

APPENDIX E

DUE DILIGENCE ADVICE LETTER

17/05/2025

Nigel Barton

Squadron Energy

Email: Nigel.Barton@squadronenergy.com.au

Dear Nigel,

Geotech Testing Locations – Proposed Bookham Wind Farm

This letter report provides Aboriginal heritage due diligence advice for the proposed Geotech testing locations (consisting of Bore Hole and Test Pits) to be undertaken as a component of planning works for the proposed Bookham Wind Farm.

This report has been prepared under the requirements of the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010)

Project Background

Squadron Energy is preparing an EIS for the proposed wind farm near Bookham on the Hume Highway. As a component for the project, works are about to commence on the preliminary Geotech work involving the drilling of 26 boreholes and excavation of 43 test pits to 3m depth. Access tracks to the testing locations generally follow farm access tracks with, in some cases, small nodal connections being required. These works require a Development Application approval from Yass Valley Council.

The proposed project currently comprises 94 wind turbines and battery storage, producing enough electricity to power around 410,000 NSW homes and prevent 410,000 tonnes of emissions annually.

The borehole and testpit locations, along with the proposed farm tracks are shown on Figure 1.

Project Objectives

The following is a summary of the major objectives of the due diligence assessment:

- ❖ Identify Aboriginal objects and places known to exist within the Project Area through a search of the Aboriginal Heritage Information Management System (AHIMS) maintained by NSW Heritage.
- ❖ Assessment of Landscape for landforms that may contain potential for unrecorded sites and to determine level of disturbance of landscape features.
- ❖ Undertake site visit to visually inspect areas identified for testing to verify levels of disturbance and landform potential.
- ❖ Complete due diligence report containing recommendations to minimise potential impacts to heritage values within the project area.

Aboriginal Consultation

Consultation with the Aboriginal community is not a requirement of the Due Diligence Code. As a result for this preliminary assessment no consultation has been undertaken. If heritage values are found to be present within the project area as a result of this assessment, or further investigation is required, then consultation in accordance with the NSW Heritage guidelines will be required.

Assessment Results

AHIMS Search

A search of the NSW Heritage AHIMS database was undertaken on the 5th May 2025 (Heritage Register Search No: 1001072) which identified 87 Aboriginal heritage sites in the region, with 11 registered sites within the larger Wind Farm project area. None of these site are within or in the close vicinity (20m) of the proposed testing locations. The registered sites are shown on Figure 2 and in relation to the proposed testing locations in Figure 3. No impacts to any of these sites are anticipated as a result of the proposed testing works. Several of these sites are located on the verges of the access tracks and if, any upgrade works are planned for these access tracks then additional assessment of impacts will be required. The AHIMS site search is attached at Appendix 1.

The division of the regional sites into site types and frequency to assist with predictive modelling is shown in Table 1.

Table 1. AHIMS Site Types

Site Type	No	%
Artefact scatters	50	57%
Isolated Finds	23	26%
PADS	5	6%
CMT	4	5%
Artefact scatter with PAD	4	5%
Stone Arrangement	1	1%

Landform Assessment

The proposed bore hole sites (n = 26) and test pits (n=43) are located in a variety of landforms. High potential landforms for Aboriginal site locations have been determined based on a review of the previous assessments completed for the region (ERM 2015, NSW Arch 2009, OzArk 2007 NOHC 1993). The site prediction model is provided below:

- ❖ Isolated artefact finds and small open artefact scatters are the most common site type and most likely to be found in areas of level, well-drained elevated ground, such as spur and ridge crests, terraces, and elevated creek banks;
- ❖ Larger artefact scatters are most likely to be found within 100-150m of tributary creeklines or creek junctions;
- ❖ Where artefact scatters are found away from the major creek lines, they tend to be smaller and lower in density and situated on low gradient basal slopes or low gradient spur slopes;

- ❖ Major ridgelines which could serve as natural access routes may contain artefact scatters; these tend to be isolated finds or small in size on cleared areas of broad crests or saddles;
- ❖ Scarred trees may be present in any landform, particularly on creek lines or potential travel routes as marker trees.
- ❖ Gentle slopes and open flats hold low potential for sites.

