



**ACHM**  
AUSTRALIAN CULTURAL  
HERITAGE MANAGEMENT

*Aboriginal Cultural Heritage Assessment Report*

# Proposed Sandigo Solar Farm Aboriginal Cultural Heritage Assessment Report

Sandigo, New South Wales

**By:** Dr Shaun Canning and Anna Raudino

**Date:** 16 April 2018

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## Spatial Data

*Spatial data captured by Australian Cultural Heritage Management (Victoria) Pty Ltd in this document for any newly recorded sites has been obtained by using hand held or differential GPS units using the GDA94 co-ordinate system.*

## Abbreviations

Term	Meaning
AHIMS	Aboriginal Heritage Information Management System
AHIP	Aboriginal Heritage Impact Permit
ATSIHP	Aboriginal and Torres Strait Islander Heritage Protection Act 1984
CATSI Act	Corporations (Aboriginal and Torres Strait Islander) Act 2006
DA	Development Application
DEC	Department of Environment and Conservation (now OEH)
DECC	Department of Environment and Climate Change (now OEH)
DECCW	Department of Environment, Climate Change and Water (now OEH)
Development Site	The 231ha of land within the wider Study Area where the ground disturbing infrastructure development will occur.
DP&I	New South Wales Department of Planning and Infrastructure
DUAP	Department of Urban Affairs and Planning
EEC	Endangered Ecological Community
EIS	Environmental Impact Statement
EP&A Act	Environmental Planning and Assessment Act 1979
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999
ICOMOS	International Council on Monuments and Sites
JRAHS	Journal of the Royal Australian Historical Society
LEP	Local Environment Plan
MNES	Matters of National Environmental Significance
NP&W Act	National Parks and Wildlife Act 1974 (Amendment 2010)
NPWS	National Parks and Wildlife Service
NSW	New South Wales
OEH	Office of Environment and Heritage
PEA	Preliminary Environmental Assessment
POM	Plan of Management
RAP	Registered Aboriginal Party
SEPP	State Environmental Planning Policy
Study Area	The 608ha of land assessed in this ACHAR
TSC Act	Threatened Species Conservation Act 1995

## Acknowledgements

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Allison Hawke (ESCO Pacific)  
 Cedric Berge (ESCO Pacific)  
 Fatma Ipek (Accent Environmental)  
 Mark Saddler (RAP)  
 Michael Cramer (Accent Environmental)



# Executive Summary

The Sandigo Solar Project (the Project) is a utility scale renewable energy development with a capacity of up to 100 MW proposed by ESCO Pacific Pty Ltd (the Applicant) that would generate clean and renewable electricity from the power of the sun. Sandigo has been chosen due to the relatively high solar irradiance in the region, and the available capacity on the TransGrid electricity networks.

The solar farm operation will comprise up to 310,000 solar photovoltaic (PV) modules, known more commonly as 'PV Modules' or 'solar panels'. The solar panels use the same type of technology as commonly used in residential scale solar installations throughout Australia but are larger in size to those used residential applications.

The solar farm is a large infrastructure project that is expected to create up to 150 jobs during construction and up to 4 full-time and 8 part-time positions when operational.

The solar panels will generate direct current ("DC") electricity that will be inverted to alternating current ("AC") via Power Conversion Units (PCUs). Output from the solar farm would then be connected to the TransGrid supply network by underground or above ground high voltage cable to the TransGrid 132kV transmission line.

The Project is located approximately 22 km southeast of Narrandera, and 114 km and 122 km north of Albury, within the Narrandera Local Government Area (LGA). Narrandera Shire is in the Riverina region of southwestern New South Wales and is crossed by the Sturt and Newell Highways.

The Study Area for this ACHAR is 608ha.

The Development Site where ground disturbing works will occur is 231ha (located within the wider Study Area).

The Development Site was chosen by the Applicant as the primary location to construct the Project, however the 608ha Study Area has been assessed to understand the opportunities and constraints across that larger area in order to facilitate planning for a possible future expansion of the Project.

## Consultation

The key stages of the cultural heritage assessment process used for the Project are derived from the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW (OEH 2011).

The stages of consultation and assessment, as described in the Guide to Investigating, assessing, and reporting on Aboriginal Cultural Heritage in New South Wales (2010) include:

- Undertaking a preliminary assessment to determine if the Project is likely to have an impact on Aboriginal cultural heritage (ACHM, 2017).
- Identifying the Aboriginal cultural heritage values associated with the area through consultation with Aboriginal people with cultural knowledge or responsibilities for country in which the proposed project occurs, written and oral research and field investigations
- Understanding of the significance of any identified Aboriginal cultural heritage values
- Assessing the impacts of the proposed development on any Aboriginal objects and Aboriginal places
- Describing and justifying the proposed outcomes and alternatives, and
- Documenting the Aboriginal cultural heritage impact assessment and the conclusion and recommendations to afford appropriate protection to any identified Aboriginal cultural values

## Archaeological Assessment

An archaeological assessment of the Study Area was undertaken as a component of this project, which included a field survey. The field survey resulted in the identification and recording of 6 new archaeological sites, all of which were of low scientific significance.

## Recommendations

A series of management recommendations have been proposed to (a) manage materials likely to be harmed by the project and (b) manage any unplanned discoveries should they occur on site.

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# 1 Introduction

The Sandigo Solar Project (the Project) is a utility scale renewable energy development with a capacity of up to 100 MW that would generate clean and renewable electricity from the power of the sun. Sandigo has been chosen due to the relatively high solar irradiance in the region, and the available capacity on the TransGrid electricity networks.

The solar farm operation will comprise up to 310,000 solar photovoltaic (PV) modules, known more commonly as 'PV Modules' or 'solar panels'. The solar panels use the same type of technology as commonly used in residential scale solar installations throughout Australia but are larger in size to those used residential applications.

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The solar panels will generate direct current ("DC") electricity that will be inverted to alternating current ("AC") via Power Conversion Units (PCUs). Output from the solar farm would then be connected to the TransGrid supply network by underground or above ground high voltage cable to the TransGrid 132kV transmission line.

The Project is further described in Chapter 2, below.

## 1.1 Roadmap of the Report

For ease of reference, the following table provides page numbers and reference points to key issues in this report.

Table 1-1: Report Roadmap

Key Item	Chapter
Project Overview	Chapter 2
SEAR's	Chapter 2
Consultation Processes	Chapter 4
Archaeological Values and Significance Assessment	Chapter 5
Cultural Values	Chapter 6
Significance Assessment	Chapter 5
Recommendations	Chapter 9

### 1.1.1 Aboriginal Cultural Heritage Assessment Approach and Objectives

The cultural values and archaeological assessments culminating in the preparation of this Aboriginal Cultural Heritage Assessment Report (ACHAR) have been undertaken to ensure:

1. Extensive and meaningful opportunities for engagement and consultation with Registered Aboriginal Parties (RAPs) for the Project;
2. Full compliance with the Secretary's Environmental Assessment Requirements (SEARs) listed in Chapter 2.2;
3. Full compliance with the OEH (2010) Aboriginal cultural heritage consultation requirements for proponents;
4. Full compliance with the OEH (2011) Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW;
5. An Objective archaeological assessment to determine the presence/absence and scientific significance of the archaeological places within the Study Area; and
6. The identification of cultural values and the determination of cultural significance which are consistent with the guidance provided in the Burra Charter and Indigenous Cultural Heritage Management Practice Note (Australia ICOMOS, 2013).

The objectives of this report are to:

1. Present the Project's consultation methodologies and processes as agreed with the Registered Aboriginal Parties (RAPs) and utilised in this Project; and
2. Ensure that Aboriginal people have the opportunity to participate in and improve the outcomes of the assessment by:
  - (a) Providing relevant information about the cultural significance and values of the Aboriginal object(s) and/or place(s) within the Study Area,

- (b) Influencing the design of the method to assess cultural and scientific significance of Aboriginal object(s) and/or place(s) within the Study Area;
- (c) Actively contributing to the development of cultural heritage management options and recommendations for any Aboriginal object(s) and/or place(s) within the Study Area and the wider Study Area; and
- (d) Commenting on draft assessment reports before they are submitted by the proponent to the OEH.

## 1.2 Authorship

The following individuals have written this report.

### 1.2.1 Dr Shaun Canning

Dr Shaun Canning is General Manager – Victoria and the Principal Heritage Advisor of Australian Cultural Heritage Management (Vic) Pty Ltd. (ACHM), which specializes in cultural heritage assessment, expert advice, management of complex and large-scale cultural heritage management projects (primarily in relation to Australian Indigenous culture and heritage), native title advice and research, Indigenous community consultation and development matters, geographic information systems, cartography and analysis. Shaun has been involved extensively in the completion of over 500 cultural heritage management projects nationally.

Shaun holds a Bachelor of Arts degree majoring in Cultural Heritage Studies and Anthropology, a Bachelor of Applied Science (Hons) degree in Parks, Recreation and Heritage, and a PhD in Australian Indigenous Archaeology (La Trobe), specialising in predictive modelling and cultural heritage management in southern Victoria. Shaun was the recipient of a 3-year Australian Postgraduate Award Scholarship to complete his PhD. Shaun has extensive experience in Indigenous cultural heritage management in the resources, urban development, infrastructure and public land management sectors, alongside considerable experience in community consultation and Aboriginal education. Shaun has particular expertise in complex project management, and the use of GIS and predictive modelling in archaeological, cultural and natural heritage management contexts.

Shaun is a Fellow of the Australian Anthropological Society (F.AAS), a member of the International Council on Monuments and Sites (M.ICOMOS), a full member of the Australian Association of Consulting Archaeologists (M.AACAI) and a Certified Environmental Practitioner (CenvP) through the Environment Institute of Australia and New Zealand (EIANZ).

Shaun is an 'Expert Member' of the ICOMOS International Committee on Archaeological Heritage Management (ICAHM), an Honorary Research Associate of the Archaeology Program at La Trobe University, a member of the Indigenous Relations Working Group committee of the Minerals Council of Australia, and a member of the EnviroDevelop Technical Standards Development Taskforce for the Urban Development Institute of Australia (UDIA).

### 1.2.2 Anna Raudino

Anna began her archaeological career in Italy after completing postgraduate degrees in Archaeology and master's degrees in Prehistoric Archaeology and Museology. She has worked on a variety of prehistoric and historical sites throughout Italy before coming to Australia. Over the last seven years, she has worked extensively as a heritage consultant in Western Australia and Victoria. Anna is currently completing her PhD in the Archaeology Department at La Trobe University, Bundoora.

## 1.3 Archaeological Fieldwork

Anna Raudino and Madeleine Kelly completed the archaeological survey of the Study Area between 11-13 December 2017 and 21-24 January 2018. Anna and Maddy were accompanied during the survey by Wiradjuri RAP, Mark Saddler.

## 2 Description of the Study Area and Development Site

This section outlines the proposed activity and provides background information about the Study Area and the Development Site.

### 2.1 Site Information

Table 2-1: Site Information

<b>Address</b>	174 Mitchells Road, Sandigo, New South Wales, 2700
<b>Applicant</b>	ESCO Pacific Pty Ltd
<b>Council</b>	Narrandera Shire Council
<b>Titles</b>	Lot 33, 35, 55, 108, 109 on Plan 754550 Lot 4 on Plan 607982 Lot 70, 71 on Plan 754559 Lot 1 on Plan 802754
<b>Total Study area</b>	608ha
<b>Land Use</b>	Cropping, grazing – high level of ground disturbance
<b>Zoning</b>	RU1

The Project is located approximately 22 km southeast of Narrandera, and 114 km and 122 km north of Albury, within the Narrandera Local Government Area (LGA) (See Map 2-1). Narrandera Shire is in the Riverina region of southwestern New South Wales and is crossed by the Sturt and Newell Highways.

The Study Area for this ACHAR is 608ha (See Map 2-2).

The Development Site where ground disturbing works will occur is 231ha (located within the wider Study Area).

The Development Site was chosen by the Applicant as the primary location to construct the project, however the 608ha Study Area has been assessed to understand the opportunities and constraints across that larger area in order to facilitate planning for a possible future expansion of the Project.

### 2.2 The Proposed Activity

The Project would be built as a utility scale solar PV plant, with the solar panels mounted in rows on horizontal tracking or fixed tilt systems.

The rows of solar panels are electrically connected into arrays before being inverted from DC to AC electricity, which is the standard form of electricity used throughout Australia. Electricity is then fed, via an on-site high voltage power reticulation system, into the local electricity network through the TransGrid 132kV transmission line.

Key infrastructure items to be constructed for the Project include:

- Installation of approximately 310,000 solar panels in regular arrays;
- Each solar panel would be fixed to a metal mounting structure secured with ground piles;
- Aboveground and underground DC cabling;
- Central inverters, step up transformers, and switchgear (known as PCUs);
- Underground AC cabling would run from the PCUs to the solar substation;
- A main step up transformer and associated equipment;
- Internal vehicle access tracks;
- Perimeter safety fencing and security system;
- Supervisory control and data acquisition (SCADA) control systems;
- Site office and staff amenities, and maintenance shed;



- A permanent staff and contractor car parking area;
- A permanent all-weather access and access road; and
- Temporary site compound, lay-down area, and equipment storage areas during construction.

The following section outlines details of each of the items noted above.

### 2.2.1 Solar Arrays.

Solar arrays would be comprised of up to 310,000 individual solar panels which would either be multicrystalline, monocrystalline, or thin film technology. Each solar panel would be fixed to a metal mounting structure that would be piled or screwed into the ground without the need for any excavation work or use of concrete. This technique is used to minimise ground disturbance. The PV mounting structure would slowly track (in a single axis) the horizontal movement of the sun using an automated tracker unit. Alternatively, fixed tilt mounting structures may also be used. Under both scenarios the height of the fixing systems and modules would not exceed 4m in height. Figure 2-1 (below) shows a typical solar array.



Figure 2-1: Typical PV panels at a solar farm grouped in solar arrays.

### 2.2.2 DC Cabling

DC cabling will be utilised to connect each PV module in a string (up to 310,000 modules) to field DC boxes mounted near the solar panels. The DC boxes will be located approximately 1m off the ground between the PV arrays. DC cabling will be installed underground at a minimum depth of 1m between the DC boxes and the PCUs. DC cabling will be installed in accordance with Australian Standards and also with the requirements of Primefact 1063: Infrastructure Proposals on Rural Land (DPI, 2013).

### 2.2.3 Power Conversion Unit

Within each array block is a PCU which contains the central inverters, step-up transformers, and switchgear which convert DC electricity collected from the PV panels into AC electricity for connection and distribution via the TransGrid 132kV Transmission Line. The PCU (and associated equipment) is typically designed to be housed within a shipping container for easy transport and installation onsite. A PCU is typically 13m long, 2.5m wide, and 3m high. Plate 12 below shows a typical PCU with the relevant power conversion equipment installed.



Figure 2-2: Typical Power Conversion Unit.

## 2.2.4 AC Cabling

From the PCUs within each array block underground or above ground AC cabling will be installed to a minimum depth of 1m (if underground) and connect with the step-up transformer in the solar substation. AC cabling would be installed in accordance with Australian Standards and with the requirements of Primefact 1063: Infrastructure Proposals on Rural Land (DPI, 2013).

## 2.2.5 Step-up Transformer and Substation

A main step-up transformer and associated equipment in a solar substation would convert the on-site AC reticulated 33 kV electricity to 132 kV electricity. The up-converted 132kV supply would then be connected via high voltage cable to the TransGrid 132kV Transmission line where it would enter the local electricity network. High voltage cabling would be installed in accordance with Australian standards.

## 2.2.6 Local Transmission Network

The proposed connection point for the solar farm to the Transmission Network Service Provider (TNSP) is the 132 kV Transmission Line owned and operated by TransGrid. From the TransGrid Transmission Line, power is distributed to the national electricity grid via the Essential Energy local power network.

## 2.2.7 Battery Storage

The proposal will also include the potential for battery storage to be installed on site.

Solar Farms are an intermittent source of energy. Battery storage systems can be used either to smooth the fluctuating energy produced by the solar farm or to store the excess energy during low demand periods which can be subsequently used during higher demand periods or when solar energy is unavailable (e.g. at night).

The batteries can also compensate for frequency variations in the electricity grid which are caused by intermittent renewable generators as well as fluctuations in consumption. Batteries can store electricity from the grid or feed electricity into the grid in a matter of seconds and compensate for the fluctuations caused by renewables or resulting from power plant outage or irregularities in consumption.

In addition to the shifting of electricity output, energy storage on the site can contribute to:

- Improved reliability of the electricity network and reduced electricity costs associated with grid upgrades to deal with peak energy demand
- Improved sustainable outcomes by combining clean energy generation with clean energy storage.

## 2.2.8 System Monitoring

The entire solar farm will be monitored through a supervisory control and data acquisition (SCADA) system that will monitor the performance of all the solar equipment onsite. The SCADA system will also be capable of notifying staff onsite and remotely of system issues and failures.

## 2.2.9 Internal Roads

Internal vehicle access tracks would be constructed to each PCU and to the solar substation to allow for site maintenance. Onsite tracks would be constructed of compacted gravel and, where required, geotextile fabric would be laid between the soil and the gravel. Internal access tracks would be up to 5m wide to allow for the safe delivery, unloading and installation of key components such as the PCUs, PV panels, and switch equipment.

The exact position of access tracks would be determined during the detailed design phase when the solar array design is finalised. Internal access tracks are private roads designed and constructed only for construction, operation and maintenance purposes.

#### **2.2.10 Site Office and Staff Amenities**

A site office and staff amenities building will be constructed or installed at the site. Its dimensions would be approximately 16m long, 10 m wide, and 6m high. All visitors and contractors will be required to report to the site office upon entry to the site. Office features will include staff offices and control room. Staff amenities will include toilets, showers, a lunch room, and first aid room.

#### **2.2.11 Maintenance Building**

A maintenance building will be established adjacent to the site office and will provide storage for spare parts, maintenance equipment, and a workshop. The maintenance shed will be approximately 16m long, 10m wide, and 6m high.

#### **2.2.12 Site Power**

Diesel generators will be available for power supply through the construction period. Should low voltage power be available in the vicinity, the Project may utilise power from the existing network. Once operational, it is anticipated that the Project will utilise power generated from the solar farm rather than a grid connected service.

#### **2.2.13 Water and Sewerage Supply**

Temporary toilets will be available throughout the construction period for use by contractors. These toilets will be pumped out by a local licenced waste contractor. Once operational, it is anticipated that the development will collect water from building roofs and utilise onsite water storage tanks. Water would be trucked in during periods when there is insufficient rainfall to fill onsite water tanks. Sewage generated during operations will be treated by an onsite bio-cycle system, installed to comply with Narrandera Shire Council regulations and Building Code of Australia (BCA) requirements.

#### **2.2.14 Communications**

It is anticipated that the development will use both the mobile and fixed line networks for communication purposes. Where a connection is made to the fixed line network cabling will follow existing access tracks and road reserves to minimise ground disturbance.

#### **2.2.15 Construction Materials**

Most of the construction materials and components are likely to be sourced from overseas due to the specialised nature of the equipment. Materials will be transported by road from port facilities in either Sydney or Melbourne in 12-meter shipping containers. Civil materials such as aggregates, and concrete will be sourced from local suppliers. The main construction materials will include:

- Aggregates, road base, and concrete;
- Steel fencing materials;
- Steel piles and ground screws;
- Steel mounts and bolts;
- Cabling, conduit, and weather proof junction boxes;
- PV modules and mounting structures;
- Shipping containers to house central inverters;
- Weatherproof DC boxes and steel posts;
- Steel framing and colorbond sheeting for maintenance shed and site office; and
- Timber and fixtures for building fit-out.

#### **2.2.16 Site Preparation**

Site preparation will commence immediately across the Development Site to allow for the timely installation of roads, drainage, solar equipment, cabling, and infrastructure. Site preparation activities will generally involve the following:

- Slashing and/or removal of areas of vegetation;

- Removal of existing fencing and establishment of boundary fencing;
- Establish access points and main entry roads for delivery of machinery and equipment;
- Undertake land survey, geotechnical and other preliminary investigations; and
- Establishment of ancillary facilities including the site compound, laydown areas, and temporary contractor facilities.

### **2.2.17 Infrastructure Installation**

The installation of infrastructure will commence directly after site preparation works are finalised. The key infrastructure activities will include:

- Levelling of dams (where required);
- Installation of internal roads and access tracks;
- Installation of drainage works and regrading of surface features (where required);
- Construction of the permanent site office, maintenance shed, and switchyard;
- Installation of the mounting structures foundations by driving steel piles pneumatically into the ground using specialist equipment (dependant on ground conditions ground screws may be used);
- Attachment of steel mounting structures to the ground piles;
- Installation of the solar panels onto the mounting structures, including tracker units;
- Installation and connection of the solar panels to the DC boxes with aboveground cabling;
- Installation of the PCUs;
- Connection of the DC boxes to the PCUs by trenching and underground cabling, and connection of the PCUs to the onsite power reticulation system and step-up transformer;
- Grid connection through the installation of underground mains from the step-up transformer to the TransGrid transmission line; and
- Commissioning and testing of PV strings, central inverters, switch equipment, step-up transformer, monitoring systems, and electrical protection systems.

### **2.2.18 Construction Equipment**

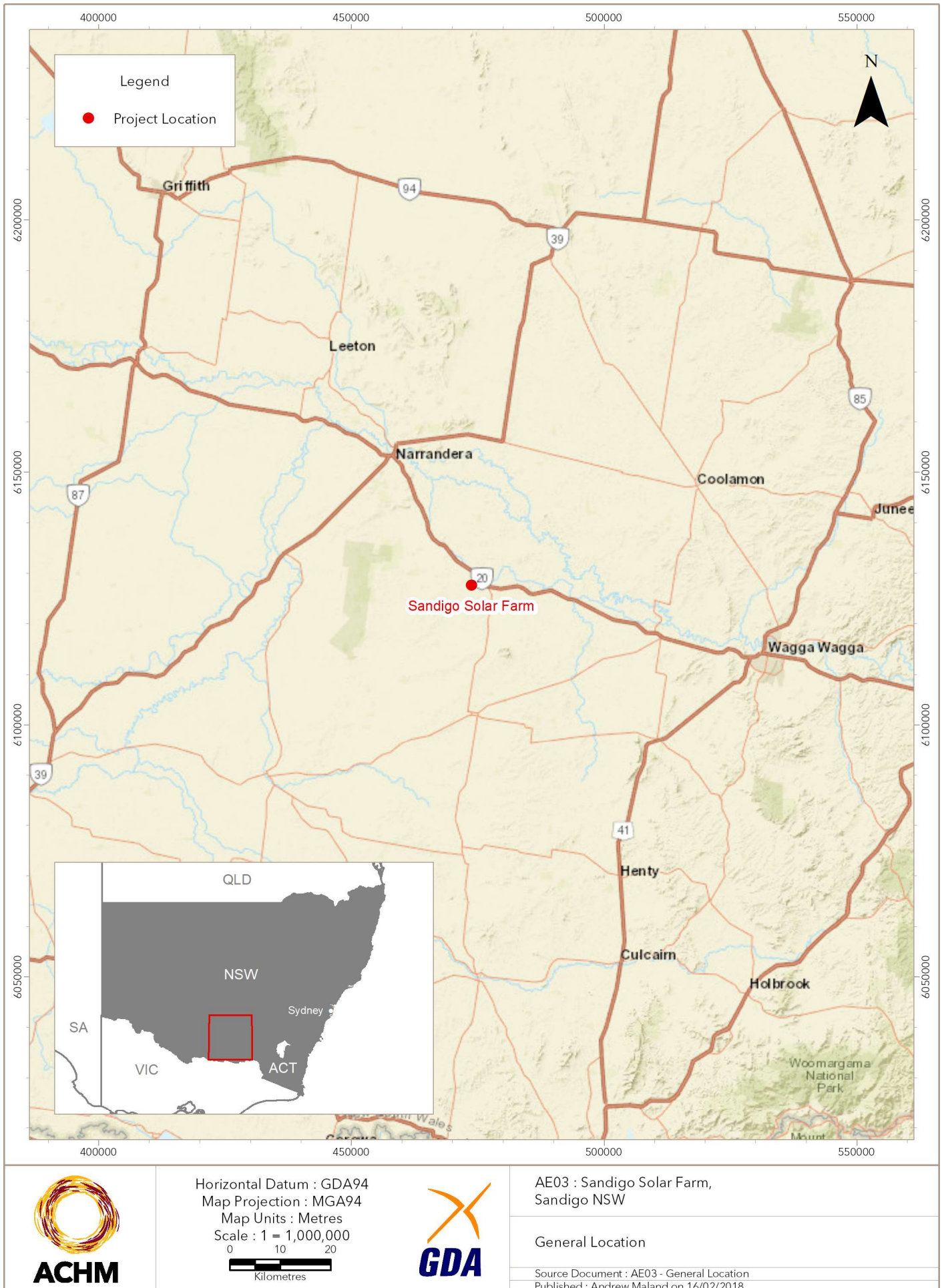
Construction equipment required for the establishment of the solar farm will be limited to heavy machinery and plant generally used across the wider construction industry. It is envisaged that all of this machinery and plant will be able to be sourced locally. Construction equipment to be utilised onsite will include:

- 1 x Truck and dog for civil works;
- 1 x D6 dozer or equivalent for levelling and road development;
- 1 x 24 tonne excavator for earthworks
- 1 x grader for road development and levelling activities
- 1 x mulcher for the mulching and re-use of vegetation material onsite;
- 1 x 7 tonne vibrating roller for road construction;
- 1 x front end loader for the movement and loading of soil and aggregate materials;
- 1 x water cart for road construction and dust suppression;
- 1 x piling rig for installing PV piles;
- 1 x Franna crane for the lifting of loads, erection of steel, and movement of heavy plant;
- 2 x trenchers for the installation of underground conduits and cabling;
- 1 x portable generator for temporary site power;
- Hand power tools and equipment.

