

Aboriginal Cultural Heritage Due Diligence Assessment  
Wollongorang Quarry, Federal Highway Lot 5 DP 255133



Report Prepared for Laterals Planning

5 April 2021

## Document Control

Revision	Date	Author	Reviewed
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# CONTENTS

EXECUTIVE SUMMARY .....	i
<b>1 INTRODUCTION .....</b>	<b>1</b>
1.1 PROJECT OBJECTIVES .....	1
1.2 ABORIGINAL CONSULTATION .....	2
<b>2 DESKTOP ASSESSMENT RESULTS.....</b>	<b>5</b>
2.1 AHIMS SEARCH.....	5
2.1 PREVIOUS HERITAGE STUDIES.....	5
2.1.1 Regional Overview .....	5
2.1.2 Predictive Model.....	8
<b>3 ARCHAEOLOGICAL FIELD SURVEY.....</b>	<b>10</b>
3.1 ARCHAEOLOGICAL SURVEY AIMS.....	10
3.2 FIELD SURVEY METHODOLOGY .....	10
3.3 SURVEY CONDITIONS .....	11
3.4 LANDFORM AND DISTURBANCE LEVEL ASSESSMENT .....	13
<b>4 IMPACT ASSESSMENT.....</b>	<b>14</b>
4.1 RECOMMENDATIONS.....	16
<b>5 REFERENCES.....</b>	<b>17</b>
<b>6 APPENDIX 1 – AHIMS SEARCH.....</b>	<b>18</b>

## EXECUTIVE SUMMARY

This report provides Aboriginal heritage due diligence advice for Laterals Planning, for the proposed development and construction of the proposed extension of the Wollogorang Quarry, located on Lot 5 DP 255133, Federal Highway. The proposed extension will cover 3.5 hectares (ha), with a proposed extraction rate of 16,000 tonnes per annum for an estimated 10 years. The study area is shown on Figure 1 in a regional context with details of the proposed quarry extension in Figure 2.

This Due Diligence heritage assessment has been undertaken in accordance with the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW* (DECCW 2010a).

The proposal would involve the following impacts:

- ❖ Removal of top soils and subsoils in the quarry extension.
- ❖ Movement of vehicles and plant in the quarry extension.
- ❖ Quarry operations
- ❖ No construction compounds, material stockpiles or additional access tracks are required as part of the development.

No heritage sites or areas of Potential Archaeological Deposit (PAD) were identified within the project area based on a review of previous reports. A field survey of Lot 5 DP 255133 was undertaken over the proposed quarry extension area on the 1<sup>st</sup> April 2021. No heritage sites or area of PAD was identified during the field survey.

As a result of the background research completed for the project, the following recommendations have been developed:

- ❖ No areas of potential archaeological deposits or heritage sites have been identified within the development area and the potential for Aboriginal or historical heritage objects within the development area has been assessed as low. The development proposal should be able to proceed with no additional archaeological investigations.
- ❖ All Aboriginal objects are protected under the *NSW National Parks and Wildlife Act 1974*. It is an offence to disturb an Aboriginal site without a consent permit issued by NSW Heritage. Should any Aboriginal objects be encountered during works then works must cease and the find should not be moved until assessed by a qualified archaeologist.
- ❖ In the unlikely event that human remains are discovered during the construction, all work must cease. NSW Heritage, the local police and the appropriate Local Aboriginal Land Council (LALC) should be notified. Further assessment would be required to determine if the remains are Aboriginal or non-Aboriginal.
- ❖ Further archaeological assessment would be required if the proposal activity extends beyond the area of the current investigation.

# 1 INTRODUCTION

This report provides Aboriginal heritage due diligence advice for Laterals Planning, for the proposed development and construction of the proposed extension of the Wollogorang Quarry, located on Lot 5 DP 255133, Federal Highway. The proposed extension will cover 3.5 hectares (ha), with a proposed extraction rate of 16,000 tonnes per annum for an estimated 10 years. This extension is approximately 130m in length from the existing quarry site. The study area is shown on Figure 1 in a regional context with details of the proposed road construction corridor in Figure 2.

This Due Diligence heritage assessment has been undertaken in accordance with the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW* (DECCW 2010a).

The proposal would involve the following impacts:

- ❖ Removal of topsoils and subsoils in the quarry extension.
- ❖ Movement of vehicles and plant in the quarry extension.
- ❖ Quarry operations
- ❖ No construction compounds, material stockpiles or additional access tracks are required as part of the development.

Quarry operations are high impact and would have a negative impact on any heritage located within the project boundary. Heritage sites may be located on the surface or subsurface in areas of high potential for the preservation of archaeological remains of historical events or past usage by Aboriginal groups.

To assess the potential impacts of the proposed works on heritage this Desktop Due Diligence Heritage Assessment has been undertaken.

This report, and associated research has been conducted in accordance to the requirements of the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (OEH 2010).