Based on the model, some testing locations and access tracks are within areas of moderate potential adjacent to the tributary creek lines and hill crests. The access tracks in these locations follow established crossing points, some of which have been strengthened to assist vehicle crossing. All of these locations meet the criteria for disturbed land and as a result are unlikely to hold unrecorded sites. Creek crossing locations required visual inspection, as part of the field survey to verify this conclusion.

Testing locations are generally not located in these creek flat landforms and the hill crest locations, based on previous work (NSW Arch 2009, ERM 2015, Ecological 2024) have shown that crests in this region are likely to contain only isolated artefacts or small artefact scatters. These landforms also tend to have highly eroded top soils with rocky outcrops and exposed bedrock. The resulting thin soils are generally considered to hold low potential for any subsurface deposits. Visual inspection therefore in these locations should identify any surface artefacts in these locations or areas where deeper soils remain.

Proposed Impacts

The impacts from the bore holes and test pits are limited in their scope and any impacts on heritage sites, if present would be partial. If placed in a landform holding moderate potential, the limited works are unlikely to require mitigation, due to their small areal footprint.

Access to the sites would mainly follow the established farm track network across the property. Where deviations into paddocks to reach testing locations are required, the vehicles will traverse across the existing surface with no grading of tracks required. No strengthening or construction at creek crossings is anticipated, in the event that works are required to facilitate access, these would remain within the current impact areas, and thus be limited in any potential impacts.

Site Visit

A visual inspection of the proposed bore hole and test pit locations was undertaken from the 6/5/2025 to the 8/5/2025. Details of surface visibility, soils visible and landforms were noted. When crossing creek lines to reach locations, visual inspection of the adjacent points of crossing were visually inspected.

Due to access restrictions, not all of the testing locations could be visually inspected with 80% of testpits and 85% of boreholes inspected. This level of visual inspection has provided robust confirmation of the landforms and site conditions to support the predictive model.

The location of each testing location is shown in Figure 1 with the GPS Co-ordinates (GDA 94 Zone 55) provided in Appendix 2.

Results

The assessment of impacts and potential for harm to unrecorded or subsurface sites in the testing locations is specific to the amount of disturbance resulting across the landform from the testing works. Due to the small size of and limited nature of the testing works, even when placed in a moderate potential landform, the potential for impacts is considered to be low. Larger infrastructure works if undertaken at later stages of development, within these landforms may require further assessment, including subsurface investigation and this clearance letter does not preclude the findings of a more detailed future assessment.

The findings from the survey and desktop review are:

- ❖ No heritage sites were identified as present within any of the testing locations.
- ❖ Of the 26 bore hole sites – only one is located on a low to moderate potential broad crest, with all the remainder in areas of low potential.
- ❖ Of the 43 test pit locations – only three testpits are located on a low to moderate potential landform, consisting of lower slopes adjacent to tributary creeklines or drainage lines.
- ❖ No high potential landforms were identified within the landscape as holding testing locations. The area of impact within the low/moderate landforms is limited and the potential for impacts is considered to be low.

The Due Diligence Code specifies a series of questions to be answered to determine the potential for the project to impact on Aboriginal heritage.

1. Will the activity disturb the ground surface or any culturally modified trees?

Yes

2. Are there any relevant confirmed site records or other associated landscape feature information on AHIMS?

Yes – numerous in area, none within impact footprint or immediate vicinity

3. Determine if landscape features are present that are likely to indicate presence of Aboriginal objects?

Moderate landforms are present in small number, the majority of all testing locations are in low potential landforms. The degree of harm at the moderate landforms with the limited nature of works is considered to hold low potential to impact sites.

4. Can the harm of activity be avoided?

The Geotech testing is required to provide data to support the planning and design of infrastructure.

5. Does a desktop assessment and visual inspection confirm that there are Aboriginal objects or that they are likely?

The visual assessment and report have shown that the potential presence of Aboriginal objects in the testing locations is low. No known heritage impacts will occur.

Recommendations

Based on this due diligence assessment the following actions are recommended for the project.

Recommendation 1: Works at testing locations to proceed without further heritage assessment.

The proposed testing can proceed in these areas, without further assessment as no Aboriginal objects or places have been identified as occurring within the project area. The potential of impacting unrecorded sites during the proposed works is assessed as low.

