency plan if Aboriginal heritage items outside the approved disturbance area are damaged	Site Management/EHS National Manager
6	A strategy for the long term management of Aboriginal heritage items or material salvaged in accordance with this HMP	Site Management/EHS National Manager
7	A strategy for maintaining and managing reasonable access for Aboriginal stakeholders to Aboriginal heritage items located within the Project area throughout the operational life of the Project	Site Management/EHS National Manager
8	A strategy for ongoing consultation with Aboriginal stakeholders regarding the management and conservation of Aboriginal cultural heritage throughout the operational life of the Project	Site Management/EHS National Manager
9	A procedure to protect non-Aboriginal heritage sites within the Project disturbance area	Site Management/EHS National Manager
10	A procedure to protect non-Aboriginal heritage sites outside the Project disturbance area	Site Management/EHS

Protocol	Requirement	Personnel
		National Manager
11	Contingency plan if non-Aboriginal heritage items outside the approved disturbance area are damaged	Site Management/EHS National Manager
12	Photographic and archival recording of all non-Aboriginal heritage items affected by the Project	Site Management/EHS National Manager
13	A procedure to follow for conducting further archaeological and heritage assessments in any disturbance areas where assessment has not been carried out	Site Management/EHS National Manager
UNEXPECTED/CHANCE FINDS REQUIREMENTS		
14	Procedure to follow in the event of the discovery of human remains	Site Management/EHS National Manager
15	Procedure to follow in the event of unexpected Aboriginal finds	Site Management/EHS National Manager
16	Procedure to follow in the event of unexpected non- Aboriginal finds	Site Management/EHS National Manager

5.2 General Operational Requirements

5.2.1 Protocol 1: Specific protections for heritage items listed in Table 3 of CoC MOD3

No direct or indirect impacts will occur to the heritage items listed in Table 6 below. Locations of these items are shown in the maps comprising Figure 3.

Table 6 Heritage items listed in CoC 20 MOD3

Aboriginal Heritage Item (AHIMS number)	Map sheet (Figure #)	Non-Aboriginal Heritage Item	Map sheet (Figure #)
SU 268/L3 (23-4-0547)	1.3.7	SU 53/HS1	1.3.8
SU 277/L2 (23-4-0606)	1.3.8	SU 235/HS1 (also SU 235/HS1a)	1.3.1
		SU 239/HS1	1.3.2

5.2.2 Protocol 2: Heritage inductions for all employees, contractors and sub-contractors working in the Project area

All employees, contractors and sub-contractors must undertake a heritage induction as part of a site induction prior to commencement of any duties within the Project area. Further details of a heritage induction package have been provided in Section 7 and Appendix A of this HMP.

5.2.3 Protocol 3: Procedure to protect Aboriginal heritage sites within the Project disturbance area

The boundaries of all Aboriginal heritage sites that are located within the Project disturbance area will be:

- Clearly marked with star pickets/or pegs and high visibility flagging tape to ensure that no impacts can occur to these sites.
- Included in site heritage inductions.
- Clearly marked on maps, with a description of the site and site coordinates available to all employees, contractors and sub-contractors as needed.
- Where sites cannot be identified or located, advice shall be sought from the Project archaeologist.

5.2.4 Protocol 4: Procedure to protect Aboriginal heritage sites outside the Project disturbance area

Where appropriate the boundaries of Aboriginal heritage sites that are located outside of, but in close proximity to, the Project disturbance area will be clearly marked with star pickets/pegs and high visibility flagging tape to ensure that no impacts can occur to these sites. In addition, all employees, contractors and sub-contractors shall:

- Be made aware of the locations of these sites during site induction.
- Seek permission to travel across areas outside of the disturbance areas from the Site Manager and the BHLALC.
- Be provided with access to maps, with a description of the site and site coordinates available to all employees, contractors and sub-contractors as needed.
- Where sites cannot be identified or located, advice shall be sought from the Project archaeologist.

5.2.5 Protocol 5: Contingency plan if Aboriginal heritage items outside the approved disturbance area are damaged

In the event that Aboriginal heritage items outside of the approved disturbance area are damage, GE Capital must advise Heritage NSW immediately. Heritage NSW can be contacted through Environmental Line on 131 555 as soon practical. Establish an appropriate no go zone until the area can be inspected and advice sought from the Heritage NSW on how to proceed.

5.2.6 Protocol 6: A strategy for the long term management of Aboriginal heritage items or material salvaged in accordance with this HMP and with the Code of practice (DECCW, 2010)

Consultation with Aboriginal stakeholders for a Care and Control agreement will be conducted following the RAPs' review of the Silverton Wind Farm Project Operational HMP.

Documentation of all salvaged materials will be in accordance with Requirement 26 – Stone artefact disposition and storage within the Code of practice (DECCW 2010b) and/or the wishes of the RAPs.

Following the salvage of each Aboriginal site, an Aboriginal Site Impact Recording Form (ASIRF) will be prepared and submitted to AHIMS.

5.2.7 Protocol 7: A strategy for maintaining and managing reasonable access for Aboriginal stakeholders to Aboriginal heritage items located within the Project area throughout the operational life of the Project

GE Renewables acknowledges that Aboriginal community members may wish to access the Project area at times for cultural purposes (e.g. education, ceremony). GE Renewables is committed to facilitating such access wherever possible. Aboriginal community members wishing to access the Project area will be asked to contact the Project Manager and/or Senior Environmental Officer in writing or register a verbal request, at least 14 days prior to their preferred date of access. Requests for access will be assessed by GE Renewables and managed in accordance with the *GE Silverton Windfarm – Windfarm Access Policy Statement*. A copy of the policy statement is provided on the following page. Where granted, access will be subject to relevant operational and safety considerations. Access to some areas may be restricted during construction.

In areas outside the windfarm owners' lease, the windfarm owner will assist BHLALC to facilitate access to Aboriginal heritage sites by members of the Aboriginal community.

GE SILVERTON WIND FARM
WIND FARM ACCESS POLICY STATEMENT

GE is committed to providing a safe, healthy and secure work environment for all employees, contractors and visitors to the Global Operations. Achieving environmental, health, safety (EHS) and Security & Crisis Management (SCM) excellence will be accomplished through the application of the following EHS principles:

- EHS & SCM are the responsibility of all onsite personnel.
- Appropriate measures to reduce or eliminate workplace injuries, illnesses, EHS and security risks will be taken.
- All employees, contractors and visitors will comply with all local established EHS laws, regulations, codes and GE and Site EHS & SCM policies and requirements. Both positive recognition and disciplinary process will be used.
- Unreasonable risks to the environment from onsite activities will be eliminated.
- Visitors will be escorted for the duration of their visit to the site

To achieve these principles, your cooperation is required as a visitor to site. Responsibilities have been defined as below and a list of contact numbers for the Silverton Wind Farm – O&M can be found below.

Requirements for Intent to Visit:

- A minimum two-week notice period of intent to visit is issued to the Site Service Manager/EHS Co-Ordinator, preference via writing
- If Visitors wish to leave the formed roads and hardstands and building/substation areas of the wind farm, you will need written permission from the Landholder/s prior to visiting the wind farm. Visitors will need to produce this upon entrance to site
- A clear description/map of the area/s to be visited and activities conducted needs to be provided to Site Service Manager/EHS Co-Ordinator along with above mentioned notice to visit
- Phone call to either Site Service Manager/EHS Co-Ordinator 24-hours prior to visit to confirm site entrance is still approved and there are no issues/concerns regarding access

Onsite responsibilities:

- Sign-in/out at the visitor log and comply with all site rules (e.g., badging, escorts, evacuations, etc.)
- Follow all instruction of your escort
- Report any accidents, unsafe situations and safety/security concerns to your escort
- Conduct yourself in a safe manner so as to not cause disruption/injury to personnel, plant, equipment, environment, or cultural heritage sites
- Comply with all site rules whilst onsite (e.g., seatbelts to be worn, UHF call ups to be complied with, etc.)
- Visitors may be alcohol and/or drug tested on arrival and access may be refused if results are not clear.

***Please note:**

- You as the visitor are responsible for contacting the above-mentioned personnel to ensure access is still open
- Approval to enter the Wind Farm is at the discretion of the Site Service Manager and/or EHS Co-Ordinator
- Upon entry to the Wind Farm, you assume all risks associated with your participation in onsite visit activities such as physical and/or psychological injury, pain, suffering, illness, disfigurement, temporary or permanent disability, death or economic loss. These injuries or outcomes may arise from your own or other's actions, inactions, or negligence to the condition of the activity location/s. Nonetheless, you assume all risks of your visit, whether known or unknown to you or the Site Team, including any events incidental to your visit.

Onsite Contact Details:
Site Manager: Michael Brownlie – 0447 513 865
EHS: Alana Philp – 0439 715 836
Security: Michael Brownlie – 0447 513 865

5.2.8 Protocol 8: A strategy for ongoing consultation with Aboriginal stakeholders regarding the management and conservation of Aboriginal cultural heritage throughout the operational life of the Project

GE Renewables acknowledges the importance of ongoing consultation and engagement with RAPs and Aboriginal stakeholders in managing and conserving Aboriginal cultural heritage across the operational life of the Project. To this end, GE Renewable will adopt the principles outlined in the Australian Heritage Commission's *Ask First* guidelines (Australian Heritage Commission 2002). These principles require that all parties concerned with identifying, conserving and managing Aboriginal heritage should acknowledge, accept and act on the understanding that Aboriginal people:

- Are the primary source of information on the value of their heritage and how this is best conserved.
- Must have an active role in any Aboriginal heritage planning process.
- Must have input into primary decision-making in relation to Aboriginal heritage so they can continue to fulfil their obligations towards this heritage.
- Have a right to retain control of their cultural knowledge, including intellectual property and other information relating specifically to their heritage.

Consultation with Aboriginal stakeholders will be continued throughout the life of this project as per the contingency consultation plan below:

- Aboriginal stakeholders should be consulted:
  - Regarding the preparation of the HMP.
  - In any subsequent revisions or amendments of the HMP as set out in Section 8.2 with the exception of the minor amendments described in Section 8.3.
  - If unanticipated Aboriginal objects are encountered.
  - Within 24 hours of known Aboriginal ancestral remains being encountered.
  - If a strategy for the care, control and storage of Aboriginal objects needs to be developed.
  - To participate in any specific event based excavations or monitoring of Aboriginal heritage sites.
  - If further information on Aboriginal cultural heritage objects or sites within the Project area is received.
  - Should the need for additional measures to manage and/or protect Aboriginal heritage objects or sites within the Project area cultural values be identified.
- Aboriginal stakeholders should be given a minimum of 28 days to provide comments on draft reports before submission to Heritage NSW, and DPIE.
- A final copy of the reports should be provided to RAPs within 14 days of report being submitted to Heritage NSW and DPIE.

5.2.9 Protocol 9: Procedure to protect non-Aboriginal heritage sites within the Project disturbance area

The boundaries of all non-Aboriginal heritage sites that are located within the Project disturbance area will be:

- Clearly marked with star pickets/or pegs and high visibility flagging tape to ensure that no impacts can occur to these sites.
- Included in site heritage inductions.
- Clearly marked on maps, with a description of the site and site coordinates available to all employees, contractors and sub-contractors as needed.
- Where sites cannot be identified or located, advice shall be sought from the Project archaeologist.

5.2.10 Protocol 10: Procedure to protect non-Aboriginal heritage sites outside the Project disturbance area

Where appropriate, the boundaries of non-Aboriginal heritage sites that are located outside of, but in close proximity to, the Project disturbance area will be clearly marked with star pickets/pegs and high visibility flagging tape to ensure that no impacts will occur to these sites.

In addition, all employees, contractors and sub-contractors shall:

- Be made aware of the locations of these sites during site induction.
- Seek permission to travel across areas outside of the disturbance areas from the Site Manager.
- Be provided within access to maps, with a description of the site and site coordinates available to all employees, contractors and sub-contractors as needed.
- Where sites cannot be identified or located, advice shall be sought from the Project archaeologist.

5.2.11 Protocol 11: Contingency plan if non-Aboriginal heritage items outside the approved disturbance area are damaged

In the event that non-Aboriginal heritage items outside of the approved disturbance area are damage, GE Renewables must advise Heritage NSW immediately. Heritage NSW can be contacted through Environmental Line on 131 555 as soon practical. Establish an appropriate no go zone until the area can be inspected and advice sought from the Heritage NSW on how to proceed.

5.2.12 Protocol 12: Photographic and archival recording of all non-Aboriginal heritage items that would be affected by the Project

All heritage items within the Project area shall be photographed and recorded in accordance with the guidelines set out in the following documents:

- *Historical Archaeology Code of Practice* (Heritage Office & Department of Planning 2006)
- How to prepare archival records of heritage items (Heritage Office 1998).
- Heritage Information Series – Photographic Recording of Heritage Items Using Film of Digital Capture (New South Wales Heritage Office 2006)

All archival and photographic recording of heritage items shall be carried out by a qualified archaeologist, in consultation with the local community and GE Renewables.

5.2.13 Protocol 13: Procedure for undertaking additional archaeological investigations and/or salvage measures to non-Aboriginal heritage items.

Any additional archaeological investigations must take place in accordance with the *Heritage Act 1977*.

Should salvage of, or disturbance to any non-Aboriginal archaeological heritage items be required, an Excavation Permit from the Heritage Council of NSW (pursuant to Section 140 of the Act) must be sought,

unless there is an applicable exception (pursuant to Section 139(4)). Excavation permits are issued by the Heritage Council of NSW in accordance with sections 60 or 140 of the Heritage Act.

5.3 UNEXPECTED/CHANCE FINDS REQUIREMENTS

5.3.1 Protocol 14: Procedure to follow in the event of the discovery of human remains

If any suspected human remains are discovered within the Project area, all activity must cease. The following process must be undertaken:

- Immediately cease all work at that location and not further move or disturb the remains.
- Notify the NSW Police, Planning and Infrastructure and Heritage NSW's Environmental Line on 131 555 as soon as practicable and provide details of the remains and their location.
- Establish an appropriate no-go area. This will need to be established in consultation with NSW Police, Heritage NSW and if necessary, a qualified archaeologist.
- Works will not be able to recommence within the location of the find until confirmation from NSW Police and Heritage NSW is obtained. If the remains are confirmed as not being human then works may recommence. In the event that remains are human then consultation, with NSW Police, Heritage NSW and the Aboriginal stakeholders to establish a plan of management.
- Works in the vicinity of the find will only be able to commence once the plan of management has been established and approval has been obtained from all relevant parties.
- Should any human remains be identified, this will trigger a review of this CHMP in accordance with Section 7.

5.3.2 Protocol 15: Procedure to follow in the event of chance/unexpected Aboriginal finds

Please refer to Appendix D: Chance/Unexpected Finds Protocol for full detail. Appendix A contains also guidelines to assist Project employees and contractors in the identification of Aboriginal objects and site types.

5.3.3 Protocol 16: Procedure to follow in the event of unexpected non-Aboriginal finds

Where non-Aboriginal items are identified, an assessment will need to be made as to the significance of the item. Non-Aboriginal) heritage items may include Archaeological 'relics' or other non-Aboriginal items (i.e. works, structures, buildings or movable objects).The *Heritage Act 1977* defines a relics as:

> *"...any deposit, artefact, object or material evidence that relates to the settlement of the area that comprises NSW, not being Aboriginal settlement; and is of State or local heritage significance..."*

The following process should be followed with respect to unexpected items:

- Should any suspected non-Aboriginal items be encountered during works associated with this proposal, works must cease in the vicinity and the find should not be moved until assessed by a qualified archaeologist
- The archaeologist will investigate and assess the non- Aboriginal item to determine the nature, extent and significance of the find. This will enable recommendations to be provided on how work can proceed and whether any further work is required. The archaeologist must supply written advice to the Project Manager within 24 hours stating:
  - Determination of whether the find is a relic.

- Advice on whether how the project is to proceed and whether the establishment of any no-go areas is necessary.
- Recommendation on further works that may be required and timeframe for completion of these works.

- NSW Heritage Division may need to be notified. This will include a statement concerning the find, management measures implemented and notification of any further works arising.
- Should any Aboriginal objects be identified, the procedure outlined in Appendix D shall be implemented.

6 Compliance management

6.1 Roles and responsibilities

The GE Renewables Project Manager is responsible for ensuring all activities in this manual are carried out during operation of the windfarm, along with reporting any incidents to Heritage NSW.

Operational site personnel and contractors must comply with the activities outlined in this manual and any deviation to activities outlined in this manual must be reported to the Environmental Business Partner, Renewables VIC/NSW – AGL.

Table 7 Roles and responsibilities and contact details

Name	Role / responsibility	Contact details
Bree Lacey, AGL	Environmental Business Partner, VIC & NSW	0417 921 124
South West Planning Team	Heritage NSW (south-west region)	131 555
Amanda Markham	Project Archaeologist	0400 988 963

6.2 Record keeping

The following records must be kept by the archaeologist, site personnel and contractors and the GE Renewables Project Manager:

- Records of the identified heritage items on Aboriginal Heritage Information Management System standard documentation records.

6.3 Incidents

In accordance with condition 5 of the Conditions of Consent – MOD3, GE Renewable Energy must immediately notify the Secretary and other relevant agencies of any incident which causes or threatens to cause material harm to the environment, inclusive of Aboriginal and non-Aboriginal heritage items.

If an incident occurs that results in actual or potential impacts or harm to known heritage items and/or archaeological items that are discovered unexpectedly, both Heritage NSW and the Secretary of the Department of Planning, Industry and Environment (the Secretary) must be informed immediately, via the following process:

- The incident must be immediately reported to the NSW Environment Line on 131 555.

A written report to Heritage NSW and the Secretary must also be sent to the GE Renewable Energy Service Manager, the BHLALC, and the archaeologist. The report must include the following information:

- Any contravention to the strategies outlined in the HMP.
- The nature of the incident.
- The actual or likely impact of the incident on Aboriginal objects and/or Aboriginal places.
- The nature and location of the Aboriginal objects and/or places, referring to and providing maps and photos where appropriate.

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- The measures which have been taken or will be taken to prevent a recurrence of the incident.

6.4 Auditing

In accordance with condition 7 of the Conditions of Consent – MOD3, regular and independent environmental audits of the project must be undertaken. The first audit must be undertaken within one year of the commencement of construction, and every three years thereafter, unless the Secretary directs otherwise. GE Renewable Energy must commission and pay the full cost of an Independent Environmental Audit of the project.

This audit must:

- Be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary.
- Include consultation with the relevant agencies.
- Assess the environmental performance of the project and assess whether it is complying with the requirements in the Conditions of Consent – MOD 3 and any relevant EPL/s.
- Review the adequacy of any approved strategy, plan or program required under the abovementioned approvals.
- Recommend measures or actions to improve the environmental performance of the project, and/or any strategy, plan or program required under these approvals.

Within three months of commissioning the audit, or as otherwise agreed upon by the Secretary, GE Renewable Energy must submit a copy of the audit report to the Secretary, along with its response to any recommendations.

Should the audit or its recommendations trigger a review and revision of this HMP, then it will be updated in accordance with the procedure set out in Section 8.3.

6.5 Regular reporting

In accordance with condition 6 of the Conditions of Consent – MOD3, the Proponent must provide regular reporting on the environmental performance of the project on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this approval.

6.6 Public access to information

In accordance with condition 9 of the Conditions of Consent – MOD3, the Proponent must make the following information publicly available on its website as relevant to the stage of the project:

- The EA.
- The final layout plans for the project.
- Current statutory approvals for the project.
- Approved strategies, plans or programs required under the conditions of this approval.
- The proposed staging plans for the project if the construction, operation and/or decommissioning of the project is to be staged.

- A comprehensive summary of the monitoring results of the project, which have been reported in accordance with the various plans and programs approved under the conditions of this approval.
- A complaints register, which is to be updated on a monthly basis.
- Minutes of CCC meetings.
- The annual Statement of Compliance with the EPL.
- Any independent environmental audit, and the Proponent's response to the recommendations in any audit.
- Any other matter required by the Secretary.

This information must be kept up to date, to the satisfaction of the Secretary.

7 Training and Awareness

All site personnel must comply with all GE Renewable Energy EHS manuals and procedures. As part of the operation of the windfarm, site personnel must undertake a cultural heritage induction which will include the following:

- A description of Aboriginal cultural heritage in Australia
- A description of Aboriginal cultural heritage in the Broken Hill area (recommended to be undertaken by a Wilyakali person)
- A description of the tangible and intangible aspects of Aboriginal heritage and why it is important (recommended to be undertaken by a Wilyakali person)
- An overview of the NPW Act and the Heritage Act and the implications and fines applicable for breaching the Acts
- A general overview of historic heritage in the Silverton/Broken Hill area
- A description of all historic heritage site types within the Project area
- The process for reporting unknown cultural heritage sites
- The process for reporting damage to cultural heritage sites
- The process for reporting human remains

In addition to the above, Biosis will provide an overview of each recorded Aboriginal heritage site which has been identified on the Silverton Wind Farm Project. This will include:

- The site boundaries and how they have been marked
- The content of the site
- Whether any salvage works have taken place.

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8 Review and improvement

8.1 Continuous improvement

Opportunities for the improvement of this HMP will be found through the ongoing evaluation of environmental management performance against environmental policies, objectives and targets. The purpose of this is to:

- Identify opportunities for the improvement of environmental management and performance.
- Determine the cause or causes of non-conformances and deficiencies.
- Development and implementation of a plan of corrective and preventative actions to address any non-conformances and deficiencies in this HMP.
- Corroborate the efficiency of the corrective and preventative actions.
- Document any changes in procedures resulting from process improvement.
- Revise the objectives and targets of this HMP accordingly.

8.2 HMP update and amendment

This will occur as needed. A copy of the updated HMP and changes will be distributed to all relevant stakeholders in accordance with the approved document control procedure. The HMP will also be updated and resubmitted for approval in the event a previously unidentified heritage items is found. The updated HMP must also include a section that describes the monitoring of and effectiveness of any mitigation measures implemented to protect heritage items, and must also report upon any impacts the proposal has upon the heritage items discussed in this HMP.

Revisions to this HMP, if required, must be undertaken by a suitably qualified archaeologist in consultation with GE Renewables, DPIE and Heritage NSW. With the exception of the minor changes defined below, the amended HMP must be forwarded to all relevant stakeholders for review and comment if required and also forwarded to the Planning Secretary for approval.

A review and amendment to this HMP must be conducted by a suitably qualified archaeologist in the following instances:

- If recommended by an independent audit.
- Within one month of changes to the Conditions of Consent, license conditions or relevant legislation relating to Aboriginal heritage.
- Within one month of any reportable Aboriginal heritage-related incidents within the Project's construction footprint.
- Within one month of the discovery of a previously unidentified heritage item.

Revised versions of the HMP will be made available and distributed to RAPs through the processes described in Section 5.2.8. Changes will also be communicated through toolbox talks to existing onsite personnel and incorporated into environmental induction materials.

8.2.1 Minor permissible amendments

Minor permissible changes to the HMP which do not require comments from RAPs or the Planning Secretary are as follows:

- Changes that are administrative in nature (e.g. staff and agency/authority name changes).
- Changes in response to audit findings or periodic reviews, subject to the significance of any audit or review findings.
- Do not compromise the ability of the Project to meet legislative requirements and are consistent with terms of the approval, and does not include any modifications to the terms of Project approval.

8.3 Revision of HMP

In accordance with the requirements of the Conditions of Consent - MOD 3, summarised in item 3, Table 1, the HMP must be reviewed, and if necessary, revised, to the satisfaction of the Secretary within three months of any of the following events:

- The lodging of an incident report as per Condition 5 of Conditions of Consent - MOD 3.
- The completion of an audit report as per Condition 7 of the Conditions of Consent - MOD 3.
- A modification to the Conditions of Consent - MOD 3 of the approval, unless the conditions require otherwise.