### **2.2.19 Disturbance Footprint**

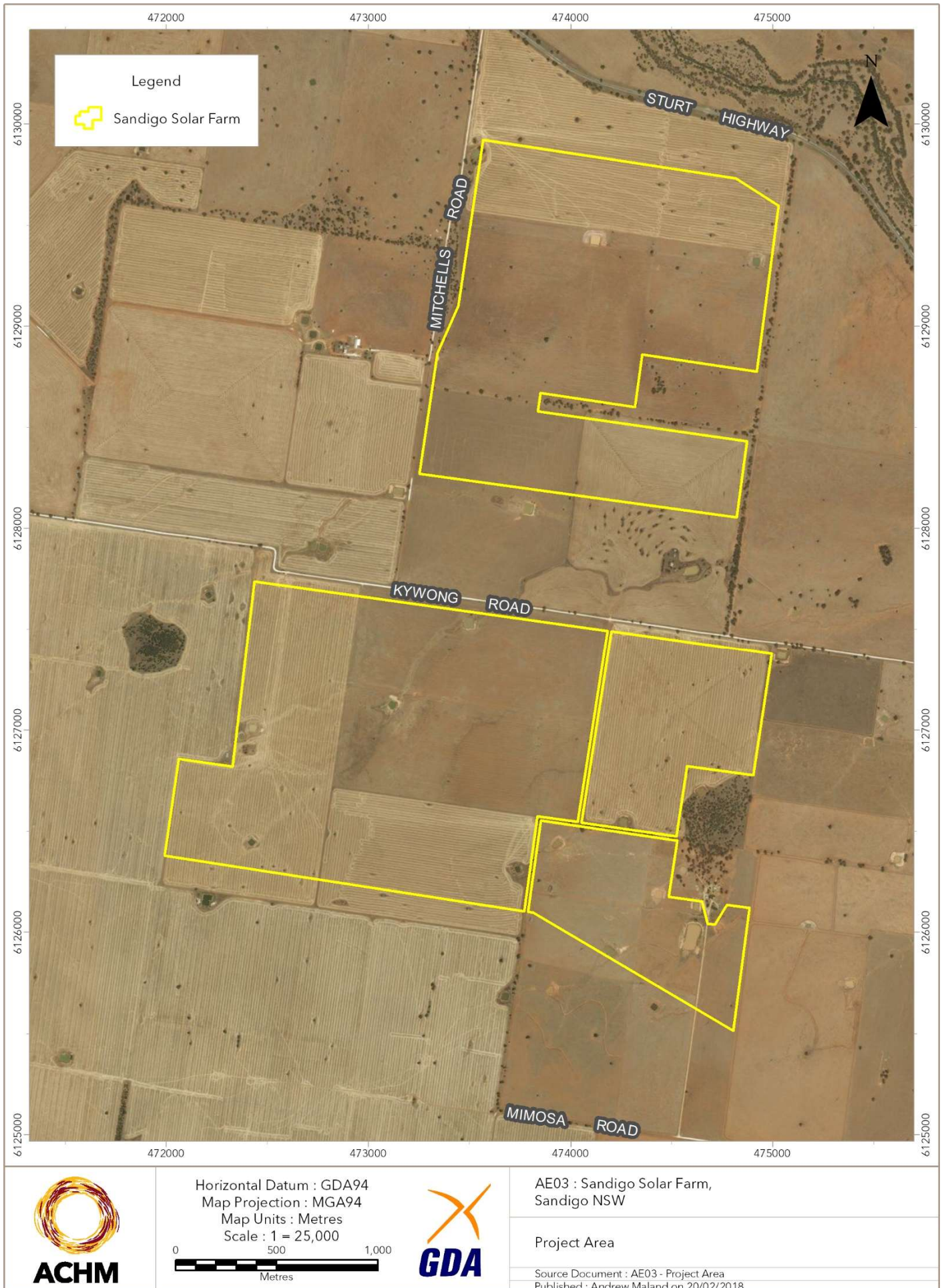
The size of the disturbance footprint is 231 ha.





Map 2-1: Regional Location of the Study Area





Map 2-2: The 608 ha Study Area for this ACHAR

## 2.3 Project justification

Since 2001, the Commonwealth Government has mandated the use of energy from renewable resources in electricity generation. In 2009, the RET scheme mandated that 20% of Australia's electricity supply was to come from renewable sources by 2020 (DoEE 2018b). In 2011, the RET was split into two parts comprising a large-scale RET scheme and a small-scale renewable energy scheme. The large scale RET scheme created a financial incentive to establish and expand renewable power stations such as solar farms, wind farms and hydro-electric power stations and deliver the majority of the 2020 target. The target has since been adjusted and the current RET is 33,000 GWh by 2020 (DoEE 2018b).

The RET scheme sits within the broader context of Australia's need to reduce greenhouse gas emissions to meet its commitments under the 1997 Kyoto Protocol and revised emissions target under the 2015 Paris Agreement (DoEE 2018b). The Project would contribute Australia's greenhouse gas commitments by reducing emissions associated with energy use and contributing to the achievement of the RET. The solar farm would also be part of the transition away from fossil fuel reliance to cleaner electricity generation, and the transition to increased energy security through a more diverse energy mix.

At a State level, the Project proposal is consistent with current goals and targets for renewable energy generation in NSW. These include (DoEE 2018b):

- Supporting the achievement of the RET;
- Attracting renewable energy investment and projects;
- Building community support for renewable energy; and
- Attracting and growing expertise in renewable energy.

Other project benefits are expected to include:

- Employment opportunities during construction, including engagement of local contractors and materials and service providers;
- Long-term local employment opportunities over the life of the project;
- Contributions to local infrastructure improvements;
- Education and training of contractors and residents; and
- Rent received from workers accommodated in the area.

## 2.4 Construction Environmental Management Plan (CEMP) and Decommissioning Management Plan (DMP)

The Construction Environmental Management Plan (CEMP) and Decommissioning Management Plan (DMP) for the Project will include appropriate Aboriginal cultural heritage management and mitigation measures to the satisfaction of OEH. This will include an appropriate unexpected finds protocol (as detailed in this ACHAR) and clear marking and protection of any Aboriginal cultural heritage constraints, within or near to, any proposed Project activities.

## 2.5 Project Alternatives

The Applicant has undergone a process of constraints and opportunities analysis to identify potential project sites in NSW and other States. The Applicant originally contemplated a larger project; hence some 608 ha was archaeologically surveyed (the Study Area). The final Development Site is 231ha, which is entirely contained within the 608 ha.

This process has included consideration of factors such as:

- Regulatory settings for renewable energy projects;
- Access to and capacity of existing energy grids;
- Solar irradiation levels;
- Potential for land acquisition;
- Land suitability (topography, existing land use, flood risk, zoning etc.); and
- Need to minimise environmental and social impacts (e.g. avoiding sensitive environments or areas of cultural heritage value).

The proposed locations for the Projects emerged as highly prospective sites for the development of a solar project, particularly due to the proximity of the two 132 kV TransGrid transmission lines and the 330 kV TransGrid transmission line. Accordingly, a decision was made to initiate pre-development investigations and activities.

## 2.6 Environmental Overview

A preliminary biodiversity site assessment was undertaken in October 2017 by two qualified ecologists from Ecolink Consulting. The Study Area was walked and/or driven to assess the location and quality of habitats that were present. The Study Area includes a mixture of grazed and cropped paddocks with houses and supporting infrastructure. Native vegetation is largely absent, with scattered paddock trees the only remnants of the historic vegetation communities that once covered the Study Area. Where more intact native vegetation does occur, it is largely restricted to the boundaries of the Study Area.

Dominant crops within the Study Area include Wheat *Triticum aestivum*, Barley *Hordeum spp.* and Canola *Brassica napus*, grown in rotation, interspersed with years in which the paddocks are sowed with Rye-grass *Lolium spp.* and Lucerne *Medicago sativa subsp. sativa* for grazing. Dams occur and appear to have been lined with clay and this, in combination with regular grazing by sheep and crop rotation, has resulted in the absence of fringing or aquatic native vegetation and low ecological values are attributed to them. These dams are of low ecological value and do not provide significant habitat for any threatened species.

A number of fauna species were recorded during the field assessment, comprising native and introduced birds and mammals. No amphibians or reptiles were observed during the assessments. The state significant Grey-crowned Babbler *Pomatostomus temporalis* and White-fronted Chats *Epthianura albifrons*, which are listed as Vulnerable were the only threatened species recorded during the assessments. All the other species recorded in the Study Area are considered common to the Riverina and agricultural landscapes in southern Australia. The remnant woodlands and derived grasslands that are largely confined to the perimeters of the Study Area provide low to medium quality habitat for a range of common species. The Grey-crowned Babbler was recorded in these patches of vegetation and there is the potential that other threatened species occur in smaller numbers, at different times of the year.

Crops accounted for a large portion of the sites and provided very low-quality habitat for native flora and fauna. Grazed pasture was dominated by a range of pasture grasses and environmental weeds and accounted for most of the remaining portion of the Study Area. The grazed pasture provided low quality habitat for grassland adapted species, including White-fronted Chats, and potentially for Plains-wanderer *Pedionomus torquatus* and Spotted Harrier *Circus assimilis*, which were not recorded during the current assessment, but which may occur. However, this type of habitat is widespread within the landscape and unlikely to be limiting for any species.

Scattered paddock trees were observed throughout the Study Area which are likely to provide foraging and breeding habitat for a variety of species. These trees comprised a mixture of White Cypress Pine *Callitris columellaris*, Western Grey Box *Eucalyptus microcarpa*, Buloke *Allocasuarina luehmannii* or Yellow Box *Eucalyptus melliodora* (in descending order of dominance), over a highly modified and predominantly exotic understorey. Some of these trees are likely to possess hollows. Hollows are generally a limited resource within the landscape, however the disturbed nature of the Study Area and broader landscape means that it is unlikely that these trees support any threatened species. The species that are likely to nest in these trees are likely to be generally common within the landscape, because the removal of other ecological values in the landscape has reduced the diversity of species that persist near the Study Area.

### 2.6.1 Geology

The Riverina is dominated by river channels, floodplains, swamps, lakes and lunettes of Quaternary age. Modern river channels of the Riverina consist mostly of sandy soils with more saline heavy grey and brown clays towards the outer perimeter of the floodplains on the higher rarely flooded terraces (Eardley 1999). The Study Area features red-brown clays and sandy clays.

### 2.6.2 Topography / Landforms and Drainage

The Study Area is situated within the Murray-Darling Basin, located approximately:

- 14 km southwest of the Murrumbidgee River
- 0.3 km north of Sandy Creek
- 6 km southwest of Old Man Creek.

The Study Area is located within the Murrumbidgee Irrigation Area which is managed by Murrumbidgee Irrigation Limited.



The Study Area comprise low-lying land crossed by many ephemeral watercourses and containing constructed farm dams. The site is gently sloping, with ~20 m increase in elevation from north to south, rising away from the main watercourses. The land is in a relatively stable condition, with some evidence of erosion.

## 2.7 Post -Contact Land Use and Approvals History

### 2.7.1 Land Use

The Study Area is cleared farmland; the region having been first taken up as grazing runs in the 1840's. Today, the Study Area is used for a range of mixed farming activities, particularly broadacre cropping and grazing.

## 2.8 Secretary's Environmental Assessment Requirements (SEAR's)

The Project is a State Significant Development as defined under State Environmental Planning Policy (State and Regional Development) 2011 and will require development consent under Part 4 of the *Environmental Planning and Assessment Act 1979* (EP&A Act).

### 2.8.1 Secretary's Environmental Assessment Requirements (SEARs)

Specific to the assessment of cultural heritage impacts, the SEAR's require that the EIS must include:

- An assessment of the likely impacts of the development on Aboriginal heritage (cultural and archaeological), including consideration of the significance of these objects or declared places to Aboriginal people and having regard to the OEH's requirements;
- An assessment of the likely impacts of the development on non-Aboriginal heritage, paying particular attention to its settlement by Europeans and pastoral history and having regard to the OEH's requirements; and
- Evidence of consultation.

The archaeological and cultural values assessments presented in this ACHAR have been prepared in accordance with the SEARs (See Table 2-2) requirements, the requirements of the Guide to Investigating, assessing, and reporting on Aboriginal Cultural Heritage in New South Wales (OEH, 2010), the Community Consultation guidelines of the current Aboriginal Cultural Heritage Consultation Requirements for Proponents (DECCW 2010a), and the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW (OEH 2011). It also been prepared in accordance with, and it also complies with the intent, requirements and assessment methodologies outlined in the Burra Charter (1999).

Table 2-2: Secretary's Environmental Assessment Requirements (SEAR's) for the Project (SSD 8872).

Item	Requirement	Where in this Report
Aboriginal cultural heritage	The EIS must identify and describe the Aboriginal cultural heritage values that exist across the whole area that will be affected by the development and document these in the EIS. This may include the need for surface survey and test excavation. The identification of cultural heritage values must be conducted in accordance with the Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW (OEH 2010) and should also be guided by the Guide to investigating, assessing and reporting on Aboriginal Cultural Heritage in NSW (DECCW, 2011) and consultation with OEH regional officers.	Chapter 5
	Where Aboriginal cultural heritage values are identified, consultation with Aboriginal people must be undertaken and documented in accordance with the Aboriginal cultural heritage consultation requirements for proponents 2010 (DECCW). The significance of cultural heritage values for Aboriginal people who have a cultural association with the land must be documented in the EIS.	The ACHAR has been prepared to comply with the current Aboriginal cultural heritage consultation requirements for proponents (DECCW 2010a) and the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW (OEH 2010) to inform consultation and assessment, and complies with the intent, requirements and assessment methodologies in the Burra Charter (1999).
	Impacts on Aboriginal cultural heritage values are to be assessed and documented in the EIS. The EIS must demonstrate attempts to avoid impact upon cultural heritage values and identify any conservation outcomes. Where impacts are unavoidable, the EIS must outline measures proposed to mitigate impacts. Any objects recorded as part of the assessment must be documented and notified to OEH.	Chapters 5, 6, 7 and 9
Historic heritage	The EIS must provide a heritage assessment including but not limited to an assessment of impacts to State and local heritage including conservation areas, natural heritage areas, places of Aboriginal heritage value, buildings,	Chapter 8

	<p>works, relics, gardens, landscapes, views, trees should be assessed. Where impacts to State or locally significant heritage items are identified, the assessment shall:</p> <ol style="list-style-type: none"> <li>1. outline the proposed mitigation and management measures (including measures to avoid significant impacts and an evaluation of the effectiveness of the mitigation measures) generally consistent with the NSW Heritage Manual (1996),</li> <li>2. be undertaken by a suitably qualified heritage consultant(s) (note: where archaeological excavations are proposed the relevant consultant must meet the NSW Heritage Council's Excavation Director criteria),</li> <li>3. include a statement of heritage impact for all heritage items (including significance assessment),</li> <li>4. consider impacts including, but not limited to, vibration, demolition, archaeological disturbance, altered historical arrangements and access, landscape and vistas, and architectural noise treatment (as relevant), and</li> <li>5. where potential archaeological impacts have been identified develop an appropriate archaeological assessment methodology, including research design, to guide physical archaeological test excavations (terrestrial and maritime as relevant) and include the results of these test excavations.</li> </ol>	
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## 2.9 Statement of Compliance

This ACHAR has been prepared in accordance with the SEAR's and in accordance with current NSW guidelines and standards.

## 3 Legislative Context

The following sections present the Commonwealth and State statutory controls that provide legal protection for Aboriginal cultural heritage in NSW, and that identify the approval processes for any proposed project that seeks to impact Aboriginal cultural heritage places and objects.

### 3.1 Legislative Environment

The following sections present the Commonwealth and State statutory controls that provide legal protection for Aboriginal cultural heritage in NSW, and that identify the approval processes for any proposed Project that seeks to impact Aboriginal cultural heritage places and objects.

#### 3.1.1 Commonwealth Legislation

##### **Environment Protection and Biodiversity Conservation Act 1999**

The *Environment Protection and Biodiversity Conservation Act 1999* (the EPBC Act) protects matters of national environmental significance. The EPBC Act lists nine Matters of National Environmental Significance (MNES), which include world heritage sites and national heritage places, and provides for the establishment and maintenance of the National Heritage List (a list of Australia's most valued natural, Indigenous and historic heritage sites) and the Commonwealth Heritage List (a list of places of natural and cultural significance located on lands owned or controlled by the Australian Government).

##### **Aboriginal and Torres Strait Islander Heritage Protection Act 1984**

The *Aboriginal and Torres Strait Islander Heritage Protection Act 1984* (the ATSIHP Act) provides for the declaration by the Minister for the protection of Aboriginal cultural heritage of significance to Indigenous Australians, generally in circumstances where State or Territory laws fail to do so. The power to make declarations is meant to be used as a last resort, after the relevant processes of the state or territory have been exhausted; no declarations have been made under the ATSIHP Act in relation to the Study Area.

##### **Native Title Act 1993**

The *Native Title Act 1993* (NT Act) provides for the recognition and determination of native title in Australia, processes for how future activity can proceed on native title land, and to provide compensation where native title is impaired or extinguished.

Native Title Act processes for the purposes of the Project are not dealt with in this report, as Native Title has been extinguished in the Study Area.

##### **Protection of Movable Cultural Heritage Act 1986**

The *Protection of Movable Cultural Heritage Act 1986* (the PMCH Act) implements Australia's obligations under the UNESCO Pacific Convention on the Means of Prohibiting the Illicit Import, Export and Transfer of Ownership of Cultural Property. Under the PMCH Act it is unlawful to export a 'protected object' from Australia without a certificate or permit from the Environment Minister. This Act is not directly relevant to this report.

#### 3.1.2 State Legislation

##### **Environmental Planning and Assessment Act 1979**

The *Environmental Planning and Assessment Act 1979* (EP&A Act) is the main piece of legislation regulating land use in NSW.

The EP&A Act is administered by the Department of Planning and Infrastructure (DP&I) and guides the process of land development, including the assessment and management of cultural heritage impacts.

##### **National Parks & Wildlife Act 1974**

The *National Parks & Wildlife Act 1974* (NP&W Act) is the primary law in NSW that provides protection for Aboriginal cultural heritage. The Act is administered by the Office of Environment and Heritage (OEH), which is within the Department of Premier and Cabinet NSW.

Under section 86(1) and 86(4) of the NP&W Act, it is an offence to harm an Aboriginal object or an Aboriginal place. The NP&W Act provides for a number of defences to prosecution for harming Aboriginal objects or places including that the person harmed the object or place in accordance with an Aboriginal Heritage Impact Permit (AHIP) or that the person exercised due diligence.

Under section 89J of the EP&A Act, an AHIP is not required, and the NP&W Act provisions prohibiting harm to Aboriginal objects and places are not applicable, to State Significant Development that is authorised by development consent.

**Heritage Act 1977**

The *Heritage Act 1977* provides for the protection of natural, cultural and built heritage that are of State or local heritage significance in NSW, through the register of heritage places or items on the State Heritage Register and the making of interim heritage orders and emergency orders to protect heritage items or places at risk.

The registration on the State Heritage Register or the making of interim register order places limits on what can be done to the heritage, although interim heritage orders do not apply to State Significant Development under the EP&A Act.

Archaeological relics are protected under Division 9 of the Act, which also prescribes the requirement for permits issued under sections 140 and 141 of the Act for the disturbance of relics, or under sections 60 and 63 of the Act, in cases where 'relics' are situated within sites or places listed on the State Heritage Register. Permits are issued in accordance with Heritage Council policies which ensure that disturbance of sites and 'relics' occurs in accordance with appropriate professional assessment, standards and procedures.

## 4 Aboriginal Consultation

Aboriginal people have rights and interests in the assessment and control of cultural heritage objects and places. In recognising these rights and interests, all parties concerned with identifying, conserving and managing cultural heritage should acknowledge, accept and act on the principles that Aboriginal people:

- Are the primary source of information about the value of their heritage and how this is best protected and conserved;
- Must have an active role in any Aboriginal cultural heritage planning process;
- Must have early input into the assessment of the cultural significance of their heritage and its management so they can continue to fulfil their obligations towards their heritage; and
- Must control the way in which cultural knowledge and other information relating specifically to their heritage is used, as this may be an integral aspect of its heritage value.

Consultation with Aboriginal people about cultural heritage places and the way they should be managed is required under Part 6 of the NP&W Act. The processes of consultation are specifically outlined in the Department of Environment, Climate Change and Water publication 'Aboriginal cultural heritage consultation requirements for proponents 2010'.

This project has followed these guidelines and has also been consistent with the Guide to Investigating, assessing, and reporting on Aboriginal Cultural Heritage in New South Wales (OEH, 2010) guidelines.

### 4.1 Consultation Objectives and Approaches

*'Consultation with Aboriginal people is an integral part of the process of investigating and assessing Aboriginal cultural heritage. Aboriginal people who hold cultural knowledge about the area, objects and places that may be directly or indirectly affected by the proposed activity must be given the opportunity to be consulted. This is done through the process of investigating, assessing and working out how to manage the harm from the proposed activity. Consultation must adhere to the requirements set out in Clause 80C of the NPW Regulation' (OEH 2011:2).*

*'Conservation, interpretation and management of a place should provide for the participation of people for whom the place has special associations and meanings, or who have social, spiritual or other cultural responsibilities for the place' (Australia ICOMOS 1999).*

Based on the SEAR's and OEH guidelines for Aboriginal cultural heritage assessment in NSW, Aboriginal participation and involvement of in all stages of cultural heritage assessment and management has been fundamental to the Project's ACHAR.

The consultation steps employed in the cultural heritage assessment for the Project include(d):

- Advertising for Registered Aboriginal Parties in local media;
- Participation in the archaeological assessment of the Study Area;
- Facilitation of RAPs consultation on the cultural values of the Study Area, and where required, Walks on Country to identify and record Aboriginal cultural heritage values;
- Archival investigation;
- Consultation with OEH as required; and
- Assessment of the key cultural heritage issues for the Project, considering relevant guidelines, policies and plans and input from RAP(s).

As an outcome of this process, this ACHAR presents a combined understanding of Aboriginal cultural heritage values of the Study Area, as identified by RAP(s), historical research and the archaeological assessment.

This ACHAR also presents an impact assessment that incorporates the views of all RAP(s) and presents a series of management measures and recommendations that have been prepared in consultation with the RAP(s).

### 4.2 Cultural Heritage Assessment Process for the Project

The key stages of the cultural heritage assessment process used in the Project are derived from the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW (OEH 2011).

The stages of consultation and assessment, as described in the Aboriginal cultural heritage consultation requirements for proponents (DECCW 2010) include:

- Undertaking a preliminary assessment to determine if the Project is likely to have an impact on Aboriginal cultural heritage (ACHM, 2017);
- Identifying the Aboriginal cultural heritage values associated with the area through consultation with Aboriginal people with cultural knowledge or responsibilities for country in which the proposed project occurs, written and oral research and field investigations;
- Understanding of the significance of any identified Aboriginal cultural heritage values;
- Assessing the impacts of the proposed development on any Aboriginal objects and Aboriginal places;
- Describing and justifying the proposed outcomes and alternatives; and
- Documenting the Aboriginal cultural heritage impact assessment and the conclusion and recommendations to afford appropriate protection to any identified Aboriginal cultural values.

#### 4.2.1 Four Stages of Consultation and Assessment

Consultation consistent with the DECCW (2010) and DECCW (2010a) guidelines and in accordance with the principles of The Burra Charter (Australia ICOMOS, 2013) has involved four consultation stages as detailed in the DECCW (2010a) guidelines outlined below.

**Stage 1:** The Applicant initiated formal notification of the proposed Project and the ACHAR process, and the opportunity for Aboriginal parties to formally register their interest in the Project via local media;

Only one individual (Mr Mark Saddler) registered for the Project.

**Stage 2:** The Applicant and ACHM conducted initial Project description consultation, which included presenting information on the proposed Project to the RAP who registered an interest in Stage 1. Initial consultation was followed by the Draft Aboriginal Heritage Survey Methodology for 28-day review. Consultation with the RAP involved a combination of phone, email and person-to-person consultation.

**Stage 3:** During Stage 3, ACHM conducted extensive archaeological fieldwork across the Study Area with the involvement of the RAP. The approach taken actively involved the RAP in the assessment of the cultural heritage values of the Study Area, the likely Project impacts, if approved, and the development of management measures.

The RAP was asked to provide comment on site specific and cultural, social, historic and aesthetic values, including the significance of archaeological and cultural sites, and values associated with flora and fauna and landscape features to inform the assessment and management measures.

**Stage 4:** The RAP reviewed the draft ACHAR and provided feedback, which has been incorporated into this final ACHAR and discussed further in Section 4.6.1.

### 4.3 Stage 1 Consultation – Notification and Registration of Interest

**Stage 1:** The Applicant conducted consultation via formal notification of the proposed Project and the ACHAR process, and the opportunity for Aboriginal parties to formally register their interest in the Project.

**Stage 1** of the DECCW (2010) consultation process aims to *‘Identify, notify and register Aboriginal people who hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and / or places in the area of the proposed Project’*.

#### 4.3.1 Agency Notification

In accordance with Section 4.1.2 of DECCW (2010), The Applicant notified the following organisations on 18th October 2017 about the Project, and sought information on any Aboriginal people or organisations who may hold cultural knowledge relevant to determining the cultural significance associated with the Study Area:

- Office of Environment and Heritage (who responded on 24th October with a list of four Aboriginal parties);
- Narrandera Shire Council (who responded on the 18th October with a list of 1 RAP);
- Office of the Registrar of Aboriginal Land Rights (who responded on 26th October identifying that there were no Registered Aboriginal Owners for the Study Area);
- National Native Title Tribunal (who responded on 31st October 2017 with no further information);
- NTSCorp (who did not respond);
- Narrandera Local Aboriginal Land Council (who responded on 25th October, declining to participate in the ACHAR process due to prior commitments);

- Wagga Wagga Local Aboriginal Land Council (who did not respond);
- Leeton and District Local Aboriginal Land Council (who did not respond), and
- Griffith Local Aboriginal Land Council (who did not respond).

#### **4.3.2 Public Notification**

Advertisements were placed in the following publications seeking registrations of interest for the Project:

- Narrandera Argus: Tuesday 24th October & Tuesday 31st October
- The Area News: Monday 23rd October & Monday 30th October
- The Daily Advertiser: Monday 23rd October & Monday 30th October
- The Riverine Grazier: Wednesday 25th October and Wednesday 1st November
- The Southern Riverina: Wednesday 25th October and Wednesday 1st November

A copy of these advertisement is provided in Appendix 11.3.

#### **4.3.3 Written Notification to invite Participation in the ACHAR Process**

Following the newspaper advertisements and correspondence mentioned above, only one person registered for the Project on 24th October. No further registrations were forthcoming, despite advertising in all local media twice.