Recommendation 2: Impacts to areas of creek flats on access tracks should be avoided.

The area of level creek flats and creek crossings are considered to hold moderate potential for Aboriginal heritage and sub surface impacts should be avoided. If works are required to upgrade access in these locations, monitoring of works by heritage consultant should be undertaken.

Recommendation 3: Sites are present in vicinity of access roads – additional assessment in event of upgrade works.

As heritage sites are present on access road verges, if upgrades are required which extend or widen the road footprint into the verge, then additional assessment will be required for these works.

Recommendation 4: Discovery of Unanticipated Aboriginal cultural material.

All Aboriginal places and objects are protected under the NPW Act 1974. This protection extends to Aboriginal material that has not been previously identified, but might be unearthed during construction activities. In the event that Aboriginal material is discovered during construction the following steps should be undertaken:

- ❖ Cease Work: Works must cease in the vicinity of the find and a fenced buffer zone of 10m around the find be erected.
- ❖ Management: A qualified heritage consultant should be engaged to assess and record the find in accordance with the legislative requirements and NSW Heritage guidelines.
- ❖ If the find is Aboriginal in nature, the heritage consultation will notify and consult with NSW Heritage in regards to appropriate steps and management. This would usually involve consultation with the Aboriginal community, further assessment and may require application for an Aboriginal Heritage Impact Permit.

Adherence to these recommendations will result in the low potential for the proposal to negatively impact on Aboriginal heritage values. If you have any further questions in regards to the due diligence report, please contact me to resolve them. My contact details are provided below.

Regards



Lyn O'Brien

Director

Ph: 0403 021296

pasttraces@ozemail.com.au

References

- DECCW. (2010). *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*. Sydney: DECCW.
- Ecological. (2024). *Aboriginal Heritage Clearance Letter - Meteorological Mast Installation for Proposed Bookham Wind Farm, Bookham NSW*. Report for Squadron Energy .
- ERM. (2015). *Yass to Burrinjuck Transmission Line 970 Wooden Pole Replacement and OPGW Installation - Aboriginal and Historic Heritage Assessment Report*. Report to Transgrid.
- Navin Officer Heritage Consultants. (1993). *Duplication of Hume Highway Carriageway and Bypass of Bookham NSW - Archaeological survey for Aboriginal Sites*. Report for Mitchell McCotter.
- NSW Archaeology. (2009). *Proposed Yass Valley Wind Farm: Archaeological and Heritage Assessment*. Report for Epuron Pty Ltd .
- OzArk. (2007). *Wagga Wagga - Yass Line 990 132kV Transmission Line Heritage Assessment*. Report for Transgrid .