Should a review require any revisions of the HMP, then the revised HMP must be submitted to the Secretary for approval within four weeks of the revision.

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Appendix A Identifying Aboriginal objects and site types



Isolated stone artefact

Stone artefacts are any that item of stone material made or modified by people, including any debris left behind when such tools were made. Materials used to make stone artefacts may be found locally, or traded across long distances. Stone artefacts have been recorded in high numbers within the project area, with quartz, silcrete (pictured) and quartzite being the most types of raw materials encountered.



Stone artefact scatter

Stone artefact scatter sites comprise groups of stone tools, debris and the tools used in manufacture (i.e stone anvils and hammerstones). Artefact scatters can range from high-density concentrations of flaked stone and ground stone artefacts to sparse, low-density 'background' scatters and isolated finds. Stone artefacts scatters are common within the project area.



Shell middens

Shell middens are the remains of food production and processing areas, where people would have sat down to eat, cook or prepare food. Shell middens occur commonly in coastal areas, however they also occur inland near watercourses where freshwater mussels and other edible mollusc species may be present.

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Stone quarry

Stone quarries are places where Aboriginal people found the raw materials used to manufacture stone tools, such as flakes, points and blades. Within the project area, there area a large number rocky outcrops and other areas which have been identifed as stone quarry sites.



Hearth

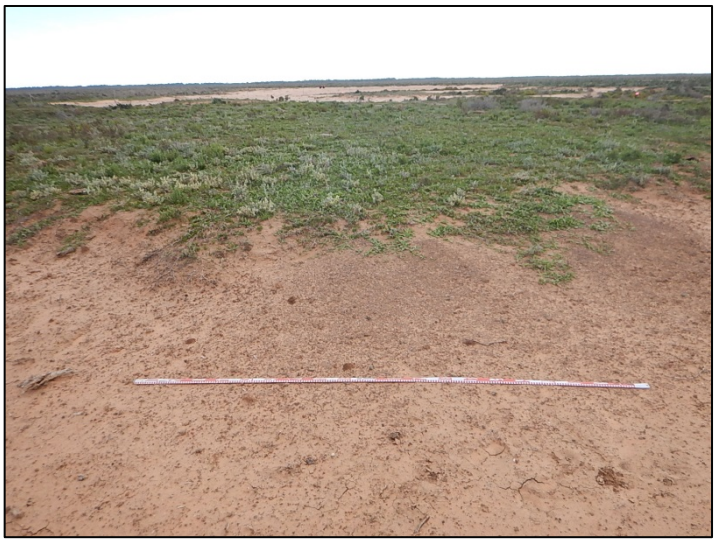
A hearth is the remains of a campfire, an oven or other food cooking and processing area. Hearths commonly contain baked clay, termite mound fragments broken up and used as 'heat retainers', small stones used in cooking, charcoal, burnt bone, shell and other food remnants. Hearths are moderately common within the project area.



Modified tree

A modified tree is any tree from which the back has been cut or harvested for the manufacture of containers (coolamon), canoes, shields, weapons and medicines. Scarring also occurred where toeholds were cut to allow people to climb trees to hunt possums, reptiles, birds or harvest wild honey.

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Earth mound

An earth mound is a raised area comprising large complex of hearth-like material, where multiple campfires or ovens have been used and re-used over long periods of time. Earth mounds commonly contain baked clay, termite mound fragments broken up and used as 'heat retainers', small stones used in cooking, charcoal, burnt bone, shell and other food remnants.



Burial

Burials comprise any traditional Aboriginal human skeletal remains, intact or fragmentary. Burials are uncommon within the project area. If any suspected human remains are encountered, the procedure set out in Section 5.3.1 must be followed.



Waterhole

Waterholes may comprise covered or uncovered rockholes (pictured), soakages, or traditional wells. Waterholes and soakages do occur within the region surrounding the project area.

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Aboriginal gathering and resource location

Resource gathering locations are places where food, medicines and plant material used as twine, in weaving or tool making by Aboriginal people exist. Many such locations are still accessed by contemporary Aboriginal people.

Appendix B Resume of report author

Curriculum vitae

Dr Amanda Markham

Position

Senior Archaeologist/Anthropologist



Qualifications

BA Hons (Anthropology/Sociology), PhD (Anthropology)

Grad. Cert (Archaeology)

MA (Archaeology) - current

Professional experience

Amanda Markham has over 20 years' experience in Anthropology and Archaeology throughout Australia, including extensively in remote outback Australia. Her project experience includes working for Aboriginal representative bodies, mining and exploration companies, Commonwealth, state and territory government agencies, community groups and Indigenous stakeholder groups. Over her career Amanda has developed a deep understanding of Aboriginal people and culture and has extensive experience providing advice on Aboriginal cultural heritage management.

Amanda's particular areas of expertise include cultural heritage management field work in remote areas with Aboriginal Traditional Owners, conducting heritage assessments under state and territory legislation, skeletal remains assessment and conducting archaeological and anthropological surveys and assessments.

Amanda has proven staff and project management skills and ability to simultaneously oversee multiple large complex projects to deliver client outcomes within tight time frames and budget constraints. Amanda's excellent communication and negotiation skills have seen her easily managing and building relationships between Aboriginal people and senior government and corporate figures.

Key project experience

Project Manager/Archaeologist	Menindee to Pooncarie Road 60 kilometres road upgrade, Aboriginal cultural heritage assessment. Aboriginal archaeological test excavations, skeletal remains assessments for Greend Edge Environmental on behalf of Central Darling Shire.
Project Manager/Archaeologist	Mamre South (Kemps Creek) Industrial Precinct State Significant Development Aboriginal due diligence assessment, historic heritage assessment, Aboriginal cultural heritage assessment and Aboriginal archaeological salvage works for Frasers Property and Altis Property Partners, Kemps Creek, Western Sydney.
Project Manager/Archaeologist	Concord Repatriation General Hospital Redevelopment Stage 1 Works. Aboriginal due diligence assessment, historic heritage

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	assessment, Aboriginal cultural heritage assessment, Statement of heritage impact, archival recording, skeletal (faunal) remains assessment for Johnstaff on behalf of Health Infrastructure NSW.
Project Manager/Archaeologist	Nimmie-Caira Interim Land Management Aboriginal Cultural Heritage Assessment. Aboriginal Heritage Impact Permit (AHIP), Aboriginal cultural heritage assessment, skeletal remains assessments, archaeological test excavations and cultural heritage management plan for Department of Planning, Infrastructure and Environment (SDLAM Water).
Archaeologist/Quality Assurance	Toorale National Park Environmental Water Delivery Scheme. Aboriginal Heritage Impact Permit (AHIP), Aboriginal cultural heritage assessment, archaeological test excavations and cultural heritage management plan for Office of Environment & Heritage, Dubbo NSW.

Other qualifications and training

General Induction for Construction Work in NSW, Work Cover

Provide first aid –St John Ambulance Australia

Advanced 4WD driving and vehicle recovery

Professional affiliations and memberships

Australian Archaeology Association (AAA)

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Appendix C Community consultation

This section documents consultation undertaken with both Aboriginal and non-Aboriginal stakeholders within an interest in the CHMP. Consultation with the Aboriginal community includes consultation with RAPs.

This section is to be updated and amended as per the guidelines set out in Section 8, Review and improvement. Copies of correspondence are attached following the consultation summary.

Aboriginal consultation

RAPs were consulted regarding the initial draft version of this CHMP on 9 and 10 March 2019. Written comments were provided to GE Renewable Energy by the BHLALC on behalf of all RAPs on 11 March 2019. Comments and corrections provided by RAPs have been approved and incorporated into the final CHMP. A copy of correspondence from the BHLALC containing RAPs' comments is provided on the following pages.

CHMP update 2021

Following the 2021 audit and update of the CHMP, the BHLALC was contacted by phone on 9 August 2021. A draft copy of the amended CHMP was sent to the BHLCALC via email on 18 August 2021. No response was received. Follow-up phone calls were made to the on 13 and 14 September, however no response was received. A copy of all relevant correspondence is provided in the following pages.

Non-Aboriginal consultation

The 2021 audit identified the Broken Hill Historical Society (BHHS) and the Silverton Village Committee (SVC) as stakeholders requiring consultation on the CHMP. A search of previous correspondence within Biosis' records was unable to determine whether either organisation had responded regarding the earlier drafts of the 2019 CHMP document.

CHMP update 2021

The BHHS was contacted via phone and email on 26 July 2021, enquiring whether the organisation had been sent a previous draft of the CHMP, and advising that revised document was available.

BHHS replied on 27 July 2021, stating that there had been a number of personnel changes, and it was unclear whether a copy of the original draft CHMP had been received. BHHS requested a copy of the revised draft CHMP, and advised that they would provide comment, if applicable, via email following a committee meeting.

Following a BHHS committee meeting on 9 August, the BHHS wrote a letter dated 16 August 2021, stating that the committee were accepting of the CHMP and had no comments or amendments

Contact details for the SVC were obtained from the Silverton Community website, and an email sent to the committee on 26 July 2021, enquiring whether the organisation had been sent a previous draft of the CHMP, and advising that revised document was available. No response was received to this email.

On 3 August 2021, Biosis Senior Archaeologist, Amanda Markham, called the Silverton Hotel, and spoke with the publican, Peter Price. Peter advised that he and one other person residing in Silverton were the only remaining members of the SVC, and that the organisation was on hiatus. Peter requested that a copy of the CHMP be sent to his email address. He advised that he would look at the document and only respond if he wanted anything to add or change in the CHMP. He advised that, if no response was received, then it meant that the SVC had no concerns with the draft CHMP. No response was received.

BROKEN HILL LOCAL ABORIGINAL LAND COUNCIL
84 OXIDE STREET .P.O.BOX 392, BROKEN HILL NSW 2880
TELEPHONE: 08 80 877413/80 877310 FAX: 08 80 877708
EMAIL: wwalalc@iinet.net.au

Monday, 11 March 2018

GE Renewable Energy Onshore Wind – Projects and Services
c/o Catherine Powers
Building 8, Level 2,
572 – 576 Swan Street,
Richmond VIC 3121

VIA email: Catherine.Powers12@ge.com

Dear Catherine,

On behalf of the Broken Hill Local Aboriginal Land Council (BHLALC) please accept the following comments and recommendations as the official BHLALC response to the Silverton Wind Farm Works: Operational Heritage management plan. The report was presented and workshopped on Saturday 9th March 2019 with the Board and the Sites Officers who were involved with surveying the Silverton Windfarm Project area and further workshopped by the Board on the 10th March 2019. The BHLALC would also like to acknowledge GE Renewable Energy employees Michael Brounlie and Alana Philp who were in attendance on Saturday the 9th March 2019.

The comments and recommendation received from the workshops held on the 9th and 10th March 2019 were presented to the Board at a duly constituted BHLALC Board Meeting also held on Sunday the 10th March 2019 for endorsement.

At the duly constituted BHLALC Board Meeting the board endorsed the following comments and recommendations which form part of the official response to the Silverton Wind Farm Works: Operational Heritage management plan.

The BHLALC request that all references made to Aboriginal Stakeholders be amended to clearly identify both the Broken Hill Local Aboriginal Land Council and Wilyakali Aboriginal Corporation (WAC).

Page 7 – 1.1 Project background

1. The word Local has been omitted in the Broken Hill Local Aboriginal Land Councils name
2. The Wilyakali Aboriginal Corporation is to be included in the list of organisations that have been consulted with
3. Both the Broken Hill Local Aboriginal Land Council and Wilyakali Aboriginal Corporation should have RAP in brackets after their names to show that they are the Registered Aboriginal Parties

Page 7 – 1.2 Study Area

Please include a paragraph acknowledging that the study area is on Wilyakali Country and located in the Broken Hill Local Aboriginal Land Council boundary.

Page 8 & 9 - 1.4 Purpose and objectives

It identifies the following measures would be implemented;

- Maintain and manage reasonable access for Aboriginal stakeholders to heritage items on site and;
- Provide for ongoing consultation with Aboriginal stakeholders in the conservation and management of Aboriginal cultural heritage on site.

The BHLALC would like to request a meeting with key personnel to produce the protocol or procedure to assist management to archive this objective.

Page 89 - 5.2.4 Protocol 4: Procedure to protect Aboriginal heritage sites outside the Project disturbance area

The BHLALC recommend the following amendment;

• Seek permission to travel across areas outside of the disturbance areas from the Site Manager ***and the BHLALC***

Including the BHLALC will ensure that the areas required to be travelled across are surveyed for Aboriginal objects. Surveys should be surveyed by at least one rep from the BHLALC and one rep from WAC. Including this safeguard could ensure that protocol 5.2.5 may never have to be initiated because of travel access outside the disturbance area.

Minor error in the following section;

• Be provided ***with*** access to maps, with a description of the site and site coordinates available to all employees, contractors and sub-contractors as needed

Page 90 - 5.2.7 Protocol 7: A strategy for maintaining and managing reasonable access for Aboriginal stakeholders to Aboriginal heritage items located within the Project area throughout the operational life of the Project

As stated above the BHLALC would like to participate in this strategy if it hasn't been developed. If it has been developed then the BHLALC would like to be consulted and provided with a copy.

Page 90 - 5.2.8 Protocol 8: A strategy for ongoing consultation with Aboriginal stakeholders regarding the management and conservation of Aboriginal cultural heritage throughout the operational life of the Project

As stated above the BHLALC would like to participate in this strategy if it hasn't been developed. If this has not been developed the BHLALC request that this be completed by 1st December 2019. If this strategy has been developed then the BHLALC request they be consulted with.

Page 90 - 5.2.9 Protocol 9: Procedure to protect non-Aboriginal heritage sites within the Project disturbance area

Error in the following section;
The boundaries of all **non-**Aboriginal heritage sites that are located within the Project disturbance area will be:

Page 94 - 7 Training and Awareness

The BHLALC strongly recommend that GE Renewable Energy engage a representatives of the Wilyakali Aboriginal Corporation to carry out certain sections of the Training and Awareness. The BHLALC recommend that a Wilyakali person carry out the following sections;

• A description of Aboriginal cultural heritage in the Broken Hill area
• A description of the tangible and intangible aspects of Aboriginal heritage and why it is important

Page 102 - Appendix D: Chance/Unexpected Finds Protocol

The BHLALC would like the following amended;

Should any Aboriginal objects be encountered during works associated with this proposal, works must cease in the vicinity and the find should not be moved until assessed by a qualified archaeologist ***and or the BHLALC***.

The archaeologist and or BHLALC will investigate and assess the Aboriginal object to determine the nature, extent and significance of the find. This will enable recommendations to be provided on how work can proceed and whether any further work is required. The archaeologist ***and or BHLALC*** must supply written advice to the Project Manager within 24 hours stating:

- Determination of whether the find is an Aboriginal object
- Advice on whether how the project is to proceed and whether the establishment of any no-go areas is necessary
- Recommendation on further works that may be required and timeframe for completion of these works.

Page 103 Stop Work sign

The following section should be amended;

If ***an*** Aboriginal object found notify ***both*** OEH ***and the BHLALC***.

The BHLALC board would like to thank GE Renewable Energy and Biosis for consulting with the BHLALC Board and Sites Officers and appreciate that we were provided the opportunity to be able to make comment on the Silverton Wind Farm Works: Operational Heritage Management Plan.

Yours sincerely,



Jarred Menz
Chairperson
chairperson.bhlalc@iinet.net.au

From:	Amanda Markham
To:	"corinna@bhlalc.org.au"
Subject:	Silverton Windfarm - Updated Heritage Management Plan
Date:	Wednesday, 18 August 2021 12:56:02 PM
Attachments:	Management Plan Review HMP July 2021.docx image1320b4.PNG
Importance:	High

Hi Corinna,

I spoke with you last week by phone, in reference to updates to the Silverton Windfarm Cultural Heritage Management Plan (CHMP). I've previously dealt with Amanda Stone (several years ago) regarding this matter – you mentioned that Amanda is back doing some work for the LALC and might be able to take a look at this.

The background to the amendments is that the General Electric were audited, and as a result, the Department of Planning, Industry and Environment (DPIE) made some suggestions for revisions to the CHMP. To make matters straightforward, I've attached this to the email. Anything marked as 'partial' or 'no' in column 2 needed to be addressed. Within the CHMP, I've highlighted in yellow everywhere that changes have been made to make it easy and quicker to identify our responses to the DPIE's comments.

I have attached a Hightail link to the updated management plan here: https://spaces.hightail.com/receive/7WxeVMm1du .

If someone could have a look at the changes and reply to me by COB 30 August, that would be wonderful.

Thanks

Amanda

Dr Amanda Markham
Senior Archaeologist
M: 0400 988 963
D: (02) 9101 8719
E: amarkham@biosis.com.au

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From: Amanda Markham
To: "secretarybhhsoc@gmail.com"
Subject: Comments on the Silverton Wind Farm Operational Cultural Heritage Management Plan
Date: Monday, 26 July 2021 1:57:58 PM

Dear Helen,

I am writing to you to ask whether the Broken Hill Historical Society was ever sent a copy of the Silverton Wind Farm Works, NSW: Operational Heritage Management Plan at any time in 2018 or late 2019? The reason I am asking is that there have been staff changes here at Biosis, and I am unable to ascertain whether you were provided a copy of the heritage management plan to comment on. If not, I can provide a copy to you either electronically or hardcopy at your request.

Please feel free to contact me via phone or email. I realise this is completely out of the blue, so my apologies for any confusion!

Cheers
Amanda

To: Amanda Markham <AMarkham@biosis.com.au>
Subject: Operational Management Plan
Hi Amanda,
The Broken Hill Historical Society has also had management changes since 2018, and I am unaware of the heritage Management Plan for the Wind Farm Works. However, you could please send a copy electronically for us to comment. Our Society is in recess for the time being due to Covid and its restrictions for holding meetings.
Please send the copy to the below email address:
Helen-daly@bigpond.com
Kind regards
Helen Daly
Secretary
Broken Hill Historical Society

From: Amanda Markham
To: "Helen Daly"
Subject: RE: Operational Management Plan
Date: Tuesday, 27 July 2021 3:49:24 PM

Hi Helen,

Many thanks for your reply. Much appreciated. The HMP is a large document, so I'll attach it via Hightail for download. I'll send it as a PDF: https://spaces.hightail.com/receive/f6BB6X0O6E

The context for my checking is that General Electric (who run the wind farm), have had an audit undertaken by the Department of Planning, Industry and Environment. It's a requirement of the Conditions of Consent for the wind farm's development that the Broken Hill Historical Society is consulted regarding the heritage management plan. You may have been sent an early draft copy to comment on, but I've been unable to find evidence as yet. So better to assume that you weren't and send you an updated version.

Again, many thanks for getting back to me, and please email or call if you have any queries.
Cheers
Amanda

From: Helen Daly <Helen-Daly@bigpond.com>
Sent: Tuesday, 27 July 2021 3:37 PM
To: Amanda Markham <AMarkham@biosis.com.au>
Subject: Operational Management Plan
Hi Amanda,
The Broken Hill Historical Society has also had management changes since 2018, and I am unaware of the heritage Management Plan for the Wind Farm Works. However, you could please send a copy electronically for us to comment. Our Society is in recess for the time being due to Covid and its restrictions for holding meetings.
Please send the copy to the below email address:
Helen-daly@bigpond.com
Kind regards
Helen Daly
Secretary
Broken Hill Historical Society

From: Helen Daly
To: Amanda Markham
Subject: RE: Operational Management Plan
Date: Monday, 16 August 2021 2:11:44 PM
Attachments: image001.png

Hi Amanda,
Our Society has had a meeting regarding the Operational Management Plan. I have now drafted a letter. Please could you send me the correct address for this although I will email the letter, and is there anyone else I should address this to. (other than yourself).
Thanks
Helen Daly
The Broken Hill Historical Society

From: Amanda Markham [mailto:AMarkham@biosis.com.au]
Sent: Tuesday, 27 July 2021 3:19 PM
To: 'Helen Daly' <Helen-Daly@bigpond.com>
Subject: RE: Operational Management Plan
Hi Helen,

Many thanks for your reply. Much appreciated. The HMP is a large document, so I'll attach it via Hightail for download. I'll send it as a PDF: https://spaces.hightail.com/receive/f6BB6X0O6E

The context for my checking is that General Electric (who run the wind farm), have had an audit undertaken by the Department of Planning, Industry and Environment. It's a requirement of the Conditions of Consent for the wind farm's development that the Broken Hill Historical Society is consulted regarding the heritage management plan. You may have been sent an early draft copy to comment on, but I've been unable to find evidence as yet. So better to assume that you weren't and send you an updated version.

Again, many thanks for getting back to me, and please email or call if you have any queries.
Cheers
Amanda

Dr Amanda Markham
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From: Helen Daly <Helen-Daly@bigpond.com>
Sent: Tuesday, 27 July 2021 3:37 PM

Broken Hill Historical Society Inc.

PO Box 212 Broken Hill, NSW 2880

brokenhillhistoricalsociety.com

Patrons: John Ralph AC; Simon R Molesworth AO QC

Dr. Amanda Markham
Senior Archaelogist
Biosis Pty Ltd
Unit 14
17-27 Power Avenue
Alexandria NSW 2015

16th August, 2021

Dear Amanda,

The Broken Hill Historical Society Inc. held a meeting on 9th August, 2021 to discuss, consult, and comment on the Operational Heritage Plan of the Silverton Wind Farm (General Electric).

On behalf of the Society I advise that all Committee members present are accepting of this Plan, and do not have anything further to add or delete from it.

We appreciate this opportunity to comment on the Operational Heritage Management Plan.

Yours sincerely,

Helen Daly

Helen Daly
The Broken Hill Historical Society
PO Box 212
Broken Hill NSW 2880

From:	Amanda Markham
To:	"info@beyond39dips.com.au"
Subject:	Comments on the Silverton Wind Farm Operational Cultural Heritage Management Plan
Date:	Monday, 26 July 2021 4:11:56 PM

Hi there,

I am writing to you to ask whether the Silverton Village Committee was ever sent a copy of the Silverton Wind Farm Works, NSW: Operational Heritage Management Plan at any time in 2018 or late 2019? The reason I am asking is that there have been staff changes here at Biosis, and I am unable to ascertain whether you were provided a copy of the heritage management plan to comment on. If not, I can provide a copy to you either electronically or hardcopy at your request.

Please feel free to contact me via phone or email. I realise this is completely out of the blue, so my apologies for any confusion!

Cheers
Amanda

From:	Amanda Markham
To:	"silvertonhotel@bigpond.com"
Subject:	Silverton Wind Farm Operational Heritage Management Plan
Date:	Tuesday, 3 August 2021 1:04:18 PM

Hi Peter,

Thank you so much for your time on the phone today. As the plan is a 30mb document, I can't send it via email. I've attached a link to Hightail, which is a service we use to send large files:
https://spaces.hightail.com/receive/DpwW78Tbrw

If you click and save the file will download. Please have a look at the plan and let me know if you've got any questions. My apologies in advance as the plan is a large and quite bureaucratic document!

Cheers

Amanda

Appendix D Chance/Unexpected Aboriginal Finds Protocol

In the event that unexpected Aboriginal objects or sites are located, an assessment will need to be made as to the significance of the object. Appendix A contains guidelines around the identification of Aboriginal objects. The NPW Act defines an Aboriginal object as:

> *"...any deposit, object or material evidence (not being a handicraft made for sale) relating to the Aboriginal habitation of the area that comprises New South Wales, being habitation before or concurrent with (or both) the occupation of that area by persons of non-Aboriginal extraction, and includes Aboriginal remains..."*

The following process should be followed with respect to unexpected finds:

- Should any previously unidentified Aboriginal objects be encountered during works associated with this proposal, works must cease in the vicinity and the find should not be moved until assessed by a qualified archaeologist and/or the BHLALC.
- A no-go area should be established around the suspected Aboriginal object, and clearly demarcated with flagging tape or similar.
- The archaeologist and/or the BHLALC will investigate and assess the Aboriginal object to determine the nature, extent and significance of the find. This will enable recommendations to be provided on how work can proceed and whether any further work is required. The archaeologist and/or the BHLALC must supply written advice to the Project Manager within 24 hours stating:
  - Determination of whether the find is an Aboriginal object.
  - Advice on how the project is to proceed and whether the establishment of any no-go areas is necessary.
  - Recommendation on further works that may be required and timeframe for completion of these works.
- Heritage NSW and Aboriginal stakeholders will be notified. This will include a statement concerning the find, management measures implemented and notification of any further works arising. Aboriginal stakeholders are to be involved in any further assessments or works as required.
- AHIMS site cards will be prepared for each new site identified and submitted to AHIMS in accordance with the Code.