The RAP was forwarded hard copies of the Project Information and archaeological survey methodology on 21st November 2017.

### **4.4 Stage 2 - Further Consultation and Methodology Review**

on 27th November, the RAP provided comments on the proposed survey methodology developed for the Study Area. The RAP commented that:

*"The area of the proposed solar farm is an area that I have already recorded many scar trees and items in. This area is a traditional Wiradjuri walking track. Also, the fact that several old wet lands are about, and the adjacent creek is very important to my people."(Mark Saddler, Pers Comm, 2017).*

### **4.5 Stage 3 Consultation – Cultural Values / Impact Assessment and Development of Management Measures**

**Stage 3** of the DECCW (2010a) consultation process relates to gathering information about the cultural significance values of an assessment area, to seek Aboriginal registrant information that will enable the cultural significance of the place to be determined, and to provide Aboriginal registrants with the opportunity to provide input on cultural heritage management options.

The RAP was provided with numerous opportunities to participate in the Stage 3 consultation program between March and September 2015.

During **Stage 3** activities included:

- Archaeological Surveys of the Study Area between 11-13 December 2017 and 22-24 January 2018.
- Comments were received back from the RAP on the survey results on the 9th February 2018.

### **4.6 Stage 4 Consultation – Draft ACHAR Review**

Stage 4 of the DECCW (2010a) consultation process relates to RAPs reviewing the draft ACHAR and providing feedback.

The Draft ACHAR was sent out to the RAP for 28-day review on the 22nd February 2018.

#### **4.6.1 Aboriginal Cultural Values Assessment Feedback**

The following details any submissions received during the 28-day review period for the cultural values assessment.

Table 4-1: Table of Stage 4 ACHAR Comments

RAP	Comments
Mark Saddler	The RAP commented on the draft on the 26th March requesting advice about the procedure for artefact storage and repatriation should the solar farm development proceed. ESCO responded to the request for information. The RAP was satisfied with the response and advised that he was happy for the ACHAR to be finalised.



## 5 Aboriginal Cultural Heritage Context

This section of the ACHAR documents the results of the Aboriginal cultural heritage survey undertaken by ACHM and the one RAP for the Project.

### 5.1 AHIMS Search

A "Detailed" AHIMS search was undertaken on 12th October 2017.

No Aboriginal sites or places are known to exist within 5 km of the Study Area prior to the survey(s) discussed below.

### 5.2 Local Aboriginal Heritage Studies

A search of the AHIMS database showed that there have been no Aboriginal cultural heritage studies undertaken within 10km of the Project property.

The following reports were provided by OEH and have been completed within the wider Narrandera region.

Table 5-1: Project reports held by OEH within the wider Narrandera region.

Year	Authors	Title	Distance from Study Area	Findings
2004	Navin Officer	Proposed Replacement of Five Bridges and Culverts on the Newell and Sturt Highways, near Narrandera, NSW	>25km	2 Scarred Trees
1999	Central West Archaeological and Heritage Services	An archaeological survey of the proposed Colombo Creek Bridge and Colombo Creek Floodway Channel Bridge widening, 33.3 kilometres South of Narrandera	> 25km	1 Isolated Artefact
1999	Central West Archaeological and Heritage Services	An archaeological survey of the proposed Gum Creek Bridge Widening, 75 kilometres west of Narrandera on the Sturt Highway	>25km	1 Scarred Tree
1998	Central West Archaeological and Heritage Services	An archaeological study of the proposed optic fibre cable route between Narrandera and Euroley, South Western New South Wales.	>25km	No Sites

### 5.3 Predictive Model

Generally, higher density concentrations of Aboriginal archaeological objects can be expected within proximity to larger waterways. In this case, the areas closest to Sandy Creek would be expected to have the highest density of archaeological sites and/or objects. Areas in proximity to the ephemeral waterways will have lower density. Other stone artefacts can be expected to be distributed at lower density across the Study Area. The type(s) of archaeological sites and/or objects predicted to occur within the Study Area is as follows:

Table 5-2: Likelihood of particular site types occurring in the Study Area

Site Type	Highly Likely	Likely	Unlikely	Highly Unlikely
Artefact Scatters	X			
Isolated Artefacts	X			
Grindstones		X		
Scarred Trees		X		
Shell Middens			X	
Earth Mounds			X	
Human Remains			X	

### 5.4 Sampling Strategy

100% of the Study Area was surveyed using standard pedestrian archaeological survey techniques as described in Burke and Smith (2001).

## 5.5 Archaeological Survey

RAP Mark Saddler and Two ACHM archaeologists completed a pedestrian archaeological survey over two separate field trips.

A total of 608 ha was surveyed.

**Trip 1** - 11-13th December 2017

**Trip 2** - 21-24th January 2018



Figure 5-1: Photograph of the survey area, showing the generally good visibility.

### 5.5.1 Aims

The aim of the archaeological assessment was to survey the landscape to determine the extent of the disturbance and identify whether Aboriginal cultural heritage or any areas sensitivity were present with the Study Area.

### 5.5.2 Methodology

The assessment conducted for this ACHAR involved an archaeological surface survey. The specific aims of the survey were as follows:

- To determine if any Aboriginal Places were located within the Study Area, and
- To identify areas of Aboriginal archaeological sensitivity across the Study Area.

### 5.5.3 Obstacles and/or Limitations

Some variation in surface visibility was noted across the survey areas, however surface visibility was generally between 30 and 70% across the Study Area.

### 5.5.4 Archaeological Survey Summary

A pedestrian archaeological survey of the proposed Study Area (608 hectares) was completed. The survey was conducted over two separate trips to the Study Area. The first survey period was between 10th and 14th December 2017 and the second period were between 21st and 24th January 2018.

The survey crew comprised one RAP representative (Mark Sadler) and two archaeologists from ACHM (Anna Raudino and Madeleine Kelly). The Study Area consists of four parcels (231ha; 251ha; 66ha and 60ha) which have all been surveyed. The survey was undertaken by the survey team walking linear transects (north/south – east/west) over 100% of the Study Area.

The landform within the proposed Study Area consists of predominantly flat plain, which has been disturbed by past agricultural land use. As such, few artefact concentrations and isolated artefacts were recorded during the survey. Vegetation in the area is dominated by a ground cover of native and introduced grasses, native pine trees and eucalyptus.

### 5.5.5 Results

The Study Area has been extensively grazed and cropped. This has resulted in extensive disturbance to the land surface and sub-surface sediments.

Six discrete archaeological sites were identified, with an additional ~20 isolated artefacts recorded within the Study Area. The artefacts identified are predominantly made from quartz with other raw materials represented in small numbers - namely silcrete and crystal quartz. A relative high proportion of artefacts were broken flakes (60%) and cores (40%). Most of the cores are rather small quartz cobbles possessing only one or two flakes removals. These technical characteristics may also suggest that only initial stages of core reduction are represented. There were no retouched tools.

It was noted during the survey that quartz pebbles and cobbles are common components of stony gravels lying on the ground surface. Therefore, these gravels are a likely source material for the quartz artefacts.

Most of the artefacts, especially the larger scatters tend to be located closest to water resources.

A total of six archaeological sites were recorded during the survey;

Table 5-3: Archaeological Sites recorded during the surveys. Sites 1 and 4 are items which were recorded, but are located outside the Project area.


Site Number	Description
Sandigo 02	Grindstone
Sandigo 03	Grindstone
Sandigo 05	Artefact scatter
Sandigo 06	Artefact scatter
Sandigo 07	Artefact scatter
Sandigo 08	Artefact scatter


### 5.5.6 Archaeological Site Recording Method


The method employed to record archaeological sites was to identify the presence / absence of culturally modified materials across the Study Area. Isolated artefacts are individual pieces with no associated materials. Artefact scatters have been identified as multiple artefacts within proximity. The boundaries of artefact scatters were delineated by a decrease in artefact occurrence and density. Cultural materials were recorded using standard digital photography, estimates of artefact numbers and densities across the site(s), sampling of artefact attributes to gauge their diversity and complexity and finally recording boundary co-ordinates with a Garmin GPS MAP 64 unit. Notes on surrounding vegetation, sediments, ground visibility, landform, water sources and irrigation channels as well as the condition of the site were also recorded.


### 5.5.7 Site Descriptions


The following descriptions are for the six sites located within the Project Area. Sandigo 01 and Sandigo 04 were also recorded during the survey, but these two sites are located outside the Project Area, so are not detailed in this ACHAR.


Site	Sandigo 02
Description	This site includes one grindstone made from sandstone with dimensions of 6.8 cm x 4.2 cm. The grindstone is in a flatter area situated on a floodplain landform with high to moderate surface visibility (65%-70%).
Comments	The grindstone has plough damage in the centre of one surface. It was recorded in proximity to Sandigo 03 and several other isolated artefacts.
	

Site	Sandigo 03
Description	This site includes one grindstone with dimensions of 7.5 cm x 4.1 cm with a cracked surface. The grindstone is in a flatter area situated on a floodplain landform with high to moderate surface visibility (65%-70%).
Comments	This item recorded in proximity to Sandigo 02 and several other isolated artefacts.
	

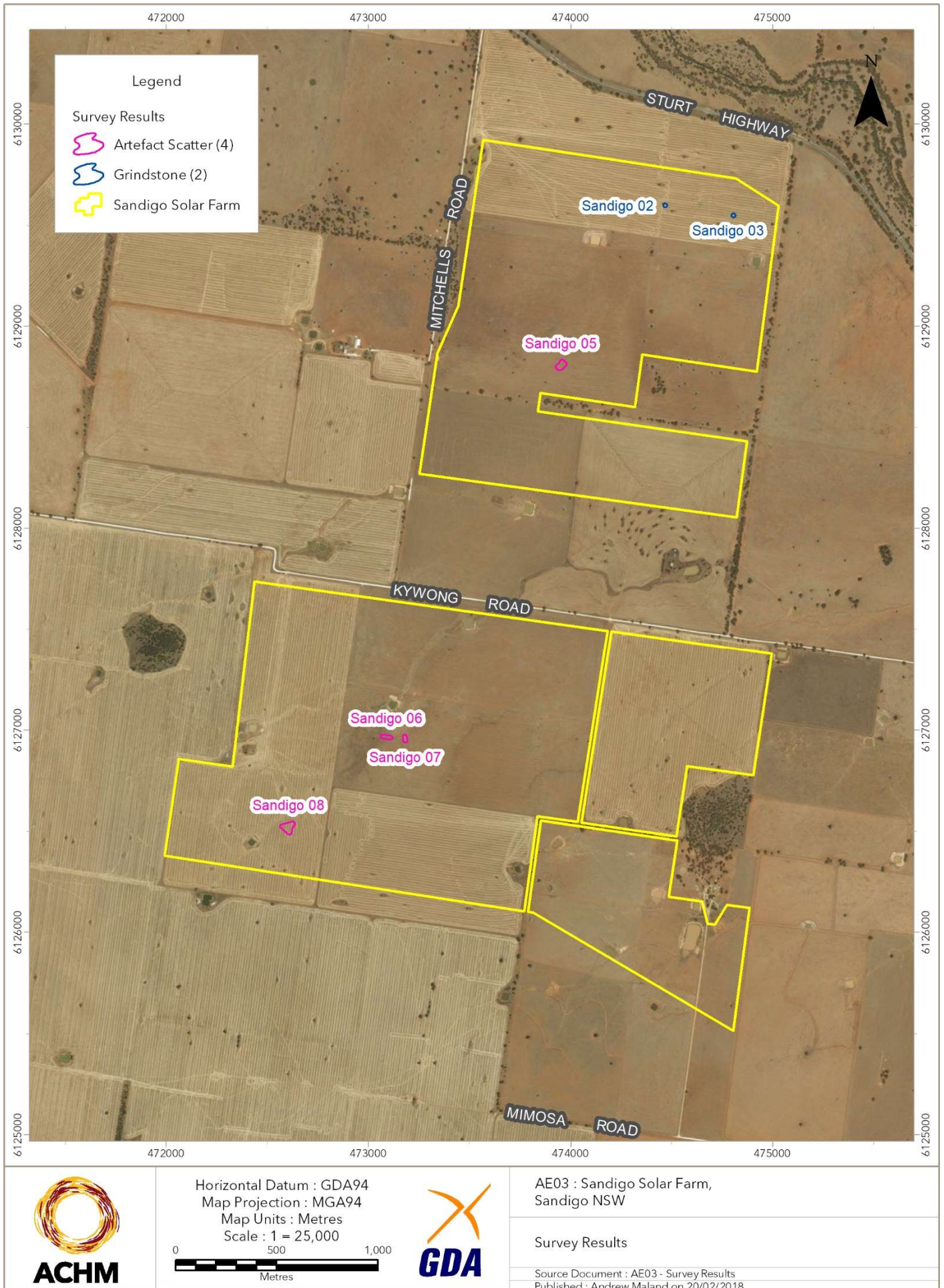
Site	Sandigo 05
Description	The site is a flat-lying area situated on a floodplain landform with moderate surface visibility (65%-70%). Ground visibility is affected by seasonal flooding and agricultural land use. The surrounding landscape is flat with gentle gullies. Vegetation in the area is dominated by a ground cover of native and introduced grasses. Sandigo 05 is a stone tool assemblage consisting of at least 20 artefacts mainly quartz broken flakes, crystal quartz, siltstone quartz and small quartz core/ cobbles. The largest percentage of flaked and broken flake artefacts are formed on quartz (90%) siltstone (5%) and crystal quartz (5%). The largest percentage of flaked and broken flake artefacts are formed on quartz (100%).
Comments	Site has been impacted by farming activities.
	

Site	Sandigo 06
Description	Sandigo 06 is a small site situated on a floodplain landform with low to moderate surface visibility (30-50%). Ground visibility is affected by seasonal flooding and agricultural land use. The surrounding landscape is flat. Sandigo 06 is a stone tool assemblage consisting of >5 artefacts; mainly quartz broken flakes and small quartz cores. The largest percentage of flaked and broken flake artefacts are formed on quartz (100%)
Comments	Site impacted by farming activities.
	

Site	Sandigo 07
Description	The site is a flat-lying area situated on a floodplain landform with low to moderate surface visibility (30-50%). Ground visibility may be affected by seasonal flooding and agricultural land use. Sandigo 06 is a stone tool assemblage consisting of > 5 artefacts mainly quartz broken flakes and a silcrete flake with dorsal flake scars. The largest percentage of flaked and broken flake artefacts are formed on quartz (90%), siltstone quartz (5%) and silcrete (5%).
Comments	Site impacted by farming activities.
	

Site	Sandigo 08
Description	The site is a flat-lying area situated on a floodplain landform with low surface visibility (30%). Ground visibility may be affected by seasonal flooding and agricultural land use. The surrounding landscape is flat. Sandigo 08 is a stone tool assemblage consisting of >5 artefacts mainly quartz broken flakes and a silcrete flake small quartz and cores. The largest percentage of flaked and broken flake artefacts are formed on quartz (80%), crystal quartz (15%) and silcrete (5%).
Comments	Site impacted through farming activities.
	 <p>Quartz flakes</p>





Map 5-1: Location of the 6 archaeological sites recorded during the surveys (without isolated artefacts shown).

## 5.6 Significance Assessment

Assessing the cultural significance of places or objects is central to both understanding and managing heritage places and is a requirement of the Aboriginal Cultural Heritage Assessment reporting process. This section briefly describes the process and presents the cultural significance assessment for the Aboriginal heritage places in the Project Disturbance Area.

This section of the ACHAR specifically recognises that Aboriginal people are the primary determinants of information in regard to the significance of cultural heritage objects, places or values. Indeed, this primacy is explicitly recognised by the Office of Environment and Heritage:

*OEH recognises and acknowledges Aboriginal people as the primary determinants of the cultural significance of their heritage. In recognising these rights and interests, all parties concerned with identifying, conserving and managing cultural heritage should acknowledge, accept and act on the principles that Aboriginal people:*

- *Are the primary source of information about the value of their heritage and how this is best protected and conserved,*
- *Must have an active role in any Aboriginal cultural heritage planning process,*
- *Must have early input into the assessment of the cultural significance of their heritage and its management so they can continue to fulfil their obligations towards their heritage, and*
- *Must control the way in which cultural knowledge and other information relating specifically to their heritage is used, as this may be an integral aspect of its heritage value.*

## 5.7 Definition of Cultural Significance

Cultural significance can be associated with or attached to any place, concept or object by any group or groups of people and is embodied in the place itself (i.e. its fabric, use, associations, and meanings, relationship to other concepts, places or objects). Place means any geographically defined area, and may include features, elements, objects, spaces and views. The place may have tangible (physically identifiable) or intangible (conceptual ideas or spiritual beliefs) values or a combination of both, or a range of values held by different individuals or groups. Places can be large or small, discrete or widespread. The concept of place can embody all the physically identifiable elements of a landscape (i.e. historical, indigenous or natural heritage values). Place may also exist in the intangible realm, where conceptual or spiritual values are held over places or landscapes with little observable physical evidence or fabric (Australia ICOMOS, 2013).

## 5.8 Nature of Cultural Significance

The nature of cultural significance is determined by understanding the interrelationship of the following core values, and the constituent factors assessed. These values are:

### 5.8.1 Aesthetic Value

A concept, place or object can have cultural significance if it is significant in exhibiting particular aesthetic characteristics. Such as:

- Importance to a community for aesthetic characteristics.
- Importance for its creative, design or artistic excellence, innovation or achievement.
- Importance for its contribution to the aesthetic values of the setting demonstrated by a landmark quality or having impact on important vistas or
- Otherwise contributing to the identified aesthetic qualities of the cultural environs or the natural landscape within which it is located.

### 5.8.2 Historic Value

A concept, place or object can have cultural significance if it is significant in exhibiting particular historic characteristics. Such as:

- It is significant in the evolution or pattern of the history of a locality, region, state, nation or people.
- Importance for the density or diversity of cultural features illustrating the human occupation and evolution of the locality, region, state or nation.
- Importance in relation to an event, phase or activity of historic importance in the region, state or nation



- Importance for close association with an individual or individuals whose life, works or activities have been significant within the history of the region, state or nation
- Importance as an example of technical, creative, design or artistic excellence, innovation or achievement in a period.

### 5.8.3 Scientific Value

A concept, place or object can have cultural significance if it is significant in exhibiting scientific characteristics. Such as:

- It has demonstrable potential to yield information that will contribute to an understanding of the natural or cultural history of the region, state or nation
- Importance for information contributing to a wider understanding of natural or cultural history by its use as a research site, teaching site, type locality, reference or benchmark site.
- Importance for its potential to yield information contributing to a wider understanding of the history of human occupation of the locality, region, state or nation.
- It is significant in demonstrating a high degree of technical innovation or achievement.

### 5.8.4 Social Value

A concept, place or object can have cultural significance if it is significant in exhibiting social characteristics. Such as:

- Association with a community or cultural group for social, cultural, educational or spiritual reasons.
- Importance as a concept, place or object highly valued by a community or cultural group for reasons of social, cultural; religious, spiritual, aesthetic or educational associations.
- Importance in contributing to a community's sense of place and/or identity.

### 5.8.5 Spiritual Value

The Draft 2013 ICOMOS practice note 'Understanding and Assessing Cultural Significance' defines 'spiritual value' as the *'intangible values and meanings embodied in or evoked by a place which give it importance in the spiritual identity, or the traditional knowledge, art and practices of a cultural group. Spiritual value may also be reflected in the intensity of aesthetic and emotional responses or community associations and be expressed through cultural practices and related physical structures'* (ICOMOS, 2013: 1).

The physical qualities of the place may inspire a strong and/or spontaneous emotional or metaphysical response in people, expanding their understanding of their place and purpose in the world, particularly in relation to the spiritual realm. The term spiritual value was recognised as a separate value in the 1999 Burra Charter (ICOMOS, 1999). It is still included in the definition of social value in the Commonwealth and most state jurisdictions. Spiritual values may be interdependent on the social values and physical properties of a place and its surrounding landscape.

A place may exhibit spiritual values if:

- The place contributes to the spiritual identity or belief system of a cultural group
- The place is a repository of knowledge, traditional art or lore related to spiritual practice of a cultural group
- The place is important in maintaining the spiritual health and well-being of a culture or group
- The physical attributes of the place play a role in recalling or awakening an understanding of an individual or group's higher purpose and place in relation to the spiritual realm.
- The spiritual values of the place find expression in cultural practices or human-made structures, or inspire creative works.

### 5.8.6 Degree of Cultural Significance

Once the nature of the cultural significance of a place or object is understood, it is essential to understand the extent or degree of that cultural significance. This is typically established by considering:

#### Rarity

A concept, place or object can have cultural significance if it:

- Demonstrates or possesses rare, uncommon or endangered aspects of the cultural heritage of a locality, region, state or nation.

- Demonstrates or possesses rare, endangered or uncommon structures, landscapes or phenomena.
- Demonstrates or possesses a distinctive way of life, custom, process, land-use, function or design no longer practiced in, or in danger of being lost from, or of exceptional interest to, the region, state or nation.

### **Representativeness**

A concept, place or object can have cultural significance if it:

- Is significant in demonstrating the characteristics of a class of cultural concepts, objects, places or environments in the State.
- Is important in demonstrating the principal characteristics of a range of concepts, objects, landscapes or environments, the attributes of which identify it as being characteristic of its class.
- Is important in demonstrating the principal characteristic of the range of human activities (including way of life, philosophy, custom, process, land-use, function, design or technique) in the environment of the locality, region, state or nation.

### **Condition, Integrity and Authenticity**

- Condition refers to the current state of the concept, place or object in relation to each of the values for which that concept, place or object has been assessed. Condition reflects the cumulative effects of management and environmental events.
- Integrity is a measure of the likely long-term viability or sustainability of the values identified, or the ability of the concept, place or object to restore itself or be restored, and the time frame for any restorative process.
- Authenticity refers to the extent to which the fabric of the concept, place or object is in its original state.

### **5.8.7 Significance Ratings**

For the purposes of this discussion, the criteria for assessing the significance of archaeological sites are grouped under three main headings: social, scientific and historical values. While there is some interchangeability between some categories, as in the case of rarity and representativeness, most of the individual criteria fall into one of these broad groups.

Depending on the criteria grouping, a different approach to rating individual values is used. For example:

- Social and historical significance are rated in a qualitative sense, in terms of whether they apply (present) or do not apply (absent) in each instance. These determinations will be supported by the results of the background studies and consultation procedure. In some instance it may be possible to state whether the value is particularly high or low, though in most cases it will simply be rated as present.
- Scientific significance is rated in a quantitative sense, with an overall value of high, moderate or low assigned on the basis of a comparative assessment of various factors (e.g. rarity, condition, contents and scale) at a local, regional, State or national level. The combination of different criteria relating to each site, place or item will be reviewed in order to produce a Statement of Significance. This can be a complex process, and for the majority of sites and places that are not under threat and are of relatively low importance, a summary statement or comparative table will be provided in lieu of a full Statement of Significance.
- Spiritual and/or cultural significance is sought from the relevant RAP's via the consultation process.

### **Scientific Significance**

Scientific significance is assessed by examining the research potential and representativeness of an archaeological site. This is achieved by assessing the value the site or place has for scientific investigation, through an analysis of the site condition, rarity, contents and structure. The system advocated here is based on approaches originally developed by Bickford and Sullivan (1994) and Bowdler (1984) and commonly used in archaeological significance assessments throughout Australia.

This system may be applied differently depending on the occurrence of disparate site types. As an example, it is generally not possible to rate both scarred trees and other types of archaeological site together, though the same criteria may be applied to each site type separately. Research potential is assessed by examining site contents and condition. Site contents refer to all cultural materials and organic remains associated with human activity at a site. Site contents also refer to the site structure - the size of the site, the patterning of cultural materials within the site and the presence of any stratified deposits. Site condition refers to the degree of disturbance to the contents of a site at the time it was recorded.

Representativeness refers to the regional distribution of a site type. It is assessed on whether the site is common, occasional or rare in each region. Assessments of representativeness are subjectively biased by current knowledge of the distribution and numbers of archaeological sites in a region. This varies from place to place depending on the extent of previous archaeological research. Consequently, a site that is assigned low significance values for contents and condition, but a high significance value for representativeness, can only be regarded as significant in terms of current knowledge of the regional archaeology. Any such site should be subject to further re-assessment as additional archaeological research is carried out. Assessment of representativeness also considers the contents and condition of a particular site. For example, in any region, there may only be a limited number of sites of any type that have suffered minimal disturbance. Such sites would therefore be given a high significance rating for representativeness, although they may occur commonly within the region.

Table 7-2: Significance assessment criteria for assessing the scientific significance of archaeological sites.

Assessment Criteria		Rank	Definition
1	Site Contents	0	No cultural materials remaining or materials of questionable provenance.
		1	Site contains a small number or limited range of cultural materials with no evidence of association or stratification.
		2(a)	A larger number, but limited range of cultural materials, and/or
		2(b)	Some intact stratified deposit remains.
		3(a)	A large number and diverse range of cultural materials; and/or
		3(b)	Largely intact stratified deposit; and/or
		3(c)	Surface spatial patterning of cultural materials that still reflect the way in which the cultural materials were laid down.
2	Site Condition	0	Site has either been entirely destroyed or is in a highly deteriorated state with very few cultural materials remaining.
		1	Site in a deteriorated condition with a high degree of disturbance, though with some cultural materials remaining.
		2	Site in a fair to good condition, but with some disturbance.
		3	Site in an excellent condition with little or no disturbance. For surface artefact scatters this may mean that the spatial patterning of cultural materials still reflects the way in which the cultural materials were laid down.
3	Representativeness	0	Common occurrence both in the local environment and throughout the region as a whole
		1	Occasional occurrence, either within the study locality or the region as a whole
		2	Rare or previously undocumented site type within the region

Overall scientific significance ratings for sites, based on a cumulative score following assessment of site content, site integrity and representativeness as shown in Table 7-3, below.

Table 7-3: Significance scoring based on the criteria outlined in this section, and the attributes listed in numerical order.

Score	Significance
1-4	Low scientific significance
5-7	Moderate scientific significance
8-9	High scientific significance

### Assessing Historic Significance

Historical value can apply to a site, place or item that is associated with a historical event, individual, technical achievement, or be especially representative of a historical theme. As with social significance, this value is noted in a qualitative sense as to whether it applies or does not apply, with a supporting discussion outlining the specific reasons. Again, the value may be noted as being high in some instances.