## 1.1 PROJECT OBJECTIVES

The due diligence assessment is being undertaken to complete the following objectives:

- ❖ Review of the NSW Heritage, Aboriginal Heritage Information Management System (AHIMS), to identify any recorded heritage sites within the project area.
- ❖ Review of previous reports in area to develop predictive model of site location
- ❖ Assess landforms present in project area against predictive model to determine potential for heritage sites and determine level of disturbance
- ❖ Complete field survey to visually inspect impact areas and record any identified heritage sites or areas of potential. The site visit will also document levels of

disturbance within project area. The site visit will include representatives of the Pejar Local Aboriginal Land Council.

- ❖ Complete due diligence report with management recommendations to avoid or minimise impacts within the project area.

## 1.2 ABORIGINAL CONSULTATION

Consultation with the Pejar Local Aboriginal Land Council (Pejar LALC) has occurred and two representatives participated in the 1<sup>st</sup> April field survey and provided comments on the findings and recommendations.

If the assessment finds that impacts to Aboriginal heritage will occur as a result of the development then consultation will be undertaken with the wider Aboriginal community, in accordance with the consultation guidelines required by NSW Heritage.

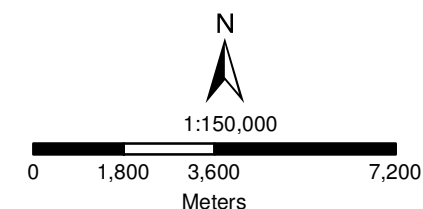




**Figure 1: Regional Context**

**Legend**

 Study Area

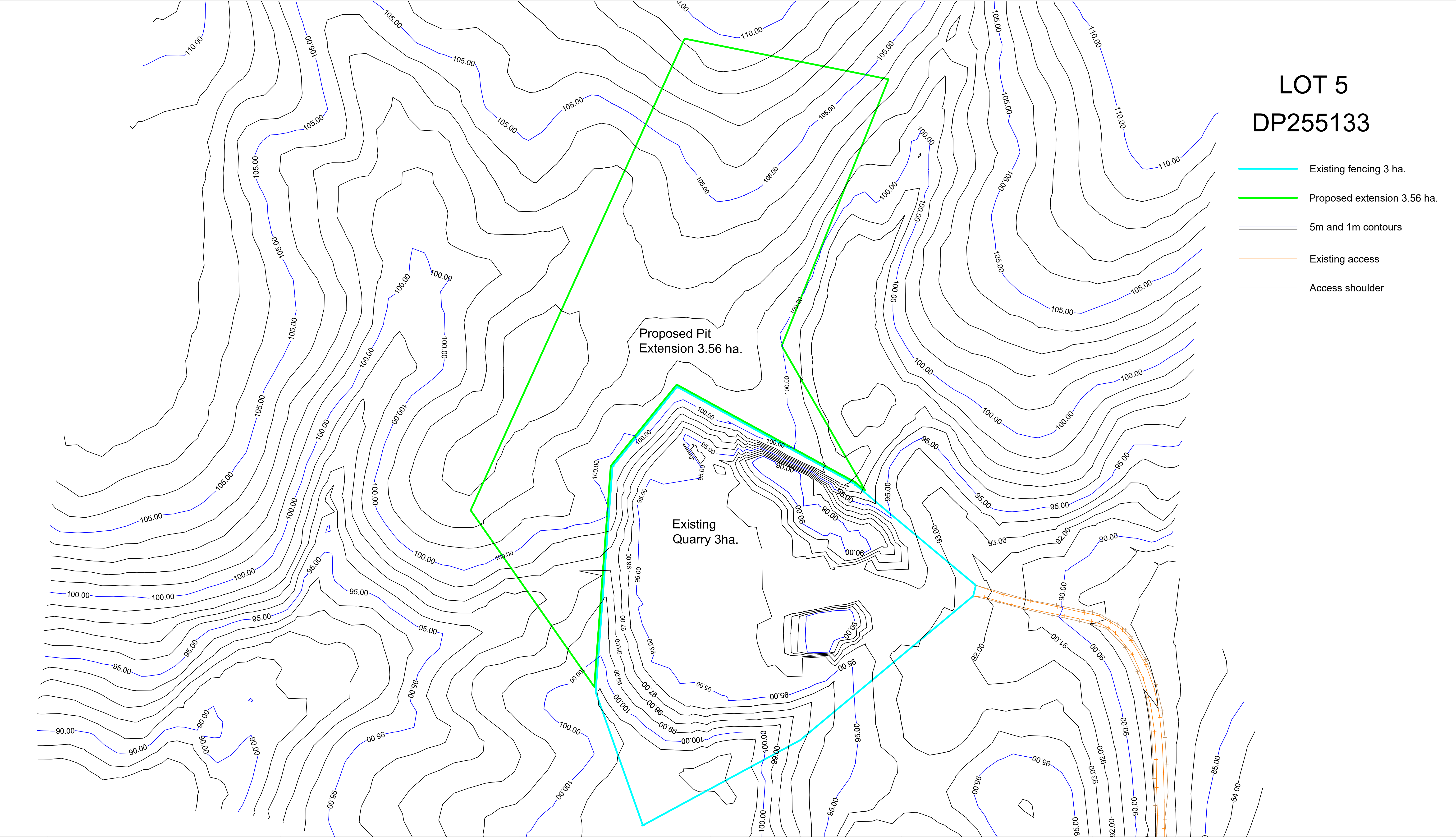


Coordinate System:  
GDA 1994 MGA Zone 55

Imagery: © Dept. Customer Service

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LOT 5  
DP255133

- Existing fencing 3 ha.
- Proposed extension 3.56 ha.
- 5m and 1m contours
- Existing access
- Access shoulder