APPENDIX 1 – AHIMS Search

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : bookham

Client Service ID : 1001072

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
51-4-0047	Bookham 9	AGD	55	650900	6145510	Open site	Valid	Artefact : -	Isolated Find	3109
	Contact	Recorders	Jan Klaver							
51-4-0025	Little Jack	AGD	55	646299	6131213	Open site	Valid	Artefact : -	Isolated Find	103478
	Contact	Recorders	P Anderson,M Blazejowski,Dave Collins,M Collins							
51-4-0026	Little Jack 2	GDA	55	647300	6132238	Open site	Valid	Artefact : -	Isolated Find	103478
	Contact	Recorders	M Blazejowski,Dave Collins,M Collins,P Adamson,Niche Environment and Heritage,							
51-4-0093	Conroys Gap Survey Unit 23/Locale 4	AGD	55	658621	6144791	Open site	Valid	Artefact : 1		
	Contact Searle	Recorders	Doctor.Julie Dibden							
51-4-0127	Carrolls Ridge SU7/L1	GDA	55	651960	6132484	Open site	Valid	Artefact : 6		101424
	Contact	Recorders	Doctor.Julie Dibden							
51-4-0128	Carrolls Ridge SU8/L1	GDA	55	653089	6133829	Open site	Valid	Artefact : 1		101424
	Contact	Recorders	Doctor.Julie Dibden							
51-4-0465	HL-67	GDA	55	645024	6137293	Open site	Valid	Artefact : -		
	Contact	Recorders	Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens							
51-4-0036	Bookham 10;	AGD	55	650750	6145610	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	Recorders	Jan Klaver							
51-4-0085	Conroys Gap Survey Unit 6/Locale 1	AGD	55	657259	6142590	Open site	Valid	Artefact : 1		
	Contact Searle	Recorders	Doctor.Julie Dibden							
51-4-0087	Conroys Gap Survey Unit 11/Locale 1	AGD	55	658165	6143569	Open site	Valid	Artefact : 1		
	Contact Searle	Recorders	Doctor.Julie Dibden							
51-4-0397	Trapper Trail 4	GDA	55	645735	6132183	Open site	Valid	Artefact : 1		
	Contact	Recorders	Niche Environment and Heritage,Ms.catherine Thompson,Ms.Rebecca Chalker,Ms.F							
51-4-0481	HL 14/8/23 FL4	GDA	55	640010	6135698	Open site	Valid	Artefact : -		
	Contact	Recorders	Navin Officer Heritage Consultants Pty Ltd,Mr.Ben Sybert							
51-4-0482	HL 14/8/23 FL1	GDA	55	640117	6135699	Open site	Valid	Artefact : -		
	Contact	Recorders	Navin Officer Heritage Consultants Pty Ltd,Mr.Ben Sybert							
51-4-0126	Carrolls Ridge SU6/L1	GDA	55	651890	6131411	Open site	Valid	Artefact : 3		101424
	Contact	Recorders	Doctor.Julie Dibden							
51-4-0330	YTB-5	GDA	55	647964	6132508	Open site	Valid	Artefact : -		103478
	Contact	Recorders	Niche Environment and Heritage,Ms.Holly Maclean,Ms.Rebecca Chalker							
51-4-0089	Conroys Gap Survey Unit 19/Locale 1	AGD	55	657644	6146289	Open site	Valid	Artefact : 1		
	Contact Searle	Recorders	Doctor.Julie Dibden							
51-4-0290	YVWFTL SU1/L1 (Yass Valley Wind Farm)	GDA	55	651506	6137392	Open site	Valid	Artefact : 2		
	Contact	Recorders	Mr.Andrew Pearce							
51-4-0295	YVWFTL SU10/L2 (Yass Valley Wind Farm)	GDA	55	650782	6145946	Open site	Valid	Artefact : 1		
	Contact	Recorders	Mr.Andrew Pearce							

Report generated by AHIMS Web Service on 05/05/2025 for Lyn O'Brien for the following area at Lat, Long From : -34.9507, 148.5003 - Lat, Long To : -34.8099, 148.7475. Number of Aboriginal sites and Aboriginal objects found is 87