### Assessing Social Significance

Social significance represents the value of a place to an individual or community group that transcends the perceived rarity, research potential or condition of the fabric of a place or site. Social value is defined by the Burra Charter as:

*“...the qualities for which a place has become a focus of spiritual, political, national, or other cultural sentiment to a majority or minority group” (Marquis-Kyle & Walker 1992, 73).*

Unlike the determination of the other values, which are effectively expert based, the assessment of social value is driven by the relevant community or communities. The social significance placed on an archaeological site is generally unquantifiable in scientific terms, but will instead reflect elements of cultural, aesthetic and educational values.

Cultural values are an especially important aspect of social significance that applies to both Aboriginal and non-Aboriginal places and archaeological sites. These may reflect community values not only in regard to individual sites and groups of sites but also in terms of the general landscape, particularly where this is relatively undisturbed. Cultural values do not necessarily correspond to the scientific values placed on individual sites, but will reflect the cultural, educational and aesthetic values of such locations. These values may include ancestral or traditional associations, concern over environmental issues, possible uses of sites for interpretation and education and the importance of highly visible sites as tangible markers of Aboriginal or non-Aboriginal occupation in a region. Aesthetic value is defined in the Burra Charter as ‘..a certain quality of a place which provides a sensory experience to a person participating in or viewing a landscape, of such strength that it has a positive impact on human thought’. (Marquis-Kyle & Walker 1992: 73).

Educational value is a reflection of the potential for a site to assist in illustrating particular themes or concepts in both school and wider community education programmes. In some specialist studies, these values may be quantified (e.g. the assessment of scenic landscapes; cf. Leonard & Hammond 1984; Williamson 1986). Although this adds one dimension of assessment in terms of an expert appraisal; these quantifiable assessments complement qualitative assessments in that the former does not replace or take precedence over the latter.

### 5.8.8 Statement of Scientific Significance

This section includes the statements of scientific significance for the 7 newly recorded Aboriginal cultural heritage sites and 85 isolated artefacts, based explicitly on the methodology discussed in the preceding section. It should be noted that the following statements of significance are not an assessment of the cultural significance of the sites to traditional owners, but rather are an assessment of the research or scientific values of the sites.

Table 5-4: Scientific significance of the cultural materials located within the Study Area.

Site	Site Type	Content	Condition	Representativeness	Rarity	Overall Score	Significance
Sandigo 02	Grindstone	1	1	1	0	3	Low
Sandigo 03	Grindstone	1	1	1	0	3	Low
Sandigo 04	Artefact Scatter	1	1	1	0	3	Low
Sandigo 05	Artefact Scatter	1	1	1	0	3	Low
Sandigo 06	Artefact Scatter	1	1	1	0	3	Low
Sandigo 07	Artefact Scatter	1	1	1	0	3	Low
Isolated Artefacts	Isolated Artefacts	1	1	1	0	3	Low

### 5.8.9 Conclusions

A total of six discrete Aboriginal cultural heritage sites and 85 isolated artefacts were recorded within the Study Area. The cultural material found within the Study Area is ubiquitous to most of the country and is not considered rare. Stone artefacts are known to occur in varying densities throughout the region.

The Study Area has been actively farmed for at least the last 100 years, and as such is a heavily modified and disturbed landscape. There is no potential for the presence of *in-situ* sub-surface deposits requiring additional examination.

The cultural material identified within the Study Area is of low scientific significance.

## 6 Cultural Values

The following information was provided verbatim by RAP Mark Saddler in a written report provided to ESCO Pacific on 9th February 2018.

*On my site inspection on beginning on the 11/12/2017 I felt an overwhelming sense of pain and lose. This area was inhabited by Wiradjuri people and was a place where many camped and lived over an extended period of time. It is also a place where many Wiradjuri people were killed and forced to move away from. To the South of the area is a creek known as "Poison Water Hole Creek" Also not to far away is an island in the river called "Massacre Island" Both of these places cause pain and lose for my people.*

*With regards to native animals and plants in this area, I noticed many species of bird including Grass Parrots, Willy Wag Tail, Eagles, Rainbow Lorikeet, Galah, Cockatoo, White Winged Chough, Pipit and Quail to name a few. On the day of the 24th January a very large Madhan Gugaa (Tree Goanna) was also seen by the survey crew as it was climbing one of the remaining trees in this area. The area also has good regrowth of salt bush, some native water plants and young tree suckers. This area needs to have exclusions zones and habitat left undisturbed. GPS 474241 6126501*

*The dams on the site, that were once old creeks and wetlands, also contains many water animals including Yabby, small fish, Turtles, Dragon Flies and a large array of Butterflies and bees.*

*This area has been heavily impacted by cattle and machinery. Many Aboriginal sites and items have been damaged and driven over, this needs to stop, and actions taken to stop this from happening again. Exclusion zones are needed around the scar trees, around the remaining habitat and trees and extra care and exclusions zones around the two areas that have many excellent quality artefacts remaining on the ground. Both these sites need to have test pits dug into them to determine the extent of the artefacts that are on and below the ground.*

*Both the sites that I have surveyed and want to re-inspect with test pits are shown on the page 12 in pictures 1 and 2.*

*I would also ask for the planting of native trees that would enhance the area for both people and bird life. Some Bull Oak trees would also add to the area and may assist in the habitat and return of the Glossy Black Cockatoo.*

*When construction does start I would like to ask that I could be again involved in any ground works with regards to cultural assistance on site.*

*As this report has been asked for today the 5th Feb 2018 by Cedric, some AHIMS site recordings are still not on here due to the slowness of AHIMS Data Base, so ESCO Pacific need to do their due diligence by getting access to the full data from AHIMS by doing a full search via AHIMS site.*

*Also, items that are removed to be tagged and examined must be returned to site with a smoking ceremony to take place to ensure the safe return of items and our spirits.*

A full copy of this report is shown as Appendix 11.5.

## 7 Historic Heritage Assessment

Narrandera is a vibrant town with a rich post-Contact history, focused on the Murrumbidgee River which passes through the town. The first European credited with passing through the area was Captain Charles Sturt in 1829. The area now known as Narrandera is located within the lands of the Wiradjuri people.

### 7.1 Brief History of Narrandera

- Prior to European occupation the area was inhabited by the Wiradjuri People who are believed to have known the area as '*Narrungdera*'.
- The explorer Charles Sturt passed through the district in 1829. He was probably the first European to do so.
- Buckingbong station, south of the river, was taken up in 1839 by the Jenkins family.
- In 1843 Edwin Flood took up the 76,800-acre Narrandera Run. It was the first local property north of the river.
- By the end of the 1840s drovers were diverting their stock south to the new goldfields. The Narrandera Run was an ideal location to cross the Murrumbidgee River.
- After a major flood in 1852, John Dill built a punt to cross the Murrumbidgee and there was agitation to build a village on the northern side of the river.
- The government surveyed both the north and south banks of the Murrumbidgee. There was an argument as to which side would be better for the town.
- The village was proclaimed in 1863.
- By 1865 the Australian novelist, Rolf Boldrewood, who was living in the area, described the settlement as "*two hotels, a small store and a large graveyard*".
- The population of Narrandera had reached 142 by 1871.
- The railway reached the town in 1881.
- The combination of railhead and steamer port made Narrandera the most important town in the Riverina from 1881 to 1914 when the population reached about 3,000.
- The town was gazetted as a borough in 1885.
- The drought of the early 1890s stalled expansion and Narrandera's industrial base declined.
- By 1914 the town's population had reached 3,000.
- The development of the Murrumbidgee Irrigation Area in the 1900's brought fertility to the plains and diversified primary production to include rice, citrus, cereals, stone fruits, wool, lucerne, fat lambs and poultry.
- By 1940 Narrandera was being used as a training camp for young pilots.
- The town celebrated its centenary in 1985.

### 7.2 Register Searches

#### 7.2.1 Australian Heritage Database

There are nine properties on the Australian Heritage Database located in Narrandera. None of these are within 10 kilometres of the Study Area. There are no listings for the Sandigo area.

Table 7-1: Australian Heritage Database listings within the wider Narrandera area.

Place	Status
Dry Lagoon Area Sturt Hwy, Narrandera	(Indicative Place) Register of the National Estate (Non-statutory archive)
Narrandera Showground Victoria Ave, Narrandera	(Indicative Place) Register of the National Estate (Non-statutory archive)
St Johns Uniting Church and Hall Cadell St, Narrandera	(Indicative Place) Register of the National Estate (Non-statutory archive)
CBC Bank (former) 142 East St, Narrandera	(Registered) Register of the National Estate (Non-statutory archive)
Narrandera Courthouse and Police Station Group	(Registered) Register of the National Estate (Non-statutory archive)
Narrandera Nature Reserve	(Registered) Register of the National Estate (Non-statutory archive)
Narrandera Post Office 140 East St, Narrandera	(Registered) Register of the National Estate (Non-statutory archive)
Narrandera Rail Bridge	(Registered) Register of the National Estate (Non-statutory archive)
Railway Station and Station Masters Residence	(Registered) Register of the National Estate (Non-statutory archive)

## 7.2.2 State Heritage Register

There are five places listed on the State Heritage Register at Narrandera.

Table 7-2: State Heritage Register places in the Narrandera area.

Item name	Address	Suburb	LGA	SHR
Berembid Weir and Site	Murrumbidgee River	Narrandera	Narrandera	00957
Derrendi Cottage	30-32 Twynam Street	Narrandera	Narrandera	00441
Narrandera rail bridge over Murrumbidgee River	Junee-Hay railway	Narrandera	Narrandera	01050
Narrandera Railway Station and yard group	Whitton St (Newell Highway)	Narrandera	Narrandera	01209
Narrandera Showground Industrial Hall	Elizabeth Street	Narrandera	Narrandera	01952

None of these places are in or near the Study Area. There are no listings for the Sandigo area.

## 7.2.3 Narrandera LEP

There are 73 local heritage places listed in the Narrandera LEP.

One of these is located at Sandigo (Sandigo Hall), however it is approximately 6 kms north-west of the Study Area and will not be impacted.

Table 7-3: Places listed in the Narrandera LEP.

Item Name	Address	Description	Significance	Item No
Narrandera Public School	Adams Street	Lot 5, Section 44, DP 758757	Local	I067
Catholic convent	Audley Street	Lot 1, DP 911685	Local	I033
Catholic presbytery	Audley Street	Lot 9, Section H, DP 613	Local	I034
St Joseph's Primary School	Audley Street	Lot 1, DP 911685	Local	I086
St Mel's Catholic Church	Audley Street	Lot 11, Section H, DP 613	Local	I087
Residence (former Bushman Arm's Hotel)	78 Audley Street	Lot 1, DP 970904	Local	I081
Argus printing plates, held by Process Printers	92 Audley Street	Lot 3, DP 207770	Local	I027
Residence—Allowrie	101 Audley Street	Lot 2, DP 225506	Local	I078
St Thomas' Rectory	124 Audley Street	Lot 9, Section 18, DP 758757	Local	I089
Bishop's house—Maranoa	127 Audley Street	Lot 2, Section 23, DP 758757	Local	I030
Residence	129 Audley Street	Lot 11, DP 1059243	Local	I077
Christian Revival Crusade (former Plaza Theatre)	31–35 Bolton Street	Lot 2, DP 601595	Local	I037
Baptist church	32 Bolton Street	Lot 6, DP 2514	Local	I028
Buckingbong Homestead and outbuildings	Buckingbong Road	Lot 1, DP 754540	Local	I031
Buckingbong woolshed	Buckingbong Road	Lot 1, DP 754540	Local	I032
Grandstand	Cadell Street (Narrandera Park)	Lot 1, Section 45, DP 758757	Local	I052
St John's Uniting Church	Corner Cadell and Douglas Streets	Lot 5, Section 65, DP 758757	Local	I085
Former Masonic Lodge	31 Cadell Street	Lot 1, DP 902203	Local	I049
Narrandera District Hospital group	Douglas Street	Lot 1, Section 64, DP 758757	Local	I063
Mon Repos (former Murrumbidgee Club)	43 Douglas Street	Lot 3, Section 65, DP 758757	Local	I060
Residence (former Farrelle residence)	53 Douglas Street	Lot 1, Section 65, DP 758757	Local	I082
Ambulance station	18 East Street	Lot 4, DP 14449	Local	I024



Former London Bakery	50 East Street	Lot B, DP 33358	Local	I048
J & T Auto Spares	56 East Street	Lot C, DP 408466	Local	I056
Narrandera Toy and Hobby shop	68 East Street	Lot 3, DP 17355	Local	I070
Charles Sturt Hotel—stables at rear	77 East Street	Lot A, DP 402905	Local	I036
Former Commonwealth Bank	78 East Street	Lot 1, DP 115977	Local	I046
Commercial building	88–90 East Street	Lot 1, DP 129311	Local	I040
Bendigo Bank (former Bank of NSW)	94 East Street	Lot A, DP 314393	Local	I029
Coles supermarket (former Richards Store)	103 East Street	Lot 1, DP 115593	Local	I038
ANZ Bank	126 East Street	Lot 1, DP 929881	Local	I026
Commercial building	132 East Street	Lot 1, DP 103853	Local	I039
Royal Mail Hotel	137 East Street	Lot 1, DP 541131	Local	I083
Narrandera Post Office	140 East Street	Lot 2, DP 791067	Local	I066
Narrandera Council Chambers	141 East Street	Lot 1, DP 170147	Local	I062
National Australia Bank	142 East Street	Lot C, DP 404206	Local	I071
Jonsen's Building	149–157 East Street	Lot A, DP 33869	Local	I057
Murrumbidgee Hotel	159 East Street	Lot 1, DP 912606	Local	I061
Ensign Now and Then	164 East Street	Lot A, DP 316057	Local	I045
Riverina Motorcycles (former garage)	178–186 East Street	Lot 1, Section 5, DP 1008	Local	I047
Narrandera Hotel	185 East Street	Lot 2, DP 863204	Local	I065
Residence	49 Elwin Street	Lot 1, Section 67, DP 758757	Local	I076
Edenholme Homestead	420 Irrigation Way	Lot 1, DP 576839	Local	I043
Cemetery (Forestry Commission)	Lake Drive	Lot 4, DP 444708	Local	I035
Midgeon woolshed	Lake Midgeon	Lot 1, DP 1091802	Local	I059
Courthouse	Larmer Street	Lot 5, Section 18, DP 758757	Local	I041
Antique Corner	126 Larmer Street	Lot 1, DP 781814	Local	I025
Police Station group	129, 131 and 133 Larmer Street	Lot 4, Section 18, DP 758757	Local	I073
Former Royal Hotel	134 Larmer Street	Lot 6, DP 79876	Local	I051
St Thomas' Anglican Church	141 Larmer Street	Lot 2, Section 18, DP 758757	Local	I088
Hit or Miss Hotel	154 Larmer Street	Lot 1, DP 195339	Local	I055
Remains of PS Wagga Wagga	Murrumbidgee River		Local	I074
Rail bridge over Murrumbidgee River	Murrumbidgee River		State	I075
Former Oakbank Brewery	Old Brewery Road	Lot 1, DP 318449	Local	I050
The Gunya Boy Scouts Hall	9 Sturt Street	Lot 12, DP 36178	Local	I093
Residence (former AMP building)	13–15 Twynam Street	Lot 1, DP 576716	Local	I080
Emergency services building (former Mechanics' Institute)	17–21 Twynam Street	Lot 2, Section 39, DP 758757	Local	I044
Narrandera Fire Station	23 Twynam Street	Lot 12, Section 39, DP 758757	Local	I064
Lethbridge Collection (held by Parkside Museum)	28 Twynam Street	Lot 1, DP 115969	Local	I058
Derrendi	30–32 Twynam Street	Lot 6, DP 123559	Local	I042
Residence—Egerton	42 Victoria Avenue	Lot 2, DP 16812	Local	I079
Westaway	88 Victoria Avenue	Lot B, DP 337870	Local	I094
Normanville	98 Victoria Avenue	Lot 7, DP 511791	Local	I072
Hankinson Memorial Fountain	Victoria Square (Memorial Gardens)	Lot 80, DP 1140946	Local	I054
South African War Memorial	Victoria Square (Memorial Gardens)	Lot 80, DP 1140946	Local	I084
Steel and brick water tower	Watermain Street	Lot 1, DP 611805	Local	I092
Narrandera Railway Station	Whitton Street		Local	I068
Narrandera Railway Yards	Whitton Street	Lot 2, DP 808460	Local	I069
Station Master's Residence	Whitton Street	Lot 1, DP 808460	Local	I091
Hall's Hotel	Corner Whitton and East Streets	Lot 1, DP 387297	Local	I053
Star Hotel	64 Whitton Street	Lot 1, DP 115975	Local	I090
Sandigo Hall	7499 Sturt Highway	Lot 118, DP 754550	Local	I095

## 7.2.4 National Trust

There are no places on the National Trust Register in or near Narrandera or Sandigo.

## **7.2.5 Database Summary**

There are no known places of historic heritage value or significance within or intersecting the Study Area.

## **7.3 Historic Heritage Summary**

There are no known places of historic heritage value or significance within or intersecting the Study Area. It is considered highly unlikely that any undiscovered places of historic heritage value or significance will occur within the Study Area.

## 8 Impact Assessment and Avoidance of Harm

### 8.1 Project Rationale

The OEH (2011) guidelines state that an ACHA report must include a '*justification for any likely harm, including a discussion of any alternatives considered for the proposal. This must demonstrate how all feasible options to avoid or minimise harm were considered*'.

The Applicant presented information on the Project to the RAP during the ACHA consultation process and have undertaken an ongoing review of designs. In developing the footprint and the design of the disturbance of the proposed Project, The Applicant has considered diverse options for the layout of the Project infrastructure to optimise the Project's final design mindful of site constraints and potential impacts.

Within the Development Site, harm cannot be avoided to the artefact scatters and isolated artefacts identified during the archaeological assessment.

### 8.2 Sustainable Development Principles

This ACHAR has considered the impact of the proposed Project on the known Aboriginal objects of the Development Site and places external to it, and the range of cultural significance values associated with the Study Area.

Impact assessment has included consideration of proposed direct impacts, indirect impacts and cumulative impacts to archaeological and /or cultural places and ecologically sustainable development (ESD). OEH (2011) requires that proposed development activities be discussed in the context of ESD, in particular the principles of the precautionary approach and incorporating intergenerational equity in the assessment.

### 8.3 Opportunities to avoid impact

The Development Site has been adjusted to avoid a scarred tree which occurs outside the north-western boundary of the Project. Harm cannot be avoided to the six archaeological sites described in Chapter 5.

### 8.4 Cumulative Impact

Though the Project has been designed to avoid harm wherever practicable and the archaeological significance of the sites within the Development Site is generally low, the Project's impacts will contribute to the cumulative loss of Aboriginal cultural values and archaeological sites within the local area, and the region more widely.

## 9 Recommendations

As discussed in detail in Chapter 5, harm cannot be avoided to the surface archaeological materials located within the Development Site.

### 9.1 Management Measures

There are two types of management measures that may result from the assessment process:

1. On-Site Management Measures, and
2. Off-Site Management Measures

On-site management measures may include actions such as archaeological salvage, protective fencing, artefact analysis, curation arrangements, induction programmes and the development or updating of an ACHMP. Off-site management measures may include actions such as community development programmes, scholarships or educational activities. In this case, management measures will be restricted to on-site actions.

#### 9.1.1 The proposed management measures from the RAP

The RAP suggested that two of the artefact scatters found during the archaeological survey should be test excavated. However, this cannot be supported, given the requirements of the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW, 2010). The sites in question are surface scatters with no likelihood of having in situ sub-surface deposits. The sub-soils have been extensively disturbed through ploughing and grazing activities. Given there is no likelihood of in-situ sub-surface deposits, it is highly unlikely that there is a high probability that any Aboriginal objects with high conservation value occur in the Development Site (DECCW, 2010:24).

Table 9-1 contains the proposed management and mitigation measures which will be implemented should the Project be approved.

#### 9.1.2 Proposed Management Measures

The following management measures are proposed for the Development Area.

Table 9-1: Management Recommendations

Proposed on Site Cultural Heritage Management Measures			
	Action Number	Action Item	Management Measures
Survey, Collection and Analysis	A1	Conduct Surface salvage of the surface artefacts within the Development Site.	Controlled surface collection of archaeological materials from within the Development Site by qualified archaeologists in consultation and cooperation with the RAP
	A2	Detailed Salvage Report	Following the surface collection, a detailed salvage report will be written by a qualified archaeologist. The report will discuss the context of the finds, as well as the nature and extent of the assemblages within a local and regional context.
	A3	Aboriginal Site Impact Recording Forms	An Aboriginal Site Impact Recording Form will be prepared following any impacts to AHIMS sites, including surface collection / salvage and repatriation. Completed forms will be sent to the AHIMS Registrar to be included as an addendum to the original site recording form for each site.
Care and Control	A4	Repatriation of Artefacts	The artefacts recovered during the salvage will be held by ACHM for analysis and reporting purposes. After construction works, the artefacts recovered during the surface salvage should be repatriated to a location in agreement with the Proponent and the RAP.
	A5	If any Aboriginal object is discovered and/or harmed in, or under the land, while undertaking the proposed development activities, the proponent must:	<ul style="list-style-type: none"> <li>Not further harm the object,</li> <li>Immediately cease all work at the particular location,</li> <li>Secure the area so as to avoid further harm to the Aboriginal object,</li> <li>Notify OEH as soon as practical on 131555, providing any details of the Aboriginal object and its location, and</li> <li>Not recommence any work at the particular location unless authorised in writing by OEH.</li> </ul> <p>In the event that skeletal remains are unexpectedly encountered during the activity, work must stop immediately, the area secured to prevent unauthorised access and NSW Police and OEH contacted.</p>
Intergenerational Equity	A6	Sites Not to Be Impacted	The Project will implement management measures for sites in the Project Area that will not be impacted by the Project.

## 10 Bibliography

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# 11 Appendices

## 11.1 Log of Consultation Events

Date	Consultation Type	OEH Requirement	Consultation Stage	Registered Aboriginal Party / Agency	Contact Person	Description
18-Oct-17	Letter	4.1.2	Stage 1	Office of Environment and Heritage	Peter Ewin Daniel Clegg	ESCO Pacific sent Letter to Agency to identify Aboriginal parties
18-Oct-17	Letter	4.1.2	Stage 1	The Registrar, Aboriginal Land Rights Act 1983		ESCO Pacific sent Letter to Agency to identify Aboriginal parties
18-Oct-17	Letter	4.1.2	Stage 1	Narrandera LALC	Ronnie Williams	ESCO Pacific sent Letter to Agency to identify Aboriginal parties
18-Oct-17	Letter	4.1.2	Stage 1	NNTT		ESCO Pacific sent Letter to Agency to identify Aboriginal parties
18-Oct-17	Letter	4.1.2	Stage 1	Narrandera Shire Council		ESCO Pacific sent Letter to Agency to identify Aboriginal parties
18-Oct-17	Letter	4.1.2	Stage 1	NTSCorp		ESCO Pacific sent Letter to Agency to identify Aboriginal parties
18-Oct-17	Letter	4.1.2	Stage 1	Local Land Service - Riverina		ESCO Pacific sent Letter to Agency to identify Aboriginal parties
18-Oct-17	Email	4.1.2	Stage 1	Office of Environment and Heritage	Peter Ewin	ESCO Pacific sent PDF copy of Letter to Agency to identify Aboriginal parties
18-Oct-17	Email	4.1.2	Stage 1	Narrandera Shire Council	Kellie Dissegna	ESCO Pacific sent PDF copy of Letter to Agency to identify Aboriginal parties
18-Oct-17	Email	4.1.2	Stage 1	Narrandera Shire Council	Kellie Dissegna	Narrandera Shire Council response – identifying Ronnie Williams from Narrandera LALC
23-Oct-17	Public Notice	4.1.3	Stage 1	All RAPs		Public Notice in The Area News (week 1)
23-Oct-17	Public Notice	4.1.3	Stage 1	All RAPs		Public Notice in the Daily Advertiser (week 1)
24-Oct-17	Letter	4.1.3	Stage 1	Office of Environment and Heritage	Peter Ewin Daniel Glegg	Response letter, provided a list of 4 Aboriginal parties
24-Oct-17	Letter	4.1.3	Stage 1	Wagga Wagga LALC		Letters to Agency to identify Aboriginal parties
24-Oct-17	Letter	4.1.3	Stage 1	Griffith LALC		Letters to Agency to identify Aboriginal parties
24-Oct-17	Letter	4.1.3	Stage 1	Leeton & District LALC		Letters to Agency to identify Aboriginal parties
24-Oct-17	Public Notice	4.1.3	Stage 1	All RAPs		Public Notice in the Narrandera Argus (week 1)
24-Oct-17	Email	4.1.5 4.1.6	Stage 1	Mark Saddler - Guwayu	Mark Saddler	Aboriginal party registered an interest in the Sandigo Solar Farm project
25 Oct-17	Phone call	4.1.6	Stage 1	Narrandera LALC	Ron Williamson	Ron is the Chairperson of the Narrandera LALC. He informed there were remains in the Sandigo area, north of Sandy Creek. ESCO Pacific suggested Narrandera LALC to register their interest by mail or email, but they were too busy at that moment.
25-Oct-17	Public Notice	4.1.3	Stage 1	All RAPs		Public Notice in the Riverine Grazier (week 1)
25-Oct-17	Public Notice	4.1.3	Stage 1	All RAPs		Public Notice in the Southern Riverina News (week 1)