			Survey data: Divalls	SCALE  1:1000			LATERALS ENGINEERING & MANAGEMENT LATERALS PLANNING	Sheet Subject  SITE PLAN	UPPER LACHLAN SHIRE COUNCIL	
			Designed: R Mowle						LOT 5 DP 255133	
			Drawn: D Papadopoulos							
			Checked: R Mowle	Sheet No.  1	No. of sheets  1	Sheet size  A1	1st Floor, 35 Montague Street Goulburn NSW 2580 Ph: 4821 0973 Fax: 4822 0777 48 Johns River Road, Johns River NSW 2443 Mobile 0327 210 973	Figure 2: Proposed Extension	FEDERAL HIGHWAY, WOLLOGORANG	
			Datum: AHD						PROPOSED QUARRY EXTENSION	
A	2	19/2/2021	Laterals: 1938							
Issue	Amendment	Date								



## 2 DESKTOP ASSESSMENT RESULTS

### 2.1 AHIMS SEARCH

A search of the AHIMS database was undertaken on 23/2/2021 covering the 1km surrounding area centred on the project area. The extensive search revealed no previously recorded heritage sites within the project area with 33 sites within the wider search area. Details of the site types recorded are listed in Table 1 and their locations in relation to the project area are shown on Figure 3. The site search is attached for reference in Appendix 1.

Table 1. Site Details

Site Type	Number	% of site type in area
Isolated Finds	16	48%
Artefact Scatters	12	36%
Potential Archaeological Deposits	2	6%
Stone Quarries (at camp site)	1	2%
Burial/s	1	2%
Art site/s	1	2%

### 2.1 PREVIOUS HERITAGE STUDIES

#### 2.1.1 Regional Overview

In order to evaluate the potential for Aboriginal sites to exist within the project area, consideration has been given to local and regional site patterning. This section provides a review of past research (mostly archaeological consulting reports) and an examination of locally identified Aboriginal cultural heritage sites to identify landforms that contain high potential for the preservation of Aboriginal heritage sites.

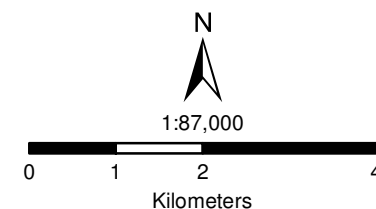
A number of Aboriginal cultural heritage investigations have been conducted for the Goulburn region. Models for predicting the location and type of Aboriginal sites with a general applicability to the Goulburn region and thus relevant to the Project Area have been formulated. These assessments have shown a general concentration of large sites adjacent to water bodies and sand bodies with smaller sites distributed in proximity to permanent water ways (Fuller 1989, Packard 1986, AMBS 2010).



Figure 3: AHIMS Sites

### Legend

- AHIMS Site
- Road/Track
- Study Area



Coordinate System:  
GDA 1994 MGA Zone 55

Imagery: © Dept. Customer Service

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A number of heritage assessments have been undertaken for the Collector and Bungendore region. These studies have been mainly commissioned due to residential developments and sand quarry operations.

Koettig (1981) completed a survey for the proposed Federal Highway extension and duplication from Collector to the ACT border. This survey identified 33 Aboriginal sites, consisting of artefact scatters were recorded mainly on drainage lines. Three areas of high potential were identified on high water embankments near Lake George.

In 1984 Koettig conducted a collection, subsurface testing and investigation of identified sites along the proposed highway from Collector to the ACT border. These sites consisted mainly of quartz artefact scatters located on ridge lines or drainage lines and were recommended for destruction.

A review of the predictive model and investigation of the significance of sand bodies in the Lake George Region were conducted by Packard (1986). Packard concluded that the sand deposits held high potential for archaeological deposits and should be subject to high level of investigation.

Packard (1987) undertook another investigation at the Rose Lagoon area, for a proposed sand extraction, from which a model of potential in sand bodies with associated water locations was produced.

An assessment undertaken in the area was conducted by Bowen Heritage Management (BHM) in (2000) within Lot 62 DP750008 a on the northern shore of Lake George. This assessment identified two quartz flakes on the surface of an Aeolian sand deposit amongst lower slopes in an area of bracken growth. This site was considered to hold low importance but to hold sub surface potential for further deposits. This site is located within a sand deposit, a very different landform then those present within the project area.