Should any Aboriginal objects be identified, this will trigger a review of this HMP in accordance with Section 7. Plate 1 below summarises the unexpected/chance finds procedure.

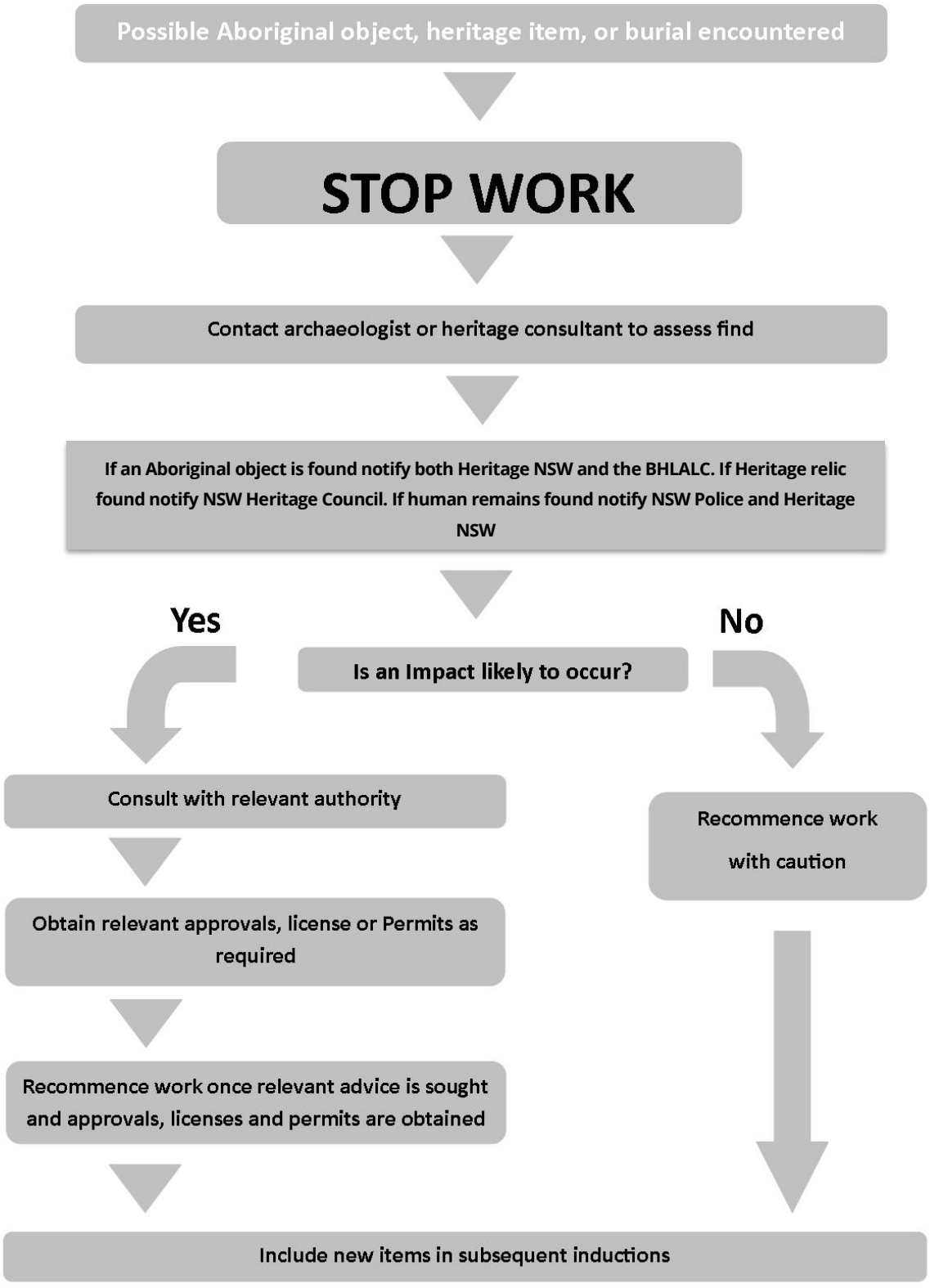


Plate 1 Unexpected/Chance finds process

Appendix E Aboriginal Cultural Heritage Sites Gazetteer

Sources: Dibden (2008); EHP (2017)

APPENDIX 3
ABORIGINAL HERITAGE SITES GAZETTEER

SU1/L1 Stone artefacts	523550e 6481800n
Sparse white (*with dark grey tinge: poor quality*) quartz stone artefact distribution (continuous) across SU. Artefacts include microblade cores, flakes and blades, bipolar cores, Hertzian flakes, flake fragments and flaked pieces. Cluster of artefacts at 523535e 6481709n in area 10 x 10 m. Average artefact density calculated to be c. 1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking north from south end of SU. Note wind mast near cars.
SU2/L1 Stone artefacts	523490e 6481500n
Low density white quartz stone artefact distribution across SU. Artefacts include microblade cores, flakes and blades, Hertzian flakes, flake fragments and flaked pieces. (including 1 quartz steep edge convex scraper). Cluster of artefacts at 523535e 6481709n in area 10 x 10 m. Average artefact density calculated to be c. 1/sq m. Skeletal soil: limited subsurface potential. Two utilised, small quartz outcrops (see below) in Survey Unit.	 Looking south from north end.
SU2/L2 Stone Procurement Area	523501e 6481429n
Very small, discontinuous outcrop of quartz bedrock measuring 2 x 2 m in area; very low (<30 cm high). No quarrying features however associated with a discrete scatter of flakes and cores in an area measuring c. 10 x 10 m.	 Looking west; arrow denotes quartz outcrop.

SU2/L3 Stone Procurement Area	523515e 6481582n
Very small outcrop of quartz bedrock measuring 2 x 2 m in area; very low (<30 cm high). No quarrying features however associated with a discrete, very sparse scatter of Hertzian flakes, blades and cores which extend to the east of outcrop in an area measuring c. 10 x 10 m.	 Looking west; figure at quartz outcrop; scree and artefact scatter visible in foreground.
SU3/L1 Stone artefacts	523500e 6481230n
Very low density white quartz stone artefact distribution across SU. Cluster of artefacts at 523522e 6481339n in area 15 x 10 m. Average artefact density calculated to be c. 1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	 Looking south from north end.
SU4/L1 Stone artefacts	523440e 6481070n
Very low density white quartz stone artefact distribution across SU. Average artefact density calculated to be c. 1/10 sq m. Skeletal soil: limited subsurface potential. One utilised quartz outcrop on west edge of SU (see below).	

SU4/L2 Stone Procurement Area	523386e 6481115n
Very small, discontinuous outcrop of quartz bedrock measuring 3 x 2 m in area; very low (<30 cm high); poor quality, grey, milky quartz; highly fractured. The large outcrop measures 1m long x 0.7m wide x 0.3m high and has batter marks. Associated with a discrete, sparse scatter of Hertzian flakes in an area measuring c. 8 x 3 m.	 Looking south.
SU5/L1 Stone artefacts	523220e 6481150n
Sparse white and translucent quartz stone artefact distribution (continuous) across SU (including 3 silcrete artefacts). Artefacts include microblade cores, flakes and blades, Hertzian flakes and flaked pieces. Cluster of artefacts at 523278e 6481147n in area 10 x 6 m. Average artefact density calculated to be c. 1/10 sq m. Skeletal soil: limited subsurface potential. Two utilised quartz outcrops (see below) in SU.	
SU5/L2 Stone Procurement Area	523355e 6481107n
Very small, discontinuous outcrop of quartz bedrock measuring 5 x 2 m in area; very low (<20 cm high). Associated with a discrete, sparse scatter of flakes and cores extending west in an area measuring c. 30 x 6 m.	
SU5/L3 Stone Procurement Area	523334e 6481079n
Quartz scree in area measuring 60 x 40 m in area. Both small and larger fragments. Associated with sparse distribution of artefactual pieces.	 Looking 150º.
SU6/L1 Stone artefacts	522930e 6481400n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include cores, flakes, cores and blades. Average artefact density calculated to be c. 1/20 sq m. Skeletal soil: limited subsurface potential. No quartz outcrops in SU.	

SU9/L1 Stone artefacts	523530e 6480950n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include cores, flakes, cores and blades. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop (see below) in SU.	 Taken from SU4 looking 160º.
SU9/L2 Stone Procurement Area	523553e 6480934n
Outcrop of quartz bedrock measuring 25 x 4 m in area; very low (<30 cm high). No quarrying features however associated with a discrete, sparse scatter of flakes and cores.	 Looking South.
SU10/L1 Stone artefacts	523420e 6480730n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include cores, flakes, cores and blades. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. No quartz outcrops in SU.	 Taken from SW end of SU9 looking 210º.

SU12/L1 Stone artefacts	522900e 6480320n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include cores, flakes, cores and blades. Small cluster at 522966e 6480399n in area measuring 10 x 10 m with average density of 1/m². Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. No quartz outcrops in SU.	 Taken from trig looking 190º to south end of SU.
SU13/L1 Stone artefacts	523690e 6480840n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include cores, flakes, cores and blades. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. No quartz outcrops in SU.	 Looking 120º.
SU15/L1 Stone artefacts	523800e 6481240n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include flakes. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	
SU16/L1 Stone artefacts	523920e 6481750n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include cores and flakes. One fine grained silicified sedimentary flake (very sharp and brittle) measuring 95 x 50 x 18 mm. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	

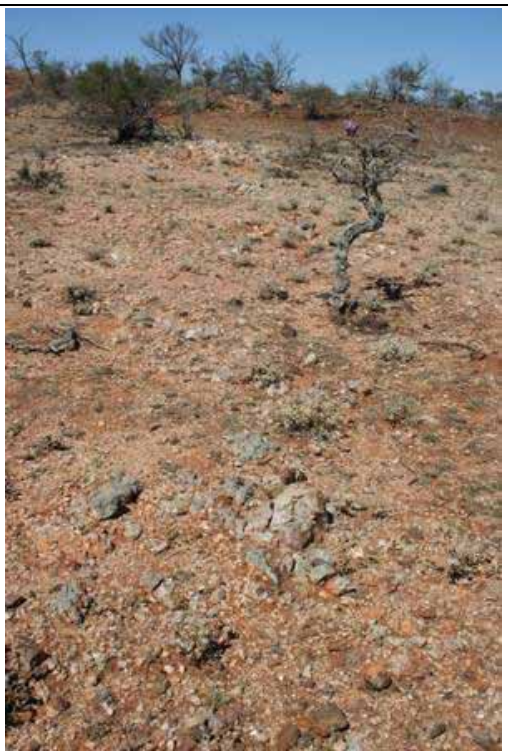
SU18/L1 Stone artefacts	523540e 6482120n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include microblade cores, blades and flakes. One quartz steeply retouched scraper (thumbnail). Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking 340º. Note SU 19 beyond figures.
SU19/L1 Stone artefacts	523650e 6482330n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include cores and flakes. One silcrete flake. Bipolar flaking event in cluster measuring 2 sq m at 523700e 6482438n. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	
SU20/L1 Stone artefacts	523750e 6482491n
Discrete cluster of white quartz stone artefacts on small bench in area measuring 1 sq m: 3 broken Hertzian flakes. Archaeological potential in remainder of SU assessed to be negligible. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking 220º to bench from east end of SU.

SU22/L1 Stone artefacts	524130e 6482680n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include cores and flakes. Cluster of 4 flakes in area measuring 1 sq m. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Taken from SU 25 looking SE.
SU23/L1 Stone artefacts	524300e 6482810n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include mostly Hertzian cores (and microblade cores) and flakes; one bipolar flake. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Very small sparse quartz outcrops in SU.	 Looking 50º from east end of SU22.
SU24/L1 Stone artefacts	524430e 6482980n
Sparse white quartz stone artefact distribution (continuous) across SU. One steeply retouched scraper (Thumbnail). Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop in SU.	
SU25/L1 Stone artefacts	524070e 6483180n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	

SU26/L1 Stone artefacts	523820e 6482970n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking SW from east end of SU.
SU28/L1 Stone artefacts	524410e 6481170n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking 190º from near N end.
SU29/L1 Stone artefacts	524290e 6480830n
Sparse white quartz stone artefact distribution (continuous) across SU including 3 microblade cores. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking 170º from halfway along SU.

SU30/L1 Stone Procurement Area	524184e 6480550n
Very small, low outcrop of quartz bedrock measuring 3 x 2 m in area; very low (<20 cm high). No quarrying features however associated with one large (55 mm long) Hertzian flake.	 Looking 120º.
SU31/L1 Stone artefact	524221e 6480212n
One Hertzian quartz flake. Skeletal soil: limited subsurface potential. One quartz outcrops in SU.	
SU38/L1 Stone artefacts	523620e 6479200n
Sparse white quartz stone artefact distribution (continuous) across SU including microblade core and conjoining Hertzian flake. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking west.
SU41/L1 Stone artefacts	523930e 6480050n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes both bipolar and Hertzian. Small cluster of c. 10 artefacts including microblade core at 523876e 6479940n in area 6 sq m. Quartzite Kulki at east end. Average artefact density calculated to be c. <1/10 sq m. Skeletal soil: limited subsurface potential. 2 quartz outcrops in SU.	 Looking south; SU41/L2 where figure standing.

SU41/L2 Stone Procurement Area	523965e 6480112n
Very small, low outcrop of white/grey quartz bedrock measuring 3 x 2 m in area; very low (<30 cm high). Minimal signs of battering and associated with one microblade core.	
SU42/L1 Stone artefacts	523780e 6479930n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes; one flake with retouch, one with possible usewear. Small cluster of c. >20 artefacts at 523744e 6479890n in area 30 sq m. Small cluster of artefacts at 523802e 6479904n in area 150 sq m. Average artefact density calculated to be c. <1/10 sq m. Skeletal soil: limited subsurface potential. 1 quartz outcrops in SU.	 Looking SW from north end.
SU43/L1 Stone artefacts	523530e 6479780n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes; small cluster of c. >20 artefacts at 523672e 6479853n in area 40 sq m. Average artefact density calculated to be c. <1/5 sq m. Skeletal soil: limited subsurface potential. 3 quartz outcrops in SU.	 Looking SW.
SU43/L2 Stone Procurement Area	523601e 6479808n
Small outcrop of white/grey quartz bedrock measuring 10 x 2 m in area; low (<30 cm high). No quarrying features however associated with large flakes and cores (c. 1% of quartz scree).	 Looking west.

SU43/L3 Stone Procurement Area	523551e 6479746n
Quartz outcrop of white/grey quartz bedrock measuring 30 x 10 m in area; very low (<30 cm high). One Hertzian cone fracture indicating bedrock anvil wear and low numbers of artefacts (c. 1% of quartz scree).	 Looking south.
SU43/L4 Stone Procurement Area	523505e 6479692n
Small outcrop of white/grey quartz bedrock measuring 10 x 5 m in area; very low (<20 cm high). Battering marks.	 Looking NNE.

SU44/L1 Stone artefacts	523380e 6479410n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Average artefact density calculated to be c. <1/5 sq m. Skeletal soil: limited subsurface potential. 2 quartz outcrops in SU.	 Looking north. Note quartz outcrop (no features).
SU45/L1 Stone artefacts	523220e 6479370n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking NE.
SU46/L1 Stone artefacts	523120e 6479330n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Small cluster of 10 artefacts in area measuring 8 x 5 m at 523076e 6479353n. Average artefact density calculated to be c. <1/5 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking north.

SU47/L1 Stone artefacts	522900e 6479390n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Small cluster of artefacts in area measuring 6 sq m at 523015e 6479363n. Average artefact density calculated to be c. <1/10 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking SE.
SU48/L1 Stone artefacts	522690e 6479100n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Small cluster of c. 6 cores and flakes in 5 sq m area. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking south.
SU49/L1 Stone artefacts	522500e 6479040n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes including one flake with retouch. Average artefact density calculated to be c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking SE.

SU50/L1 Stone artefacts	522320e 6479230n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking NW
SU51/L1 Stone artefacts	522370e 6478870n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU. A series of small rock shelters below crest at c. 522391e 6478908n. Several quartz flakes on slope in front of shelters; nil artefacts in shelters.	 Looking west.
SU52/L1 Stone artefacts	522700e 6478700n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking SE.

SU53/L1 Stone artefacts	522630e 6478420n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Cluster of white quartz artefacts in 5 x 5 m area at 522642e 6478473n. Cluster of grey quartz artefacts in 5 x 5 m area at 522645e 6478457n. Average artefact density calculated to be c. <1/5 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking north.
SU54/L1 Stone artefacts	522500e 6478100n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Including silcrete retouched flake and retouched quartz flake. Average artefact density calculated to be c. <1/10 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking NE.
SU55/L1 Stone artefacts	522300e 6478220n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes; some bipolar flakes. Including silcrete retouched flake with heavy usewear. Average artefact density calculated to be c. <1/10 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking NW.

SU56/L1 Stone artefacts	522320e 6477800n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Including quartz point with scalar retouch. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking south.
SU56/L2 Stone Procurement Area	522281e 6477626n
Large, low outcrop of white quartz bedrock measuring 40 x 8 m in area; very low (<20 cm high). Variable quality but mostly good. No quarrying features but associated with abundant shatter 2% of which is artefactual.	 Looking SW.
SU58/L1 Stone artefacts	522900e 6478220n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in SU.	 Looking SE from SU57.

SU59/L1 Stone artefacts	523110e 6478750n
Sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Average artefact density calculated to be c. <1/10 sq m. Skeletal soil: limited subsurface potential. 2 quartz outcrops in SU (see below).	 Looking north.
SU59/L2 Stone Procurement Area	523130e 6478638n
Moderate sized, low outcrop of white quartz bedrock and scree measuring 20 x 5m in area; very low (<15 cm high). No quarrying features but associated with abundant shatter 1% of which is artefactual.	
SU59/L3 Stone Procurement Area	523097e 6478749n
Small, low outcrop of white quartz bedrock measuring 5 x 3m in area; very low (<30 cm high). Some battering and associated with shatter 1% of which is artefactual.	 Looking west.
SU60/L1 Stone artefacts	525100e 6481930n
Low density white quartz stone artefact distribution across SU. Artefacts include microblade cores, flakes and blades, Hertzian flakes, flake fragments and flaked pieces. Average artefact density calculated to be c. 1/10 sq m. Moderate subsurface potential adjacent to creek. Nil quartz outcrops in Survey Unit.	 Looking south.

SU61/L1 Stone artefacts	525140e 6482120n
Variable density stone artefact distribution across SU. Artefact density adjacent to creek line c. 20/1 sq m; artefact density upslope and away from creek c. 1/20 sq m. Artefacts primarily white quartz however chert, silcrete and quartzite also present. Quartz artefacts predominately Hertzian, also bipolar. Quartzite artefacts are pebble manuport fragments one of which is possibly a Kulki. Some flakes possess usewear and retouch. Cluster of 20-30 white quartz artefacts in 30 sq m area at 525175e 6482023n. Soil shallow upslope but increasing in depth near creekline. Moderate/high subsurface potential adjacent to creek. Nil quartz outcrops in Survey Unit.	 Looking 200º
SU62/L1 Stone artefacts and heat retaining hearths	525280e 6482180n
Variable but generally very low density stone artefact distribution across SU. Artefact density adjacent to drainage line c. 1/1 sq m; artefact density upslope c. 1/10 sq m. Average density calculated to be 1/10 sq m. Artefacts primarily white quartz flakes and cores however silcrete and quartzite also present. Quartz nosed scraper with scalar retouch. Cluster of c. 10 white quartz artefacts in 8 sq m area at 525234e 6482309n. Two stone ovens. Also historical hut platform. Soil shallow upslope but increasing in depth near creek and drainage lines. Moderate/high subsurface potential in area adjacent to creek and minor drainage lines. Nil quartz outcrops in Survey Unit.	 Looking 330º from near east end of SU.
SU63/L1 Stone artefacts	525430e 6482230n
Very low density stone artefact continuous distribution across SU. Average density calculated to be 1/20 sq m. Artefacts primarily white quartz flakes and cores. One silcrete flake with usewear. Low subsurface potential. One utilised quartz outcrop (see below) in Survey Unit.	 Looking 140º from west end.

SU63/L2 Stone Procurement Area	525362e 6482103n
Large outcrop of white/grey quartz bedrock measuring 40 x 15 m in area; very low (<30 cm high). Generally highly fractured, poor quality. One Hertzian cone fracture and a few small areas of battering. Associated scatter of flakes and cores. Existing track crosses through outcrop.	 Looking 230º; arrows denote quartz outcrop.
SU64/L1 Stone artefacts and heat retaining hearths	525330e 6482400n
Continuous stone artefact distribution across SU. Landform assessed to have high potential to contain subsurface archaeological deposit. Average density predicted to be c. 50/sq m. Artefacts primarily white quartz microblades, flakes and cores. Numerous chert and silcrete artefacts. Numerous artefacts exhibit retouch and/or usewear. Quartz knapping event at 525267e 6482493n adjacent to a heat retainer hearth. Artefacts are largely visible at margins of landform where visibility is greatest. Observable artefacts present in variable density at average of c. 1/sq m. 24 heat retainer hearths. 1 possible gneiss grinding stone. Deep loam soils: High subsurface potential. One quartz outcrop (see below) in Survey Unit.	 Looking 270º from east end of SU. Area of subsurface potential further to west beyond rocky area.
SU64/L2 Stone Procurement Area	525414e 6482449n
Very small outcrop of white quartz bedrock measuring 40 cm x 40 cm x 15 cm (high). Multiple signs of battering and Hertzian cone fractures Associated scatter of scree, microblades, flakes and cores in area measuring 12 m x 15 m.	 Hertzian cone fracture

SU65/L1 Stone artefacts and heat retaining hearths	525140e 6482370n
Continuous stone artefact distribution across SU. Landform assessed to have moderate potential to contain subsurface archaeological deposit (however appears to be highly disturbed by natural and human impacts). Average density predicted to be c. 30-50/sq m. Artefacts primarily white quartz microblades, flakes and cores. 5 silcrete and chert artefacts. Observable artefacts present in variable density at average of c. <1/20 sq m. 3 heat retainer hearths. Deep loam soils: High subsurface potential however high prior disturbance. Nil quartz outcrop in Survey Unit.	 Looking north.
SU67/L1 Stone artefacts	524600e 6480000n
Sparse quartz stone artefact distribution (continuous) across SU. Artefacts include microblade cores, flakes and blades, flake fragments and flaked pieces. Average artefact density calculated to be c. 1/10 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop.	 Looking 280º.
SU69/L1 Stone artefacts	525070e 6480000n
Sparse quartz stone artefact distribution (continuous) across SU. Artefacts include microblade cores, flakes and blades, flake fragments and flaked pieces. Including one quartz retouched flake: steep retouch 2 cm long from ventral. Average artefact density calculated to be c. 1/10 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop.	 Looking 310º.