26-Oct-17	Letter	4.1.2	Stage 1	The Registrar, Aboriginal Land Rights Act 1983	Jodie Rikiti	Response letter, informed no Registered Aboriginal Owners pursuant to Division 3 of the Aboriginal Land Rights Act 1983
30-Oct-17	Public Notice	4.1.3	Stage 1	All RAPs		Public Notice in The Area News (week 2)
30-Oct-17	Public Notice	4.1.3	Stage 1	All RAPs		Public Notice in the Daily Advertiser (week 2)
31-Oct-17	Public Notice	4.1.3	Stage 1	All RAPs		Public Notice in the Narrandera Argus (week 2)
31-Oct-17	Email	4.1.2	Stage 1	National Native Title Tribunal		Response letter, informed no Native Title Determination, Determinations of Native Title, or Indigenous Land Use Agreements over the identified area
1-Nov-17	Public Notice	4.1.3	Stage 1	All RAPs		Public Notice in the Southern Riverina News (week 2)
1-Nov-17	Public Notice	4.1.3	Stage 1	All RAPs		Public Notice in the Riverine Grazier (week 2)
13-Nov-17	Email	4.1.3	Stage 1	Narrandera LALC	Ron Williamson	ESCO Pacific sent an email to check whether Narrandera LALC wanted to register their interest in the project – No answer
20-Nov-17	Email	4.2.2 4.3.1	Stage 2 Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	ESCO Pacific sent project information and field assessment methodology for review and feedback
21-Nov-17	Phone call	4.1.3	Stage 1	Narrandera LALC	Ron Williamson	Ron confirmed Narrandera LALC did not want to register interest.
21-Nov-17	Letter	4.2.2 4.3.1	Stage 2 Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	ESCO Pacific sent hard copy of project information and field assessment methodology for review and feedback
27-Nov-17	Email	4.3.2 4.3.3	Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	RAP provided comments on methodology: "The area of the proposed solar farm is an area that I have already recorded many scar trees and items in. This area is a traditional Wiradjuri walking track. Also, the fact that several old wet lands are about and the adjacent creek is very important to my people."
28-Nov-17	Email	4.3.2 4.3.3	Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	Discussed potential dates and insurance RAPs and archaeologists agreed on field assessment on 11th – 13th December 2017 inclusive
5-Dec-17	Email	4.3.2 4.3.3	Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	ESCO Pacific confirmed field assessment dates 11-13 Dec 2017. Sent Indemnity Deed Poll for signature Mark sent Indemnity Deed Poll back
6-Dec-17	Email	4.3.2 4.3.3	Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	ESCO Pacific sent amended version of Deed Poll
9-Dec-17	Email	4.3.2 4.3.3	Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	RAP had a question about time and place of meeting for field assessment
11-Dec-17 to 13-Dec-17	Field assessment	4.3.3	Stage 3	RAP Mark Saddler – Guwayu ACHM (archaeologists)	Mark Saddler	Field assessment with RAP (3 days – northern areas of the site)
18-Dec-17	Email	4.3.2 4.3.3	Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	ESCO Pacific proposed 22-24 Jan 2018 for part 2 of field assessment and sent updated proposed footprint for field assessment purposes. RAP accepted the dates.
8-Jan-18	Email	4.3.3	Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	RAP sent invoice for field assessment part 1
18-Jan-18	Email Phone call	4.3.3	Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	RAP confirmed dates of survey
21-Jan-18	Email	4.3.3	Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	RAP informed hot weather was expected and field assessment may need to cease due to safety reasons

22-Jan-18 to 24-Jan-18	Field assessment	4.3.3	Stage 3	RAP Mark Saddler – Guwayu ACHM (archaeologists)	Mark Saddler	Field assessment with RAP (3 days – southern areas of the site) Cedric Berge of ESCO Pacific briefly met Mark Saddler during the field assessment
24-Jan-18	Email	4.3.3	Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	RAP sent invoice for field assessment part 2
1-Feb-18	Email	4.3.3	Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	RAP sent email to mention he was waiting for AHIMS to approve sites and requested file storage space to send photos and other documents
5-Feb-18	Email	4.3.3	Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	RAP informed he would send his report by 7 Feb
9-Feb-18	Email	4.3.3	Stage 3	RAP Mark Saddler - Guwayu	Mark Saddler	RAP sent his report following field survey – ESCO Pacific confirmed reception
23-Feb-18	Email	4.4.2 4.4.3	Stage 4	RAP Mark Saddler - Guwayu	Mark Saddler	ESCO Pacific sent copy of Draft ACHAR for review and comments.
23-Feb-18	Express post mail	4.4.2 4.4.3	Stage 4	RAP Mark Saddler - Guwayu	Mark Saddler	ESCO Pacific sent hard copy of Draft ACHAR for review and comments
23-Mar-18	Email	4.4.2 4.4.3	Stage 4	RAP Mark Saddler - Guwayu	Mark Saddler	ESCO Pacific sent email advising RAP 28 day period to review draft ACHAR ended and asked if more time was required to provide comments, if any
26-Mar-18	Email	4.4.2 4.4.3	Stage 4	RAP Mark Saddler - Guwayu	Mark Saddler	RAP advised he would have a look at the report ASAP. RAP requested to send the draft ACHAR again. ESCO Pacific sent the draft ACHAR again
26-Mar-18	Email	4.4.2 4.4.3	Stage 4	RAP Mark Saddler - Guwayu	Mark Saddler	RAP commented on draft ACHAR and asked ESCO Pacific to advise on procedure for artefacts storing and return if solar farm goes ahead. ESCO Pacific pointed out section 9 of the draft ACHAR and advised report will be finalised unless RAP has further comments.
26-Mar-18	Email	4.4.4	Stage 4	RAP Mark Saddler - Guwayu	Mark Saddler	RAP confirmed ACHAR can be finalised. ESCO advised hard and soft copies will be sent to RAP when finalised.



## 11.2 AHIMS Site Search Result



Office of  
Environment  
& Heritage

### AHIMS Web Services (AWS) Search Result

Purchase Order/Reference : 1

Client Service ID : 306622

Australian Cultural Heritage Management Vic Pty Ltd

Date: 12 October 2017

GPO Box 5112

Melbourne Victoria 3764

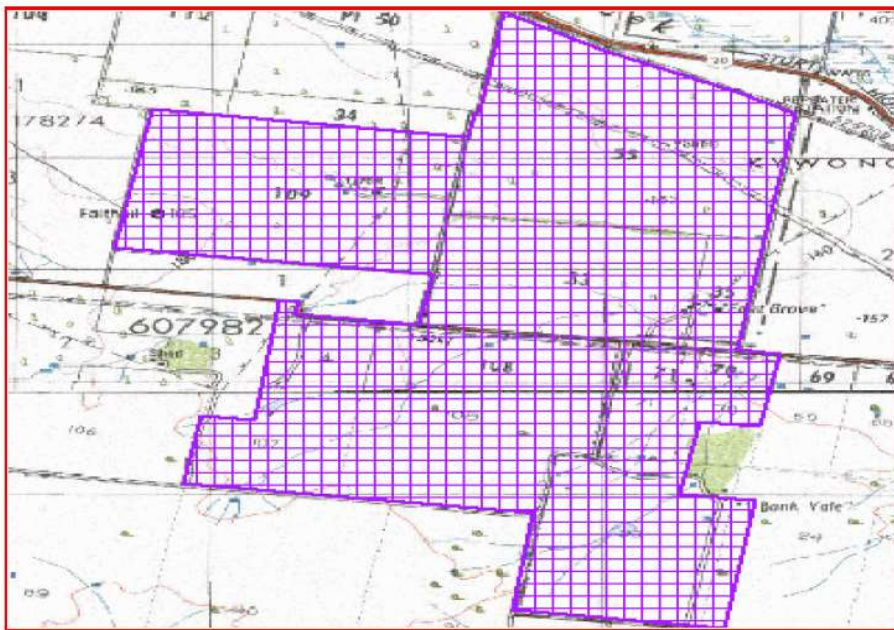
Attention: Shaun Canning

Email: shaun.canning@achm.com.au

Dear Sir or Madam:

**AHIMS Web Service search for the following area at Search using shape-file Kwong.SHP with a buffer of 0 meters. Additional Info: Reporting conducted by Shaun Canning on 12 October 2017.**

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



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

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

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

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

**Important information about your AHIMS search**

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



## 11.3 Newspaper Advertisements

### 11.3.1 Narrandera Argus: Tuesday 24th & Tuesday 31st

**Narrandera Argus**  
**Local Classifieds**  
**BOOK YOUR SPACE NOW! Phone us on 6959 2222, fax on 6959 2256 or email [classifieds@narranderaargus.com.au](mailto:classifieds@narranderaargus.com.au)**

#### PUBLIC NOTICES

##### SANDIGO SOLAR FARM

ESCO Pacific Pty Ltd intends to develop a utility scale solar farm (up to 550MW) near Sandigo, approximately 20kms south of Narrandera, NSW. The project will involve the installation of solar panels arrays across an area of up to 1,000 hectares within the project area and a local connection to the NSW power grid.

Aboriginal People or other parties who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) within the vicinity of the Sandigo project area are invited to participate in consultation with ESCO Pacific Pty Ltd regarding the proposed project. The consultation is to enable assessment of Aboriginal cultural heritage associated with the project area.

Aboriginal people or other parties who wish to register their interest in this consultation process are invited to respond in writing (including your name, organisation, address, contact details and phone number) to Cedric Berge by 8th November 2017.

Cedric Berge  
 Level 4, 13 Cremorne St, Richmond VIC 3121  
 Email: [cultural.heritage@escopacific.com.au](mailto:cultural.heritage@escopacific.com.au)

All registered parties will be contacted to discuss the proposed project and any consultation opportunities to inform the Aboriginal Cultural Heritage Assessment.



#### LATER OPENING TIME THURSDAY 26 OCTOBER 2017

Residents are advised that the Narrandera Shire Council Administration Centre, Community Transport and HMMS, Narrandera Landfill Site, Visitor Information Centre and Works Depots will open at the later time of 10.30am on Thursday 26 October 2017 to allow all staff to attend the annual awards breakfast and necessary training.

For matters requiring urgent attention, please telephone the following numbers:

Ranger	0429 043 719
Roads, Parks and other	0427 595 562
Sewer	0417 023 016
Water	0417 023 015
Bushfire	000

George Cowan  
 General Manager



#### Save a life today!

**Australian Red Cross  
BLOOD SERVICE**

#### NOTICE

**COMPLETE  
GARDEN CARE**  
 Lawn Mowing – Pruning  
 Ring Mark Beeche  
 on 0400 759 200

#### CHRISTMAS BOXES

Due 29th October  
 Contact Glenys  
 0428 593 401  
 or leave at Narrandera  
 Christian Books & Gifts

**Mobil  
Supreme +98**  
 is now available at  
**Mobil  
NARRANDERA**

NARRANDERA IMPERIAL  
 FOOTBALL NETBALL CLUB

**AGM**  
 Wednesday 22nd  
 November 2017  
 7pm in the Clubrooms

#### PUBLIC NOTICE

In the District Court Matter  
 Case No 2013/267922  
 Papa vs Minchin the case  
 was heard and found in  
 the favour of Papa.  
 Resitution and costs  
 awarded by Her Honour  
 Justice Olsen.

– S. Papa

#### BINGO

**THIS FRIDAY  
OCTOBER 27  
& LAST FRIDAY  
OF EACH MONTH**  
 John O'Brien Hall  
 Doors open 6pm

Fundraiser for the  
 John O'Brien Estate

#### FOR SALE

**AIR CONDITIONER**  
 evaporative, new motor.  
 \$200 ono. Phone 0428  
 695 926.

#### POSITIONS VACANT

**AGRI AUSTRALIS**  
*Australian Hazelnut*

**MAINTENANCE WORKER  
WITH WELDING QUALIFICATIONS**  
 General farm machinery maintenance  
 experience desirable

**QUALIFIED AGRICULTURAL/DIESEL  
MECHANIC**  
 Tractor and farm machinery maintenance  
 experience desirable

Send your resume to:  
[admin@agriaustralis.com.au](mailto:admin@agriaustralis.com.au)  
 or contact the Office on 6959 8243

#### General Store Manager

Xpress Fuels – Narrandera

##### Store Manager Responsibilities

- Developing store strategies to raise customers' pool, expand store traffic and optimize profitability
- Meeting sales goals by training, motivating, mentoring and providing feedback to store staff
- Ensuring high levels of customers satisfaction through excellent service

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We are looking for a results driven Retail Store Manager to be responsible for the overall store management. The successful candidate will be able to enhance customer satisfaction, meet sales and profitability goals and manage staff effectively. Candidates must have retail management in Fuel Station/Fuel Industry experience.

##### Requirements

- Proven successful experience as a retail manager
- Powerful leading skills and business orientation
- Customer management skills
- Strong organizational skills
- Good communication and interpersonal skills
- Minimum Bachelor degree

For more information and to apply, please send your resume to [aisha@xpressgroup.com.au](mailto:aisha@xpressgroup.com.au)

#### PERSONAL

**SENSITIVE SCALP**  
 but want great colour?  
 100% ammonia free  
 L'Oreal Professional  
 Colour Studio – 6959 9901

**Argus Classifieds  
6959 2222**

**Can Assist**  
 CANCER ASSISTANCE NETWORK  
 NARRANDERA

**Local volunteers  
supporting local  
families affected  
by cancer**

## DISCLAIMER

The Argus would prefer advertisements to be supplied over the counter, fax or email. No responsibility will be taken for any advertisements which are phoned through.



#### MAINTENANCE/ MULTI-SKILLED LABOURER

This position is for full-time employment, 40 hours per week, Monday to Friday with the possibility of overtime to complete daily duties. The successful applicant will assist with maintenance and construction projects at Altina. Due to the nature of this work and with regular deadlines to meet, it can be a fast paced environment with the entirety of the work being hands on.

##### Duties Include, but are not limited to:

Assist with general maintenance of the facilities, fences and fabrication of materials (welding a variety of steels), Repairs, cleaning etc. General cleaning duties of work sites, work sheds and equipment, assist tradespersons as requested, operation of plant machinery, irrigation as required, operating basic tools and machinery.

##### This position requires the following:

The applicant must be fit for physical work, enthusiastic, able to demonstrate a high level of work ethic/initiative, be able to work well as a team and unsupervised, previous maintenance/labouring/trade experience, experience operating tools and machinery related to the position with appropriate Licences/Qualifications, hold a current manual drivers licence. Welding/Fabrication experience is a necessity.

If you are interested in the above position and feel you would be an asset to our team, send your letter of application and resume to:

Attn: Recruitment Officer  
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 c/- 663 Hillston Road, Griffith NSW 2680  
 Email: [info@altinawildlife.com](mailto:info@altinawildlife.com)

**CLOSING DATE: 5pm, Friday 3rd November 2017**

**GATES** 1300 881 279  
 Complete Apprentice Management [www.gates.com.au](http://www.gates.com.au)  
**POSITION AVAILABLE**  
 Apprentice Welder

GATES, together with Narrandera based business W Clark & Sons are currently seeking applications from committed and hard working individuals interested in starting a career as an Apprentice Welder commencing in early 2018. As an Apprentice Welder you will be required to assist in the preparation, measurement, and cutting of metal components, interpret drawings and plans and produce a range of metal fabricated products, using an assortment of tools and fabrication techniques. Upon completion of this 4 year apprenticeship you will obtain a Certificate III in Engineering – Fabrication Trade. To be successful in this position you must be reliable, mature-minded, willing to learn, able to show initiative, possess excellent problem-solving skills and have a genuine interest in pursuing a career in this industry. A current driver's licence is preferred but not essential. Current school leavers are encouraged to apply.

**Apply online today at [gates.com.au](http://gates.com.au)**

## Eurells go pink to support breast care nurses

Husqvarna Australia has proudly announced it will be continuing its partnership with the McGrath Foundation in 2017 to assist with raising funds for Breast Care Nurses around Australia, with its Saws for a Cause initiative.

Eurells of Narrandera will 'Go Pink' by hosting a Husqvarna outdoor power equipment workshop on Saturday October 28 at the NSW Rural Women's Gathering in Narrandera.

The two-hour workshop is part of the 2017 NSW Department of Primary Industries' Rural Women's Gathering and will see guests develop chainsaw skills

and raise important funds for the McGrath Foundation.

"We are very excited about this opportunity. The need for experience and skills to safely use a chainsaw is something that we hear from a lot of rural women," said Peter Eurell of Eurells Narrandera.

"I'm looking forward to being able to help teach new skills and raise awareness for the McGrath Foundation," he said.

Husqvarna's Saws for a Cause commitment will see \$5 from every pink Husqvarna toy chainsaw sold during October go to the McGrath Foundation. Additionally, for every

purchase of a pink toy chainsaw during October, consumers will go into the draw to win a Husqvarna 596Lxp Battery Chainsaw Kit valued at \$1,047.

Saws for a Cause will further see Husqvarna donating \$10 from the sale of every Husqvarna Battery Chainsaw sold throughout the year to the Foundation, to help ensure support continues outside of Breast Cancer Awareness month.

All funds raised by Eurells of Narrandera and other Husqvarna dealerships around Australia will go directly to assist the placement of specialist McGrath Breast Care Nurses in

communities around the country.

These dedicated nurses help individuals and their families experiencing breast cancer by providing physical, psychological and emotional support. This support occurs from the time of diagnosis, right throughout treat-

ment and is available for free.

"We're very proud to be a part of Husqvarna's Saws for a Cause partnership with the McGrath Foundation. We know that breast cancer affects women of all ages, so awareness is critical.

"We're proud to play our part in the Narrandera area and help raise awareness and important funds so the McGrath Foundation can continue to make a difference," said Mr Eurell.

"Breast cancer is the

most common cause of cancer in Australian women and with a 38 percent expected increase in the need for Breast Care Nurses until 2020, it's important that we keep up the awareness and fundraising," he concluded.





# Narrandera Argus Classifieds

Phone us on 6959 2222 or email [classifieds@narranderaargus.com.au](mailto:classifieds@narranderaargus.com.au)

## PUBLIC NOTICES

**Narrandera Shire Council**

### HAVE YOUR SAY

#### REVIEW OF THE NARRANDERA FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Narrandera Shire Council is commencing a review of the *Narrandera Floodplain Risk Management Study and Plan*. To assist Council a community questionnaire has been developed to give you the opportunity to have your say on floodplain management.

The community questionnaire and other relevant documents are available for viewing via Council's website [www.narrandera.nsw.gov.au](http://www.narrandera.nsw.gov.au). As such, we are inviting you to take a short ten minute survey to help assist the consultant in gathering important information.

Alternatively the questionnaire and return pre-paid envelope may also be collected from the Council Chambers.

Please return or submit the completed questionnaire in the reply paid envelope or online by **Wednesday 15 November 2017**.

**George Cowan**  
General Manager

## SANDIGO SOLAR FARM

ESCO Pacific Pty Ltd intends to develop a utility scale solar farm (up to 550MW) near Sandigo, approximately 20kms south of Narrandera, NSW. The project will involve the installation of solar panels arrays across an area of up to 1,000 hectares within the project area and a local connection to the NSW power grid.

Aboriginal People or other parties who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) within the vicinity of the Sandigo project area are invited to participate in consultation with ESCO Pacific Pty Ltd regarding the proposed project. The consultation is to enable assessment of Aboriginal cultural heritage associated with the project area.

Aboriginal people or other parties who wish to register their interest in this consultation process are invited to respond in writing (including your name, organisation, address, contact details and phone number) to Cedric Berge by **8th November 2017**.

Cedric Berge  
Level 4, 13 Cremorne St, Richmond VIC 3121  
Email: [cultural.heritage@escopacific.com.au](mailto:cultural.heritage@escopacific.com.au)

All registered parties will be contacted to discuss the proposed project and any consultation opportunities to inform the Aboriginal Cultural Heritage Assessment.



## Department of Industry

### Grazing opportunity at Barellan

Department of Industry - Crown Lands is seeking applications by Expression of Interest from the public for a grazing opportunity over Crown land at Barellan.

The Crown land is situated on Martin Rd Barellan being Lot 7637 DP 94876, with an approximate area of 4,822ha, in the Parish of Barellan, County of Cooper.

Interested parties should obtain an Information Package for Intending Applicants (which includes links to the 'Licence, Grazing EOI Application form' and 'Standard Terms & Conditions') from the website ([www.crownland.nsw.gov.au](http://www.crownland.nsw.gov.au)) (Public Exhibition & Information) OR from Crown Lands Griffith by appointment.

All interested persons should note that the highest rental amount submitted by any applicant will not necessarily determine the successful applicant. File #17/09132. Applications close on Friday 03/11/2017 at 05:45 pm.

For more information: contact Melba Robb Group Lessee, Griffith and Tel (Telephone: 02 6960 1341 / Email: [melba.robbs@crown-land.nsw.gov.au](mailto:melba.robbs@crown-land.nsw.gov.au)).

**NARRANDERA BUY LOCAL** SUPPORT YOUR COMMUNITY

10 — Tuesday, October 31, 2017

## NOTICE

**NARRANDERA IMPERIAL FOOTBALL-NETBALL CLUB AGM**  
Wednesday 22<sup>nd</sup> November 2017  
7pm in the Clubrooms

**N'DERA CAMERA CLUB AGM**  
Wednesday 1<sup>st</sup> Nov 7pm in the Senior Citizens Rooms

## PERSONAL

FINE or problem hair but need a great cut? Visit Rita at R. Street Hairstudio - 6959 9901. Open Mondays

## POSITIONS VACANT

**Narrandera Shire Council**

### POSITION VACANT

#### Finance Manager

Grade 22  
\$1736.90 - \$1945.33 per week  
Plus super and a residence is available which can be negotiated to form part of the package.

**Closing Date:**  
15 November 2017

For further information visit [narrandera.nsw.gov.au](http://narrandera.nsw.gov.au) or contact Council's Human Resources Department on 6959 5510

**Can Assist**  
CANINE ASSISTANCE NETWORK

### MONTHLY BOOK SALE

**Saturday 10am-2pm**  
Baptist Church & Hall, Bolton Street

**LEAVE A GIFT IN YOUR WILL TO ASSISTANCE DOGS AUSTRALIA**

**AND YOU CAN HELP IMPROVE THE LIVES OF PEOPLE LIVING WITH DISABILITIES**

For more information about leaving a gift in your will please contact:  
**Freecall: 1800 686 364**  
[www.assistance dogs.org.au](http://www.assistance dogs.org.au)

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c/- 683 Hillston Road, Griffith NSW 2680  
Email: [info@altinawildlife.com](mailto:info@altinawildlife.com)

**CLOSING DATE: 5pm, Friday 3rd November 2017**



The A Grade Carps were washed out this week, resulting in a draw.



The B Grade Carps this week cruised in to a nine wicket win.

## CRICKET SCOREBOARD

### A GRADE

#### LEETON PHANTOMS

H Emerson	b M Tilyard	4
C Hopkins	b J Anderson	62
T Rolls	b R Rehwinkel	5
B Buster	b J Anderson	18
L Hamilton	b J Williamson	13
S Weckert	lbw b J Anderson	0
J Carrim	lbw b J Anderson	2
R Keith	c J Sullivan b R Rehwinkel	6
J Semmens	c C Daaboul b R Rehwinkel	10
G Anthony	not out	1
Extras	(nb 1, w 3, b 1, lb 1)	6
<b>Total</b>		<b>127</b>
<b>Overs</b>		<b>31.4</b>

#### NARRANDERA CARPHEADS

R Argus	lbw b J Yelland	7
J Doyle	not out	62
J Sullivan	c T Rolls b L Hamilton	26
J Anderson	not out	0
Extras	(nb 0, w 4, b 0, lb 0)	4
<b>Total</b>		<b>2/99</b>
<b>Overs</b>		<b>12.4</b>

### B GRADE

#### LEETON PHANTOMS

T Studholme	c C Irons b A Hayes	2
R Lacey	b A Hayes	0
N Anderson	c C Irons b A Hayes	0
V Wate	c J Schofield b W Gilbert	28
J Rasmus	c G Khan b C Irons	16
J Caldwell	c J Schofield b C Irons	14
C Carter	c O Park b T Butterfield	0
L McMaster	c D Whiteman b O Park	20
GM Clark	b B Perram	4
N Bennett	not out	2
W Dixon	c C Vearing b B Perram	0
Extras	(nb 7, w 2, b 2, lb 0)	11
<b>Total</b>		<b>97</b>
<b>Overs</b>		<b>30.4</b>

#### NARRANDERA CARPHEADS

A Cabban	c N Bennett b N Anderson	2
J Schofield	not out	75
G Khan	not out	12
Extras	(nb 2, w 8, b 0, lb 1)	11
<b>Total</b>		<b>1/100</b>
<b>Overs</b>		<b>14.5</b>

Narrandera Argus



## 11.32 The Area News: Monday 23rd &amp; Monday 30th

14 THE AREA NEWS Monday, October 23, 2017

areanews.com.au

## Connect with Classifieds

The Area News

Phone: 1300 656 562  
Email: riverinaclassifieds@fairfaxmedia.com.au

Fairfax Media

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## The Area News

## Connect with Classifieds

## Place a Classifieds ad

1300 656 562  
riverinaclassifieds@fairfaxmedia.com.au  
Save time, submit online 24/7  
advertiser.com.au

Print and online packages available  
throughout Australia  
Ongoing business advertising and services  
enquiries: admadon@fairfaxmedia.com.au

Email now available

## For Sale

## FREE GRAPE MARC\*

Good for Garden Mulch

Steam Distilled Grape Marc

Current season stocks for immediate  
dispatch from Griffith NSW

\*Freight is the responsibility of the purchaser

Contact during business hours only  
Mon-Fri 8:30am-5:00pm  
Griffith: Scott on 0428 843 097

## Fertiliser

POULTRY Manure,  
large quantities avail-  
able. Delivered any-  
where. Ph 0447 049 547

## Farm Machinery

NAIRN 1230 grape  
harvester, 4WD,  
ex cond.  
Massey Ferguson  
4255 FWA 85hp  
2,800hrs, ex cond.  
Silvan Maxia air  
blast 3,000L,  
as new.  
0428 606 931

## Public Notices

YENDA  
R.L.F.C.  
AGM

to be held on  
Tuesday 31st  
October at 8pm  
at the Yenda  
Hotel

ROOF & GUTTER  
CLEANING. Ph: 0434  
367 443.

adzuna

## Public Notices

## SANDIGO SOLAR FARM

ESCO Pacific Pty Ltd intends to develop a utility scale solar farm (up to 550MW) near Sandigo, approximately 20kms south of Narrandera, NSW. The project will involve the installation of solar panels arrays across an area of up to 1,000 hectares within the project area and a local connection to the NSW power grid.

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Cedric Berge  
Level 4, 13 Cremorne St, Richmond, Vic 3121  
Cultural.heritage@escopacific.com.au

## Public Notices

HANWOOD PUBLIC SCHOOL  
NOW TAKING ENROLMENTS

There are placements available in most year  
groups including Kindergarten for 2018.  
Please contact the school on 0863 3297 for  
any enrolment enquiries.