Biosis (2004) undertook a preliminary assessment for the proposed Collector Wind Farm, from which a number of sites identified consistent with the model of higher potential along creek lines and high ridge lines.

AMBS in 2012 undertook an Aboriginal Heritage Study for the entire Goulburn Mulwaree LGA for the Goulburn Mulwaree Council. This study followed on from the work of Lance and Koettig (1986) and Fuller (1989) and assessed the general importance of different landforms to the Aboriginal community and their sensitivity for archaeological potential. Previous work undertaken within the Goulburn region was concluded to support the predictive model of Fuller, finding that the model was still applicable. The findings of Fuller were used as the basis for classification of landform potential for predictive archaeological sensitivity mapping within the boundaries of the LGA.

Past Traces (2017) conducted a Due Diligence Report for Kingsdale Consulting Pty Ltd, for a planning proposal on Breadalbane Road, Collector north of the Federal Highway. No heritage sites or areas of cultural value were identified in this report, with two areas of potential for subsurface archaeological deposits identified on terrace landforms along the creekline.



A Due Diligence Report was also conducted by Past Traces (2018) of 2155 Collector Road, Currawang NSW, for a proposed Recreational Facility (Outdoor) Rifle Range. The hilly project area was considered to hold low potential due to lack of water supply and sparse resources. No sites were identified through field survey.

These previous assessments for the region have confirmed the importance of level areas or low rises adjacent to water ways and the sensitivity of aeolian sand deposits for the preservation of archaeological material. As a result of the previous assessments, any areas of level terrace or low knolls in the vicinity of creek lines are considered to hold moderate potential (dependant of degree of disturbance) in addition to any areas containing sandy deposits. None of the previous assessments have incorporated the current study area and no previous archaeological surveys have been undertaken over the study area.

### 2.1.2 Predictive Model

Within the wider Breadalbane/Collector area several large studies have been undertaken (Koettig (1981; 1984, Packard 1986 and NSW Archaeology 2012) which have resulted in the identification of a number of Aboriginal sites, mainly consisting of artefact scatters or isolated finds throughout the landscape, but generally in proximity to creek and river frontages. These studies have resulted in a site location model being developed for the region which predicts that the majority of sites will consist of small artefact sites located on level ground or terrace features in proximity to water sources. Larger sites with subsurface deposits are more probable in proximity to water features such as a creek confluence or major water sources. This model is directly applicable to the project area.

This site prediction model is based on:

- ❖ Recorded site distribution in relation to landscape features within the project area
- ❖ Consideration of site type and densities likely to be present within the project area
- ❖ Potential Aboriginal use of natural resources present or once present within the project area
- ❖ Past Land Use Impacts

Table 1 Site Prediction Model

Probability	Site Type	Definition	Landform
Low	Isolated finds and surface scatters of stone artefacts	Stone artefacts ranging from single artefact to high numbers	Highest on creek lines and spur crests, but may occur on any landform. No high occurrence features are present within the study area.
Low	Potential Archaeological Deposits (PADS)	Area considered on landform to hold higher potential for unidentified subsurface deposits	Varies, but most frequent on elevated terraces along creek lines and spurlines, no such features present
Nil	Culturally Modified Trees (CMTs)	Trees which have been modified by scarring, marking or branch twining	May be present on old remaining trees none present in project area.
Nil	Rock Engravings	Images engraved on flat rock surfaces	Escarpments, rock platforms or rock shelters - not present
Nil	Stone arrangements	Arrangements of stones by human intention, including circles lines or patterns.	Crest lines or large ceremonial areas on creek flats, - not present.
Nil	Stone quarries/Ochre sources	Quarry sites where resources have been mined.	Any landform that has not been disturbed – not present
Nil	Axe grinding grooves	Grooves in stone caused by the grinding of stone axes	Usually in creek lines, as water is used as abrasive with sand - not present – no stone suitable.
Nil	Burials	Burials of Aboriginal persons	Usually requiring deep sandy soils on eastern facing slopes – not present

### 3 ARCHAEOLOGICAL FIELD SURVEY

Field survey over the project area was undertaken on the 1<sup>st</sup> April 2021 by Georgia Scully (Past Traces) and two representatives from the Pejar LALC. As a result, the field team consisted of three members. Results of the survey, the impacts from works, cultural significance and appropriate mitigation strategies were discussed through the survey with the LALC representatives. Feedback and representative comments have been incorporated into the management recommendations for the project.

#### 3.1 ARCHAEOLOGICAL SURVEY AIMS

The principle aims of the survey were to:

- ❖ Provide the heritage team an opportunity to assess visually the Project Area and to identify landforms and levels of previous disturbance.
- ❖ Complete pedestrian survey of the Project Area focused on areas of construction impacts and visually inspecting areas and landforms with the potential for Aboriginal heritage.
- ❖ Identify and record any heritage sites visible on the ground surface.
- ❖ Identify and record areas of potential archaeological deposits (PADs).