SU70/L1 Stone artefacts	525160e 6479800n
Extremely sparse and patchy quartz stone artefact distribution across SU. 2 microblade cores. Average artefact density calculated to be c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	 Looking 300º from SU71.
SU71/L1 Stone artefact	525310e 6479630n
One quartz flake on summit. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	
SU74/L1 Stone artefacts	524993e 6480580n
Discrete cluster of 5 quartz flakes and flaked pieces at north end of SU. No additional artefacts observed in SU. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	
SU75/L1 Stone artefacts	525133e 6481494n
Discrete cluster of 3 quartz flakes. No additional artefacts observed in SU. Skeletal soil: limited subsurface potential. One quartz outcrop.	
SU76/L1 Stone artefact	527174e 6482378n
One grey quartzite broken pebble manuport measuring 93 x 55 x 45 mm: no signs of use. No additional artefacts observed in SU. Skeletal soil: limited subsurface potential.	
SU76/L2 Stone Procurement Area	527205e 6482366n
Very small outcrop of poor quality quartz bedrock measuring 5 x 4 m in area; (<80 cm high). One Hertzian cone fracture.	 Looking 150º.

SU77/L1 Stone artefacts	526950e 6482600n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include microblade cores, flakes and blades, flake fragments and flaked pieces. Discrete cluster of 5 quartz flakes at 527107e 6482489n including microblade core (poor quality material), convex scraper with retouch along distal. Also at west end of SU in very small saddle concentration of quartz artefacts (c. 10/sq m) in area measuring 10 x 10 m. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Three quartz outcrops.	 Looking 100º from near west end of SU.
SU78/L1 Stone artefacts	526580e 6482800n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include microblade cores, flakes and blades. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	 Looking east.
SU79/L1 Stone artefacts	527200e 6482700n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include microblade cores, flakes and blades including one crystal quartz bipolar core. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. One small quartz outcrop.	 Looking South from North end.

SU81/L1 Stone artefacts	526780e 6482220n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include cores and flakes; one flake with distal retouch. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	 Looking 260º.
SU82/L1 Stone artefacts	526470e 6482220n
Sparse white quartz stone artefact distribution (continuous) across SU. One silcrete flake recorded. Average artefact density calculated to be c. <1/5 sq m. Predicted low/moderate artefact density in subsurface context. Depth to soil therefore subsurface potential. Nil quartz outcrops.	
SU85/L1 Stone artefacts	526980e 6481670n
Sparse white quartz stone artefact distribution (continuous) across SU. One quartz geometric microlith recorded (symmetrical; dorsal ridge fully backed: 24 x 14 x 4 mm). Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	
SU86/L1 Stone artefacts	526920e 6481490n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. 3 quartz outcrops (see below).	
SU86/L2 Stone Procurement Area	526942e 6481491n
Small outcrop of variable quality quartz bedrock measuring 6 x 10 m in area; (<30 cm high). No evidence of quarrying. However associated with estimated 1% of scree artefactual.	
SU86/L3 Stone Procurement Area	526896e 6481426n
Small outcrop of variable quality quartz bedrock measuring 6 x 2 m in area; (<50 cm high). No evidence of quarrying. However associated with estimated 1% of scree artefactual.	
SU87/L1 Stone artefacts	526750e 6481410n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefact density increases north of SU87/L2 – SPA (see below) Artefact density varies from 1/5 sq m to c. <5/1 sq m. Average density 1/1 sq m. Cluster of cores and flakes (c. 1/1 sq m) at 526600e 6481416n. Skeletal soil: limited subsurface potential. 4 quartz outcrops (see below).	 Looking NW.

SU87/L2 Stone Procurement Area	526697e 6481449n
Large outcrop of variable quality white quartz bedrock measuring 70 x 2 m in area; (<50 cm high). Battering marks and Hertzian cone fractures. Associated with large area (60 x 20 m) of scree extending north of outcrop of which 5% estimated to be artefactual.	 Looking NE.
SU87/L3 Stone Procurement Area	526699e 6481423n
Small outcrop of variable quality white quartz bedrock measuring 4 x 2 m in area; (<20 cm high). Battering marks. Associated with small number of cores.	
SU88/L1 Stone artefacts	526900e 6481290n
Sparse white quartz stone artefact distribution (continuous) across SU. Average density 1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	 Looking South.
SU89/L1 Stone artefacts	526920e 6481210n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average density 1/100 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	 Looking North West.

SU90/L1 Stone artefacts	526950e 6480930n
Sparse white quartz stone artefact distribution (continuous) across SU. Bipolar cores and one retouched quartz flake. Average density 1/10 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop.	 Looking South West.
SU91/L1 Stone artefacts	527190e 6481280n
Very sparse white quartz stone artefact distribution (patchy) across SU including 1 bipolar core. Average density 1/200 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	 Looking NNE.
SU92/L1 Stone artefacts	527180e 6481000n
Very sparse white quartz stone artefact distribution (continuous) across SU including 1 retouched flake. Cluster of c. 10 artefacts in 100 sq m area at 527163e 6481033. Average density 1/100 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop.	 Looking West.

<table>
<tr><td>SU93/L1 Stone artefacts</td><td>526650e 6480580n</td></tr>
<tr><td colspan="2">Very sparse white quartz stone artefact distribution (continuous) across SU including flakes, microblade cores and core fragments. Cluster of c. 5 large flakes in 4 sq m area at 526677e 6480676.
Average density 1/20 sq m.
Skeletal soil: limited subsurface potential.
Two quartz outcrops.</td></tr>
<tr><td>SU94/L1 Stone artefacts</td><td>526750e 6480350n</td></tr>
<tr><td>Low density white quartz stone artefact distribution (continuous) across SU including flakes, microblade cores and core fragments. Cluster of flakes (c. 20/ sq m.) in 100 sq m area at 526768e 6480356 at building platform site. Cluster of c. 20 flakes and microblade cores in 30 sq m area at 526644e 6480497
Average density 1/1 sq m.
Skeletal soil: limited subsurface potential.
Three quartz outcrops.</td><td> 
Looking South East.</td></tr>
<tr><td>SU94/L2 Stone Procurement Area</td><td>526651e 6480533n</td></tr>
<tr><td>Small outcrop of variable quality white and translucent quartz bedrock measuring 3 sq m in area; (<30 cm high). Battering marks and Hertzian cone fractures. Associated with scree of which 20% is artefactual (flakes and blades).</td><td> 
Looking North East.</td></tr>
<tr><td>SU94/L3 Stone Procurement Area</td><td>526850e 6480333n</td></tr>
<tr><td colspan="2">Small outcrop of variable quality white quartz bedrock measuring 10 x 3 m in area; (<50 cm high). Battering marks and Hertzian cone fractures. Associated with scree extending 20 m downslope to east of which 1% is artefactual (flakes and blades).</td></tr>
</table>

SU95/L1 Stone artefacts	526430e 6480900n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average density 1/5 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop (see below).	 Looking West.
SU95/L2 Stone Procurement Area	526502e 6480864n
Small outcrop white quartz bedrock measuring 10 x 3 m in area; (<30 cm high). No quarrying feature however associated with scree of which 1% is artefactual.	
SU96/L1 Stone artefacts	526350e 6480930n
Very sparse white quartz stone artefact distribution (continuous) across SU. Artefact density increases to c. 1/5 sq m in east at interface with saddle. Average density 1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	 Looking West.
SU97/L1 Stone artefacts	526150e 6480970n
Very sparse white quartz stone artefact distribution (continuous) across SU including microblade cores, blades and flakes. Average density 1/10 sq m. Skeletal soil: limited subsurface potential. 3 quartz outcrops (see below).	 Looking South East.

SU97/L2 Stone Procurement Area	526012e 6480973n
Outcrop of moderate quality white quartz bedrock measuring 10 x 3 m in area; (<15 cm high). One Hertzian cone fracture. Associated with scree extending downslope of which 1% is artefactual.	
SU97/L3 Stone Procurement Area	526003e 6481009n
Outcrop of blocky white quartz measuring 15 sq m in area; (<15 cm high). 2 battering marks. Associated with scree extending c. 70 m downslope of which 5% is artefactual (representative of flaking and core preparation).	 Looing East.
SU98/L1 Stone artefacts	525950e 6481060n
Very sparse white quartz stone artefact distribution (patchy: on level areas) across SU including microblade cores and flakes. Average density 1/10 sq m. Skeletal soil: limited subsurface potential. 1 quartz outcrop (see below).	
SU98/L2 Stone Procurement Area	525986e 6481031n
Large outcrop of white quartz bedrock measuring 30 x 4 m in area; (<20 cm high). Some battering marks. Associated with scree of which 1% is artefactual including microblade cores and large flakes.	 Looking North West.

SU99/L1 Stone artefacts	525700e 6481270n
Very sparse white quartz stone artefact distribution (continuous) across SU including cores and flakes. Cluster of artefacts in 50 sq m area at 525741e 6482205n at density of c. 5/sq m. A knapping event of 5 artefacts at 525677e 6481270n. Cluster of cores and flakes in 10 sq m area at 525686e 6481311n at density of 1/sq m. Average density 1/10 sq m. Skeletal soil: limited subsurface potential. 3 sugary quartz outcrops.	 Looking North West
SU100/L1 Stone artefacts	527320e 6482350n
Very sparse white quartz stone artefact distribution (continuous) across SU including flakes, one flake with usewear and one thumbnail scraper. Average density 1/20 sq m. Skeletal soil: limited subsurface potential. 1 quartz outcrop.	 Looking East.
SU101/L1 Stone artefacts	527680e 6482400n
Very sparse white quartz stone artefact distribution (patchy) across SU including flakes, bipolar cores, microblades and microblade cores. Average density 1/50 sq m. Area of scree c. 200 sq m in area of which 1% is artefactual at 527705e 6482430n Skeletal soil: limited subsurface potential. 3 quartz outcrops.	 Looking East.

SU101/L2 Stone Procurement Area	527842e 6482485n
Large outcrop of white quartz blocky bedrock as cobbles and vein measuring 100 x 10 m in area; (<50 cm high). 3 Hertzian cone fractures. Associated with scree of which 1% is artefactual flakes of variable size.	 Looking North East.
SU101/L3 Stone Procurement Area	527952e 6482595n
Small outcrop of white quartz bedrock measuring 1 x 3 m in area; (<50 cm high). No quarrying features however associated with translucent quartz flakes and cores.	
SU102/L1 Stone artefacts	528780e 6483750n
Very sparse white quartz stone artefact distribution (patchy) across SU. Average density 1/50 sq m. Small cluster of disturbed artefacts (vehicle track) in narrow (<12 m wide) saddle in western end of SU. Skeletal soil: limited subsurface potential. 1 quartz outcrop (see below).	 Looking 270º.

SU102/L2 Stone Procurement Area	528802e 6483705n
Large outcrop of white, moderate quality quartz discontinuous bedrock measuring 50 x 15 m in area; (<40 cm high). 4 Hertzian cone fractures and associated with 50 x 50 sq m area of scree of which 50% is artefactual including translucent quartz flakes and cores.	 Looking South
SU103/L1 Stone artefacts	528950e 6483680n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average density 1/10 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	

SU104/L1 Stone artefacts	529430e 6484290n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average density <1/20 sq m. Artefacts include 1 silcrete proximal flake portion, a large quartzite flake, quartz hammer stone (measuring 89 x 93 x 69 with bruising consist with hammer wear around widest margin), possible schist mortar dish. Artefact cluster at 529623e 6484773n in an area measuring 10 x 10 m including numerous cores (microblade and bipolar) and Hertzian flakes at density of approximately 20.sq m. Artefact cluster at 529669e 6484804n including distal retouched flake Skeletal soil: limited subsurface potential. Numerous quartz outcrops (see below).	 Looking North to North end.  Looking South to artefact cluster at 529623e 6484773n.
SU104/L2 Stone Procurement Area	529430e 6484379n
Small outcrop of white, good quality quartz bedrock measuring 3 x 3 m in area; (<30 cm high). 1 Hertzian cone fracture and associated with small, sparse artefacts including translucent quartz flakes.	 Looking North

SU104/L3 Stone Procurement Area	529368e 6484229n
Small outcrop of white/translucent, good quality quartz bedrock measuring 8 x 5 m in area; (<40 cm high). 2 Hertzian cones fractures and some battering and associated with artefacts in area measuring 10 x 10 m including blocky flakes and thin blades.	 Looking South.
SU104/L4 Stone Procurement Area	529192e 6483936n
Small outcrop of white quartz discontinuous bedrock measuring 4 x 3 m in area; (<20 cm high). One battering mark and associated with sparse flakes (1/sq m) in area measuring 4 x 3 m.	 Looking South.  Close up of battering mark.

SU104/L5 Stone Procurement Area	529225e 6484160n
Large outcrop of white highly fractured quartz discontinuous bedrock measuring 60 x 10 m in area; (<30 cm high). 1 possible battering mark and associated with scree including blocky artefacts.	 Looking South.
SU105/L1 Stone artefacts	528420e 6483990n
Very sparse white quartz stone artefact distribution (continuous) across SU with occasional minor clusters. Microblade cores and flakes recorded. Average density <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	
SU106/L1 Stone artefacts	528730e 6483950n
Sparse white quartz stone artefact distribution (continuous but patchy) across SU. Higher artefact density in SE side of SU over 5 m wide band: overlooking valley below. Artefacts include high proportion of blades; high quality quartz. Cluster of core, blades and flakes in 5 x 5 m area at 528797e 6484188n. Average density <1/ sq m. Skeletal soil: limited subsurface potential. One quartz outcrop (see below).	
SU106/L2 Stone Procurement Area	528724e 6483971n
Outcrop of white quartz discontinuous bedrock measuring 10 x 10 m in area; (<10 cm high). Several battering mark and associated cluster of artefacts.	
SU107/L1 Stone artefacts	527820e 6484250n
Very sparse white quartz stone artefact distribution (continuous) across SU. One retouched quartz flake recorded (2 cm steep retouch on one margin). Average density <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	
SU108/L1 Stone artefacts	528050e 6483550n
Very sparse white quartz stone artefact distribution (continuous) across SU. Cluster of exotic artefacts and materials at east end of SU including quartz flakes, microblade cores and blades in density of 5/sq m. Quartzite mortar at 528261e 6483557n (146 x 160 x 47 mm, pounding wear of both faces: Side 1: slight depression c. 2 mm deep measuring c. 53 mm wide and pecking marks possibly consistent with anvil wear; Side 2: distinct concave dish shaped depression c. 6 mm deep measuring c. 97 mm wide. Pitted surface consistent with pounding hard seeds). Also brown silcrete adze slug (non-tula) at 528222e 6483491n and grey chert adze (non-tula). Average density <1/20 sq m. Skeletal soil: limited subsurface potential except for east end of SU. One quartz outcrop.	 Looking west to flat area at east end of SU108. Flag denotes area in which mortar found.

SU109/L1 Stone artefacts	528320e 6483800n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average density <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	
SU110/L1 Stone artefacts	529810e 6486320n
Very sparse white quartz stone artefact distribution (continuous) across SU including flakes and cores both bipolar and Hertzian. Average density <1/5 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	 Looking South.
SU111/L1 Stone artefacts	529890e 6486560n
Sparse white/translucent quartz stone artefact distribution (continuous) across SU. Artefact density varies between 1/20 sq m and 5/sq m: Average density <1/1 sq m. Skeletal soil: limited subsurface potential. 7 quartz outcrops and scree.	 Looking North East.
SU111/L2 Stone Procurement Area	529885e 6486491n
White quartz scree measuring 30 x 5 m in area of which approximately 1% is artefactual. Artefacts include core fragments and broken flakes.	

SU111/L3 Stone Procurement Area	529899e 6486527n
White quartz scree measuring 30 x 20 m in area of which approximately 5% is artefactual. Artefacts include cores and flakes some of which are large.	
SU111/L4 Stone Procurement Area	529945e 6486734n
Small, good quality white/grey quartz outcrop measuring 3 x 10 m in area (c. 1 m high). No quarrying features however associated with scree extending 40 m downslope of which approximately 1% is artefactual. Artefacts include cores and flakes some of which are large.	 Looking North West.
SU112/L1 Stone artefacts	529530e 6486400n
Sparse white quartz stone artefact distribution (continuous) across SU including cores both Hertzian and bipolar and large flakes. Artefact density varies between 1/5 sq m and 5/sq m: Average density <1/1 sq m. Skeletal soil: limited subsurface potential. 5 quartz outcrops and scree.	 Looking West.

SU112/L2 Stone Procurement Area	529630e 6486404n
White quartz scree measuring 15 x 5 m in area of which approximately 2% is artefactual. Artefacts include blades and flakes.	 Looking NNW.
SU113/L1 Stone artefacts	529950e 6486030n
Very sparse white quartz stone artefact distribution (continuous) across SU. Artefact density varies between 1/20 sq m and 1/sq m: Average density <1/5 sq m. Skeletal soil: limited subsurface potential. 5 quartz outcrops and scree (see below).	 Looking SSE.
SU113/L2 Stone Procurement Area	529913e 6485937n
Outcrop of variable quality white quartz discontinuous bedrock measuring 20 x 8 m in area; (<40 cm high). Several battering mark and associated scree in area 40 m x 10 m 1% of which is artefactual.	 Looking South West.

SU113/L3 Stone Procurement Area	529913e 6485898n
Outcrop of variable quality white quartz discontinuous bedrock measuring 8 x 5 m in area; (<30 cm high). No evidence of quarrying however associated scree in area 30 m x 10 m 1% of which is artefactual including bipolar and Hertzian flakes.	
SU114/L1 Stone artefacts	529860e 6485770n
Sparse white quartz stone artefact distribution (continuous) across SU. Concentration of flakes and microblades in middle of SU at c. 5/sq m in area measuring 5 x 5 m. Average artefact density c. 1/ sq m. Skeletal soil: limited subsurface potential. 4 quartz outcrops (see below).	 Looking WSW.
SU115/L1 Stone artefacts	529710e 6485700n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density 1/20 sq m. Skeletal soil: limited subsurface potential. 4 quartz outcrops (see below).	 Looking SSW.

SU115/L2 Stone Procurement Area	529626e 6485622n
Small outcrop of white quartz discontinuous bedrock measuring 5 x 2 m in area; (<20 cm high). One possible Hertzian cone fracture and associated scree extending downslope 20 m 1% of which is artefactual.	 Looking North.
SU116/L1 Stone artefacts	529560e 6485600n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density 1/50 sq m. Occasional flakes, blades and one microblade core. Skeletal soil: limited subsurface potential. 2 quartz outcrops.	 Looking WSW.
SU117/L1 Stone artefacts	529420e 6485560n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density <1/100 sq m. Occasional isolated flakes. Skeletal soil: limited subsurface potential. 2 minor quartz outcrops.	 Looking ENE.

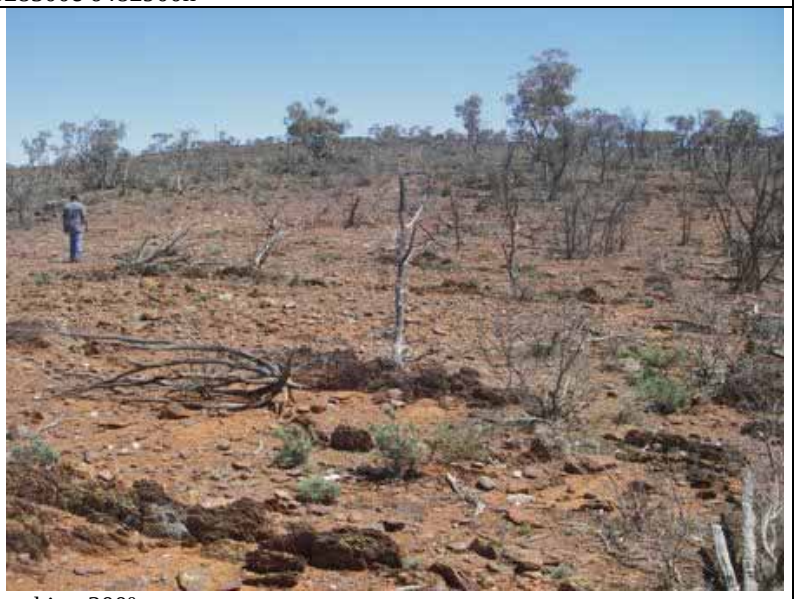
SU118/L1 Stone artefacts	529300e 6485500n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. 1/100 sq m. Occasional isolated flakes. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	 Looking WSW.
SU119/L1 Stone artefacts	529170e 6485450n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. 1/5 sq m. Small areas c. 15 sq m with 5-10 artefacts across SU. Skeletal soil: limited subsurface potential. 5 quartz outcrops and scree (see below).	 Looking South West.
SU119/L2 Stone Procurement Area	529253e 6485469n
Small outcrop of white quartz bedrock measuring 1 sq m in area. No quarrying features however associated scree in area 30 m x 10 m of which 2% is artefactual. Flakes and blades recorded.	 Looking North West.

<table>
<tr><td>SU119/L3 Stone Procurement Area</td><td>529215e 6485445n</td></tr>
<tr><td colspan="2">White quartz scree in area measuring 40 x 10 m in area of which 2% is artefactual. Artefact density estimated to be 1/ sq m.</td></tr>
<tr><td>SU119/L4 Stone Procurement Area</td><td>529120e 6485376n</td></tr>
<tr><td colspan="2">Small outcrop of white quartz bedrock measuring 5 x 5 m in area (<20 cm high). No quarrying features however associated scree in area 30 m x 20 m of which 2% is artefactual. Flakes and blades recorded. Artefact density estimated to be 1/ sq m.</td></tr>
<tr><td>SU120/L1 Stone artefacts</td><td>529120e 6485050n</td></tr>
<tr><td>Sparse white quartz stone artefact distribution (continuous) across SU. Cluster of c. 8 flakes and blades in 20 sq m area at 529186e 6485218n. Cluster of white/translucent quartz microblade cores, flakes and blades at density of c. 10/ sq m in 50 sq m area at 529057e 6484999n. Also large quartzite flake (70 x 62 x 10 cm missing initiation features, edges worn: possible a pressure flaking “chimbler”). Average artefact density c. 1/2 sq m. Skeletal soil: limited subsurface potential.
2 minor quartz outcrops.</td><td> 
Looking South.</td></tr>
<tr><td>SU121/L1 Stone artefacts</td><td>528780e 6484780n</td></tr>
<tr><td>Very sparse white quartz stone artefact distribution (continuous) across SU. Flakes, microblade core and blades recorded. Average artefact density c. 1/5 sq m. Skeletal soil: limited subsurface potential.
1 quartz outcrop.</td><td> 
Looking WSW</td></tr>
</table>

SU122/L1 Stone artefacts	528630e 6484620n
Sparse white quartz stone artefact distribution (continuous) across SU. Flakes, microblade cores and blades recorded. Cluster of artefacts at densities varying between 1/sq m to 4/sq m in area 20 x 30 m at 528602e 6484607n. Average artefact density c. 1/ sq m. Skeletal soil: limited subsurface potential. 1 quartz outcrop.	 Looking WSW
SU123/L1 Stone artefacts	528420e 6484700n
Sparse white quartz stone artefact distribution (continuous) across SU. Flakes, microblade cores and blades recorded. Artefact density varies between 1/5 sq m and 20/ sq m. Average artefact density c. 2/ sq m. Skeletal soil: limited subsurface potential. 1 quartz outcrop (see below).	 Looking West.