MI Murrumbidgee  
Irrigation

ABN 39 084 943 037

Call for nominations for the position of  
B class Member-elected Director

Nominations open 23 October 2017

This is an opportunity for suitably experienced and  
motivated people to join a dynamic regional water business  
which plays a critical role in the MIA.

Under the Company's Constitution, to be eligible for this  
position, you must be a B class member in Murrumbidgee  
Irrigation Limited registered in your own name. Any  
shareholder who holds both A and B class shares may only  
vote or be nominated for election in this ballot if they hold  
more B class than A class shares.

Collective knowledge, skills and experience sought in  
directors:

- Understanding of agricultural and water issues
- Knowledge and experience in strategic decision-making  
related to and integrated with customer and water  
service objectives
- Strategic management skills and knowledge of  
frameworks or models that will enhance the company's  
performance and commercial viability
- Ability to contribute to the development of strategies and  
policies to guide and strategically position the business  
sustainably for the future
- Sectoral experience in one or more areas: land  
management, financial management, environment,  
planning, community development, agriculture,  
construction, engineering, human resources, and/or other  
irrigation-related areas
- Understanding of, or experience in, a similar role as a  
director of a business, an association or an industry group  
and the related governance and compliance obligations
- Commercial expertise in running a successful company,  
co-operation or similar organisation
- Well developed communication and negotiation skills.

Candidates need to complete a nomination form and provide  
information on qualifications and relevant experience.  
Candidates must be nominated and seconded by  
shareholders in the same class. A nomination form is  
available at the company's registered office and at  
www.mirrumbidgee.com.au. Nominations close at 5pm on  
Sunday 12 November 2017.

Further details can be obtained from the Company Secretary,  
Murrumbidgee Irrigation Limited, Research Station Rd,  
Hanwood. Tel: 021 5962 0200 Fax: 021 5962 0278  
Email: info@mirrumbidgee.com.au

ALL  
OUR  
CLASSIFIEDS  
APPEAR  
ONLINE

STAND  
OUT!!  
ADD  
COLOUR  
TO  
YOUR AD

Fairfax Media

## Public Notices

The Office of Environment  
and Heritage

## Public Notification

The Office of Environment and Heritage (OEHS),  
National Parks and Wildlife Service (NPWS), is  
planning to undertake an aerial black operation  
targeting fire ants in the following NPWS  
managed reserves:

- Goswami National Park & Campsite, Narrandera  
Reserve, Monday 23 October through to  
Friday 27 October 2017

The parks listed above will be closed to the  
public for the services indicated. The NPWS  
website will advertise the local parks closures.  
www.nationalparks.nsw.gov.au/en/activities

For more information, please call M. West & A.  
Marage, M. Rasin Mares on 021 596 8100.

## Positions Vacant

Sales Representative  
(Industrial  
Products) FT

Our business is  
seeking an energetic  
sales representative  
to join our team  
working in Griffith.  
The suitable  
candidate with  
previous experience  
in marketing  
Industrial products  
is an advantage.

Area: Griffith, NSW  
Ph: 0412442154  
Email: Jeruchelle@  
yahoo.com

Connect with  
Classifieds

SAVE  
UP TO  
50%

See more savings on 1300 656 562

## Positions Vacant

MAINTENANCE/MULTI-SKILLED  
LABOURER

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hours per week, Monday to Friday with the  
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If you are interested in the above position  
and feel you would be an asset to our team,  
send your letter of application and resume to:

Att: Recruitment Officer

Altina Wildlife Park

C/- 663 Hillston Road, Griffith NSW 2680

CLOSING DATE:

5pm Friday 3rd November 2017

Or email: info@altinawildlife.com

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5pm Friday 3rd November 2017

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## Positions Vacant

GRIFFITH EAST  
PRESCHOOLEARLY CHILDHOOD TEACHER  
POSITIONS 2018

We are seeking to employ two enthusiastic  
and highly dedicated Early Childhood  
Teachers with a Degree in Early Childhood  
Education (Three to Four Year trained). You  
will be joining a centre that prides itself in an  
Exceeding Rating under the National Quality  
Standard.

## Position One:

Maternity Leave, full time and for a minimum  
of twelve months. This position involves  
leading two teams of educators for two  
groups of preschool aged children.

## Position Two:

This is a two day per week, temporary  
position for a minimum of twelve months.  
The position is for a Monday and Tuesday  
and involves leading one team of educators  
for one group of preschool aged children.

Both positions will be reviewed at the end of  
the twelve months and there could be a  
possibility of some continued work into  
2019.

There is a strong emphasis on being a team  
player and we need you to have a sound  
knowledge and commitment to the Early  
Years Learning Framework, National Quality  
Framework and National Quality Standard.

WORKING WITH CHILDREN CHECK applies  
to all applications.

NEALS Teacher Accreditation status and  
number also applied.

Application packages can be requested via  
email: admin@griffitheast.com.au

Applications close: Friday 17th November,  
2017.

NEED CASH?  
HAVE A  
GARAGE SALE

PROMOTE  
YOUR BRAND  
ADD A LOGO  
TO YOUR AD



# Connect with Classifieds

The Area News

Phone: 1300 656 562

Email: riverinaclassifieds@fairfaxmedia.com.au

Fairfax Media

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## The Area News

### Connect with Classifieds

#### Place a Classifieds ad

- 1300 656 562
- riverinaclassifieds@fairfaxmedia.com.au
- Save time, submit online 24/7
- advertisers.com.au

Print and online packages available throughout Australia  
Ongoing business advertising and services enquiries: sonadonline@fairfaxmedia.com.au

Emoji now available! 😊

## In Memoriam

**Michael Thomas SEYMOUR**  
Passed away  
31-10-77  
Loving son of  
Margaret and Tom  
(deceased).  
I loved brother of  
Greg, Virginia and  
Caroline.  
Loved us always  
remembered.

**Norma Frances WELLS**  
18-10-32 - 31-10-09  
In loving memory  
of my wife.  
Miss you every  
day.  
Allan



## For Sale

### FREE GRAPE MARC\*

Good for Garden Mulch  
Steam Distilled Grape Marc  
Current season stocks for immediate  
dispatch from Griffith NSW

\*Traction is the responsibility of the purchaser

Contact during business hours only  
Mon-Fri: 8.30am-5.00pm  
Griffith: Scott on 0428 843 087

## Auctions

### GRIFFITH ANTIQUE & ESTATE AUCTION

At the Davidge Pavilion,  
Griffith Showground NSW  
SUNDAY 5<sup>th</sup> NOVEMBER 2017  
VIEW 9AM START 11AM

- Featuring Royal Doulton, Beswick & J. Beswick & lots of English China
- Large assortment of interesting & varied collectable items
- Victorian & Edwardian China, Porcelain, Crystal & old glassware
- Beswick & Royal Doulton figures, both old collections
- Lovely collection of affordable fine jewellery approx. 40 lots
- Affordable old furniture made of selected Walnut, Mahogany & English Oak
- Victorian & earlier Cedar furniture

Info & pics up Tues 31<sup>st</sup> Oct.  
www.tuckerboxauctions.com.au  
Ph: John 0409 441 977

Join the social network  
for your suburb

nabo.com.au

Available on the App Store

Get it on Google Play

nabo

## Public Notices

### SANDIGO SOLAR FARM

ESCO Pacific Pty Ltd intends to develop a utility scale solar farm (up to 500MW) near Sandigo, approximately 20kms south of Narrandera, NSW. The project will involve the installation of solar panels arrays across an area of up to 1,000 hectares within the project area and a local connection to the NSW power grid.

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Aboriginal people or other parties who wish to register their interest in this consultation process are invited to respond in writing (including your name, organisation, address, contact details and phone number), to Cedric Berge by 8th November 2017.

All registered parties will be contacted to discuss the proposed project and any consultation opportunities to inform the Aboriginal Cultural Heritage Assessment.

Cedric Berge  
Level 4, 13 Cremorne St, Richmond, Vic 3121  
Cultural.heritage@escopacific.com.au

## Motor Vehicles



### BMW Sports Coupe 320i, 2005

Excellent condition  
142,000 KM reg-EB41A  
\$15,500 ono. Ph.  
0427 011 986.

## Positions Vacant

### Positions Vacant

- Busy Bistro in Griffith requires
- Qualified Chef or experienced Bistro Cook
- Wait Staff

Must be available to work various shifts (nights/days/weekends)

Please send resume to 364 Banna Ave  
Griffith 2680 or drop off in person.

## Positions Vacant



SunRice is one of the world's largest rice food companies and one of Australia's leading branded food exporters, supplying diverse, innovative and nutritious products to close to 60 countries around the globe.

SunRice is an iconic Australian company, with over 2,100 employees, 30 brands and 9 businesses. With an unrelenting focus on innovation and a commitment to our people, our communities and the environment, SunRice is a great place to work, providing a real opportunity for passionate people to **make a difference**.

**Do you have a current WorkCover Forklift licence?**

**If you do - then we want to hear from you!**

We are looking for enthusiastic and proactive people to join the team in the roles of Warehouse Operators and Production Forklift Operators.

#### Duties includes

- Promote and maintain a safe work environment for yourself, fellow employees and visitors
- Performing warehouse movements including but not limited to receiving of product, ensuring stock is accounted for, documented and stored in correct order
- Ensure all finished packed product is at the highest level
- Operation of a forklift in a safe and efficient manner

Experience in a manufacturing environment and understanding of Food Safety would be highly desirable.

For the ideal candidate this position provides extensive career opportunities and the ability to grow and develop their career with SunRice.

To apply jump on our website [www.sunrice.com.au](http://www.sunrice.com.au) and apply to job number 10181

All correspondence will be dealt with in strict confidence

SunRice is committed to creating a diverse environment and is proud to be an equal opportunity employer. SunRice will consider qualified applicants for employment based on their merit, individual skills, qualifications and other appropriate criteria relevant to the role for which they are applying.



**Sell your Wheels**  
— — — — —  
**for only \$5**  
— — — — —  
for up to 4 lines

\*Private sellers only

Connect with Classifieds

## Sales Representative (Industrial Products) FT

Our business is seeking an energetic sales representative to join our team working in Griffith. The suitable candidate with previous experience in marketing industrial products is an advantage.

Area: Griffith, NSW  
Ph: 0412442154  
Email: jeruchello@yahoo.com

**ALL OUR CLASSIFIEDS APPEAR ONLINE**



Fairfax Media

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ADD COLOUR TO YOUR AD



Fairfax Media



## 11.33 The Daily Advertiser: Monday 23rd &amp; Monday 30th

dailyadvertiser.com.au

Monday, October 23, 2017 THE DAILY ADVERTISER 17

# Connect with Classifieds

The Daily Advertiser

Phone: 1300 656 562

Email: riverinaclassifieds@fairfaxmedia.com.au

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## Motorcycles & Scooters

**HONDA CBF100 & CBF70**  
Honda, CBF100, 2007 model and Honda CBF70, 2006 model, excellent condition, good tyres, just serviced, \$1300 each.  
☎ 0428 410 800.

## Boats and Accessories

**Get Your Boat or JetSki Licence**  
Wagga  
Wednesday  
1<sup>st</sup> November at 5pm  
Call : 1300 889 321  
www.abccollege.com.au  
NSW Maritime Accredited  
**BOOK NOW**

## Public Notices

## Public Notices



**MTC A.G.M.**  
The Annual General Meeting of the Murrumbidgee Turf Club will be held in the Members Lounge at the racecourse on **Tuesday, 21st November, 2017, at 6pm.**  
Should any member wish to bring forward any motion to alter or repeal any rule or to add any new rule, he/she should give written notice to the Chief Executive prior to 4pm on Tuesday, 31st October, 2017.  
Scott Sanbrook,  
Chief Executive Officer  
PO Box 34, Wagga Wagga, 2650.  
Ph: 6821 2151.

## Livestock

**100 MERINO** wether lambs woolly, nicely grown, good conformation, handy to Wagga, \$77 incl GST.  
Phone: 0428 212 782.

## Positions Vacant

**MCCABE TRANSPORT**  
**DRIVERS REQUIRED**  
**HC & MC LICENCE**  
Tipping experience required  
To cart scrap metal country work to Sydney.  
☎ 0407 868 858  
☎ 4271 1697

**MERIMBULA BULLDOGS**  
Hugby League positions 2018 available with Merimbula Bulldogs. Email Club Pres Laurie, ldy@dragnet.com.au

## Positions Vacant

### FULL TIME PHARMACIST

Capital Chemist Temora has an exciting opportunity for a full time Pharmacist to join their professional team.

Would you like to get to the end of each day and know you have made a difference?

We are looking for a highly motivated, and energetic Pharmacist to continue fostering ongoing, nurturing relationships with its customers, based on sound healthcare advice and complete health care solutions.

The position will involve working between two pharmacies within Temora.

AHPRA registration is essential.

Please apply via SEEK or email to: mfc@uson@capitalchemist.com.au

### Welder/Fabricator

Full Time

Qualified and Apprentice

Experience in metal fabrication, MIG/TIG welding. Onsite work available.

**Wagga Stainless Steel**

0438 213 199

admin@wagga stainlesssteel.com.au

### Qualified Spray Painter

Graeme Hull Smash Repairs is looking for a Spray Painter to operate within our exciting facility in Young, NSW. A generous remuneration package for the right candidate. Forward resumes to admin@ghsyoung.com.au. Closes 3/11/17

Area: Young NSW

Ph: 02 6382 7909

Email: admin@ghsyoung.com.au

### Qualified Panel Beater

Graeme Hull Smash Repairs is looking for a Qualified Panel Beater to operate within our exciting facility in Young, NSW. A generous remuneration package for the right candidate. Please Send resumes to admin@ghsyoung.com.au. Applications close 3/11/17

Area: Young NSW

Ph: 02 6382 7909

Email: admin@ghsyoung.com.au

The Daily Advertiser

## Connect with Classifieds

### Place a Classifieds ad

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☎ riverinaclassifieds@fairfaxmedia.com.au  
☎ Save time, submit online 24/7  
advertiser.com.au

Print the online packages available throughout Australia

Ongoing business advertising self service enquiries: admadonline@fairfaxmedia.com.au

Email now available 📧

## Death Notices

### CASTLE, Frances Mary:

Passed away at Boree Creek, on Thursday, 12 October 2017. Late of Back Cemetery Rd Boree Creek. Beloved wife of Neil. Loving mother and mother in law of Kellie and Eddie. Cherished Grandmother of Jack.

Agod 72 years.

\*Resting peacefully in Gods care.\*

The relatives and friends of the late Frances Mary Castle are respectfully informed that a graveside service will be held on Thursday, 26 October 2017 at the Boree Creek Cemetery, commencing at 2.30 pm.

Flowers most welcome.



**Watkins Funeral Directors**  
Narandera 6959 2962  
Lecton 6953 3499

## Funeral Directors

**JOHN BANCOR & SON**  
Funeral Home

*Celebrating  
Lives*

**6925 4444**  
www.johnbancor.com.au



## SANDIGO SOLAR FARM

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Cedric Berge  
Level 4, 13 Cremorne St, Richmond, Vic 3121  
Cultural.heritage@escopacific.com.au

**PROMOTE  
YOUR  
BRAND  
ADD A  
LOGO  
TO  
YOUR AD**

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**Sell your Wheels**  
— — — — —  
**for only \$5**  
for up to 4 lines

\*With select only

Connect with **Classifieds**

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Let our unique **ValueMyCV** tool tell you what you should be earning. You might get a nice surprise.

Upload your CV to **Adzuna.com.au**

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Print and online packages available throughout Australia.  
Ongoing business advertising self service enquiries: adn@dailyadvertiser.com.au

Emoji now available 📱

## Death Notices

### EARSMAN

Kitty "Pauline"

A Service to Celebrate the Life of Pauline will be held in the Crematorium Chapel, 2 Brunskill Road, Wagga, Wagga, on Wednesday, 1st November 2017 commencing at 11.30am. Relatives and friends are respectfully invited to attend.

**DANIEL WOODS**  
FUNERAL CARE  
(02) 69218218  
Wagga, NSW

### PEACOCK Betty Lorraine

Peacefully at Calvary Hospital on Saturday 28th October 2017. Dearly loved wife of Frank (dec'd). Loving mother and mother in law of John & Tonya, Wayne & Cheryl and Sue and Jeff Tickner. Adored grandmother and great grandmother. Cherished sister and sister in law of Alan & Beverly Rolton, Peggy & Ron Peacock (both dec'd), Walter & Val Rolton (both dec'd) and Irene & Greg Hardie. Aged 85 Years.

"Together again...as it should be"

Funeral details to appear in tomorrow's edition of The Daily Advertiser.

**DANIEL WOODS**  
FUNERAL CARE  
(02) 69218218  
Wagga, NSW



## Funeral Notices

### BURGESS

Lee Ann

Relatives and friends are warmly invited to attend a Service to Celebrate Lee Ann's life to be held in the Inspire Church, Kooragang Road, Wagga Wagga on **Wednesday 1st November 2017** commencing at 1.30pm, after which a private cremation will take place.

**JOHN BANCE & SON**  
FUNERAL HOME  
*Celebrating Lives*  
www.johnbance.com.au

## Funeral Directors

**JOHN BANCE & SON**  
FUNERAL HOME  
*Celebrating Lives*  
6925 4444  
www.johnbance.com.au



## For Sale

### TYRE SPECIALS

175/65R14 \$69  
205/65R15 \$79  
205/65R16 \$95  
215/60R16 \$95  
235/45R17 \$110  
235/40R18 \$120  
185R14C \$79  
245/70R16 AT \$150  
**ABC TYRES**  
25 PEARSON ST  
Ph: 6925 5305

## Motor Vehicles



**BMW Sports Coupe 320i, 2005**  
Excellent condition, 142,000 KM reg-EB11A, \$15,500 ono. Ph: 0427 011 986.

### Boats and Accessories

### BOATING LICENCE

Wagga Wagga 15 Nov.  
1 limited places avail.  
Phone 0478 691 620

**Get Your Boat or JetSki Licence**  
Wagga  
Wednesday  
1st November at 5pm  
Call: 1300 888 321  
www.achnasailboats.com  
NSW Maritime Accredited  
**BOOK NOW**

## Public Notices

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Cedric Berge  
Level 4, 13 Cremorne St, Richmond, Vic 3121  
Cultural.heritage@escopacific.com.au

## Public Notices

### ROAD CLOSURE

**TUESDAY 31ST OCTOBER 2017**

**Forsyth Street**

**(Between Baylis St & Berry St)**

**Light pole maintenance**

**between the time 8:00pm - 4:00am**

**RIVERINA TRAFFIC SERVICES**

**PTY LTD WAGGA**

### The Carnival is Over!! Cloutys Amusements has been sold

We wish to thank all our supportive community and friends. We have had so much pleasure in giving young children and families happiness and to see your smiling faces throughout the 45 years.

"The memories we will hold forever"  
Special thanks to The Daily Advertiser for their support over the years.  
**Geoff & Val**

## Positions Vacant



### SALES/ADMINISTRATION POSITION:

A great opportunity exists for a highly motivated person to join our team, catering to the local building industry. Ideally the person we are seeking should possess the following skills and attributes.

- Good communication and organizational skills
- Strong work ethic - decision making ability
- Tidy appearance
- Able to work in a team environment
- Drivers Licence
- Fork licence an advantage (or willing to obtain)
- Computer skills an advantage (working with MYOB)

**Job Roll would involve:**

- Logistics Management
- Involvement in Internal and External Sales (ongoing training involved)
- Computer and general office duties
- Flexible work hours an option

Please submit a covering letter, along with your CV to **Peter Sedunary: peter@waggaibricks.com.au**

Application close 13th November, 2017.

Sell it for a river!

## Sell your Wheels

for only \$5

for up to 4 lines

Traders only

## Connect with Classifieds



## 11.34 The Riverine Grazier: Wednesday 25th and Wednesday 1st Nov

Wednesday October 25, 2017

The Riverine Grazier - 13

## Riverine Grazier Classifieds

Phone (02) 6993 1002  
Fax (02) 6993 1386  
Email: advertising@thegrazier.com.au

## FOR SALE

**2007 MAZDA BT50 4X4** twin cab, second owner, tub, tow pack, bull bar, cruise control, air conditioned, 6 stack CD player, regularly serviced, tyres 80%, air hags recently replaced after recall. Registered to 08/2018. 265,000km, \$11,000 ono. Phone (0418) 161 824 for more information. Located Hay.

**CEREAL HAY** oats, wheaten rye, new season, just cut. \$120 per tonne. Call Craig 0408 505 479.

**STOCK FEED** barley and oats at Deniliquin \$150 per tonne. Phone (0409) 983 629.

**AVAN CRUISELINER** caravan 2005. Very good condition \$16,000. Two spare tyres, two gas cylinders, three-way fridge, air con, solar panel, large front storage compartment, electric water pump, two berth. Registered to March 2018. Phone 6993 8190 after 7pm.

## CHURCH NOTICES

**UNITING UCA**  
Sundays at 150 Lachlan Street.  
Services - 10 am English & 5.30 pm Fijian/English.  
General info 0428 932 161 SMS and Notice board.

**ANGELICAN CHURCH**  
9am morning prayer Sunday October 29.

**HAY CRC** 2nd and 4th Sunday of every month. 5pm at the RSL Meeting Room. Contact Ingrid Jackson 0432 949 683 or Trevor Murphy 0428 591 332.

## PUBLIC NOTICES

**SANDBLASTING AVAILABLE** at Motormatics. 6993 4458.

**GME UHF** authorised dealer. Full range in stock. Motormatics 6993 4458.

**SEWING MACHINE** repairs mechanic will be in Hay this week from October 29 to November 2 for service and repairs to machines and overlockers. Enquiries phone Nick 0411 208 041.

**CHRIS MCCLELLAND** Gallery closed Friday October 27. Re-open Tuesday October 31. Enquiries 0427 873 122.

**ANNUAL JUNIOR** tennis competition commences this Friday for all ages - register at courts by 6pm. Play finishes about 7.30.

**CAN ASSIST** Rally 2 cars withdrawn, if you are interested in participating, contact Crightons ASAP.

**HAY TENNIS** Club calendar, birthdays, anniversaries, meetings. \$1 - entries close November 17. Entries to Hay Visitor Centre or Tennis Club house.

## WANTED TO BUY

**OLD FURNITURE**, household and shed items. From antiques to 1970s items. That Retro Shop - Now visiting Hay. Phone Rebecca 0400 327 696.

## HAY HEALTH AND FITNESS

## ANNUAL GENERAL MEETING

Saturday October 28, 5.30pm at Hay Services Club.  
All welcome

## POSITION VACANT

Haydays Retirement Hostel are seeking a **CLERICAL & ADMINISTRATIVE EMPLOYEE** TEMPORARY POSITION - SIX MONTHS  
The position is for 16 hours per fortnight and to cover Annual Leave.

## Essential:

- Formal Business Management/Accounting qualifications
- Previous Administrative experience
- Computer skills
- Knowledge of Banking procedures.
- Information Handling
- Current National Police Check.
- A current drivers licence

For position description and application forms please contact the Hostel Manager  
02 6993 1680 or manager@hayseniorcity.com  
Applications close of business 4.30pm November 2, 2017.

## WANTED TO RENT

**WANTED TO RENT**  
4-5 bedroom house with shed. Contact Claudia 02 6753 5115 or 0488 441 259.

## FOR SALE

**ACCO TRUCK** for sale. V1 190 Cummins V8 diesel. GMV 21.9. GCM 25.4. Tray 25' X 8'. Lazy axle. Located at Hay. \$7000 ono. Phone 0427 934 807.

## PUBLIC NOTICE

**BIG SPRINGS**  
Natural Water - local stockist Engine Hub, 68 Lachlan Street. 6993 1296.

## DEATH &amp; FUNERAL NOTICE

**SHEIL, DOT PAISY**  
19.3.1932

Passed away peacefully 19.8.2017

Mother of Patricia and Walter.

Will be sadly missed.

Family and friends are invited to St Fergal's Church, Friday November 3, 2017, 10am, to celebrate her life.

**ETHEL MAY HARVEY**  
Passed away October 22, 2017  
Aged 94 years

Loved wife of Joseph Barry Harvey (dec)

Wonderful Mother, Grandmother and

Great Grandmother of

Roslyn, David, Brenda, and families.

A graveside service will be held at the

Hay Lawn Cemetery

At 11am Friday October 27.

Rest in peace Mum

Funeral arrangements are in the care of  
Anthony and Denise Hyde - Hay Funerals.

## Hay Lions Football Netball Club

## ANNUAL GENERAL MEETING

Tuesday 21st  
November at 6pm  
@ Lions Clubrooms  
Everyone Welcome



## Hay Shire Council

## EXTRAORDINARY MEETING OF COUNCIL

Notice is hereby given that an Extraordinary Meeting of Hay Shire Council will be held on Monday 30 October 2017, commencing at 9.30am in the Council Chambers, 134 Lachlan Street, Hay.



## Public Exhibition

At its ordinary meeting held on 19 October 2017, Council resolved to place the following items on public exhibition:

- Draft Code of Meeting Practice
  - Draft Councilor Expenses and Facilities Policy
- Both items are on exhibition from Monday, 23 October to Monday, 20 November 2017. Both policies are available from Council's website at [www.edwardriver.nsw.gov.au](http://www.edwardriver.nsw.gov.au). Printed copies of the policies are available for inspection from Council's Customer Service Centre at 180 Cressy Street, Deniliquin.

## Australia Day Committee

Nominations are currently invited for two (2) Community Representatives to join Edward River Council's Australia Day Committee. Nomination forms and a copy of the Australia Day Committee Charter are available from Council's website or Customer Service Centre. Nominations must be submitted to Council by Friday, 3 November 2017.

Further information is available from Council's website at [www.edwardriver.nsw.gov.au](http://www.edwardriver.nsw.gov.au). Please direct enquiries to Council's Customer Service Centre on 03 5888 3000 or via email at [council@edwardriver.nsw.gov.au](mailto:council@edwardriver.nsw.gov.au).

Adam McSwain  
General Manager

## THANK YOU

**Greg (Ocker) Moorhouse**  
26.10.1950 - 06.09.2017

The family of the late Greg (Ocker) Moorhouse would like to extend our sincere gratitude to our family, relatives and friends for their love and support shown to us at this most difficult time. Our heartfelt thanks to all that send flowers, cards, food and kind words.