#### 3.2 FIELD SURVEY METHODOLOGY

Field survey consisted of pedestrian transects across the project area over one day, 1<sup>st</sup> April 2021. With a team of three members, each transect covered an area of approximately 20m in width, widening to a maximum of 30m. The systematic transects covered all areas of the project area and allowed for visual inspection of all areas.

The Project area was walked by all participants at an approximate spacing of 5 – 10m. Any areas of exposure were closely examined for any cultural material. The spacing for the field survey is based on Burke and Smith (2004) who concluded that effective survey coverage extends 2m to the side of each field survey participant.

The project area stretches approximately 130m outwards from the existing quarry's rear fence line, then follows an area parallel from the existing quarry, and back down to the quarry following the creek line. (Figure 1). This area covers a section of gently undulating slopes and a crest running towards the property's creek line. The crest areas are assessed to hold higher potential based on the predictive model.

Two main factors contribute to the effectiveness of a field survey, ground surface visibility and rate of exposures.

Ground Surface Visibility (GSV) is the proportion of ground surface visible during the field survey. GSV is affected by conditions of grass coverage, leaf litter, imported gravels and fallen timber. A



percentage rating of GSV is applied to each survey area (Terry and Chillinger 1955) based on the proportion of bare soil visible through the surface conditions. Exposures are defined as areas where bare soil is present due to erosional or disturbance factors and is separate and distinctive from the background GSV of the surrounding area. Exposures show the potential subsurface as well as surface contexts as they represent disturbed areas of soils.

GSV increases in areas of exposures such as stock impact trails, roads, gates and along areas of erosion such as creek banks and dam walls. As a result, surveys undertaken in areas with high exposure rates result in a more effective survey coverage.

### 3.3 SURVEY CONDITIONS

GSV over most of the study area was low to moderate due to reasonable levels of grass coverage across project area with a low GSV of 20%. Exposures were present at moderate frequency across the project areas consisting of stock trails, erosion, dam walls and along the creek line. Exposures were present along the drainage line and along the creek line, which was examined for any signs of cultural deposits, despite being located outside of the project area and not anticipated to be impacted by the proposal. The GSV within exposures was 80%, due to erosion and stock impacts, exposures occurred at a rate of 40%. The conditions at the time of the field survey are shown in plates 1 to 8.



Plate 1: View west across undulating slopes



Plate 2: View South to Dam



Plate 3: View west northern section



Plate 4: Typical Exposure on vehicle tracks



Plate 5: Exposures caused by stock impacts



Plate 6: GSV within Exposure



Plate 7: View south west across project area



Plate 8: View south across slopes



### 3.4 LANDFORM AND DISTURBANCE LEVEL ASSESSMENT

The landforms within the project area consist of gently undulating middle to lower slopes mostly covering the crest beginning in the south east corner of the project area, extending towards the property's creekline. Water sources are present in the form of several dams along the drainage line but prior to their construction within the project area no permanent water source is present. The Willow Tree Creek, a permanent water source is located approximately 2.3 km to the south of the project area.

The project area has been impacted by European settlement from the mid nineteenth century. The project area has as a result been under continual grazing and pastoral regimes over a lengthy period of time. These past use impacts are typical for the Yass/Canberra region and consist of the following:

- ❖ Vegetation and tree clearance
- ❖ Stock impacts
- ❖ Fencing – directly and by concentrating stock impacts to gate areas.
- ❖ Vehicle tracks – some consisting of minor roads, other of impact trails
- ❖ Ploughing of topsoils for pasture improvement or light cropping.

All of these landscape and soil impacts reduce the potential for archaeological or heritage sites to remain intact within the landscape. Confined areas of disturbance are present at gates and along fence lines. Review of aerial photos of the project area, show exposed ground is present in areas of creek lines, stock impact, vehicle tracks, fence lines, and in confined erosional scours.

As a result of the landform assessment the study area contains low potential to contain any unrecorded heritage sites or areas of PAD and has suffered a moderate degree of previous impact.



## 4 IMPACT ASSESSMENT

The impacts from the extension of the Wollogorang Quarry would be confined within an area of approximately 3.5 ha, extending approximately 130m from the existing quarry. These areas have been subject to a Heritage assessment which resulted in no heritage sites or areas of potential identified within the project boundaries. Based on landform and a review of the predictive modelling for the region, the area of the road construction is considered to hold low potential for unrecorded heritage sites or subsurface deposits.