SU123/L2 Stone Procurement Area	528414e 6484601n
Outcrop of good quality white/grey quartz bedrock measuring 30 x 2 m in area; (<0.5 m high). Battering marks and Hertzian cone fractures. Associated scree of which 5% is artefactual; artefact density 20/ sq m. Flakes, microblade cores and blades recorded. Area of outcrop and scree measuring c. 40 x 30 m.	 Looking SSE.  Batter mark
SU124/L1 Stone artefacts	528430e 6484480n
Sparse white quartz stone artefact distribution (continuous but patchy) across SU. Flakes, cores, microblade cores and blades recorded. Artefact density varies between 1/ sq m and 1/10 sq m. Average artefact density c. 1/ 5 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	

SU125/L1 Stone artefacts	528410e 6484300n
Sparse white quartz stone artefact distribution (continuous) across SU. Flakes and blades recorded. Artefact density varies between 5/ sq m and 1/10 sq m. Average artefact density c. 1/ 2 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	 Looking SSW.
SU126/L1 Stone artefacts	528280e 6483450n
Sparse white quartz stone artefact distribution (continuous) across SU. Flakes, cores and microblades recorded. Higher artefact density (c. 5/ sq m) in flatter part of saddle in area measuring 40 x 40 m. Average artefact density c. 1/ sq m. Skeletal soil: limited subsurface potential. One quartz outcrop (see below).	 Looking north from south end.
SU126/L2 Stone Procurement Area	528263e 6483471n
Discontinuous granular white quartz bedrock in area measuring 30 x 20 m; (<0.5 m high). No evidence of quarrying however associated sparse flakes.	
SU127/L1 Stone artefacts	528240e 6483260n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. <1/ 10 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	
SU128/L1 Stone artefacts	528150e 6483100n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. <1/ 20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	
SU129/L1 Stone artefacts	528550e 6483100n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. <1/ 20 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop.	
SU129/L2 Stone Procurement Area	528423e 6483146n
Small white/grey trending to translucent quartz bedrock outcrops in area measuring 3 x 2 m; (<0.3 m high). Several battering marks and one possible Hertzian cone fracture. Associated scree in area measuring 10 x 10 m with 10% artefactual.	

SU130/L1 Stone artefacts	528500e 6482900n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops.	 Looking 300º.
SU132/L1 Stone artefacts and heat retaining hearths	525450e 6481090n
Variable but generally low density stone artefact distribution across SU. Artefact density adjacent to drainage line c. 1/1 sq m; artefact density upslope c. 1/10 sq m. Average density calculated to be 1/10 sq m. Quartz convex scraper measuring 35 x 36 x 11mm. Two stone ovens; one possible oven consisting of 3 stones. Soil shallow upslope but increasing in depth near creek and drainage lines. Moderate subsurface potential. One quartz outcrop in Survey Unit.	 Looking North West to area in which hearths recorded (beyond rocky slope)
SU133/L1 Stone artefacts	525660e 6480890n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. <1/ 20 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit (see below).	
SU133/L2 Stone Procurement Area	525681e 6480954n
Small white moderate quality quartz bedrock discontinuous outcrops in area measuring 10 x 4 m; (<0.3 m high). Several battering marks. Associated scree in area measuring 20 x 10 m with several flakes.	

SU136/L1 Stone artefacts and heat retaining hearths	527970e 6477290n
Continuous stone artefact distribution across SU. Primarily quartz bipolar and microblade artefacts; also quartzite, silcrete chert and volcanic artefacts. One volcanic Kulki. Average density of visible artefacts calculated to be 1/ sq m. Average density of subsurface artefacts predicted to be c. 50/ sq m. Two stone ovens; high potential for additional hearths to be present subsurface. Nil quartz outcrop in Survey Unit.	 Looking South.
SU137/L1 Stone artefacts	527900e 6477600n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. <1/ 10 sq m. Moderate potential for low density subsurface artefacts. Nil quartz outcrop in Survey Unit.	 Looking NNW.
SU138/L1 Stone artefacts and heat retaining hearths	527770e 6477950n
Very sparse, continuous stone artefact distribution across SU. Primarily quartz flakes and cores; including a quartz convex scraper with retouch on both margins and possible usewear. Cluster of quartz possible knapping event in c. 3 sq m area at 527638e 6478210n. Artefact density calculated to be 1/ 20 sq m. Moderate potential for subsurface deposit particularly adjacent to hearths. Three stone hearths; high potential for additional hearths to be present subsurface. Nil quartz outcrop in Survey Unit.	 Looking North.

SU139/L1 Stone artefacts	527580e 6478290n
Sparse white quartz stone artefact distribution (continuous) across SU including quartz discoid scraper with steep retouch around 70% of lateral and distal margins measuring 39 x 42 x 10. Average artefact density c. <1/20 sq m. Moderate potential for subsurface artefacts. Nil quartz outcrops in Survey Unit.	 Looking North West.
SU140/L1 Stone artefacts and heat retaining hearth	527360e 6478510n
Very sparse, continuous stone artefact distribution across SU. Primarily quartz flakes. Artefact density calculated to be 1/ 20 sq m. One stone hearths; potential for additional hearths to be present subsurface. Potential for subsurface artefacts. Nil quartz outcrops in Survey Unit.	 Looking South East.
SU141/L1 Stone artefacts and heat retaining hearths	526980e 6478800n
Very sparse, continuous stone artefact distribution across SU. Primarily quartz flakes, general cores and microblade cores. Silcrete and chert artefacts and a quartz convex scraper. Artefact density varies from <1/50 sq m to 1/5 sq m. Average density calculated to be 1/20 sq m. Four stone hearths; potential for additional hearths to be present in subsurface context. Moderate potential for moderate density subsurface artefacts. Nil quartz outcrops in Survey Unit.	 Looking South East.

SU142/L1 Stone artefacts and heat retaining hearths	527090e 6479060n
Very sparse, continuous quartz stone artefact distribution across SU. Primarily quartz flakes. Average artefact density of visible artefacts is calculated to be 1/ 20 sq m. Nine stone hearths; potential for additional hearths to be present subsurface. Moderate potential for low/moderate density subsurface artefacts. Nil quartz outcrops in Survey Unit.	 Looking SSW.
SU143/L1 Stone artefacts	526630e 6479520n
Very sparse, continuous but patchy quartz stone artefact distribution across SU. Average artefact density of visible artefacts is calculated to be 1/ 20 sq m. Artefacts include flakes, blades, cores and microblade with retouch along distal half of one margin with snap fractures along the chord (measuring 20 x 13 x 3 mm). Moderate potential for moderate density subsurface artefacts. Nil quartz outcrops in Survey Unit.	 Looking NNW.
SU144/L1 Stone artefacts	525880e 6480150n
Very sparse white quartz stone artefact distribution (continuous) but with small clusters across SU. Average artefact density c. <1/ 10 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit (see below).	
SU144/L2 Stone Procurement Area	525969e 6480341n
Small white moderate quality quartz bedrock discontinuous outcrops in area measuring 10 x 4 m; (<0.3 m high). Small battering marks. Associated scree in area measuring 20 x 20 m with sparse Hertzian flakes.	
SU145/L1 Stone artefacts	526080e 6479850n
Extremely sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. <1/ 100 sq m. Loamy soil however predicted very low density stone artefact distribution. One quartz outcrop in Survey Unit (see below).	

SU145/L2 Stone Procurement Area	526020e 6479743n
White highly fractured quartz bedrock discontinuous outcrops in area measuring 15 x 4 m; (<0.2 m high). Moderate level of battering. Associated scree measuring in overall area (inclusive of outcrops) 25 x 20 m with artefacts.	 Looking 180º.
SU146/L1 Stone artefacts	526310e 6479360n
Sparse white quartz stone artefact distribution (continuous) across SU. Artefacts include flakes, blades and microblade cores; also yellow silcrete proximal blade portion with parallel arises; usewear micro scarring from ventral on both margins (measuring 24 x 18 x 5 mm). Average artefact density c. <1/ 50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	

SU147/L1 Stone artefacts and heat retaining hearths	526580e 6478880n
Very sparse, continuous stone artefact distribution across SU with occasional small clusters of flakes, cores and microblades. Artefact density calculated to be 1/50 sq m. Area measuring c. 70 x 70 adjacent to creek (within 70 m) possesses higher visible artefacts and probably higher subsurface potential (All hearths located in this area). Cluster of quartz flakes in area measuring 3 x 1.5 m; artefact density 30/ sq m. three silcrete artefacts recorded. Six stone hearths adjacent to creek; high potential for additional hearths to be present subsurface. Moderate potential for subsurface artefacts. Nil quartz outcrops in Survey Unit.	 Taken from East edge of survey unit adjacent to creek looking towards area containing hearths.  Heat retaining hearth at 526631e 6478825n.

SU148/L1 Stone artefacts	527900e 6476020n
Extremely sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. <1/ 100 sq m. Skeletal soil: limited subsurface potential. 2 quartz outcrops in Survey Unit (see below).	 Looking 170º.
SU148/L2 Stone Procurement Area	527945e 6475904n
White quartz bedrock discontinuous outcrops in area measuring 5 x 3 m; (<0.4 m high). Small amount of battering and 1 Hertzian cone fracture. No artefacts identified in small amount of scree.	 Looking 290º.

SU148/L3 Stone Procurement Area	527965e 6475882n
White quartz bedrock discontinuous outcrops in area measuring 3 x 3 m; (<0.3 m high). One battering mark. Associated with small amount of shatter; no artefacts observed.	 Looking 130º.
SU150/L1 Stone artefacts	528150e 6475500n
Extremely sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. <1/ 100 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking 145º.

SU151/L1a Stone artefacts	528700e 6475100n
Extremely sparse white quartz stone artefact distribution (continuous) across SU. Average observed artefact density c. <1/ 100 sq m. Desert loam: subsurface potential, however high disturbance from geomorphological processes. Nil quartz outcrops in Survey Unit.	 Looking 290º.
SU151/L1b Stone artefacts	529780e 6474500n
Extremely sparse white quartz stone artefact distribution (continuous) across SU. Average observed artefact density c. <1/ 100 sq m. Desert loam: subsurface potential, however high disturbance from geomorphological processes. Nil quartz outcrops in Survey Unit.	
SU152/L1 Stone artefacts	530420e 6474220n
Sparse white quartz stone artefact distribution (continuous) across SU including flakes, blades and cores. Average artefact density c. <1/ 5 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit (see below).	

SU152/L2 Stone Procurement Area	530444e 6474207n
Large, high quality, white quartz bedrock outcrop in area measuring 20 x 5 m; (<1 m high). Rare to find such relatively flawless quartz exhibiting low levels of fracturing. Numerous battering marks and Hertzian cone fractures. The outcrop is weathering as large blocky pieces; weathering appears to be heat spalling creating convex surfaces on outcrops and blocks. Associated with a large area of scree extending downslope in area measuring 100 x 50 m; few artefacts observed including large flakes and microblade cores.	 Looking west.  Looking north.
SU153/L1 Stone artefacts	529210e 6474750n
Sparse white quartz stone artefact distribution (continuous) across SU including flakes, blades and cores. Average artefact density c. <1/ 50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	

SU154/L1 Stone artefacts	527000e 6478275n
Sparse white quartz stone artefact distribution across SU. Artefacts include flakes, blades, microblades and microblade cores; one translucent quartz microblade with retouch on lateral margin (measuring 19 x 12 x 5.6mm) and occasional flakes with usewear also recorded. Artefact density is variable and ranges from 1/2 sq m to 1/50 sq m. Average artefact density c. <1/ 20 sq m. Desert loam, around 30cm deep or less: moderate subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking South East.
SU155/L1 Stone artefacts	527210e 6478970n
Continuous sparse distribution of white quartz stone artefacts across SU. Artefacts include flakes, blades, microblades and microblade cores. Average artefact density c. <1/ 20 sq m. Desert loam, around 30cm deep or less: moderate subsurface potential. Three quartz outcrops in Survey Unit (see below).	 Looking SSW.
SU155/L2 Stone Procurement Area	527137e 6477931n
Low, dispersed and highly fractured quartz outcrop in pegmatite measuring 2 x 1 m; (<0.15m high). Number of Hertzian flakes recorded in association with outcrop.	 Looking South East.

SU155/L3 Stone Procurement Area	527113e 6477906n
Very small and dispersed quartz outcrop in pegmatite measuring 0.5 x 0.5m; (<0.15m high). Small number of Hertzian flakes and microblades recorded in association with outcrop. Approximately 1 artefact/5 sq m	
SU155/L4 Stone Procurement Area	527111e 6477861n
Very small and low quartz outcrop in pegmatite measuring 0.5 x 0.5m; (<0.10m high). Small number of Hertzian flakes and microblades recorded in association with outcrop. No obvious signs of exploitation, however approximately 1 artefact/5 sq m in surrounding area	 Looking South East.
SU156/L1 Stone artefacts and heat retaining hearths	527325e 6477800n
Very sparse, continuous stone artefact distribution across SU with occasional small clusters of flakes, cores and microblades including bipolar and Hertzian artefacts. Artefact density calculated to be 1/20 sq m. One stone hearth in south of Survey Unit; high potential for additional hearths to be present subsurface. Moderate potential for subsurface artefacts. 1 quartz outcrop and 1 area of quartz scree present in Survey Unit	 Looking South East.

SU157/L1 Stone artefacts	527515e 6477450n
Sparse white quartz stone artefact distribution across SU. Artefacts include flakes, blades, microblades and microblade cores. Artefacts density varies from 1/20 sq m to 5/1 sq m and averages 1/10 sq m. Higher density clusters coincide with level areas where bedrock is not outcropping. 1 chert hammerstone with pitting at one end (measuring 43 x 38 x 34mm). 1 translucent crystal quartz scraper with retouch, notch and usewear on one margin (measuring 22 x 15 x 9mm). Skeletal soil: limited subsurface potential. 2 quartz outcrops in Survey Unit (see below).	 Looking South East from North end.
SU157/L2 Stone Procurement Area	527455e 6477423n
Series of dispersed small quartz veins (c. 1-2 m sq each) in pegmatite outcrop (c. 20m) with flakes, microblades and cores associated. No obvious signs of exploitation, however approximately 5 artefacts/1 sq m in surrounding area	 Looking South.
SU157/L3 Stone Procurement Area	527484e 6477369n
Discrete area of white quartz scree and shatter measuring c. 10m sq. Quartz is highly fractured; approximately 2% is artefactual (c. 5/m sq). Artefacts include core blades and flakes.	

SU158/L1 Stone artefacts and heat retaining hearths	527730e 6477080n
Continuous stone artefact distribution across SU with occasional small clusters of flakes, cores and microblades including bipolar and Hertzian artefacts. Number of items displaying evidence of retouch and usewear. One silcrete flake recorded. Artefact density calculated to be 1/5 sq m. Noticeable increase in artefact density and variety in areas adjacent creek. Four stone hearths recorded in south of Survey Unit (adjacent creek); high potential for additional hearths to be present subsurface. Desert loam with high potential for subsurface artefacts, predicted density is moderate. 1 quartz outcrop/scree in Survey Unit (see below)	 Looking South East.
SU158/L2 Stone Procurement Area	527608e 6477198n
Discrete area of good quality white (milky-smoky) quartz scree and shatter measuring 40m east-west by 15m north-south. Appears to be a quartz outcrop that has been extensively exploited, thus resulting in relatively high artefact density and no obvious signs of quartz outcrops remaining. Artefacts recorded include flakes, cores, microblades and microblade cores. Many of the cores observed have utilised the natural flaking planes of the quartz. Artefact density is calculated to be greater than 30/sq m. Potential for subsurface artefacts is limited in this section of the survey unit.	 Looking West.
SU159/L1 Stone artefacts	527876e 6476860n
Continuous scatter of white quartz artefacts across survey unit. Recorded artefacts include flakes, cores, hammerstone, flakes with usewear and 1 quartz flake with steep retouch. Apparent artefact density is variable and probably a result of variances in visibility. Predicted that subsurface density may approach 30/sq m. Soil is a relatively deep desert loam with high potential for hearths. Three quartz outcrops in Survey Unit (see below)	 Looking South East.

SU159/L2 Stone Procurement Area	527784e 6476793n
Small, poor quality quartz outcrop; grey, opaque and fractured, measuring 8 x 2m; (<0.4m high). Outcrop has batter marks indicative of use as an anvil. Appears that this location has been used to break/inspect pieces of colluvial quartz scree and shatter. Flakes in adjoining areas are made from reasonably good quality quartz. Approximately 1 artefact/5 sq m	 Looking South West.
SU160/L1 Stone artefacts and heat retaining hearths	528100e 6476460n
Continuous stone artefact distribution across SU with occasional small clusters of flakes, cores and microblades including bipolar and Hertzian artefacts. Number of items displaying evidence of retouch and usewear. Four stone hearths recorded on upper slopes of Survey Unit (southern half); high potential for additional hearths to be present subsurface across Survey Unit. Desert loam with high potential for subsurface artefacts, predicted density is low/moderate. Five quartz outcrops in Survey Unit (see below)	 Looking ESE.
SU160/L2 Stone Procurement Area	527926e 6476687n
Small, variable quality quartz outcrop in pegmatite, some of the quartz tends towards semitranslucent; outcrop measures 2 x 0.5m; (<0.4m high). No obvious signs of battering however there are numerous flakes and blades in association with the outcrop. Overall density is calculated to be <1/sq m.	 Looking SSW.

SU160/L3 Stone Procurement Area	527935e 6476676n
Small, variable quality quartz outcrop measuring 5 x 2m; (<0.2m high). No obvious signs of exploitation however there are numerous flakes and at least one core in association with the outcrop. Overall density is calculated to be <1/sq m.	
SU160/L4 Stone Procurement Area	527870e 6476686n
Low quartz outcrop measuring 0.5 x 0.5m; (<0.4m high). Hertzian cones on outcrop from direct flaking and throwing of quartz pieces, while quartz hammerstone immediately adjacent outcrop is indicative of bipolar flaking directly on the bedrock. Area of associated scree measures 10m x 10m, average artefact density is 10/sq m (i.e. c. 20% artefactual). Quartz 'nosed' scraper with heavy chisel use on one lateral margin (measuring 35 x 15 x 7mm) also found at this locale.	 Looking North East.
SU161/L1 Stone artefacts and heat retaining hearths	530650e 6473850n
Complex of 50 or more hearths, surface artefacts and predicted archaeological deposit in area measuring c. 200 x 200m. Artefacts primarily quartz however silcrete and chert also recorded. Concentrations of cores, blades and flakes at 530661e 6473770n and 530629e 6473772n. Average density of visible artefacts is 5/sq m. High potential for moderate density subsurface artefacts. However parts of area are eroded. Three quartz outcrops in Survey Unit.	 Looking South West.  Well preserved hearth with basin structure.

SU161/L2 Stone Procurement Area	530678e 6473958n
Small white/grey quartz bedrock discontinuous outcrops in area measuring 5 x 0.5 m; (<0.1 m high). No quarrying features but associated with cores and microblades in 1 sq m area of scree.	
SU161/L3 Stone Procurement Area	530687e 6473901n
White/grey variable quality quartz bedrock discontinuous outcrops in area measuring 15 x 2 m; (<0.4 m high). Two areas of Hertzian cone fractures. Associated with cores and flakes in c. 5 sq m area in scree which extends downslope in 20 x 20 m area.	
SU161/L4 Stone Procurement Area	530637e 6474035n
Small white/pink quartz bedrock outcrop in area measuring 3 x 1 m; (<0.8 m high). Hertzian cone fractures and batter marks. Associated with cores, blades and flakes in c. 5 sq m area in scree which extends downslope for 20 m. Artefact density in scree is low (c. 2-3/sq m).	
SU162/L1 Stone artefacts	522060e 6484050n
Sparse white quartz stone artefact distribution (continuous) across SU including flakes, blades and cores. Average artefact density c. <1/50 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit (see below).	
SU162/L2 Stone Procurement Area	522004e 6484096n
Small poor quality white quartz bedrock discontinuous outcrops in area measuring 3 x 0.5 m; (<0.4 m high). One batter mark. Associated with a few cores and flakes.	
SU163/L1 Stone artefacts	522360e 6483950n
Extremely sparse white quartz stone artefact distribution (continuous) across SU including microblade cores, blades and flakes. Average artefact density c. <1/100 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit (see below).	
SU163/L2 Stone Procurement Area	522324e 6483964n
Small poor quality white/grey quartz bedrock discontinuous outcrops in area measuring 15 x 1 m (<0.2 m high). Bedrock tending to flake in chunky pieces. One batter mark and one Hertzian cone fracture. Associated with low density scatter of cores and blades.	
SU165/L1 Stone artefacts	522700e 6484210n
White quartz stone artefact distribution in discrete area measuring 10 x 5 m in saddle including microblade cores, blades and flakes. Average artefact density in saddle c. <1/5 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking 120º.
SU167/L1 Stone artefacts	522900e 6484250n
Extremely sparse white quartz stone artefact distribution (continuous) across SU including occasional small clusters of flakes. Average artefact density c. <1/100 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	

SU168/L1 Stone artefacts	522910e 6483780n
Extremely sparse white quartz stone artefact distribution (continuous) across SU. Cluster of flakes and blades in density of 10/sq m in area measuring 10 x 10 m at 522802e 6483660n. Average artefact density c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking South.
SU173/L1 Stone artefacts	523180e 6483350n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit (see below).	 Looking North.
SU173/L2 Stone Procurement Area	523197e 6483334n
Small white quartz bedrock outcrop in area measuring 3 x 1 m; (<0.2 m high). No quarrying features however associated with a few cores and flakes in an area measuring 5 x 5 m.	

SU174/L1 Stone artefacts	523220e 6483660n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/50 sq m. Artefacts include flakes and blades and one microlith (shallow step fractures along bulbar surface of flake extending from chord: possibly a small chisel; measuring 24 x 24 x 9 mm) Skeletal soil: limited subsurface potential. Nil quartz outcrop in Survey Unit.	 Looking North.
SU175/L1 Stone artefacts	523300e 6483750n
Extremely sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/100 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrop in Survey Unit.	
SU177/L1 Stone artefacts	522240e 6484320n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/5 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrop in Survey Unit.	
SU178/L1 Stone artefacts	521220e 6484970n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrop in Survey Unit.	
SU182/L1 Stone artefacts	522100e 6487320n
Extremely sparse white quartz stone artefact distribution (patchy) across SU. Average artefact density calculated to be c. <1/50 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit.	
SU183/L1 Stone artefacts	522280e 6487430n
Extremely sparse white quartz stone artefact distribution (patchy) across SU. Average artefact density calculated to be c. <1/200 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit.	 Looking West.

SU184/L1 Stone artefacts	522610e 6487570n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit.	 Looking 240º.
SU185/L1 Stone artefacts	522820e 6487650n
Sparse white quartz stone artefact distribution (continuous) across SU. Quartz hammerstone found wedged in rock: measuring 68 x 32 x 30 mm; bruising consistent with hammer usage on one corner in area measuring 18 x 15 mm. Average artefact density calculated to be c. <1/5 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking 220º.
SU186/L1 Stone artefacts	522940e 6487790n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/10 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	
SU187/L1 Stone artefacts	522800e 6487410n
Sparse white quartz stone artefact distribution (continuous) across SU. One fine brown silcrete flake fragment recorded (measuring 40 x 33 x 13 mm). Average artefact density calculated to be c. <1/10 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	
SU189/L1 Stone artefacts	522760e 6487000n
Sparse white quartz stone artefact distribution (continuous) across SU. One fine grey silcrete flake recorded (measuring 24 x 22 x 4 mm). Average artefact density calculated to be c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	

SU190/L1 Stone artefacts	522480e 6486950n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	
SU192/L1 Stone artefacts	522260e 6487925n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. <1/ 20 sq m. Artefacts include flakes and microblades; 1 flake with lateral retouch. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit (see below).	
SU192/L2 Stone Procurement Area	522111e 6487962n
Small white, highly fractured quartz bedrock outcrop measuring 5 x 0.5 m; (<0.1 m high). No obvious signs of utilisation however, 1 core and a small number of flakes recorded immediately adjacent outcrop.	 Looking North East
SU193/L1 Stone artefacts	522500e 6487950n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. <1/20 sq m. Artefacts include flakes microblades and a microblade core. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit.	 Looking South.
SU194/L1 Stone artefacts	522510e 6488100n
Very sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. <1/50 sq m. Artefacts include Hertzian flakes and microblades. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit.	
SU195/L1 Stone artefacts	522325e 6488075n
Extremely sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density c. <1/100 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	

SU197/L1 Stone artefacts	521230e 6482180n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking West.
SU198/L1 Stone artefacts	523125e 6484350n
Continuous white quartz artefact distribution across SU with occasional small clusters of flakes and blades on level bare patches at western end of Survey Unit. Average artefact density c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking East.
SU199/L1 Stone artefacts	523375e 6484500n
Continuous white quartz artefact distribution across SU with density increasing towards northeast end where the Survey Unit begins to flatten out. Average artefact density c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking 320º.