A special thank you to Dr Dodd and the staff of The Pioneer Lodge for their care and dedication shown to Greg during his illness. Your kindness, support and generosity was a great comfort to us and will never be forgotten.

Please accept this as our personal thank you.  
Joyce, Erin and Roxanne and Tom.

## CASE

Annual General Meeting  
Wednesday November 1, 7pm  
at 420 Macauley Street.

## WATERVALLEY PTY LTD

## STATION HAND

Large farming enterprise requires a Station Hand in the Hay region NSW

Previous experience with animal husbandry, machinery, fencing and general farm duties is essential.

Must hold current driver's licence.

Enquiries to Kym Lehmann 0427 251 071

Email resumes to: [finance@watervalley.com.au](mailto:finance@watervalley.com.au)

Applications close 10 November 2017

PUBLIC NOTICE  
SANDIGO SOLAR FARM

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Cedric Berge  
Level 4, 13 Cremorne St, Richmond, Vic 3121  
[Cultural.heritage@escopacific.com.au](mailto:Cultural.heritage@escopacific.com.au)

**MACKER'S MEATS**  
WEEKLY SPECIALS  
Legs of lamb - \$9.99/kg  
Chicken Kiev - \$11.99/kg  
Gourmet beef schnitzel - \$14.99/kg  
BULK SPECIALS AVAILABLE  
Phone: 6993 1099



# Riverine Grazier

Phone (02) 6993 1002  
Fax (02) 6993 1386  
Email: [advertising@thegra-](mailto:advertising@thegra-)

## FOR SALE

**AS NEW** Subaru XV wagon, 1,700 kms. Reg February 2017, Grey, \$30,000. Well below new price. Contact Bob 6993 1753 or 0428 931 753.

**STOCK FEED** barley and oats at Deniliquin \$150 per tonne. Phone 0409 983 629.

**AVAN CRUISELINER** caravan 2005. Very good condition \$16,000. Two spare tyres, two gas cylinders, three way fridge, air con, solar panel, large front storage compartment, electric water pump, two berth. Registered to March 2018. Phone 6993 8190 after 7pm.

**ACCO TRUCK** for sale. VT 190 Cummins V8 diesel. GMV 21.9. GCM 25.4. Tray 25' X 8'. Lazy axle. Located at Hay. \$7000 ono. Phone 0427 954 807.

**2007 MAZDA BT50 4X4** twin cab, second owner, tub, tow pack, bull bar, cruise control, air conditioned, 6 stack CD player, regularly serviced, tyres 80%, air bags recently replaced after recall. Registered to 08/2018. 265,000km, \$11,000 ono. Phone 0418 161 824 for more information. Located Hay NSW.

**CEREAL HAY** oats, wheat, rye, new season, just cut. \$120 per tonne. Call Craig 0408 505 479.

## PUBLIC NOTICES

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**GAME UNIT** authorised dealer. Full range in stock. Motormatics 6993 4458.

**HAY TENNIS** Club calendar, birthdays, anniversaries, meetings. \$1 - entries close November 17. Entries to Hay Visitor Centre or Tennis Club house.

**HAY RODEO** Club meeting 4pm November 5, at South Hay Hotel.

**RSL MONTHLY** meeting at the RSL rooms on Friday November 3, 4pm. All welcome.

**HAY GOLF CLUB** presentation Saturday November 11, 7pm at the Golf Club. \$35 per head to Heather Jackson by November 6. Courtesy bus available.



### Riverina Local Land Services

#### 1080 Rabbit Baiting

Riverina Local Land Services wishes to advise the public that a 1080 baiting program for rabbits will be conducted from Monday 12 until Monday 27 November 2017.

Baiting will commence 12 November on McKinlay Rd Traveling Stock Reserve, Sturt Highway Traveling Stock Reserve and B4 Bri Lank Stock Route within the Hay district. Poisoned baits will contain Sodium Fluoroacetate (1080).

Landholders, neighbours and visitors are warned not to enter baiting locations with domestic pets and to tie up dogs; non-target animals such as domestic cats and dogs may be affected. Working dogs should be muzzled while working stock and restrained during non-working periods during and after the poisoning period.

For more information: James Gillespie, Riverina Local Land Services 0419 840 160.

## CASE

Annual General Meeting  
Wednesday November 1, 7pm  
at 420 Macauley Street.

### Hay Senior Citizens Association Incorporated

#### ANNUAL GENERAL MEETING

NOVEMBER 13, 2017

6PM at HAYDAYS RETIREMENT HOSTEL

**MACKER'S MEATS**  
WEEKLY SPECIALS  
**BARBECUE WEEK**  
**AT MACKER'S**  
Hamburgers \$8.99  
Flavoured sausages \$7.99/kg  
Sandwich steak \$14.99/kg  
**BULK SPECIALS AVAILABLE**  
Phone: 6993 1099

## CHURCH NOTICES

**UNITING UCA**  
Sundays at 150 Lachlan Street. Services - 10 am English & 5.30 pm Pijin/English. General info 0428 932 161 SMS and Notice board.

**ANGLICAN CHURCH**  
9am morning prayer. All welcome to attend.

**HAY CRC** 2nd and 4th Sunday of every month. 5pm at the RSL Meeting Room. Contact Ingrid Jackson 0432 949 683 or Trevor Murphy 0428 591 332.

### BIG SPRINGS NATURAL WATER

Contact Michael McColl 0437 215 175

Local stockist Engine Hub 68 Lachlan Street 6993 1296



## Shear Outback

Annual General Meeting  
Thursday 23rd November 2017  
5.30pm at Shear Outback



### STATION HAND

Large farming enterprise requires a Station Hand in the Hay region NSW

Previous experience with animal husbandry, machinery, fencing and general farm duties is essential.

Must hold current driver's licence.

Enquiries to Kym Lehmann 0427 251 071

Email resumes to: [finance@watervalley.com.au](mailto:finance@watervalley.com.au)

Applications close 10 November 2017

### St Fergal's Catholic Parish Quotation Reverse Cycle Air Conditioning

**Specifications:**

- Remove existing evaporative coolers and electric heaters and make good penetration to building.
- Supply and install 4 x 10KW Highwall splits that ramp up to 13 KW each and one console 6 KW behind the altar, giving a total of 60 KW with confessional having an air transfer kit.
- All units to be controlled by one wired controller located in the Church.
- Outdoor unit to be located on wall bracket with all pipework to be covered.

To arrange inspection please call 6993 1023  
All written quotes should be received by the Parish Priest, PO Box 51, Hay NSW 2711 by 5pm, December, 2017.



### NOTICE OF

#### annual general meeting

SUNDAY 12 NOVEMBER,  
1PM AT SOUTH HAY HOTEL

Agenda items and apologies can be emailed to the Secretary at [cattlyn.jubb@bigpond.com](mailto:cattlyn.jubb@bigpond.com). A light BBQ lunch will be served from 12.30pm. All players, supporters and members of the public welcome.



### Health Far West Local Health District

For more information about a career in the Far West, please visit our Careers Lifestyle Website at [www.farwesthealthjobs.com.au](http://www.farwesthealthjobs.com.au)

#### PATIENT SERVICES

##### Balranald

**Care Service Employee**  
PPT Salary: \$23.85 ph, Recruitment No: 425/84. Enquiries: Jane Bailey (02) 5671 9800 or [jane.bailey@health.nsw.gov.au](mailto:jane.bailey@health.nsw.gov.au). Close: 12/11/17.

For Application Kit or to apply online please go to <http://nswhealth.recruit.com.au>

We are committed to Equal Employment Opportunity. We value diversity, the principles of cultural diversity and promote a smoke-free environment. Appropriate criminal record and child protection checks completed on all positions. All employees (except casuals) are eligible for salary package.

## DEATH NOTICE

### Michael Ernest Callanan

passed away peacefully at Hay Hospital on October 30, aged 70.

Loving husband of wife Kate and loving father of Rebecca, Dale, Brett and Sam. Loving pop to his grandchildren.

### DEPARTMENT OF INDUSTRY - CROWN LANDS AND WATER DIVISION (formerly DPI Water) WESTERN MURRAY POROUS ROCK GROUNDWATER SOURCE

An application for a bore has been received from CRISTAL MINING AUSTRALIA PTY LTD for dust suppression purposes on Lot 1 DP1198331.

Objections to the granting of this approval must be registered in writing to PO Box 205, Deniliquin NSW 2710 within 28 days of this notice (A011228).

The objection must include your name and address and specify the grounds of objection. Any queries please call 03 5898 3939, Jane Taylor.



### Office of Environment & Heritage

#### National Parks and Wildlife Service aerial shooting operation

The Office of Environment and Heritage (OEH) National Parks and Wildlife Service (NPWS) is planning to undertake an aerial shoot operation targeting feral animals within the following NPWS managed reserves:

- Lachlan Valley State Conservation Area (LVSCA) - Boodigal Station - Friday 27 October to Thursday 2 November 2017
- Yanga National Park and State Conservation Area - Friday 27 October to Thursday 2 November 2017
- DPI-W, Nimmie Cairn - Wednesday 1 November to Saturday 4 November 2017

Some visitor areas may be closed to the public for the periods indicated. The NPWS website will advertise all the local park closures: [www.nationalparks.nsw.gov.au/alerts/alerts-list](http://www.nationalparks.nsw.gov.au/alerts/alerts-list)

For more information: please call South West Area Manager, Mr Daniel Basham on (03) 5483 9102

## PUBLIC NOTICE SANDIGO SOLAR FARM

ESCO Pacific Pty Ltd intends to develop a utility scale solar farm (up to 550MW) near Sandigo, approximately 20kms south of Narrandera, NSW. The project will involve the installation of solar panels arrays across an area of up to 1,000 hectares within the project area and a local connection to the NSW power grid.

Aboriginal People or other parties who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) within the vicinity of the Sandigo project area are invited to participate in consultation with ESCO Pacific Pty Ltd regarding the proposed project. The consultation is to enable assessment of Aboriginal cultural heritage associated with the project area.

Aboriginal people or other parties who wish to register their interest in this consultation process are invited to respond in writing (including your name, organisation, address, contact details and phone number) to Cedric Berge by 8th November 2017.

All registered parties will be contacted to discuss the proposed project and any consultation opportunities to inform the Aboriginal Cultural Heritage Assessment

Cedric Berge  
Level 4, 13 Cremorne St, Richmond, Vic 3121  
[Cultural.heritage@escopacific.com.au](mailto:Cultural.heritage@escopacific.com.au)



## 11.35 The Southern Riverina: Wednesday 25th and Wednesday 1st Nov

PAGE 16—'Southern Riverina News', Wednesday, October 25, 2017

localclassies



# localclassies

Classified advertising, it works — one easy call

**1300 660 886**  
Email: [advertise@localclassies.com.au](mailto:advertise@localclassies.com.au)  
Fax: 1300 714 453

## CLASSIFIED INFORMATION

For your convenience the Southern Riverina News provides a centralised Classified booking service known as localclassies. If you would prefer dealing in person with one of our staff when placing a classified advertisement you are welcome to do so at our Finley office.

localclassies may be contacted as follows  
Phone: 1300 660 886  
Fax: 1300 714 453

Email: [advertise@localclassies.com.au](mailto:advertise@localclassies.com.au)  
Postal: PO Box 204, Shepparton, 3632

Office: Melbourne Road, Kialla.

localclassies office hours

Our phone lines are open from:

Monday to Friday 8.30am to 5.30pm

Our Shepparton office is open from:

Monday to Friday 8.30am to 5pm

Southern Riverina News office hours:

Monday to Friday 9am to 5pm

Classified Deadline

Line Ads: 10am Tuesday.

Semi Ads: 10am Tuesday.

Payment

Payment for classified advertisements can be made over the phone using credit card or in person at the Southern Riverina News office:

17 Pinnauck Street, Finley, NSW, 2713.

Phone: (03) 5883 1033

For your convenience we accept Visa or MasterCard. Prepayment is required prior to publication. 30 day accounts are available to registered businesses upon credit approval.

**Births / Birth Congratulations**

Family members may place notices with the parents' consent.

**Engagements**

Family members may place notices with the couple or their parents' consent.

**Packages**

When booking a package, please note that the full cost of the advertisement will be charged on the first edition. Therefore we are unable to offer refunds on any portion of packages once the advertisement has begun running.

**Please check your advertisement**

It is important to check that your advertisement is correct on the first day it appears. While every care is taken to ensure your advertisement is correct, errors can occur. If this happens to you, please contact us the first day your advertisement appears and we will be happy to correct it as soon as we can. Credits will only be issued for the first appearance date, and no further credits shall be issued for consecutive advertisements.

**Conditions of Advertising**

All advertisements are subject to the approval of the Southern Riverina News. Southern Riverina News may refuse to accept or publish any advertisement.

The Southern Riverina News may omit or alter any advertisement's content, size, form, position and placement without prior notice. To the extent permitted by law, Southern Riverina News accepts no liability for any intentional or accidental omission or modification.

Southern Riverina News gives no guarantee regarding the positioning of advertisements and credits will NOT be given for advertisements appearing out of alphabetical sequence.

Southern Riverina News accepts no responsibility for the content of any advertisement.

**Copyright**

Southern Riverina News Pty Ltd, the publisher of the Southern Riverina News is the owner of the copyright in all advertisements (including artwork) prepared by the servants and/or agents of the newspaper on behalf of its advertisers.

Neither the newspaper's advertisers nor any person on their behalf are authorised to publish, reproduce or copy in any manner, any of the said advertisements (including artwork) without the prior written licence of the paper.

**Privacy Policy**

Our Privacy Policy includes important information about our collection, use and disclosure of your personal information. The personal information we request from you enables us to provide you with the services you require. Our Privacy Policy also makes clear the ways in which you can access your personal information and how you can make a complaint if you believe a breach of the Australia Privacy Principles has occurred. Our Privacy Policy can be viewed at [www.srnng.com.au](http://www.srnng.com.au)

## BIRTHDAYS



**HAPPY 60TH BIRTHDAY MARK**

- Love from Lisa, Eliza, Emily and Lachie. xxxxxx

## DEATHS

**BARON, Alan.**  
Who was deeply saddened by the death of our friend and valued work colleague, Alan Baron.

Our deepest sympathy is extended to Carolyn, Justin, Keith, Chloe, and their families.

- From all at David Walsh Gas.

**BRANNICK, Peter.**  
19.11.1922 - 20.10.2017.

Passed away peacefully at Tumucwal Hospital, aged 94 years.

Loved and loving husband of Pat (dec). Much loved father of Terry (dec), Jan, Colleen, Kathy and all their families.

Respected Wife Mum and Terry

remember loved ones... localclassies 1300 660 886

## DEATHS

**TYNDALL, Rosemary.**  
11.11.1924 - 20.10.2017.  
Peacefully at Finley Hospital.

Loved Mum of Helen, Mum in law of Ross, Gran of Nicole, Michael, Geoffrey and families.

Together Again With Dad - And Lennie.

A gentle nature, A heart of gold. These are the memories. We will hold.

A Funeral Service will be held at the Catholic Church, Deniliquin on Monday, October 30, 2017 at 1 pm.

## FUNERALS

**BRANNICK.**  
Requiem Mass for the repose of the soul of Mr Peter Brannick will be offered at St Peter's Catholic Church, Charlie Street, Tumucwal, Thursday, October 26, 2017, commencing at 1 pm.

The Funeral will leave at the conclusion of Mass for burial at the Tumucwal General Cemetery.

**HUTSON & TUTTLE**  
Funeral Directors  
Tumucwal 1800 622 482  
Bertala 3792 2161  
Member AFDA

## CHURCH SERVICES

**ANGELICAN PARISH OF TUMUCWAL/FINLEY/JERILDERIE**

**Sunday Services**  
Tumucwal: 8.30 am.  
Finley: 10 am.

**Jerilderie:** 5 pm.  
Third Sunday, 10 am only.  
Priest: Stephen Davis  
0429 845 525  
(03) 5883 1262

**ANGELICAN PARISH OF MULLALAH-BERRIGAN AND OAKLANDS**

**1st Sunday**  
Oaklands: 9 am.  
Berrigan: 11 am.

**2nd, 3rd, 4th Sunday**  
Mullala: 9 am.  
Berrigan: 11 am.

**Saturday before 1st Sunday**  
Mullala: 6 pm.  
Moral to follow.

**CATHOLIC PARISH JERRILDERIE**

**Saturday:**  
8 pm - Every 1st, 3rd and 5th weekend.

**Sunday:**  
10.30 am - Every 2nd and 4th weekend.

**CATHOLIC PARISH TUMUCWAL**

**Saturday Vigil:** 5.30 pm  
Sunday: 8.30 am

**CATHOLIC PARISH FINLEY**

**Saturday Vigil:** 7 pm  
Sunday Mass: 10.15 am

**RIVER OF LIFE CRC**  
16 Denison St Finley.  
Pentecostal Service  
Sunday: 10.30 am.  
Worship Service  
Enquiries to  
Pastor Val Head  
0418 207 429

**FINLEY COMMUNITY CHURCH**

**Every Sunday**  
Finley High School Multi Purpose Room  
10 am

Mick and Nicki Wane  
0421 468 010

## CHURCH SERVICES

**THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS**

Mosks Sundays, 10 am, at 48 Osborne St, Finley.

**Family History Centre open to public:**

**Monday:**  
10 am - 12 pm

**Thursday:**  
10 am - 12 pm  
or by appointment.

**Free Service to the Community**  
Ph (03) 5883 1335.  
Pres: Aaron Taylor  
0428 768 665.

**PRESBYTERIAN CHURCH SERVICES**

**Berrigan:** 1st and 3rd Sunday 9 am.

**Tumucwal:** 2nd and 4th Sunday 9 am.

**Finley:** 11 am, 7 pm.

Midweek activities for young people and adults.

Enquiries to C Monamy  
Phone (03) 5881 2476  
[www.presbyterian-tb.com.au](http://www.presbyterian-tb.com.au)

**BERRIGAN UNITING CHURCH**

**Berrigan:**  
Every Sunday 11 am

**Oaklands:**  
4th Sunday 9 am

**Savemake:**  
1st / 3rd Sundays 9 am

Phone (03) 5885 2384; (03) 5885 6521; (03) 5885 2512

**UCLA SOUTHERN NEWELL CONGREGATION TUMUCWAL, FINLEY, JERRILDERIE**

**Finley:** 11 am

**Tumucwal:** 9 am

**Jerilderie:** 9.30 am

Enquiries:  
Myra Connell  
(03) 5883 2788  
Elaine Anderson  
(03) 5883 4043.

## TO LET

## VERY LARGE

2 B/V, fully furnished unit with built in wardrobes, air cond, stove, fridge and washing machine, close to supermarket, undercover parking, \$110 p/w. Phone (03) 5883 1211.

## SERVICES

**DO YOU NEED A CLEANER/CARER?**

Min 3 hours. Efficient, caring and experienced. Earth friendly, \$30 per hour. Phone 0427 212 012.

**Call today to place your CLASSIES AD...**

**PHONE: 1300 660 886**

**localclassies**

## MEETINGS

**Central Coree Community Centre**

**A.G.M.**  
Monday, November 13, 2017  
7.30 pm.

All Welcome

**Tumucwal Public School P & C**

**Annual General Meeting**  
Wednesday, November 8, 7.00 pm

In the school library

All welcome

**Jerilderie Football Club**

**Annual General Meeting**  
Tuesday, 21st October 2017  
at 7pm at Club rooms  
with all positions available

**Finley Amateur Dramatic & Music Society**

**Annual General Meeting**  
To be held at the Finley RS Club on Wednesday November 8, 7.30 pm.

Main item for discussion: 27's production.

All welcome

Any enquiries to:  
Rose Whitaker  
0419 649 508.

**PHONE: 1300 660 886**  
localclassies

## PUBLIC NOTICES

## NOTICE OF MEETING

**THE RICE MARKETING BOARD FOR THE STATE OF NEW SOUTH WALES**

Notice is hereby given that the Rice Marketing Board for the State of New South Wales will be holding its Annual Meeting in the Function Room, Heritage Motor Inn, Leeton on Wednesday 22 November 2017, commencing at 6pm. Refreshments will be provided prior to the meeting at 5.30pm.

All rice growers are invited to attend.

Carol Chiswell  
BOARD SECRETARY

**Sandigo Solar Farm**

ESCO Pacific Pty Ltd intends to develop a utility scale solar farm (up to 550MW) near Sandigo, approximately 20kms south of Narrandera, NSW.

The project will involve the installation of solar panels arrays across an area of up to 1,000 hectares within the project area and a local connection to the NSW power grid.

Aboriginal People or other parties who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) within the vicinity of the Sandigo project area are invited to participate in consultation with ESCO Pacific Pty Ltd regarding the proposed project. The consultation is to enable assessment of Aboriginal cultural heritage associated with the project area.

Aboriginal people or other parties who wish to register their interest in this consultation process are invited to respond in writing (including your name, organisation, address, contact details and phone number) to Cedric Berge by 8th November 2017.

All registered parties will be contacted to discuss the proposed project and any consultation opportunities to inform the Aboriginal Cultural Heritage Assessment.

**Cedric Berge Level 4,  
13 Cremorne St, Richmond, VIC 3121**  
[Cultural.heritage@escopacific.com.au](mailto:Cultural.heritage@escopacific.com.au)

**1300 660 886** localclassies

## FUNERALS

For personal dignified service contact



Laurie Walsh 03 5883 1063  
Aileen Phelan 03 5874 3967

**BERRIQUIN FUNERALS**

remember loved ones... localclassies 1300 660 886



**SITUATIONS VACANT**

**TOCUMWAL LIONS COMMUNITY HOSTEL**

**A position exists for a Kitchen Assistant/Cook within our aged care facility**

This position will be casual to begin with but could work into permanent part time. There is shift work and weekend work involved. A current food handlers certificate would be beneficial.

A current Police check is essential. Applications should be addressed to: Lyn Morrey (Manager)

TOCUMWAL LIONS COMMUNITY HOSTEL  
PO Box 260, Tocumwal NSW 2714  
lyn.morrey@tocumwal.com.au  
Enquiries to 5874 3650

**Turf Management Apprenticeship**

An opportunity exists for a positive, energetic individual to join the staff at the Tocumwal Golf & Bowls Club.

Available for immediate start, the position involves maintaining our 36 hole Golf Course. The apprenticeship is for a four year period which consists of both on site and off site TAFE training.

The successful applicant will possess a team orientated approach, a willingness to learn, and a strong work ethic. A supportive environment and excellent conditions await the right person.

Tocumwal Golf & Bowls Club currently enjoys enviable reputation as one of the must play courses in the Murray River and benefits from busy trade and a bright future.

Wages are paid in accordance with the Registered & Licensed Clubs Award 2010.

**Send applications to:** Ben Lucas  
Course Superintendent  
Tocumwal Golf & Bowls Club  
PO Box 93, Tocumwal NSW 2714  
**Email to:** course@tocumwalgolf.com  
Applications close at 5pm, Wednesday November 8th 2017

**TOCUMWAL GOLF & BOWLS CLUB**

**REGIONAL NFP ORGANISATION SEEKS NEW MEMBERS FOR BOARD OF MANAGEMENT**

South West Music is a regional not-for-profit based in Deniliquin. New members are sought for the Board of Management of this dynamic and expanding program.

South West Music's mission is to promote and foster the playing, learning, appreciation and availability of music throughout South Western NSW. The Board Members and the Director work together to steer the organisation towards this mission.

**Skills required:**

- Knowledge of governance issues
- Budgetary experience
- Internet and media experience
- Project management
- Funding and grant applications
- Community knowledge and networking

A position on the South West Music Board of Management will enable you to contribute to decisions that affect your local community.

Our Board embraces diversity of membership to reflect the diversity of the communities we work in.

For further information and Expression of Interest Forms please contact:

**Stephanie Robinson, Secretary, SWM Regional Conservatorium, PO Box 887 Deniliquin 2710**  
Expression of Interest Forms are also available at our office 162 Harding St.

**Phone:** 5881 4736  
**Email:** admin@swmusic.org.au  
**www.swmusic.org.au**

NSW Education

**1300 660 886 localclassics**

**SITUATIONS VACANT**

**TOCUMWAL HOT BAKE**  
is after a **Baker**  
with early cooking skills.  
Monday - Friday,  
5am - 11am.  
Occasional weekends  
and public holidays.  
Must be able to  
work independently.  
NSW award rates.  
3rd or 4th year apprentice  
may apply.  
Please send resumes to:  
chrisblachford@holmail.com  
or phone 0427 385 308.

**LOOKING?**  
Phone localclassics  
to find out about  
employment rates  
and packages.

PHONE  
**1300 660 886**  
**localclassics**

**SITUATIONS VACANT**

**Sporties Baroo**

**APPRENTICE GREENKEEPER**

The Baroo Sports Club is seeking applications for a first year Apprentice Greenkeeper to assist in the management of our 36-hole golf course, two sports fields and surrounds.

**The successful applicant should possess the following:**

- An enthusiastic attitude.
- Strong work ethic.
- Interest in golf / outdoor work.
- An ongoing Commitment to the successful completion of the apprenticeship including the education component which includes attending TAFE in Wodonga.

**Email application to**  
**Matt.McLeod@sporties.com.au**  
Applications close  
**Friday 3rd November**

**BAXTER TRANSPORT ADMINISTRATION POSITION - FULL TIME**

Person required 'an interesting and challenging role with our Transport Administration team based just north of Berrigan.

This role requires very good communication skills, the ability to accurately input data into our systems and financial programs and a willingness to perform general office duties as a team player.

**Essential Qualifications**

- Sound knowledge of the Microsoft Office Suite
- Previous experience in an Office Administration role
- Knowledge of Quicken (or similar) with experience in payroll, invoicing and accounts payable

**Desired Qualifications**

- Advanced knowledge of MS Excel and MS Access
- Knowledge of quality procedures, compliance, auditing, WHS and COE
- Qualifications in Business Administration or other formal Accounting or Banking Training

Attractive salary package commensurate with qualifications including assistance with travel. Opportunities exist to advance within our national and Logistics teams.

**Email applications close 10.11.2017**  
**kel@kelbaxter.com.au**  
**www.baxtertransport.com.au**

**MEETINGS**

**Central Coree Community Centre**

**A.G.M.**

Monday,  
November 13, 2017  
7.30 pm.