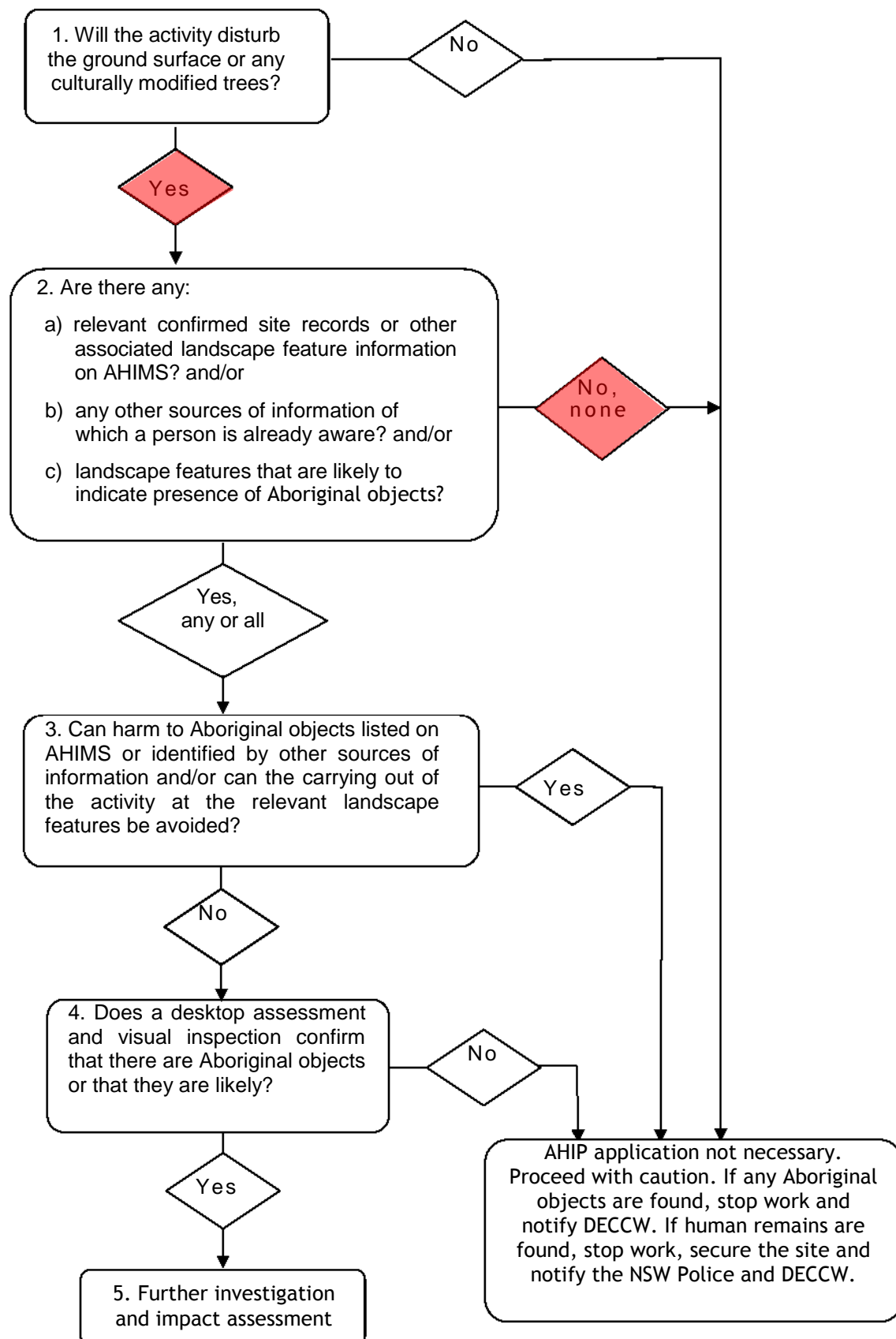
The project area has a moderate degree of disturbance and soils appear to be thin and overlaying base clays and shale. Due to the general lack of depth of topsoils, this area is considered to hold low potential for unrecorded sites or subsurface deposits.

Based on the assessment the impacts from the project are as follows:

- ❖ No known Aboriginal objects or places will be impacted by the proposed works.
- ❖ No areas of potential to contain unrecorded Aboriginal heritage sites or places are present in the project area.

The Aboriginal Due Diligence Code provides a flowchart of six questions to identify the presence of and potential harm to Aboriginal heritage. These questions and their applicability to the project are shown in Figure 4. The responses to these questions determine if further heritage investigations are required.

Figure 4. Due Diligence Flow Diagram (OEH 2010:10 – Due Diligence Code of Practice)



## 4.1 RECOMMENDATIONS

Based on this Desktop Due Diligence Heritage assessment the following actions are recommended for the project.

Recommendation 1: Works to proceed without further heritage assessment with caution.

The proposed works can proceed without further assessment as no Aboriginal heritage sites (objects or places) have been identified within the project area. The potential for impacting on unrecorded heritage sites within the project area is assessed as low, based on landform analysis and desktop review of heritage registers and reports.

Recommendation 2: Discovery of Unidentified Aboriginal cultural material during works.

Under the *NPW Act 1977* all Aboriginal places and objects are protected from harm, even if they have not been previously identified during the assessment process. If Aboriginal material is discovered during works then the steps as outlined below should be followed:

- ❖ All work must cease in the vicinity of the find and project manager notified immediately.
- ❖ A buffer zone of 10m should be fenced in all direction of the find and construction personnel made aware of the 'no go' zone.
- ❖ NSW Heritage must be notified of the find and advice sought on the proper steps to be undertaken.
- ❖ After confirmation with NSW Heritage a heritage consultation should be engaged to undertake assessment of the find and provide appropriate management recommendations to the proponent.