SU200/L1 Stone artefacts	523500e 6484625n
Sparse white quartz artefact distribution (continuous) across SU. Artefacts include Hertzian flakes. Average artefact density c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking North East.
SU201/L1 Stone artefacts	522900e 6484425n
Extremely sparse white quartz artefact distribution across SU Artefacts include Hertzian flakes, blades and cores. Average artefact density c. <1/100 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking NNW.
SU202/L1 Stone artefacts	522900e 6484600n
Continuous white quartz artefact distribution across SU Artefacts include Hertzian flakes, microblades and microblade cores. Average artefact density c. <1/5 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking South.

SU203/L1 Stone artefacts	522900e 6484725n
Sparse white quartz artefact distribution (continuous) across SU Artefacts include Hertzian flakes, microblades and microblade cores. Average artefact density c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking South.
SU205/L1 Stone artefacts	522980e 6484930n
Continuous white quartz artefact distribution across SU Artefacts include Hertzian flakes, microblades, cores and one flake with lateral retouch. Average artefact density c. <1/5 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking North East.
SU209/L1 Stone artefacts	522625e 6484840n
Continuous white quartz artefact distribution across SU. Average artefact density c. <1/5 sq m. Skeletal soil: limited subsurface potential. Two quartz outcrops in Survey Unit (see below).	 Looking North.

SU209/L2 Stone Procurement Area	522651e 6484868n
Dispersed low quartz vein measuring 10m long; (<0.1 m high). No obvious signs of utilisation however associated scree that extends 20m downslope contains Hertzian flakes at an average density of c. 1/5 sq m.	
SU210/L1 Stone artefacts	522600e 6485025n
Continuous white quartz artefact distribution across SU. Artefacts recorded include microblades, microblade cores and a single quartz block anvil. Overall artefact density averages c. <1/5 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit .	 Looking South East.
SU211/L1 Stone artefacts	522500e 6485100n
Sparse white quartz artefact distribution (continuous) across SU. Average artefact density c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking North West.

SU212/L1 Stone artefacts	522400e 6485190n
Continuous, sparse white quartz artefact distribution across SU. Average artefact density c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking South West.
SU213/L1 Stone artefacts	522275e 6485250n
Continuous, sparse white quartz artefact distribution across SU. Artefacts include Hertzian flakes and a microblade with usewear on one margin. Average artefact density c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking West.
SU215/L1 Stone artefacts	521920e 6485260n
Very sparse white quartz artefact distribution (patchy) across SU, tending towards higher density at northern end. Average artefact density c. <1/50 sq m. Skeletal soil: limited subsurface potential. Three quartz outcrops in Survey Unit (see below).	 Looking South West.

SU215/L2 Stone Procurement Area	521986e 6485248n
Low white, opaque, highly fractured quartz bedrock outcrop measuring 10 x 8 m; (<0.7 m high). No obvious signs of battering however artefact in associated scree average a density of 1/5 sq m.	
SU215/L3 Stone Procurement Area	521758e 6485242n
Low white, highly fractured quartz bedrock outcrop measuring 10 x 5 m; (<0.3 m high). No obvious signs of battering however associated scree includes approximately 2 artefacts/ sq m.	
SU216/L1 Stone artefacts	521575e 6485200n
Continuous low density white quartz artefact distribution increasing slightly in density at eastern end of SU. Average artefact density c. <1/5 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit	
SU218/L1 Stone artefacts	520950e 6482190n
Sparse white quartz stone artefact distribution (continuous) across SU. Small cluster of artefacts including cores, flakes and blades in area measuring 5 x 5 m at 520948e 6482160n (artefact density calculated to be 15/ sq m.). Average artefact density calculated to be c. <1/ 1 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking 120º from West end.
SU219/L1 Stone artefacts	520530e 6482310n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit.	
SU220/L1 Stone artefacts	520380e 6482300n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	
SU221/L1 Stone artefacts	520320e 6482220n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/50 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	

SU222/L1 Stone artefacts	520280e 6482100n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	 Looking East from West end.
SU223/L1 Stone artefacts	519950e 6482250n
Continuous low density white quartz artefact distribution across SU. Average artefact density c. <1/5 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit	 Looking North West.
SU224/L1 Stone artefacts	519850e 6482350n
Low density white quartz artefact distribution (patchy) across SU. Artefact density varies from c. 1/ 20 sq m to c. 5/ sq m. Average artefact density c. <1/5 sq m. Skeletal soil: limited subsurface potential. One quartz outcrop in Survey Unit (see below)	 Looking West.

SU224/L2 Stone Procurement Area	519848e 6482333n
Small, low white quartz bedrock outcrop measuring 2 x 1 m; (<0.1 m high). No obvious signs of battering however there are microblades and flakes in the associated scree that extends about 20m downslope.	
SU225/L1 Stone artefacts	519500e 6482600n
Continuous distribution of low density white quartz artefacts across SU. Artefacts include Hertzian flakes, microblades and microblade cores. One grey silcrete flake that had been utilised as a multidirectional core also recorded (measuring 28 x 29 x 24mm) Average density varies from c. 1/ 2 sq m to c. 1/ 10 sq m. Average artefact density c. <1/ 5 sq m. Skeletal soil: limited subsurface potential. Three quartz outcrops in Survey Unit (see below)	 Looking South East.
SU225/L2 Stone Procurement Area	519497e 6482600n
Medium sized milky quartz bedrock outcrop measuring 20 x 5 m; (<1.5 m high). Quartz is opaque and fractured, there are numerous batter marks and Hertzian cone fractures. Scree extends for approximately 50m downslope and includes Hertzian flakes of varying sizes. Average artefact density in scree is c. 5/ sq m. Site is located about 30m south of existing vehicle track.	
SU226/L1 Stone artefacts	526100e 6482150n
Sparse white quartz stone artefact distribution (continuous) across SU. One silcrete flake with terrestrial cortex at 526184e 6482137n. Average artefact density calculated to be c. <1/100 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	
SU227/L1 Stone Procurement Area	525526e 6482028n
White quartz bedrock outcrop in area measuring 15 x 5 m; (<0.4 m high). One battering mark and associated with very sparse artefacts in scree.	
SU229/L1 Stone artefacts	522820e 6482230n
White quartz stone artefact distribution (continuous) across SU. Relatively high density scatter (of flakes, cores and 2 small core both with bruising consistent with hammer wear) between 522936e 6482125n (east end) and 522780e 6482276n (west end): density calculated to be 10/sq m. Also extensive artefact scatter to west from SPA (see below). Moderate subsurface potential. One quartz outcrop in Survey Unit.	 Looking West.

SU229/L1 Stone Procurement Area	522932e 6482229n
White good quality quartz bedrock outcrop in area measuring 12 x 5 m; (<0.2 m high). Battering marks and negative flake scars; associated with very artefacts in large area of scree.	 Looking South.
SU230/L1 Stone artefacts	522430e 6482260n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/20 sq m. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit.	
SU231/L1 Stone artefacts	519000e 6482810n
Sparse white quartz stone artefact distribution (continuous) across SU. Average artefact density calculated to be c. <1/50 sq m. 3 silcrete artefacts recorded. Skeletal soil: limited subsurface potential. Nil quartz outcrops in Survey Unit; however gibber pavement.	
SU231/L2 Possible stone arrangement	519173e 6482885n
Possible stone arrangement consisting of two, low stone circular mounds located c. 20 m apart: 1 mound being 3.4 m diameter and 0.35m high at 519173e 6482885n; 2nd one being 1 x 0.8 m in diameter and 0.2m high at 519190e 6482900n. The origin of these mounds can not be determined by visual inspection alone however they are possibly of Aboriginal construction. Both features partially covered by wind blown soil.	 Looking East.

2 HERITAGE ITEMS RECORDED

Silverton Wind Farm Isolated Find 1	E 528163.314 N 6475710.678
A fine-grained silcrete greyish cream coloured retouched flake found in fine sandy soils and with excellent visibility - located approx. 47 metres west from centre of access track. No other artefacts were observed. There is low potential for subsurface archaeological deposits to be present.	 **Plate 1 : Detail of silcrete flake, SWF Isolated Find 1**  **Plate 2: Location of SWF Isolated Find 1, facing west**

Silverton Wind Farm Isolated Find 2	E 527975.715 N 6476941.829
A fine-grained white quartz flake found in sandy soils with excellent visibility near a creek crossing near an old army camp. No other artefacts were observed. There is low potential for subsurface archaeological deposits to be present.	 **Plate 3: Detail of Quartz Flake SWF Isolated Find 2**  **Plate 4: Location of SWF Isolated Find 2, facing south**

Silverton Wind Farm Artefact Scatter 1	E 527976.827 N 6477112.86
A scatter comprised of eight quartz artefacts and one light brownish-red fine-grained silcrete artefact scattered over sandy soils with very good visibility. The scatter measures approximately 5 m north-south and 2 m east-west. It is located on an open area near the east side of an unmade road. There is low potential for subsurface archaeological deposits to be present.	 **Plate 5: Selection of quartz artefacts and silcrete artefact in bottom row**  **Plate 6: Location of SWF Artefact Scatter 1, facing north**

Silverton Wind Farm Isolated Find 3	E 526991.010 N 6478767.291
A greyish fine-grained quartz thumbnail scraper located on sandy soils with good visibility approximately 17 m east of an access track. No other artefacts were observed. There is low potential for subsurface archaeological deposits to be present.	 **Plate7: fine grained thumbnail scraper**
Silverton Wind Farm Artefact Scatter 2	**E 526798.655 N 6478988.853**
A scatter comprised of six fine-grained silcrete artefacts and one fine-grained quartz artefact located in sandy soils with very good visibility approximately 100 m north of a creek bed. The site is partially eroded by water runoff. Site extends approx. 5 metre north south and 8 metres east /west. There is low potential for subsurface archaeological deposits to be present.	

Silverton Wind Farm Quartz Quarry 1	E 526574.897 N 6479229.856
An outcrop of white quartz cropping out of sandy soils with low visibility, located approximately 10 m east of an access track. The outcrop measures approximately 2 m in length east/west and is approximately 25 cm wide at its widest point. No artefacts were observed in association with the quartz outcrop. There is low potential for subsurface archaeological deposits to be present.	 **Plate 9: Detail of SWF Quartz Quarry 1 showing battering marks at widest point**  **Plate 10: View of quartz outcrop facing north**

Silverton Wind Farm Feature 1	E 525331.803 N 6481060 (quartz outcrop) E 525350 N 6481060 (artefact scatter)
Two artefacts found in association with quartz outcrops. Artefacts include a silcrete scraper with retouch, a quartz core with three scars. Some battering was noted on the quartz outcrops. The site extends approximately 20 m north-south and 15 m east-west. The site is located in sandy soils with fair visibility. There is low potential for subsurface artefacts to be present.	 **Plate 11: view of outcropping quartz facing north**  **Plate 12: Silcrete scraper on left and quartz core on right**

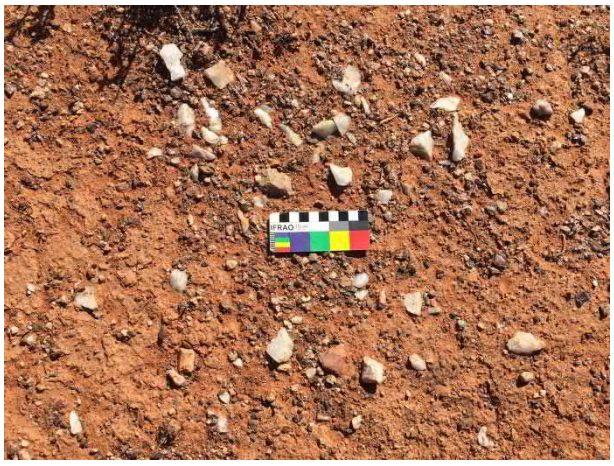
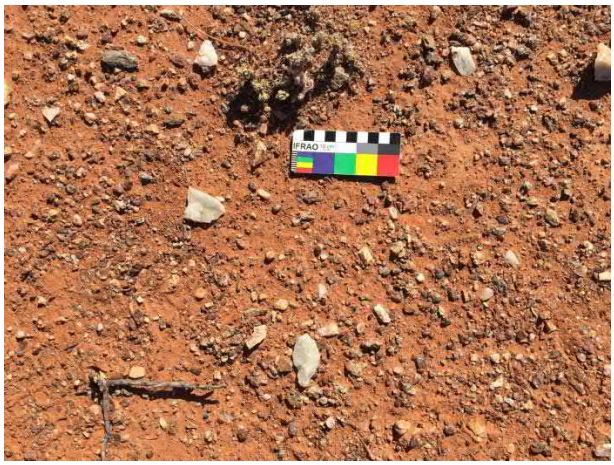
Silverton Wind Farm Artefact Scatter 3	E 525033.598 N 6481704.403
The scatter is comprised of ten fine-grained, white quartz artefacts and a grinding stone located in an exposed area of sandy soil in a sparsely vegetated area east of an access track. The scatter extends approximately 5 m north-south and 20 m east-west. There is low potential for subsurface artefacts to be present.	 **Plate 13: Selection of quartz artefacts**  **Plate 14: Dorsal surface of grinding stone**  **Plate 15:**

Silverton Wind Farm Feature 2	E 524265.107 N 6480622.226 (quarry and artefact scatter)
The site is comprised of a quartz outcrop and scatter of artefacts and is located approximately 2 m south of an access track in sandy soil with fair visibility. Some battering is evident on the southern end of the quartz outcrop. The artefacts include cores and flakes. There is low potential for subsurface artefacts to be present.	 **Plate 16: Battering on southern section of quartz outcrop**  **Plate 17: SWF Feature 2 northern extent of outcrop facing north**  **Plate 18: SWF Feature 2 southern extent of quartz outcrop, facing south**

Silverton Wind Farm Artefact Scatter 4	E 525556.423 N 6480905.141
The artefact scatter is comprised of two fine-grained white quartz cores located in sandy soils with good visibility approximately 20-30 m south of a creek and approximately 25 m west of an existing track. No further artefacts were observed. There is low potential for subsurface artefacts to be present.	 **Plate 19: Two quartz cores**
Silverton Wind Farms Isolated Find 4	**E 525721.507 N 6480831.187**
The artefact is a large, fine-grained white quartz flake located in sandy soil with good visibility approximately 35 m east of an existing track. No further artefacts were observed. There is low potential for subsurface artefacts to be present.	 **Plate 20: View of quartz flake**

Silverton Wind Farm Scarred Tree 1	E 526377.537 N 6479803.075
The tree is a River Red Gum located in sandy soils in a creek bed with a diameter of 2.7 m. The scar is a shield scar which faces north and measures approximately 1.2 m in length and 32 cm at its widest point. The heartwood is collapsing and there is full regrowth; consequently no axe marks are visible. Three base branches were noted. Two nails have been hammered into the tree on its east side; the first of these is located 1.8 m above ground with the second approximately 1 m above the first. The base of the scar is difficult to see due to the build-up of branches and soil deposits around the base. The tree is located approximately 100 m east of an existing track. Not planned to be impacted.	 **Plate 21: view of canopy of tree facing east**  **Plate 22: view of scar, note extensive build up of branches and soil at base**  **Plate 23: Top of scar detail**

Silverton Wind Farm Artefact Scatter 5	E 526253.368 N 6479873.946
This large scatter is comprised of mostly quartz artefacts, flakes and some cores. Fragments of silcrete were also noted. The soil is skeletal and semi alluvial. There is low potential for subsurface archaeological deposits to be present.	 **Plate 24: Scatter, facing south**  **Plate 25: Scatter, facing south west**  **Plate 26: Selection of artefacts, two silcrete flakes on left and six quartz flakes to right**

Silverton Wind Farm Artefact Scatter 6	E 526233.022 N 6479840.919
A large mostly quartz scatter adjacent to an ephemeral waterway comprised of approximately 50 quartz flakes and three cores. Average artefact density of 1/1 sq m. The soil is skeletal and semi alluvial. The scatter is located on sandy soils with good visibility and there appears to be an artefact workshop or knapping floor features. There is low potential for subsurface archaeological deposits to be present.	 **Plate 27: View of scatter facing north**  **Plate 28: detail of quartz knapping floor**  **Plate 29: Quartz artefacts, retouch on quartz scraper near centre bottom of shot**

Appendix F AHIMS Sites in the Project Area

NB. This information is not to be made public.

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342743

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0043	BH1-11;"NIne Mile";	AGD	54	531713	6481753	Open site	Valid	Artefact : -	Isolated Find	
Contact	Recorders	Mr.John Appleton						Permits		
23-4-0044	BH1-12;"NIne Mile";	AGD	54	532657	6481723	Open site	Valid	Artefact : -	Isolated Find	
Contact	Recorders	Mr.John Appleton						Permits		
23-4-0045	BH1-13;"NIne Mile";	AGD	54	533470	6481799	Open site	Valid	Artefact : -	Open Camp Site	
Contact	Recorders	Mr.John Appleton						Permits		
23-4-0047	BH1-10;"Nine Mile";	AGD	54	530395	6481890	Open site	Valid	Artefact : -	Isolated Find	
Contact	Recorders	Mr.John Appleton						Permits		
23-4-0049	BH1-8;"Belmont";	AGD	54	528474	6481907	Open site	Valid	Artefact : -	Open Camp Site	
Contact	Recorders	Mr.John Appleton						Permits		
23-4-0244	SU104/L3	GDA	54	529368	6484229	Open site	Valid	Stone Arrangement : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0245	SU104/L4	GDA	54	529192	6483936	Open site	Valid	Stone Arrangement : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0246	SU104/L5	GDA	54	529225	6484160	Open site	Valid	Stone Arrangement : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0247	SU105/L1	GDA	54	528420	6483990	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0248	SU106/LO1	GDA	54	528730	6483950	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0271	SU119/L3	GDA	54	529215	6485445	Open site	Valid	Stone Arrangement : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0272	SU119/L4	GDA	54	529120	6485376	Open site	Valid	Stone Arrangement : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0273	SU120/L1	GDA	54	529120	6485050	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0274	SU121/L1	GDA	54	528780	6484780	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0275	SU122/L1	GDA	54	528630	6484620	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0276	SU123/L1	GDA	54	528420	6484700	Open site	Valid	Artefact : -		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_1_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 95

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0277	SU123/L2	GDA	54	528414	6484601	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0362	SU129/L2	GDA	54	528423	6483146	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0262	SU115/L1	GDA	54	529710	6485700	Open site	Not a Site	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0263	SU113/L3	GDA	54	529913	6485898	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0264	SU114/1	GDA	54	529860	6485770	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0265	SU115/L2	GDA	54	529626	6485622	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0266	SU116/L1	GDA	54	529560	6485600	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0267	SU117/L1	GDA	54	529420	6485560	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0268	SU118/L1	GDA	54	529300	6485500	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0269	SU119/L1	GDA	54	529170	6485450	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0270	SU119/L2	GDA	54	529253	6485469	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0249	SU106/L2	GDA	54	528724	6483971	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0250	SU107/L1	GDA	54	527820	6484250	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0251	SU108/L1	GDA	54	528050	6483550	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0252	SU109/L1	GDA	54	528320	6483800	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_1_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 95

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0253	SU110/L1	GDA	54	529810	6486320	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0254	SU111/L1	GDA	54	529890	6486560	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0255	SU111/L2	GDA	54	529885	6486491	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0256	SU111/L3	GDA	54	529899	6486527	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0257	SU111/L4	GDA	54	529945	6486734	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0258	SU112/L1	GDA	54	529530	6486400	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0259	SU112/L2	GDA	54	529630	6486404	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0260	SU113/L1	GDA	54	529950	6486030	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0356	SU125/1	GDA	54	528410	6484300	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0357	SU126/L1	GDA	54	528280	6483450	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0358	SU126/L2	GDA	54	528263	6483471	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0363	SU130/L1	GDA	54	528500	6482900	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0298	SU182/L1	GDA	54	522100	6487320	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0299	SU183/L1	GDA	54	522280	6487430	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0300	SU184/L1	GDA	54	522610	6487570	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_1_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 95

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0301	SU185/L1	GDA	54	522820	6487650	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0302	SU186/L1	GDA	54	522940	6487790	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0303	SU187/L1	GDA	54	522800	6487410	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0304	SU189/L1	GDA	54	522760	6487000	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0306	SU192/L1	GDA	54	522260	6487925	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0307	SU192/L2	GDA	54	522111	6487962	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0308	SU193/L1	GDA	54	522500	6487950	Open site	Valid	Artefact : -		
Contact		Recorders	Mr.Mark Dibben					Permits		
23-4-0309	SU194/L1	GDA	54	522510	6488100	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0310	SU195/L1	GDA	54	522325	6488075	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0261	SU113/L2	GDA	54	529913	6485937	Open site	Valid	Stone Arrangement : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0278	SU124/L1	GDA	54	528430	6484480	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0238	SU101/L3	GDA	54	527952	6482595	Open site	Valid	Stone Arrangement : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0239	SU102/L1	GDA	54	528780	6483750	Open site	Destroyed	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0240	SU102/L2	GDA	54	528802	6483705	Open site	Destroyed	Stone Arrangement : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0241	SU103/L1	GDA	54	528950	6483680	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0242	SU104/L1	GDA	54	529430	6484290	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0243	SU104/L2	GDA	54	529430	6484379	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0359	SU127/1	GDA	54	528240	6483260	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0360	SU128/L1	GDA	54	528150	6483100	Open site	Not a Site	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0361	SU129/L1	GDA	54	528550	6483100	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0460	SU247/L1	GDA	54	531100	6486800	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0470	SU249/2	GDA	54	529685	6487238	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0502	SU255/L1	GDA	54	529870	6486220	Open site	Not a Site	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0503	SU255/L2	GDA	54	529927	6485796	Open site	Destroyed	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0504	SU255/L3	GDA	54	529881	6486704	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0545	SU268/L1	GDA	54	530200	6484000	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0546	SU268/L2	GDA	54	531325	6485906	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0547	SU268/L3	GDA	54	531476	6486232	Open site	Valid	Artefact : 3		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0548	SU268/L4	GDA	54	531680	6486600	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0551	SU268/L7	GDA	54	531287	6485802	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0552	SU268/L8	GDA	54	531325	6485608	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0553	SU268/L9	GDA	54	531088	6485066	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342743

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0554	SU268/L10	GDA	54	531027	6484915	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0555	SU268/L11	GDA	54	530953	6484795	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0556	SU268/L12	GDA	54	530877	6484633	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0557	SU268/L13	GDA	54	530776	6484446	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0561	SU269/L1	GDA	54	530380	6486680	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0562	SU269/L2	GDA	54	530405	6486772	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0563	SU269/L3	GDA	54	530433	6486640	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0564	SU269/L4	GDA	54	530396	6486573	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0565	SU269/L5	GDA	54	530420	6486583	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0566	SU270/L1	GDA	54	530400	6485300	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0567	SU270/L2	GDA	54	530802	6485119	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0568	SU270/L3	GDA	54	530500	6485168	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0569	SU270/L4	GDA	54	530311	6485245	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0575	SU271/L6	GDA	54	528395	6487843	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0576	SU271/L7	GDA	54	528404	6487802	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0577	SU271/L8	GDA	54	528420	6487806	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0578	SU271/L9	GDA	54	528406	6487784	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_1_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 95

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342754

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0052	BH1-4;"Belmont";	AGD	54	522599	6482258	Open site	Valid	Artefact : -	Open Camp Site	
Contact		Recorders	Mr.John Appleton					Permits		
23-4-0055	BHI-1;	AGD	54	524400	6482000	Open site	Valid	Artefact : -	Isolated Find	3703
Contact		Recorders	Mr.John Appleton					Permits		
23-4-0170	SU43-L4	GDA	54	523505	6479692	Open site	Valid	Stone Quarry : 1		
Contact		Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0171	SU44-L1	GDA	54	523380	6479410	Open site	Valid	Artefact : 1		
Contact		Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0382	SU148/L2	GDA	54	527945	6475904	Open site	Valid	Stone Arrangement : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0172	SU45-L1	GDA	54	523220	6479370	Open site	Valid	Artefact : 1		
Contact		Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0173	SU46-L1	GDA	54	523120	6479330	Open site	Valid	Artefact : 1		
Contact		Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0197	SU67-L1	GDA	54	524600	6480000	Open site	Valid	Artefact : 1		
Contact		Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0198	SU69-L1	GDA	54	525070	6480000	Open site	Valid	Artefact : 1		
Contact		Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0199	SU70-L1	GDA	54	525160	6479800	Open site	Valid	Artefact : 1		
Contact		Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0200	SU71-L1	GDA	54	525310	6476930	Open site	Valid	Artefact : 1		
Contact		Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0201	SU74-L1	GDA	54	524993	6480580	Open site	Valid	Artefact : 1		
Contact		Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0287	SU163/L1	GDA	54	522360	6483950	Open site	Valid	Stone Arrangement : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0288	SU163/L2	GDA	54	522324	6483964	Open site	Valid	Stone Arrangement : 3		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0289	SU165/L1	GDA	54	522700	6484210	Open site	Valid	Stone Arrangement : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0290	SU167/L1	GDA	54	522900	6484250	Open site	Valid	Stone Arrangement : -		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_2_GDA94MGAz54.SHP with a buffer of 0 meters.