All Welcome

**Finley Amateur Dramatic & Music Society**

**Annual General Meeting**

To be held at the  
Finley RS Club  
on Wednesday  
November 8, 7.30 pm.

Main item for discussion  
2018 production.

All welcome

Any enquiries to  
Ross Whittaker  
0419 619 508.

**1300 660 886**  
**localclassics**

**MEETINGS**

**Finley Show Society Inc.**

**Annual General Meeting**

Wednesday,  
November 22 at 8 am.

At the Finley RS Club.

**PUBLIC NOTICES**

**WATERNSW**  
**LOWER MURRAY GROUNDWATER SOURCE**

An application for a WATER SUPPLY WORKS APPROVAL has been received from:

**STUART HENRY TUCK** for a bore on Lot 1 DP612286, Parish Tocumwal, County Denison for the purpose of irrigation. (A11311).

Objections to granting of this approval must be registered in writing to WaterNSW, PO Box 453, Deniliquin NSW 2710 or email customerhelpdesk@water.nsw.gov.au, within 28 days of this notice. The objection must include your name, address and specify the grounds of objection. Any queries please call 1300 662 077 or email the above. Rob Monteith, Manager Water Regulation South.

**Sandigo Solar Farm**

ESCO Pacific Pty Ltd intends to develop a utility scale solar farm (up to 550MW) near Sandigo, approximately 20kms south of Narrandera, NSW.

The project will involve the installation of solar panels arrays across an area of up to 1,000 hectares within the project area and a local connection to the NSW power grid.

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Aboriginal people or other parties who wish to register their interest in this consultation process are invited to respond in writing (including your name, organisation, address, contact details and phone number) to Cedric Berge by 8th November 2017.

All registered parties will be contacted to discuss the proposed project and any consultation opportunities to inform the Aboriginal Cultural Heritage Assessment.

**Cedric Berge Level 4,  
13 Cremorne St, Richmond, VIC 3121**  
Cultural.heritage@escopacific.com.au

**Coming Events**

**Advertisers Please note:**  
A charge of \$5.50 per listing, applies to events listed within this space if the event is to be held within a three month period. A charge of \$11.00 per listing applies if the event is to be held within a six month period. Items will be printed every issue until the event is held.

**All Coming Events listings are required to be prepaid at the time of the booking.**

**Friday, November 17**  
Retreat Hall Committee Old Time Dance.

**Saturday, November 18**  
Finley Show Society Rose Show.

**Friday, December 15**  
Retreat Hall Committee Family Dance.

**Wednesday, December 20**  
Xmas Xtravaganza and Carols by Candlelight, Railway Park 6.30pm - 9.30pm.

**Sunday, December, 31**  
Retreat Hall Committee NYE Dances.

**Southern Riverina News**

**Looking for staff...?**  
**1300 252 774 localclassics**

**PUBLIC NOTICES**

**GREG PYLE INSURANCE**  
Is still trading  
**Phone**  
(03) 5883 3009 or  
0419 631 969.  
**Email**  
greg.pyle@bigpond.com

**MARKETS**

**TOCUMWAL FORESHORE MARKET**

**This Saturday November 4**

Melbourne Cup  
No dogs allowed  
at the market.

**LIVESTOCK**

**ALPACAS FOR SALE**  
Females, mixed ages.  
Phone 0488 072 602.

**POULTRY**

**GEESSE FOR SALE**  
From four weeks old.  
Phone 0488 072 602.

**Call today to place your CLASSIES AD**

PHONE: **1300 660 886**  
**localclassics**

**GARAGE SALE**

AT 65 Kelly St, Toc on Sunday, Nov 5 from 9 am. Fridge, freezer, leather lounge suite and house lot.

Visited To Visit Priority

**YARD SALE**

At 363 Fowlers Rd, Strathmerton, Sat, Nov 4, Sun, Nov 5, 8 am - 5 pm. No entry fees. Lots of tools, bric-a-brac collectibles and assorted treasures, books, so much more... More details photos on local BSS sites.

Visited To Visit Priority

**PUBLIC NOTICES**

**WATER BROKERS**

**SOUTHERN RIVERS WATER BROKERS**

**Specialising in all Water Trading**

Permanent & Temporary  
NSW, VIC & SA.

Instant online transfers offered  
**ROB CROW 0428 763 264**  
16 Deniliquin Street, Tocumwal NSW 2714  
rob.crow@southernrivers.com.au  
www.southernrivers.com.au

OFFICE: 03 5874 2732 MEMBER: AWBA

**Edward River COUNCIL**

**Temporary Office Closure**  
**7 November 2017**

Edward River Council's Customer Service Centre and the Central Murray Regional Library will be closed to the public on Tuesday, 7 November 2017 for an award approved Union Picnic Day.

Both the Deniliquin Visitor Information Centre & Picnic Heritage Centre and the Deniliquin Landfill Depot will remain open. Household rubbish collection services will not be impacted.

If you require emergency or after-hours assistance during this period, please contact Councils on (03) 5888 3000 or via email at council@edwardever.com.au.

**BOATS, MARINE EQUIPMENT**

**CAMERA**  
**LEGEND SERIES 3**  
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1800 937 366  
www.1800weremove.com.au  
UMCT 11560

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**HOLDEN COLORADO**  
2010 Spacecab, 3Lt, diesel, 5 sp manual, set up for towing caravan, dual batteries, 136,500 km. Reg. TED-138 18/08/18, \$17,500. Phone 0428 619 957.

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PHONE: **1300 660 886**  
**localclassics**

## 11.4 Agencies Contacted

- OEH (Albury)
- The Registrar, Aboriginal Land Rights Act 1983
- Narrandera LALC
- NNTT (Canberra)
- Narrandera Shire Council
- NTSCorp
- Local Catchment Management Authority

## 11.5 Cultural Values Report by Mark Saddler (RAP)

**Bundyi Cultural Services**

**Mark Saddler**

# Sandigo Solar Farm, Kywong, NSW.

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Bundyi Cultural Services, Mark Saddler

05/02/2018



Artwork by Mark Saddler. (Copyright)

Artwork Title, Murrawarra (stand your ground, protect)

This report was compiled by Bundyi Cultural Services, Mark Saddler.



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Page 4:	Objectives, Objects.
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Page 11:	Site Report and Recommendations.
Page 12:	Site Map Directions to Sensitive Artefact areas.
Page 13:	References and End Report

***“I would like to acknowledge the traditional custodians of this land, my land, “The Wiradjuri People”***

***What I record and find is dedicated to those who have gone before us, to those present and to those who will follow us”***

***Mark Saddler, Wiradjuri Gibirr (man)***

## ***Travelling Stock Reserves (TSRs)***

Travelling Stock Reserves (TSRs) are parcels of Crown land reserved under legislation for use by travelling stock. Local Land Services is responsible for the care, control and maintenance of almost 500,000ha of TSRs in NSW.

TSRs provide pasture reserves for travelling or grazing stock. These reserves can be beneficial in times of drought, bushfire or flood. They are also used for public recreation, apiary sites and for conservation.

Local Land Services manages the land to strike a balance between the needs of travelling or grazing stock and the conservation of native species.

The role of Local Land Services role in managing TSRs includes:

- Authorising and monitoring stock, recreation and apiary site use
- Controlling noxious weeds
- Controlling pest animals and insects
- Provision and maintenance of fencing, watering points and holding yards
- Consideration of land management and animal health legislation.

Local Land Services has developed the first draft state-wide planning framework for TSRs to support the future management of this land. We are now keen to hear from the public with their opinions on how to manage TSRs in the future. We want to understand the values people hold important for TSRs, including biodiversity and Aboriginal cultural heritage values.

The draft state-wide framework allows for the development of TSR regional management plans to facilitate more consistent and transparent management, resourcing and reporting.

[NSW Travelling Stock Reserves Draft State Planning Framework 2016-19](#)  
[TSR State Planning Framework Fact Sheet](#)  
[Frequently asked questions](#)

## ***Aboriginal objects:***

Aboriginal objects are physical evidence of the use of an area by Aboriginal people. They can also be referred to as 'Aboriginal sites', 'relics' or 'cultural material'.

Aboriginal objects include:

- \* Physical objects, such as stone tools, Aboriginal-built fences and stockyards, scarred trees and the remains of fringe camps
- \* Material deposited on the land, such as middens
- \* The ancestral remains of Aboriginal people.

Handicrafts made by Aboriginal people for sale are **not** 'Aboriginal objects' under the NPW Act. Known Aboriginal objects and sites are recorded on OEH's Aboriginal Heritage Information Management System (AHIMS). If you find a site you should report it to us.

## ***Protecting Aboriginal objects and places:***

You will need to exercise due diligence in determining whether your actions will harm Aboriginal objects. The **Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW** <http://www.environment.nsw.gov.au/resources/cultureheritage/ddcop/10798ddcop.pdf>

This link will explain and provide practical guidance about what due diligence means. Anyone who exercises due diligence in determining that their actions will not harm Aboriginal objects has a defence against prosecution for the strict liability objects offence if they later harm an Aboriginal object.

An Aboriginal Heritage Impact Permit (AHIP) can be issued by OEH under Part 6 of the NPW Act where harm to an Aboriginal object or Aboriginal place cannot be avoided. An AHIP is a defence to a prosecution for harming Aboriginal objects and/or Aboriginal places if the harm was authorised by the AHIP and the conditions of that AHIP were not contravened.

Find out about AHIPs, due diligence and care agreements see **Information on Aboriginal Heritage Impact Permits.** <http://www.environment.nsw.gov.au/licences/Section87Section90.htm>

## ***Purpose of code of practice for Due Diligence.***

This code of practice is to assist individuals and organisations to exercise due diligence when carrying out activities that may harm Aboriginal objects and to determine whether they should apply for consent in the form of an Aboriginal Heritage Impact Permit (AHIP). The National Parks and Wildlife Act 1974 (NPW Act) provides that a person who exercises due diligence in determining that their actions will not harm Aboriginal objects has a defence against prosecution for the strict liability offence if they later unknowingly harm an object without an AHIP.

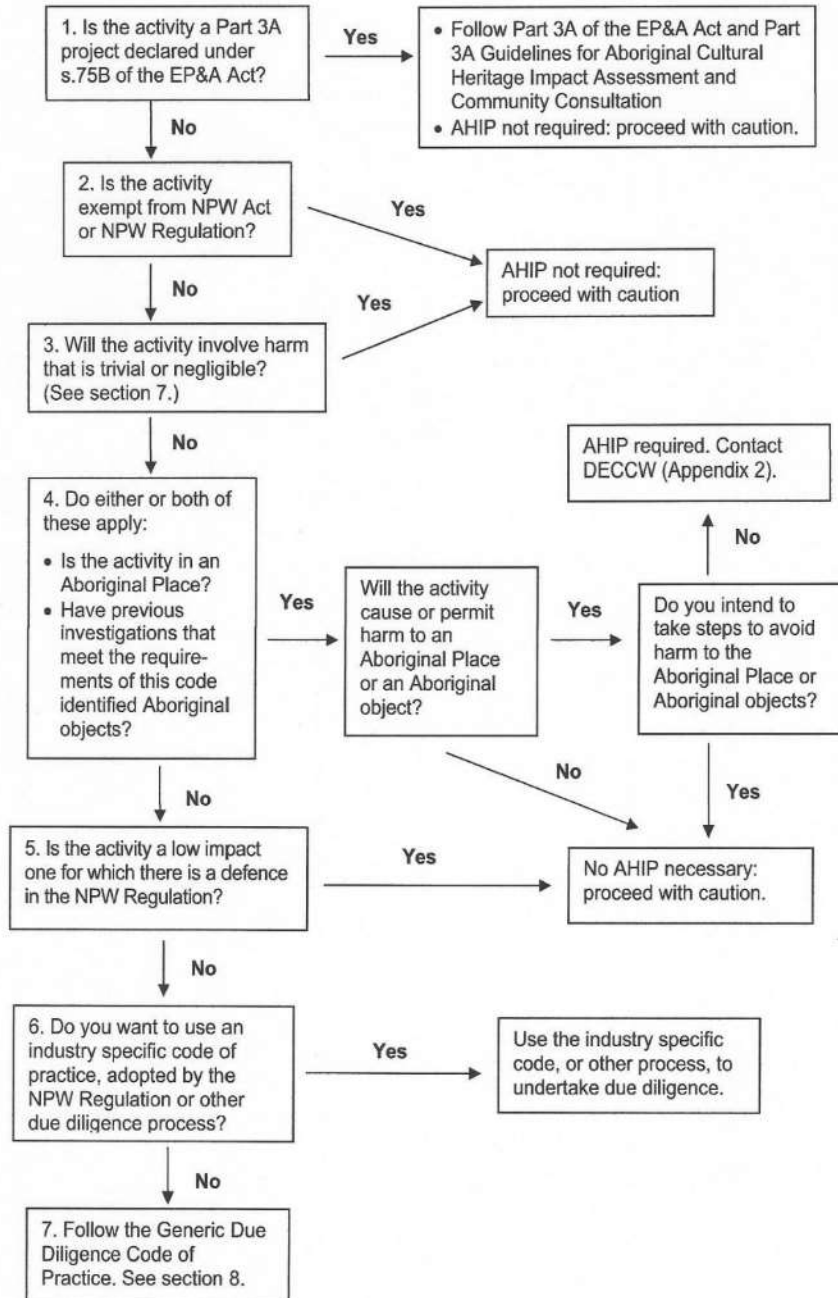
The NPW Act allows for a generic code of practice to explain what due diligence means. Carefully following this code of practice, which is adopted by the National Parks and Wildlife Regulation 2009 (NPW Regulation) made under the NPW Act, would be regarded as 'due diligence'. This code of practice can be used for all activities across all environments.

This code sets out the reasonable and practicable steps which individuals and organisations need to take in order to: 1 identify whether or not Aboriginal objects are, or are likely to be, present in an area 2 determine whether or not their activities are likely to harm Aboriginal objects (if present) 3 determine whether an AHIP application is required.

If Aboriginal objects are present or likely to be present and an activity will harm those objects, then an AHIP application will be required. Information about the permits and how to apply for them can be obtained through the Department of Environment, Climate Change and Water (DECCW) website at

[www.environment.nsw.gov.au/licences/index.htm](http://www.environment.nsw.gov.au/licences/index.htm).

## 1 Do you need to use this due diligence code?



## AHIMS Data Base Search.

Mark Saddler

Date: 25 January 2018

P.O.Box 8005 Koorringal Post Office  
Koorringal New South Wales 2650

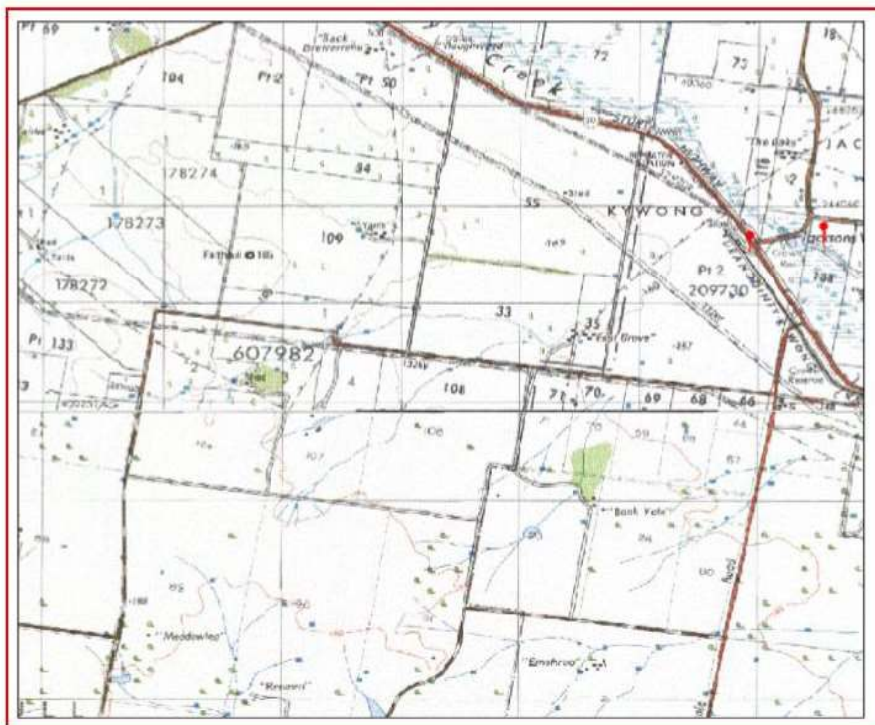
Attention: Mark Saddler

Email: marksad@live.com.au

Dear Sir or Madam:

AHIMS Web Service search for the following area at Datum :GDA, Zone : 55, Eastings : 470900 - 476000, Northings : 6127000 - 6128000 with a Buffer of 1000 meters. Additional Info : Checking on local sites, conducted by Mark Saddler on 25 January 2018.

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



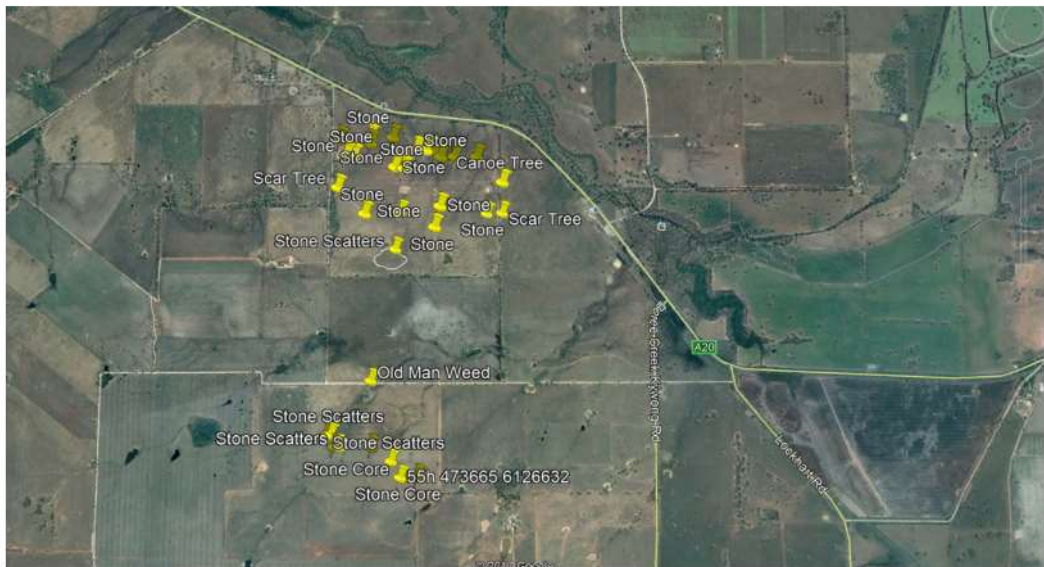
A search of the Office of the Environment and Heritage AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

<b>44</b> Aboriginal sites are recorded in or near the above location.
--

<b>0</b> Aboriginal places have been declared in or near the above location. *
--



## Page | 64





## ***Site recordings and location of site cards relevant to this site:***

Site name	Sandigo Solar Farm, Kywong, NSW.		
Recorder	Mark Saddler		
Contact details	Ph 0412 693 030	Email:	<a href="mailto:marksad@live.com.au">marksad@live.com.au</a>
Date prepared	05/02/2018	Web:	<a href="http://www.bundyculture.com.au/">http://www.bundyculture.com.au/</a>

AHIMS ID (Site Card ID)	Site Type	Location of Site Cards on Web Page.	Date Recorded
49-6-0124	Item	<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	25/01/2018
49-6-0125		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	25/01/2018
49-6-0126		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	25/01/2018
49-6-0129		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	25/01/2018
49-6-0128		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	25/01/2018
49-6-0127		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	25/01/2018
55-3-0130		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	25/01/2018
55-3-0135		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	25/01/2018
55-3-0134		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	25/01/2018
55-3-0133		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	25/01/2018
55-3-0132		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	25/01/2018
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55-3-0153		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	25/01/2018
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49-6-0132		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	25/01/2018
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55-3-0148		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	5/02/2018
55-3-0146		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	5/02/2018
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55-3-0150		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	5/02/2018
55-3-0147		<a href="http://www.environment.nsw.gov.au/awssapp/login.aspx">http://www.environment.nsw.gov.au/awssapp/login.aspx</a>	5/02/2018

## ***Site recordings and location of site cards relevant to this site: (Continued)***

Stakeholder details	Responsibilities	
Cédric Bergé	Environmental Consultant - Development Manager	0402 055 443
Bundji Cultural Services, Mark Saddler	Culture Advisor, Recorder, Knowledge Holder	0412 693 030

To find out more about Cultural Site Management, rules and protection go to this these web page links for more in-depth information.

Do you need to use the due diligence code?

<http://www.environment.nsw.gov.au/resources/cultureheritage/ddcop/10798ddcop.pdf>

OEH **legislation** which ensures that Aboriginal cultural heritage must be considered as part of land management practices.

<http://www.environment.nsw.gov.au/conservation/aboriginalculture.htm>

## ***Site Report and Recommendations.***

05/02/2018

Sandigo Solar Farm, Kywong, NSW.

On my site inspection on beginning on the 11/12/2017 I felt an overwhelming sense of pain and lose. This area was inhabited by Wiradjuri people and was a place where many camped and lived over an extended period of time. It is also a place where many Wiradjuri people were killed and forced to move away from. To the South of the area is a creek known as "Poison Water Hole Creek" Also not to far away is an island in the river called "Massacre Island" Both of these places cause pain and lose for my people.

With regards to native animals and plants in this area, I noticed many species of bird including Grass Parrots, Willy Wag Tail, Eagles, Rainbow Lorikeet, Galah, Cockatoo, White Winged Chough, Pipit and Quail to name a few. On the day of the 24<sup>th</sup> January a very large Madhan Gugaa (Tree Goanna) was also seen by the survey crew as it was climbing one of the remaining trees in this area. The area also has good regrowth of salt bush, some native water plants and young tree suckers. This area needs to have exclusions zones and habitat left undisturbed. GPS 474241 6126501

The dams on the site, that were once old creeks and wetlands, also contains many water animals including Yabby, small fish, Turtles, Dragon Flies and a large array of Butterflies and bees.

This area has been heavily impacted by cattle and machinery. Many Aboriginal sites and items have been damaged and driven over, this needs to stop, and actions taken to stop this from happening again. Exclusion zones are needed around the scar trees, around the remaining habitat and trees and extra care and exclusions zones around the two areas that have many excellent quality artefacts remaining on the ground. Both these sites need to have test pits dug into them to determine the extent of the artefacts that are on and below the ground.

Both the sites that I have surveyed and want to re-inspect with test pits are show on the page 12 in pictures 1 and 2.

I would also ask for the planting of native trees that would enhance the area for both people and bird life. Some Bull Oak trees would also add to the area and may assist in the habitat and return of the Glossy Black Cockatoo.

When construction does start I would like to ask that I could be again involved in any ground works with regards to cultural assistance on site.

As this report has been asked for today the 5<sup>th</sup> Feb 2018 by Cedric, some AHIMS site recordings are still not on here due to the slowness of AHIMS Data Base, so ESCO need to do their due diligence by getting access to the full data from AHIMS by doing a full search via AHIMS site.

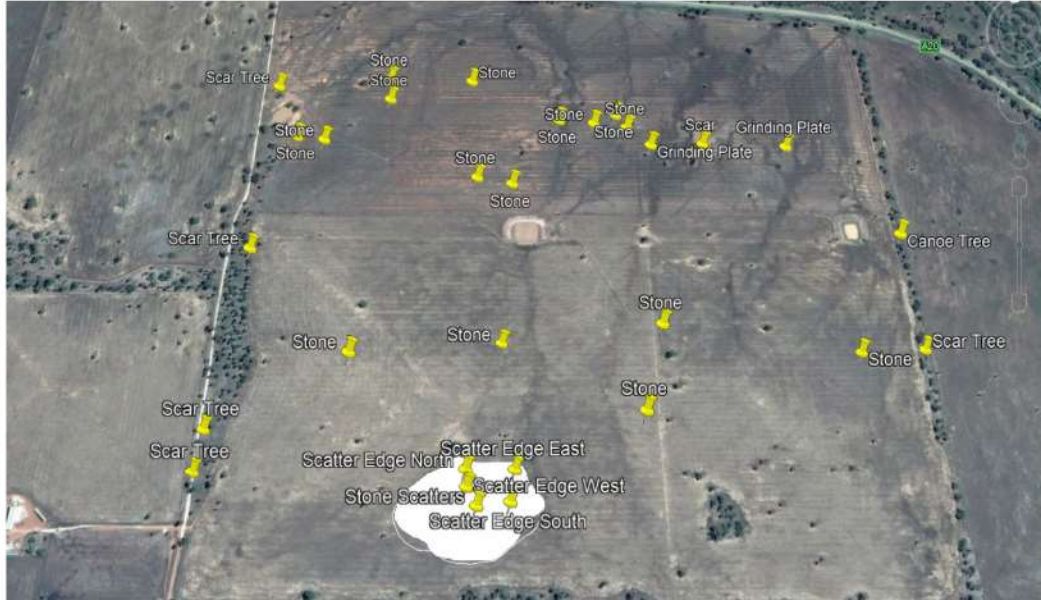
Also, items that are removed to be tagged and examined must be returned to site with a smoking ceremony to take place to ensure the safe return of items and our spirits.

Procedures to work around Aboriginal sites can be found at this link,

<http://www.aboriginalheritage.org/sites/legislation/>

## ***Site Directions to Sensitive Artefact areas.***

### ***Site 1 55H 473926 6128804***



### ***Site 2 55H 472514 6128804***



## ***References:***

OEH, <http://www.environment.nsw.gov.au/>

Local Land Services, <http://www.lls.nsw.gov.au/livestock/stock-routes>

Mark Saddler, Cultural Advisor and Knowledge holder, [www.bundyculture.com.au](http://www.bundyculture.com.au)

Goggle Earth Maps, <https://www.google.com/earth/>

Aboriginal Heritage, <http://www.aboriginalheritage.org/sites/legislation/>

Prepared by:

Mark Saddler, Bundyi Cultural Services

P.O.B 8005 Koorringal Post Office NSW 2650

Ph: 0412 693 030

Email: [marksad@live.com.au](mailto:marksad@live.com.au)

Web: [www.bundyculture.com.au](http://www.bundyculture.com.au)

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