Recommendation 3: Discovery of Human Remains

In the highly unlikely event that human remains are discovered during any construction work, then all activity in the vicinity of the find must cease. As a first step the local police must be notified, followed by NSW Heritage and advice sought on appropriate next actions. No work can continue on the site until cleared with police and NSW Heritage.

Recommendation 4: Alteration of impact footprint

Further archaeological assessment would be required if the proposal activity extends beyond the area of the current investigation.

Implementation of the above management recommendations will result in low potential for the project to impact on heritage values or result in damage to heritage sites.

## 5 REFERENCES

- Australian Museum Business Services . (2012). *Goulburn Mulwaree LGA Aboriginal Heritage Study* . Report for Goulburn Mulwaree Council .
- Biosis. (2004). *Collector Wind Farm: preliminary Cultural heritage Assessment*. Report for Epuron .
- Bowen,A. (2000). *An Archaeological Investigation of a Proposed Sand Quarry site, North of Ondyong Point Lake George NSW*. Report to Troy Magyar.
- Burke, H and Smith,C. (2004). *The Archaeologists Field Handbook*. Sydney NSW: Allen and Unwin.
- DECCW. (2010). *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*. Sydney: DECCW.
- Koettig, M. (1981). *Collector to ACT Border Archaeological Survey for Aboriginal Sites*. Report to Department of Main Roads NSW.
- Koettig, M. (1983). *Survey for Aboriginal and Historic Archaeological Sites along the Proposed Goulburn Bypass*. Report to Department of Main Roads.
- Packard, P. (1984). *Investigation and Assessment of Archaeological Sites in Sand Deposits in Southern Tablelands* . Report for NPWS Queanbeyan .
- Packard,P. (1987). *Archaeological Investigation of Proposed sand Extraction Area at Rose Lagoon near Collector NSW*. Report to G.Dutaillis and Associates.
- Past Traces. (2017). *Aboriginal Due Diligence Assessment Report - Proposed Subdivision Breadalbane Road Collector*. Report to Laterals Planning .
- Past Traces. (2018). *Aboriginal Cultural Heritage Due Diligence Assessment - Lot 149 DP750008 - 2153 Collector Road Currawang NSW*. Report for Paul Burns.



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## 6 APPENDIX 1 – AHIMS SEARCH

# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : wollo 3

Client Service ID : 570244

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
51-5-0016	C-AB4	AGD	55	723943	6133992	Open site	Valid	Artefact : -	Open Camp Site	497
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-6-0031	Rose Lagoon 1	AGD	55	729700	6134300	Open site	Valid	Artefact : -	Open Camp Site	374,495,1244
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-6-0004	Currawang Australind	AGD	55	732750	6130550	Open site	Valid	Burial : -	Burial/s	
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-5-0020	CR03 (Field Designation) Wet Lagoon Nature Reserve, Greendale	AGD	55	724110	6144510	Open site	Valid	Artefact : -	Open Camp Site	1036
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-6-0057	Wollogorang Lagoon	AGD	55	732100	6141300	Open site	Valid	Artefact : -	Open Camp Site	1663,1913
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-5-0008	Collector	AGD	55	724667	6133780	Open site	Valid	Artefact : -	Open Camp Site	490
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-5-0013	C-AB1	AGD	55	726531	6134621	Open site	Valid	Artefact : -	Open Camp Site	490,497
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-5-0030	CR05 Cullerin Range	AGD	55	728200	6144940	Open site	Valid	Artefact : -	Open Camp Site	1036
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-5-0031	CR04 Popeys Creek, Greendale (Cullerin Range)	AGD	55	726700	6144510	Open site	Valid	Artefact : -	Open Camp Site	1036
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-5-0014	C-AB2	AGD	55	724239	6134530	Open site	Valid	Artefact : -	Open Camp Site	490,497
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-5-0015	C-AB3	AGD	55	724225	6134164	Open site	Valid	Artefact : -, Stone Quarry : -	Open Camp Site, Quarry	497
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-5-0073	CL1	AGD	55	724130	6132360	Open site	Valid	Artefact : 3		99340
	<a href="#">Contact</a> T Russell	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-5-0094	LPR1 (Lucky Pass Road 1)	AGD	55	725700	6130662	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-5-0301	Breadalbane AS2 - CDD4	GDA	55	724199	6134873	Open site	Valid	Artefact : -, Potential Archaeological Deposit (PAD) : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-5-0302	Breadalbane AS2 - CDD3	GDA	55	724135	6135081	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	<a href="#">Permits</a>							
51-5-0303	Breadalbane IF - CDD2	GDA	55	724188	6135198	Open site	Valid	Artefact : -, Potential Archaeological Deposit (PAD) : -		