Additional Info : Heritage management plans. Number of Aboriginal sites and Aboriginal objects found is 80

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0291	SU168/L1	GDA	54	522910	6483780	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0292	SU173/L1	GDA	54	523180	6483350	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0293	SU173/L2	GDA	54	523197	6483334	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0294	SU174/L1	GDA	54	523220	6483660	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0295	SU175/L1	GDA	54	523300	6483750	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0296	SU177/L1	GDA	54	522240	6484320	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0312	SU198/L1	GDA	54	523125	6484350	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0315	SU201/L1	GDA	54	522900	6484425	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0316	SU202/L1	GDA	54	522900	6484600	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0317	SU203/L1	GDA	54	522900	6484725	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0318	SU205/L1	GDA	54	522980	6484930	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0319	SU209/L1	GDA	54	522625	6484840	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Mark Dibben					Permits		
23-4-0320	SU209/L2	GDA	54	522651	6484868	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0322	SU211/L1	GDA	54	522500	6485100	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0323	SU212/L1	GDA	54	522400	6485190	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0324	SU213/L1	GDA	54	522275	6485250	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0325	SU215/L1	GDA	54	521920	6485260	Open site	Valid	Artefact : -		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_2_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plans. Number of Aboriginal sites and Aboriginal objects found is 80

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0326	SU215/L2	GDA	54	521986	6485248	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0342	SU229/L2	GDA	54	522932	6482229	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0383	SU148/L3	GDA	54	527965	6475882	Open site	Valid	Stone Arrangement : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0384	SU150/L1	GDA	54	528150	6475500	Open site	Valid	Stone Arrangement : 2		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0134	SU1-L1	GDA	54	523550	6481800	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0135	SU2-L1	GDA	54	523490	6481500	Open site	Valid	Artefact : 1		722
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0136	SU2-L2	GDA	54	523501	6481429	Open site	Valid	Stone Quarry : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0137	SU2-L3	GDA	54	523515	6481582	Open site	Valid	Stone Quarry : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0138	SU3-L1	GDA	54	523500	6481230	Open site	Valid	Stone Quarry : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0139	SU4-L1	GDA	54	523440	6481070	Open site	Valid	Stone Quarry : -		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0140	SU4-L2	GDA	54	523386	6481115	Open site	Valid	Stone Quarry : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0141	SU5-L1	GDA	54	523220	6481150	Open site	Valid	Stone Quarry : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0142	SU5-L2	GDA	54	523355	6481107	Open site	Valid	Stone Quarry : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0143	SU5-L3	GDA	54	523334	6481079	Open site	Valid	Stone Quarry : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0144	SU6-L1	GDA	54	522930	6481400	Open site	Valid	Stone Quarry : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0145	SU9-L1	GDA	54	523530	6480950	Open site	Valid	Stone Quarry : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_2_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plans. Number of Aboriginal sites and Aboriginal objects found is 80

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342754

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0146	SU9-L2	GDA	54	523553	6480934	Open site	Valid	Stone Quarry : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0147	SU10-L1	GDA	54	523420	6480730	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0148	SU12-L1	GDA	54	522900	6480320	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0149	SU13-L1	GDA	54	523690	6480840	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0150	SU15-L1	GDA	54	523800	6481240	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0151	SU16-L1	GDA	54	523920	6481750	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0152	SU18-L1	GDA	54	523540	6482120	Open site	Not a Site	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0153	SU19-L1	GDA	54	523650	6482330	Open site	Partially Destroyed	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0154	SU20-L1	GDA	54	523750	6482491	Open site	Partially Destroyed	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0158	SU26-L1	GDA	54	523820	6482970	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0159	SU28-L1	GDA	54	524410	6481170	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0160	SU29-L1	GDA	54	524290	6480830	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0161	SU30-L1	GDA	54	524184	6480550	Open site	Valid	Stone Quarry : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0162	SU31-L1	GDA	54	524221	6480212	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0163	SU38-L1	GDA	54	523620	6479200	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0164	SU41-L1	GDA	54	523930	6480050	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0165	SU41-L2	GDA	54	523965	6480112	Open site	Valid	Stone Quarry : 1		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_2_GDA94MGAz54.SHP with a buffer of 0 meters.

Additional Info : Heritage management plans. Number of Aboriginal sites and Aboriginal objects found is 80

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342754

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0166	SU42/L1	GDA	54	523780	6479930	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0167	SU43-L1	GDA	54	523530	6479780	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0168	SU43-L2	GDA	54	523601	6479808	Open site	Valid	Stone Quarry : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0169	SU43-L3	GDA	54	523551	6479746	Open site	Valid	Stone Quarry : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0585	SU275/L1	GDA	54	524580	6481560	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0586	SU275/L2	GDA	54	524241	6481692	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0587	SU275/L3	GDA	54	524432	6481648	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0588	SU275/L4	GDA	54	524524	6481579	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0589	SU275/L5	GDA	54	524768	6481520	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0590	SU275/L6	GDA	54	524825	6481567	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0654	SILVERTON WIND FARM IF 1	GDA	54	528163	6475710	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					Permits		
23-4-0661	SILVERTON WIND FARM IF5	GDA	54	523588	6481800	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					Permits		
23-4-0667	SILVERTON WIND FARM AS10	GDA	54	523523	6481334	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					Permits		
23-4-0669	SILVERTON WIND FARM FEATURE 2	GDA	54	524265	6480622	Open site	Valid	Artefact : 1, Stone Quarry : 1		
	Contact	Recorders	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_2_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plans. Number of Aboriginal sites and Aboriginal objects found is 80

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342755

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0053	BH1-2;"Belmont";	AGD	54	520586	6482055	Open site	Valid	Artefact : -	Isolated Find	
	Contact	**Recorders**	Mr.John Appleton					**Permits**		
23-4-0054	BH1-3;"Belmont";	AGD	54	520587	6482057	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	**Recorders**	Mr.John Appleton					**Permits**		
23-4-0174	SU47-L1	GDA	54	522900	6479390	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0175	SU48-L1	GDA	54	522690	6479100	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0176	SU49-L1	GDA	54	522500	6479040	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0177	SU50-L1	GDA	54	522320	6479230	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0178	SU51/L1	GDA	54	522370	6478870	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0179	SU52/L1	GDA	54	522700	6478700	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0180	SU53/L1	GDA	54	522630	6478420	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0181	SU54-L1	GDA	54	522500	6478100	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0182	SU55-L1	GDA	54	522300	6478220	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0183	SU56-L1	GDA	54	522320	6477800	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0184	SU56-L2	GDA	54	522281	6477626	Open site	Valid	Stone Quarry : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0185	SU58-L1	GDA	54	522900	6478220	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0186	SU59-L1	GDA	54	523110	6478750	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0187	SU59-L2	GDA	54	523130	6478638	Open site	Valid	Stone Quarry : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0188	SU59-L3	GDA	54	523097	6478749	Open site	Valid	Stone Quarry : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_3_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 61

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0286	SU162/L2	GDA	54	522004	6484096	Open site	Valid	Stone Arrangement : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0297	SU178/L1	GDA	54	521220	6484970	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0311	SU197/L1	GDA	54	521230	6482180	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0327	SU215/L3	GDA	54	521758	6485242	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0328	SU216/L1	GDA	54	521575	6485200	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0329	SU218/L1	GDA	54	520950	6482190	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0330	SU219/L1	GDA	54	520530	6482310	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0331	SU220/L1	GDA	54	520380	6482300	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0332	SU221/L1	GDA	54	520320	6482220	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0333	SU222/L1	GDA	54	520280	6482100	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0334	SU223/L1	GDA	54	519950	6482250	Open site	Valid	Artefact : -		103044
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0335	SU224/L1	GDA	54	519850	6482350	Open site	Valid	Artefact : -		103044
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0336	SU224/L2	GDA	54	519848	6482333	Open site	Valid	Artefact : -		103044
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0337	SU225/L1	GDA	54	519500	6482600	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0338	SU225/L2	GDA	54	519497	6482600	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0341	SU229/L1	GDA	54	522280	6482230	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0343	SU230/L1	GDA	54	522430	6482260	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_3_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 61

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0344	SU231/L1	GDA	54	519000	6482810	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0345	SU231/L2	GDA	54	519173	6482885	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0487	SU250/L1	GDA	54	520300	6482650	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0488	SU251/L1	GDA	54	521300	6483450	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0489	SU251/L2	GDA	54	521797	6482878	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0490	SU251/L3	GDA	54	521478	6483343	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0491	SU251/L4	GDA	54	521422	6483469	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0492	SU251/L5	GDA	54	521170	6483557	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0493	SU251/L6	GDA	54	521118	6483582	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0494	SU251/L7	GDA	54	521079	6483595	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0495	SU251/L8	GDA	54	521052	6483600	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0496	SU251/L9	GDA	54	520863	6483812	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0497	SU251/L10	GDA	54	520803	6483912	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0498	SU252/L1	GDA	54	521800	6481250	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0499	SU252/L2	GDA	54	521368	6480750	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0500	SU252/L3	GDA	54	521429	6480804	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0501	SU253/L1	GDA	54	521450	6479250	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_3_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 61

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342755

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0505	SU257/L1	GDA	54	523150	6477200	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0506	SU257/L2	GDA	54	523152	6477024	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0579	SU272/L1	GDA	54	522270	6482350	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0580	SU272/L2	GDA	54	522125	6482440	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0662	SILVERTON WIND FARM IF6	GDA	54	520214	6482096	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0663	SILVERTON WIND FARM IF7	GDA	54	520341	6482077	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0664	SILVERTON WIND FARM AS7	GDA	54	520431	6482532	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0665	SILVERTON WIND FARM AS8	GDA	54	520406	6482406	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0666	SILVERTON WIND FARM AS9	GDA	54	521256	6482212	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0668	SILVERTON WIND FARM FEATURE 4	GDA	54	522221	6482229	Open site	Valid	Artefact : 1, Stone Arrangement : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_3_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 61

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342756

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0446	SU241/L4	GDA	54	527700	6494853	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0447	SU242/L1	GDA	54	527780	6497200	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0449	SU242/L3	GDA	54	528063	6496900	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0450	SU243/L1	GDA	54	528090	6498000	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0451	SU243/L2	GDA	54	528291	6497698	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0452	SU243/L3	GDA	54	527945	6498218	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0453	SU243/L4	GDA	54	527884	6498250	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0455	SU244/L1	GDA	54	529670	6500080	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0456	SU246/L1	GDA	54	531800	6496500	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0457	SU246/L2	GDA	54	530932	6497271	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0458	SU246/L3	GDA	54	530921	6497243	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0459	SU246/L4	GDA	54	531598	6496948	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0461	SU248/L1	GDA	54	530600	6487900	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0462	SU248/L2	GDA	54	531046	6487438	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0463	SU248/L3	GDA	54	530958	6487468	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0464	SU248/L4	GDA	54	531005	6488054	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0465	SU248/L5	GDA	54	530936	6488067	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_4_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 109

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0395	SU233/L1	GDA	54	533600	6498250	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0396	SU233/L2	GDA	54	534227	6497991	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0397	SU234/L1	GDA	54	532480	6499360	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0398	SU234/L2	GDA	54	532628	6499360	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0399	SU234/L3	GDA	54	532443	6499386	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0400	SU234/L4	GDA	54	532565	6499565	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0401	SU235/L1	GDA	54	528650	6498150	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0402	SU235/L2	GDA	54	529650	6497330	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0403	SU235/L3	GDA	54	528682	6498510	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0404	SU236/L1	GDA	54	529552	6498130	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0405	SU236/L2	GDA	54	529975	6497983	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0406	SU236/L3	GDA	54	530166	6498581	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0407	SU236/L4	GDA	54	530083	6497907	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0466	SU248/L6	GDA	54	530798	6488059	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0467	SU248/7	GDA	54	530244	6487422	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0468	SU248/L8	GDA	54	530241	6487334	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0469	SU249/L1	GDA	54	529100	6488500	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_4_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 109

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0471	SU249/L3	GDA	54	529332	6487662	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0472	SU249/L4	GDA	54	529301	6487694	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0473	SU249/L5	GDA	54	529158	6488270	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0474	SU249/L6	GDA	54	528891	6488609	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0475	SU249/L7	GDA	54	528881	6488628	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0408	SU236/L5	GDA	54	530147	6497912	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0409	SU237/L1	GDA	54	530800	6495490	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0410	SU237/L2	GDA	54	530088	6496968	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0411	SU237/L3	GDA	54	530553	6496105	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0412	SU237/L4	GDA	54	530577	6496069	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0413	SU237/L5	GDA	54	530640	6496069	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0414	SU237/L6	GDA	54	530616	6496005	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0415	SU237/L7	GDA	54	530676	6495829	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0416	SU237/L8	GDA	54	530715	6495698	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0417	SU237/L9	GDA	54	530742	6495688	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0418	SU237/L10	GDA	54	530549	6495156	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0419	SU237/L11	GDA	54	530563	6495096	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_4_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 109

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0420	SU237/L12	GDA	54	530248	6494706	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0421	SU237/L13	GDA	54	530172	6494511	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0422	SU238/L1	GDA	54	529800	6495850	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0423	SU238/L2	GDA	54	529772	6495803	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0424	SU239/L1	GDA	54	531100	6497500	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0425	SU239/L2	GDA	54	531178	6497638	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0426	SU239/L3	GDA	54	530929	6497624	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0427	SU239/L4	GDA	54	530805	6497760	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0428	SU239/L5	GDA	54	530756	6497947	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0429	SO240/L1	GDA	54	527250	6495650	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0476	SU249/L8	GDA	54	528754	6488714	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0477	SU249/L9	GDA	54	528746	6488749	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0478	SU249/L10	GDA	54	528731	6488658	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0479	SU249/L11	GDA	54	528462	6488777	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0480	SU249/L12	GDA	54	528394	6488858	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0481	SU249/L13	GDA	54	528337	6488998	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0482	SU249/L14	GDA	54	528304	6489121	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_4_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 109

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0483	SU249/L15	GDA	54	528260	6489113	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0484	SU249/L16	GDA	54	528228	6489268	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0485	SU249/L17	GDA	54	528220	6489296	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0486	SU249L18	GDA	54	528202	6489322	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0511	SU260/L1	GDA	54	534080	6496450	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0512	SU260/L2	GDA	54	533966	6496506	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0513	SU261/L1	GDA	54	534380	6495000	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0514	SU261/L2	GDA	54	534247	6495233	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0515	SU261/L3	GDA	54	534614	6494764	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0434	SU240/L6	GDA	54	527213	6495462	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0435	SU240/7	GDA	54	527236	6495463	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0436	SU240/L8	GDA	54	527301	6495633	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0438	SU240/L10	GDA	54	527462	6495738	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0439	SU240/L11	GDA	54	527691	6495786	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0440	SU240/L12	GDA	54	527800	6495900	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0441	SU240/L13	GDA	54	528569	6495529	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Mark Dibben					Permits		
23-4-0443	SU241/L1	GDA	54	528542	6495464	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_4_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 109

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0444	SU241/L2	GDA	54	528341	6495227	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0445	SU241/L3	GDA	54	528137	6495068	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0522	SU262/L5	GDA	54	533911	6497369	Open site	Valid	Hearth : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0523	SU262/L6	GDA	54	533931	6497376	Open site	Valid	Hearth : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0525	SU264/L1	GDA	54	534750	6496200	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0526	SU264/L2	GDA	54	534719	6496369	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0527	SU264/L3	GDA	54	534950	6496118	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0528	SU264/L4	GDA	54	535047	6495991	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0542	SU267/L11	GDA	54	533570	6490326	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0543	SU267/L12	GDA	54	533716	6490260	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0544	SU267/L13	GDA	54	533600	6490150	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0549	SU268/L5	GDA	54	531767	6487032	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0550	SU268/L6	GDA	54	531816	6486973	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0570	SU271/L1	GDA	54	528230	6488200	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0571	SU271/L2	GDA	54	528021	6489351	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0572	SU271/L3	GDA	54	527907	6489343	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0573	SU271/L4	GDA	54	528042	6488934	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_4_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 109

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342756

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0574	SU271/L5	GDA	54	528052	6488893	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0516	SU261/L4	GDA	54	534499	6494832	Open site	Valid	Artefact : 1, Hearth : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0517	SU261/L5	GDA	54	534655	6494832	Open site	Valid	Artefact : 1, Hearth : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0518	SU262/L1	GDA	54	533800	6497490	Open site	Valid	Artefact : 3		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0519	SU262/L2	GDA	54	533376	6497716	Open site	Valid	Hearth : 2		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0520	SU262/L3	GDA	54	533796	6497432	Open site	Valid	Hearth : 1		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0521	SU262/L4	GDA	54	533387	6497411	Open site	Valid	Hearth : 1		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_4_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 109

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342764

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0390	SU154/L1	GDA	54	527000	6478275	Open site	Valid	Stone Arrangement : 4		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0391	SU155/L1	GDA	54	527210	6478970	Open site	Valid	Stone Arrangement : 1		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0392	SU155/L2	GDA	54	527137	6477931	Open site	Valid	Stone Arrangement : 1		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0393	SU155/L3	GDA	54	527113	6477906	Open site	Valid	Stone Arrangement : 1		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0189	SU60-L1	GDA	54	525100	6481930	Open site	Valid	Artefact : 1		
Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes						Permits		
23-4-0190	SU61-L1	GDA	54	525140	6482120	Open site	Valid	Artefact : 1		
Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes						Permits		
23-4-0191	SU62-L1	GDA	54	525280	6482180	Open site	Valid	Artefact : 1, Hearth : 1		
Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes						Permits		
23-4-0192	SU63-L1	GDA	54	525430	6482230	Open site	Valid	Artefact : 1		
Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes						Permits		
23-4-0193	SU63-L2	GDA	54	525362	6482103	Open site	Valid	Stone Quarry : 1		
Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes						Permits		
23-4-0194	SU64-L1	GDA	54	525330	6482400	Open site	Valid	Artefact : 1, Hearth : 1		
Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes						Permits		
23-4-0195	SU64/L2	GDA	54	525414	6482449	Open site	Valid	Stone Quarry : 1		
Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes						Permits		
23-4-0196	SU65-L1	GDA	54	525140	6482370	Open site	Valid	Artefact : 1, Hearth : 2		
Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes						Permits		
23-4-0279	SU160/L2	GDA	54	527926	6476687	Open site	Valid	Stone Quarry : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0280	SU160/L3	GDA	54	527953	6476676	Open site	Valid	Stone Arrangement : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0281	SU160/L4	GDA	54	527870	6476686	Open site	Valid	Stone Arrangement : -		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_5_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 95

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0202	SU75-L1	GDA	54	525133	6481494	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0219	SU90-L1	GDA	54	526950	6480930	Open site	Not a Site	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0364	SU132/L1	GDA	54	525450	6481090	Open site	Valid	Stone Arrangement : 3		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0365	SU133/L1	GDA	54	525660	6480890	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0366	SU133/L2	GDA	54	525681	6480954	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0367	SU136/L1	GDA	54	527970	6477290	Open site	Valid	Stone Arrangement : -, Hearth : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0368	SU137/L1	GDA	54	527900	6477600	Open site	Valid	Stone Quarry : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0369	SU138/L1	GDA	54	527770	6477950	Open site	Valid	Stone Arrangement : -, Hearth : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0370	SU139/L1	GDA	54	527580	6478290	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0371	SU140/L1	GDA	54	527360	6478510	Open site	Valid	Stone Arrangement : -, Hearth : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0372	SU141/L1	GDA	54	526980	6478800	Open site	Valid	Stone Arrangement : -, Hearth : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0229	SU97/L1	GDA	54	526150	6480970	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0230	SU97/L2	GDA	54	526012	6480973	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0231	SU97/L3	GDA	54	526003	6481009	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_5_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 95

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342764

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0232	SU98/L1	GDA	54	525950	6481060	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0233	SU98/L2	GDA	54	525986	6481031	Open site	Valid	Stone Arrangement : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0234	SU99/L1	GDA	54	525700	6481270	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0050	BH1-5;"Belmont";	AGD	54	524498	6482025	Open site	Valid	Artefact : -	Open Camp Site	
Contact	Recorders	Mr.John Appleton						Permits		
23-4-0313	SU199/L1	GDA	54	523375	6484500	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0314	SU200/L1	GDA	54	523500	6484625	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0321	SU210/L1	GDA	54	522600	6485925	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0373	SU142/L1	GDA	54	527090	6479060	Open site	Valid	Artefact : 9		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0374	SU143/L1	GDA	54	526630	6479520	Open site	Valid	Stone Arrangement : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0375	SU144/L1	GDA	54	525880	6480150	Open site	Valid	Stone Arrangement : 1		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0376	SU144/L2	GDA	54	525969	6480341	Open site	Valid	Stone Arrangement : 2		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0377	SU145/L1	GDA	54	526080	6479850	Open site	Valid	Stone Arrangement : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0378	SU145/L2	GDA	54	526020	6479743	Open site	Valid	Stone Arrangement : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0379	SU146/L1	GDA	54	526310	6479360	Open site	Valid	Stone Arrangement : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		
23-4-0222	SU93/L1	GDA	54	526650	6480580	Open site	Valid	Artefact : -		
Contact	Recorders	Doctor.Julie Dibden						Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_5_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 95

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0223	SU94/L1	GDA	54	526750	6480350	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0224	SU94/L2	GDA	54	526651	6480533	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0225	SU94/L3	GDA	54	526850	6480333	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0226	SU95/L1	GDA	54	526430	6480900	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0227	SU95/L2	GDA	54	526502	6480864	Open site	Valid	Stone Arrangement : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0228	SU96/L1	GDA	54	526359	6480930	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0340	SU227/L1	GDA	54	525526	6482028	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0385	SU151a/L1	GDA	54	528700	6475100	Open site	Valid	Stone Arrangement : 1		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0155	SU23-L1	GDA	54	524300	6482810	Open site	Valid	Artefact : 1		
Contact		Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0156	SU24-L1	GDA	54	524430	6482980	Open site	Valid	Artefact : 1		
Contact		Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0157	SU25-L1	GDA	54	524070	6483180	Open site	Valid	Artefact : 1		
Contact		Recorders	Doctor.Julie Dibden,Doctor.Rebecca Parkes					Permits		
23-4-0380	SU147/L1	GDA	54	526580	6478880	Open site	Valid	Stone Arrangement : 9, Hearth : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0381	SU148/L1	AGD	54	527900	6476020	Open site	Valid	Stone Arrangement : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0346	SU156/L1	GDA	54	527325	6477800	Open site	Valid	Stone Arrangement : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0347	SU155/L4	GDA	54	527111	6477861	Open site	Valid	Stone Quarry : -		
Contact		Recorders	Doctor.Julie Dibden					Permits		
23-4-0348	SU157/L1	GDA	54	527515	6477450	Open site	Valid	Stone Quarry : -		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_5_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 95

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0349	SU157/L2	GDA	54	527455	6477423	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0350	SU157/L3	GDA	54	527484	6477369	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0351	SU158/L1	GDA	54	527730	6477080	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0352	SU158/L2	GDA	54	527608	6477198	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0353	SU159/L1	GDA	54	527876	6476860	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0354	SU159/L2	GDA	54	527784	6476793	Open site	Valid	Stone Arrangement : -		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0355	SU160/L1	GDA	54	528100	6476460	Open site	Valid	Stone Arrangement : 4		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0558	SU268/L14	GDA	54	527050	6479480	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0560	SU268/L16	GDA	54	526200	6481050	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0591	SU275/L7	GDA	54	524974	6481500	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0605	SU277/L1	GDA	54	528000	6477350	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0606	SU277/L2	GDA	54	528100	6477180	Open site	Valid	Hearth : 1		
	Contact	Recorders	Doctor.Julie Dibden					Permits		
23-4-0651	SILVERTON WIND FARM AS3	GDA	54	525033	6481704	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					Permits		
23-4-0652	SILVERTON WIND FARM AS2	GDA	54	526798	6478988	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					Permits		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_5_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 95

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0653	SILVERTON WIND FARM SCAR TREE	GDA	54	526377	6479803	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0655	SILVERTON WIND FARM IF 2	GDA	54	527975	6476941	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0656	SIVLERTON WIND FARM IF3	GDA	54	526991	6478767	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0657	SILVERTON WIND FARM IF4	GDA	54	525721	6480831	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0658	SILVERTON WIND FARM AS5	GDA	54	526253	6479873	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0659	SILVERTON WIND FARM AS6	GDA	54	526233	6479841	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0660	SIVLERTON WIND FARM AS4	GDA	54	525556	6480905	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0645	SWF SU281/L1	GDA	54	526144	6480098	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					**Permits**		
23-4-0646	SWF SU281/L2	GDA	54	526790	6479269	Open site	Valid	Stone Quarry : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					**Permits**		
23-4-0647	SWF SU281/L3	GDA	54	526896	6479055	Open site	Valid	Artefact : 1, Potential Archaeological Deposit (PAD) : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					**Permits**		
23-4-0648	SWF SU283/L2	GDA	54	528191	6476680	Open site	Valid	Stone Quarry : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					**Permits**		
23-4-0649	SWF SU282/L1	GDA	54	527617	6478063	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					**Permits**		
23-4-0650	SWF SU283/L1	GDA	54	528260	6476183	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					**Permits**		
23-4-0670	SILVERTON WIND FARM FEATURE 1	GDA	54	525331	6481060	Open site	Valid	Artefact : 1, Stone Quarry : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0671	SILVERTON WIND FARM AS1	GDA	54	527976	6477112	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Meredith Filihia,Ecology and Heritage Partners Pty Ltd					**Permits**		
23-4-0675	Silverton SU283/L2	GDA	54	528191	6476680	Open site	Valid	Stone Quarry : -		

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342764

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	**Recorders**	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					**Permits**		
23-4-0676	Silverton SU283/L1	GDA	54	528260	6476183	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					**Permits**		
23-4-0677	Silverton SU281/L1	GDA	54	526144	6480098	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					**Permits**		
23-4-0678	Silverton SU281/L2	GDA	54	526790	6479269	Open site	Valid	Stone Quarry : -		
	Contact	**Recorders**	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					**Permits**		
23-4-0679	Silverton SU282/L1	GDA	54	527617	6478063	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					**Permits**		
23-4-0680	Silverton SU281/L3	GDA	54	526896	6479055	Open site	Valid	Artefact : -, Potential Archaeological Deposit (PAD) : -		
	Contact	**Recorders**	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					**Permits**		

Report generated by AHIMS Web Service on 03/05/2018 for Samantha Keats for the following area at Search using shape-file Study_area_5_GDA94MGAz54.SHP with a buffer of 0 meters.
Additional Info : Heritage management plan for EIS. Number of Aboriginal sites and Aboriginal objects found is 95

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Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342765

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0048	BH1-7;"Belmont";	AGD	54	528018	6480938	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	**Recorders**	Mr.John Appleton					**Permits**		
23-4-0051	BH1-6;"Belmont";	AGD	54	526519	6481970	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	**Recorders**	Mr.John Appleton					**Permits**		
23-4-0203	SU76-L1	GDA	54	527174	6482378	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0204	SU76-L2	GDA	54	527205	6482366	Open site	Valid	Stone Quarry : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0205	SSU77-L1	GDA	54	526950	6482600	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0206	SU78-L1	GDA	54	526580	6482800	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0207	SU79-L1	GDA	54	527200	6482700	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0208	SU81-L1	GDA	54	526780	6482220	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0209	SU82-L1	GDA	54	526470	6482220	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0210	SU85-L1	GDA	54	526980	6481670	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0211	SU86-L1	GDA	54	526920	6481490	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0212	SU86-L2	GDA	54	526942	6481491	Open site	Valid	Stone Quarry : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0213	SU86-L3	GDA	54	526896	6481426	Open site	Valid	Stone Quarry : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0214	SU87-L1	GDA	54	526750	6481410	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0215	SU87-L2	GDA	54	526697	6481449	Open site	Valid	Stone Quarry : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0216	SU87-L3	GDA	54	526699	6481423	Open site	Valid	Stone Quarry : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0217	SU88-L1	GDA	54	526900	6481290	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		

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Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342765

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0218	SU89-L1	GDA	54	526920	6481210	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden,Doctor.Rebecca Parkes					**Permits**		
23-4-0235	SU100/L1	GDA	54	527320	6482350	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0305	SU190/L1	GDA	54	522480	6486950	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0220	SU91/L1	GDA	54	527190	6481280	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0221	SU92/L1	GDA	54	527180	6481000	Open site	Valid	Artefact : -		103044
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0236	SU101/L1	GDA	54	527680	6482400	Open site	Not a Site	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0237	SU101/L2	GDA	54	527842	6482485	Open site	Valid	Stone Arrangement : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0339	SU226/L1	GDA	54	526100	6482150	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0507	SU258/L1	GDA	54	527950	6481750	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0508	SU258/L2	GDA	54	528598	6481397	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0509	SU258/L3	GDA	54	528177	6481619	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0510	SU258/L4	GDA	54	528210	6481220	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0559	SU268/L15	GDA	54	527821	6480415	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0581	SU273/L1	GDA	54	524900	6483850	Open site	Valid	Artefact : 1		103044
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0582	SU273/L2	GDA	54	525005	6483888	Open site	Valid	Artefact : 1		103044
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0583	SU273/L3	GDA	54	525180	6483800	Open site	Valid	Artefact : 1		103044
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0584	SU274/L1	GDA	54	525300	6483280	Open site	Valid	Artefact : 1		103044
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		

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Extensive search - Site list report

Your Ref/PO Number : Silverton

Client Service ID : 342765

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
23-4-0630	SWF SU273/L4	GDA	54	524905	6484241	Open site	Valid	Artefact : -, Hearth : -, Potential Archaeological Deposit (PAD) : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0631	SWF SU273/L5	GDA	54	525183	6484162	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		
23-4-0632	SWF SU279/L1	GDA	54	527709	6481106	Open site	Valid	Artefact : 40		
	Contact	**Recorders**	Doctor.Julie Dibden					**Permits**		

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Appendix G Non-Aboriginal Sites Gazetteer

Source: Dibden (2008).

APPENDIX 4
NON INDIGENOUS HERITAGE ITEMS GAZETTEER

SU32/HS1 Prospecting pits	524500e 6478350n
Located at the eastern end of Survey Unit 32 there are remains of two prospecting pits that probably correspond to mining lease LC 280. The pits both measure approximately 1.5 metres square; one is about 1.5 metres deep, the other is around 0.5 metre deep. There are no artefacts obvious in the immediate vicinity of the site, nor are there any other associated features. Given the absence of artefacts and other features such as mine shafts and occupation sites, it appears that this was a relatively brief exploration of potential ore deposits that was abandoned due to a perceived low potential for mining in the immediate area. The site is in relatively good condition. There is however only a minimal potential for additional finds or subsurface evidence due to the nature of the site and the skeletal soils in this landform.	
SU53/HS1 Blue Anchor Tank and Pipeline	522560e 6478388n
The Blue Anchor Tank and the associated pipeline from Umberumberka Reservoir to Broken Hill are located within Survey Unit 53; the pipeline also extends west outside areas of field survey and east across Survey Units 57 and 58. The tank itself is in fair condition, it is located at the junction of the rising main from the dam and the gravitational main to Broken Hill. It was originally designed to be constructed from concrete and divided into a series of compartments but was eventually built of wrought iron in 1915 (Hope 2006). The tank and sections of the pipeline are in areas of potential impacts associated with turbine envelopes.	
SU54/HS1 Prospecting pits	522437e 6478017n
Located at the southern end of Survey Unit 54, adjacent the boundary with Survey Unit 56, there are traces of two areas of mining explorations in the form of prospecting pits that probably correspond to mining lease U0033. The largest pit measures approximately 1.5 metres square and is about 2.0 metres deep. A shallower more amorphous pit is located about 20 metres upslope to the north. The rock extracted from these pits is scattered adjacent and is dominated by blue-grey gravels and shatter. There are no artefacts obvious in the immediate vicinity of the site, nor are there any other associated features. Given the absence of artefacts and other features such as mine shafts and occupation sites, it appears that this was a relatively brief exploration of potential ore deposits that was abandoned due to a perceived low potential for mining in the immediate area. The site is in relatively good condition, particularly the larger pit. There is however only a minimal potential for additional finds or subsurface evidence due to the nature of the site and the skeletal soils in this landform.	 Main prospecting pit at SU54/HS1, looking east

SU62/HS1 Building platform	525234e 6482292n
Located on a low spur crest, 75m east of the creek line, in the valley where the proposed substation will be located there are the remains of a small building platform. The platform measures approximately 3.0 metres by 2.0 metres and is oriented with the long axis northeast to southwest. Local pieces of schist have been laid in a single course with stones slightly overlapping around the north-western and south-western sides of the feature, while a natural outcrop of schist forms the south-eastern side. Earth has been built up across the platform, particularly at the western end where the stone footings have been placed. Given the relatively ephemeral nature of the site and its location in the valley, well removed from any obvious mining sites or agricultural settlements, it is likely that this site represents a camp spot used by a drover or shepherd during the nineteenth or early twentieth century. There is a high potential for subsurface archaeological evidence within the platform and the surrounding area. Further investigation in the form of excavation might reveal the period and frequency of use and may clarify the function of the structure that once stood here. There is also the potential to reveal evidence that might indicate the identity of those who camped here in terms of ethnicity and/or occupation.	 Building platform at SU62/HS1, looking southeast
SU90/HS1 Mine workings	526822e 6480842n
Approximately 100-200m to the west of SU90/HS2 there are a series of costeans and other mine workings. The features observed in this survey unit appear to relate to the settlement and mine workings associated with the Iron Duke mine and surrounds (Mining leases: LC218, LC219, LC220, LC221, LC225 & LC177). Overall the site complex is in good condition and has good research potential.	

SU90/HS2 Building platform and costeans	526901e 6480842n
This site complex comprises a couple of shallow costeans that extend for 5-10m with remains of a building platform adjacent. The building platform (c. 5m x 3m) is built up in the southeast and bordered in the northwest by a natural stone outcrop. Rock is also piled along the northeast of the platform and a possible collapsed hearth is visible in the southeast. There is a certain amount of excavation potential in and around the building platform; there is also broader research potential across the Survey Unit.	 Costean at SU90/HS2, looking west
SU90/HS3 Forge	526722e 6480822n
Approximately 100metres south of the mine workings (SU90/HS1) there is a small, rectilinear stone feature that appears to be the remains of a small forge hearth. The stone mound measures approximately 1.5m by 1.5m and 0.5m high; there are pieces of metal slag visible in and around the stonework. There is a high potential for subsurface finds in and around the forge while the complex as a whole displays excellent survey potential that could enhance current knowledge and understanding of mining in the local area.	 Remains of the forge at SU90/HS3, looking north

SU90/HS4 Building platform	526718e 6480788n
Further to the south there is an additional building platform (c. 3m x 2m) with two courses of stone rubble around part of its perimeter and a piece of mulga in one corner; another possible hearth is located 30 metres further to the south. There is a high potential for subsurface finds in and around the building platform while the complex as a whole displays excellent survey potential that could enhance current knowledge and understanding of mining in the local area.	 Remains of building platform at SU90/HS4
SU92/HS1 Mine workings	527273e 6480984n
At the eastern end of Survey Unit 92 there are a series of costeans and prospecting pits that appear to be associated with the extraction of iron oxide across this section of the ridgeline, known as the Iron Duke mine (LC 177). The workings in this survey unit consist of a series of costeans that extend east to west on the upper slopes and crest; these features cover an area of approximately 200m x 100m. In addition there are traces of a road that leads eastward towards Lakes Grave Creek. There are a few small stone packed walls adjacent the costeans and prospecting pits, these appear to be loading areas where ore was transferred onto carts. The area surrounding the workings is largely devoid of artefacts; one rusted tin observed. The potential for subsurface material is low due to the skeletal nature of soils in this landform and the absence of cultural features likely to contain deposit.	 Mine workings at SU92/HS1 looking east towards Lake's Grave Creek

SU93/HS1 Road	526660e 6480590n
On the spur crest to the south of Survey Unit 90 there are remains of an old road that traverses Survey Units 93 and 94 and extends past SU94/HS1 and SU94/HS2 beyond to Lakes Grave Creek. The road consists of a track (2-3m wide) that has been cut up the spur line and is in places cut into the local bedrock. Sections of the track are also packed up with roughly coursed rubble.	 Section of the road in Survey Unit 93 (SU93/HS1) with stones built up along western edge of the track, looking west.

SU94/HS1 Forge	526731e 6480379 n
Within this survey unit there are the remains of a road (SU93/HS1) that leads from Lakes Grave Creek to the mine workings on the ridgeline to the north and a blacksmiths forge adjacent the road. The forge is located on the northern side of the road where the track begins to turn northwards up the spur. Remains at this location include a building platform aligned to north-northeast that measures approximately 5m x 2.5m, a stone forge hearth measuring 1.5m x 1.5m x 0.7m at the southern end of the platform, and a hollow tree stump (probably an introduced slab) adjacent the forge. In addition there are mine workings adjacent on the slopes to the north and remains of an additional structure (SU94/HS2) on the southern side of the road. While there are no artefacts obvious on the surface there appears to be a relatively substantial deposit accumulated in and around the building platform. These deposits have a high potential for subsurface artefacts and other evidence relating to construction and use of the site. Given the association with the road and adjacent mines it is assumed that this forge served the Iron Duke and similar mines in the local vicinity. Based on the nature and condition of the site and the local history of mining it is likely that this site relates to mining activities at the end of the nineteenth century.	 Remains of the wooden stump and forge hearth at SU94/HS1, looking east-southeast

SU94/HS2 Building platform	526767e 6480349n
Approximately 40m to the southeast of the forge there is a large levelled area (c. 15m x 10m) that is roughly rectangular. Stone is built up on the western and northern side of this feature, while the eastern side corresponds to a natural stone outcrop that extends along the boundary of the levelled area. This feature is on the southern side of the road that extends along the spur. The only historical artefact observed at this location was a horseshoe. It is unclear how this site relates to SU94/HS1, although it is likely to have been a storage area or form of animal housing that related to mining activities on the ridgeline to the north (SU90/HS1–HS4 & SU92/HS1). This site is in fair condition; it displays a certain amount of excavation potential.	 Levelled area at SU94/HS1, looking southeast
SU141/HS1 Farming equipment/stockpile	526678e 6478571n
This site comprises a collection of twentieth century farming equipment together with pieces of concrete, timber, car parts and railway lines. These items appear to be part of a general storage area or dump associated with the adjacent stockyards (SU141/HS2). The site presents very low research potential.	
SU141/HS2 Stockyards	526751e 6478690n
Approximately 100m to the northeast of SU141/HS1 there is a series of largely disused stockyards. The yards are constructed from a mixture of mulga and star picket posts with galvanised wire netting. There are three larger yards flanked by smaller pens and a loading ramp. The eastern end of the yards incorporate some more modern structural elements and this area also show signs of fairly recent use. Given the nature of its construction and phases of repairs and modifications evidenced it is likely that the yards date to the middle of the twentieth century, possibly as early as the 1940s. The site presents low research potential.	 Stockyards at SU141/HS2, looking east

SU143/HS1 Artefact scatter and building platform/hearth	525924e 6480599n
SU143/HS1 comprises the remains of a small encampment from the late nineteenth century. The site is evidenced by a scatter of artefacts that extend over an area of some 50m by 50m and ephemeral traces of a building platform and hearth (GDA 525940 6480620). The artefact scatter is of varying density and is dominated by food tins and dark green bottle glass. Additional items include fragments of white ceramic with an embossed design, a steel hatchet head and a piece of a clear bottle with "…LAKE….ADELAIDE" embossed on the side. This site has a certain amount of research potential that is restricted somewhat by the shallow nature of surrounding soils and the extent of prior disturbance.	 Possible hearth remains and building platform at SU143/HS1, looking north-northwest
SU190/HS1 Stone cairn	522495e 6486969n
This site consists of a low cairn of gneiss stones. The feature is oval at the base and measures approximately 2m by 1m across and 0.5m high. There are around five courses of rocks piled up on a natural stone outcrop. Given the extent and placement of lichen growth on the underside of some rock surfaces it appears that this dates to the historical period. It is likely that this site is part of a mine lease marker and corresponds to the corner of one or more of the adjacent mine leases, such as U0064.	 SU190/HS1 looking west

SU191/HS1 Building platform	522296e 6487120n

This site comprises the well preserved remains of a shack that appears to date to the early to middle twentieth century. The platform measures approximately 2m by 3m and is oriented east-southeast to north-northwest; it is cut in on the eastern side and built up along the western edge. There is a rough windbreak of dead finish around the western and southern sides. There are six mulga posts *in situ* including four corner posts that are about 80cm high and have pieces of wire still attached, there are also two central posts in the centre of the eastern and western ends that are 1.5-2m high. In addition there is a metal spike in the centre of the southern side with wire coming off it. All four of the corner posts have wires tethered to metal pegs and stakes that are also still *in situ*. There is an assortment of metal pegs scattered around the site. The southwestern corner of the platform is built up with a stone retaining wall and there are a number of large stones along the northern side. Artefacts associated with the site include fragments of glass scattered across the platform, oil tins, food tins, bottle glass and pieces of machinery located adjacent the platform and a piece of what appears to be a flue. Diagnostic items include a Wolfes Aromatic Schnapps Bottle (c.1920s) a can for milk powder with a use by date of 1953 and assorted Vacuum Oil tins (early-mid twentieth century).



SU191/HS1 general view looking south



SU191/HS1 looking north. Note brush fencing in foreground and mulga posts at corners of platform

There is extensive slopewash across the platform that has acted to protect any cultural deposit below. Approximately 80% of the platform appears to be intact. There are entrances to mines located approximately 100m to the north of the site. There is a blue-grey mullock associated with these mines. In addition there are similar mine workings on the slopes to the southeast and traces of a pathway that leads from the site to those workings.

This site appears to be the remains of a miner's hut/tent from the first half of the twentieth century. It displays good research potential both at the platform itself and across the broader area that includes the associated mine workings and the hut at SU190/HS2.

SU191/HS2 Building platform	522268e 6487130n
Located approximately 40 metres down slope from SU190/HS1 there are the remains of a second, smaller structure. This site measures approximately 2m by 1.2m and is aligned north south with stone built up on the southern and western sides to form a level platform. There is a clear glass, screw top, bottle associated with the site; it is stamped with the year 1951. Given the apparent association with SU190/HS1 and the presence of artefacts from the middle of the twentieth century it is likely that this site relates to prospecting that took place in the Barrier Ranges following the end of World War II. The site is in fair condition and displays moderate to high potential for subsurface finds.	 SU191/HS2 looking northeast
SU191/HS3 Road	522132e 6487128n
Extending west from SU191/HS1, past SU191/HS2 and beyond down onto the Mundi Mundi Plain there is a rough roadway evidenced by a cleared corridor 2-3 metres wide. This feature appears to have been the main access route to the hut sites described above and the mines that they were presumably associated with. The road runs in a more or less straight line to the west from SU191/HS2 to GDA 521797e 6487248, at which point it turns southwards and within 50 metres is effectively obscured by rill erosion.	
SU226/HS1 Costean	525845e 6482125n
This site comprises a single mining costean measuring approximately 10m long by 4m wide and 1m deep. There are also additional mine workings a short distance away to the southwest. This site is in close proximity to mining leases LC226 and LC180	 SU226/L1 looking 300°

LAKE'S GRAVE	527862e 6480066n
The grave of William Henry Lake, who died after falling off his horse in 1875, is located on the southern bank of Lake's Grave Creek, at the approximate location of the accident that led to his death. The grave is oriented east-west and is marked by a line of local stones around the boundary with a headstone of coursed rubble and inset stones that detail the year of his death and the year that this particular monument was formalised (1937). The middle stone reads "HONOUR THE PIONEER", which is an indication of the importance of this site in the course of historical settlement. This site is not within an area of proposed impacts associated with Stage 1 of the Silverton Wind Farm.	 Lake's Grave, looking northeast
Stone ruins	527575e 6479935n
Located to the southeast of Survey Unit 94 there are the remains of a relatively substantial stone structure. Remnants of roughly coursed rubble walling are present along three sides forming a "U" measuring about 2.5m by 1.5m. In addition there are more ephemeral remains of a platform with a very low and dispersed stone mound about 3m further to the west, an additional stone mound another 6-8m further on and a rectilinear hearth-like feature about 10m to the west. There is a sparse scatter of metal fragments and green bottle glass across the area as well as the remains of an axe head. The structural remains at this site appear to probably be the remains of the hearths associated with a series of huts/tents. This encampment may well have been associated with the mines on the ridge to the north. There is a high potential for subsurface artefacts and additional structural evidence; this locale has high research potential.	 Remains of stone structure looking west

Zinc sintering works	536100e 6465800n
Located in the Parish of Nadbuck on Limestone Station, immediately to the north of the Silverton Tramway near Corruga there are the remains of zinc sintering works. The site encompasses an area of approximately 2.4 hectares and comprises remains of Silverton Tramway permanent way embankment, underground Umberumberka pipeline, siding embankments with lines of slag and reject bricks running parallel, fire boxes, roasting mounds, various wooden and metal artefacts and remains of stone and brick houses. These remains have been assessed by Hope (2006) to be historically significant as a site type that is relatively rare, well preserved and representative of particular technological processes; it is also a site that displays excellent archaeological research potential. This site complex is located approximately one kilometre due west of the visual impact minimised route for the transmission line, it should however be noted that the initial route alignment runs directly over the site. Given the extent of the site complex it is likely that the initial route option would result in direct impacts on the archaeological remains at Corruga. The Zinc Sintering Works at Corruga was not visited during this study.	
Silverton Tramway	536500e 6465300n - 537500e 6464800n
Details of the location and extent of the Silverton Tramway and associated features are available in Hope's (2006) heritage study. Essentially the permanent way and a series of other features are still extant along the length of the tramway alignment. The only section of this item that corresponds with potential areas of direct impacts is between 536500e 6465300n and 537500e 6464800n. The western end of this section of the tramway is associated with the zinc sintering works, Corruga.	