Report generated by AHIMS Web Service on 23/02/2021 for Lyn O'Brien for the following area at Datum :GDA, Zone : 55, Eastings : 724376 - 736144, Northings : 6130011 - 6144160 with a Buffer of 1000 meters. Additional Info : impact assessment. Number of Aboriginal sites and Aboriginal objects found is 33

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : wollo 3

Client Service ID : 570244

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	<u>Contact</u>	<u>Recorders</u>	Ms.Lyn O'Brien,Past Traces Pty Ltd					<u>Permits</u>		
51-5-0304	Breadalbane AS1 - CDD1	GDA	55	723934	6135269	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Ms.Lyn O'Brien,Past Traces Pty Ltd					<u>Permits</u>		
51-6-0854	Parkesbourne SF SU30/L1	GDA	55	732500	6143497	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					<u>Permits</u>		
51-6-0855	Parkesbourne SF SU28/L3	GDA	55	731673	6144177	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					<u>Permits</u>		
51-6-0856	Parkesbourne SF SU28/L2	GDA	55	731829	6144077	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					<u>Permits</u>		
51-6-0857	Parkesbourne SF SU28/L1	GDA	55	731638	6143791	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					<u>Permits</u>		
51-6-0860	Parkesbourne SF SU20/L1	GDA	55	729623	6144220	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Doctor.Julie Dibden,NSW Archaeology Pty Ltd					<u>Permits</u>		
51-5-0063	Byrnes Creek 2	AGD	55	724210	6134622	Open site	Valid	Artefact : -		98226
	<u>Contact</u>	<u>Recorders</u>	Archaeological Risk Assessment Services (ARAS),Mr.Giles (dup ID#12832) Hamm					<u>Permits</u>		
51-6-0423	Kipdale 1	GDA	55	734823	6142724	Open site	Valid	Artefact : -		
	<u>Contact</u> Searle	<u>Recorders</u>	Mr.Justin Boney					<u>Permits</u>		
51-6-0424	Kipdale 2	GDA	55	734796	6142855	Open site	Valid	Art (Pigment or Engraved) : -		
	<u>Contact</u> Searle	<u>Recorders</u>	Mr.Justin Boney					<u>Permits</u>		
51-6-0425	Kipdale 3	GDA	55	735673	6142692	Open site	Valid	Artefact : -		
	<u>Contact</u> Searle	<u>Recorders</u>	Mr.Justin Boney					<u>Permits</u>		
51-6-0426	Kipdale 4	GDA	55	735867	6142430	Open site	Valid	Artefact : -		
	<u>Contact</u> Searle	<u>Recorders</u>	Mr.Justin Boney					<u>Permits</u>		
51-6-0427	Kipdale 5	GDA	55	736199	6142389	Open site	Valid	Artefact : -		
	<u>Contact</u> Searle	<u>Recorders</u>	Mr.Justin Boney					<u>Permits</u>		
51-5-0083	CS 5	AGD	55	725417	6134160	Open site	Valid	Artefact : 1		
	<u>Contact</u> Sarah Colley	<u>Recorders</u>	Archaeological Heritage Surveys					<u>Permits</u>		
51-5-0079	CS 1	AGD	55	725054	6133879	Open site	Valid	Artefact : 5		
	<u>Contact</u> T Russell	<u>Recorders</u>	Archaeological Heritage Surveys					<u>Permits</u>		
51-5-0080	CS 2	AGD	55	725136	6134052	Open site	Valid	Artefact : 1		
	<u>Contact</u> Sarah Colley	<u>Recorders</u>	Archaeological Heritage Surveys					<u>Permits</u>		
51-5-0081	CS 3	AGD	55	724922	6133938	Open site	Valid	Artefact : 2		
	<u>Contact</u> Sarah Colley	<u>Recorders</u>	Archaeological Heritage Surveys					<u>Permits</u>		
51-5-0082	CS 4	AGD	55	725186	6133801	Open site	Valid	Artefact : 3		

Report generated by AHIMS Web Service on 23/02/2021 for Lyn O'Brien for the following area at Datum :GDA, Zone : 55, Eastings : 724376 - 736144, Northings : 6130011 - 6144160 with a Buffer of 1000 meters. Additional Info : impact assessment. Number of Aboriginal sites and Aboriginal objects found is 33

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : wollo 3

Client Service ID : 570244

<u>SiteID</u>	<u>SiteName</u> <u>Contact</u>	<u>Datum</u> <u>Recorders</u>	<u>Zone</u>	<u>Easting</u>	<u>Northing</u>	<u>Context</u>	<u>Site Status</u>	<u>SiteFeatures</u> <u>Permits</u>	<u>SiteTypes</u>	<u>Reports</u>
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Report generated by AHIMS Web Service on 23/02/2021 for Lyn O'Brien for the following area at Datum :GDA, Zone : 55, Eastings : 724376 - 736144, Northings : 6130011 - 6144160 with a Buffer of 1000 meters. Additional Info : impact assessment. Number of Aboriginal sites and Aboriginal objects found is 33

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