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : bookham

Client Service ID : 1001072

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
51-4-0095	Mt Europe AS1 (Childowla)	AGD	55	642300	6132300	Open site	Valid	Artefact : 1		
	Contact T Russell	Recorders	Mr.Dean Freeman Permits							
51-4-0350	Childowla Scarred Tree 1	GDA	55	647653	6131887	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact	Recorders	Niche Environment and Heritage,ERM Brisbane,Ms.Rebecca Chalker Permits							
51-4-0477	HL-94	GDA	55	647241	6137898	Open site	Valid	Artefact : -		
	Contact	Recorders	Navin Officer Heritage Consultants Pty Ltd, Miss.Ellaine Dickens Permits							
51-4-0122	Carrolls Ridge SU1/L4	GDA	55	654106	6136477	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		101424
	Contact	Recorders	Doctor.Julie Dibden Permits							
51-4-0129	Carrolls Ridge SU8/L2	GDA	55	653129	6133693	Open site	Valid	Artefact : 1		101424
	Contact	Recorders	Doctor.Julie Dibden Permits							
51-4-0131	Carrolls Ridge SU8/L4	GDA	55	653105	6133601	Open site	Valid	Artefact : 3		101424
	Contact	Recorders	Doctor.Julie Dibden Permits							
51-4-0331	YTB-6	GDA	55	647964	6132508	Open site	Valid	Artefact : -		103478
	Contact	Recorders	Niche Environment and Heritage,Ms.Holly Maclean,Ms.Rebecca Chalker Permits 3931							
51-4-0033	Bookham 4	AGD	55	650700	6145710	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	Recorders	Jan Klaver Permits 1525							
51-4-0035	Bookham 8	AGD	55	651330	6145830	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	Recorders	Jan Klaver Permits							
51-4-0086	Conroys Gap Survey Unit 6/Locale 2	AGD	55	657224	6142538	Open site	Valid	Stone Arrangement : 1		
	Contact Searle	Recorders	Doctor.Julie Dibden Permits							
51-4-0101	wytl-os1 with pad	GDA	55	644406	6137242	Open site	Valid	Artefact : -		
	Contact	Recorders	Doctor.Jodie Benton Permits							
51-4-0292	YVWFTL SU6/L1 (Yass Valley Wind Farm)	GDA	55	650425	6141995	Open site	Valid	Artefact : 3		
	Contact	Recorders	Mr.Andrew Pearce Permits							
51-4-0328	YTB-4	GDA	55	649230	6133462	Open site	Valid	Artefact : -		103478
	Contact	Recorders	Ms.Holly Maclean Permits							
51-4-0034	Bookham 5	AGD	55	651900	6145300	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	Recorders	Jan Klaver Permits							
51-4-0096	Mt Europe	GDA	55	642855	6133265	Open site	Valid	Artefact : -		
	Contact T Russell	Recorders	Niche Environment and Heritage,Mr.Dean Freeman,Ms.Rebecca Chalker Permits							
51-4-0479	Riverview Property Murrumbidgee	GDA	55	638919	6137118	Open site	Valid	Modified Tree (Carved or Scarred) : -		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
	Contact	Recorders								
51-4-0473	HL-73	GDA	55	644503	6137426	Open site	Valid	Artefact : -		
	Contact	Recorders								
51-4-0226	Marilba Hills SU29/L1	GDA	55	658408	6146486	Open site	Valid	Artefact : 2		101424
	Contact	Recorders								
51-4-0133	Carrolls Ridge SU8/L6	GDA	55	653026	6133277	Open site	Valid	Artefact : 1		101424
	Contact	Recorders								
51-4-0334	YTB-9	GDA	55	646647	6131536	Open site	Valid	Artefact : -		103478
	Contact	Recorders								
51-4-0037	Bookham 11	AGD	55	650410	6145620	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	Recorders								
51-4-0062	Childowla Track 2	AGD	55	646647	6131536	Open site	Valid	Artefact : 6		103478
	Contact	Recorders								
51-4-0293	YVWFTL SU8/L1 (Yass Valley Wind Farm)	GDA	55	650278	6143508	Open site	Valid	Artefact : 1		
	Contact	Recorders								
51-4-0327	YTB-3	GDA	55	653941	6136985	Open site	Valid	Artefact : -		103478
	Contact	Recorders								
51-4-0395	Trapper Trail 2	GDA	55	645735	6132183	Open site	Valid	Artefact : 1		
	Contact	Recorders								
51-4-0396	Trapper Trail 3	GDA	55	645735	6132183	Open site	Valid	Artefact : 1		
	Contact	Recorders								
51-4-0123	Carrolls Ridge SU1/L5	GDA	55	654252	6136792	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		101424
	Contact	Recorders								
51-4-0048	BH - OS- 1	AGD	55	656900	6139400	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	Recorders								
51-4-0088	Conroys Gap Survey Unit 15/Locale 1	AGD	55	658024	6145142	Open site	Valid	Artefact : 2		
	Contact Searle	Recorders								
51-4-0090	Conroys Gap Survey Unit 23/Locale 1	AGD	55	658631	6145098	Open site	Valid	Artefact : 1		
	Contact Searle	Recorders								
51-4-0394	Trapper Trail 1	GDA	55	645653	6133069	Open site	Valid	Artefact : 1, Water Hole : 1		
	Contact	Recorders								
51-4-0449	Childowla Track 6	GDA	55	643238	6132939	Open site	Valid	Artefact : -		
	Contact	Recorders								
51-4-0456	Childowla Track 5	GDA	55	643481	6132594	Open site	Valid	Artefact : -		

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Extensive search - Site list report

Your Ref/PO Number : bookham

Client Service ID : 1001072

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
	<u>Contact</u>	<u>Recorders</u>	Niche Environment and Heritage,Ms.Rebecca Chalker					<u>Permits</u>		
51-4-0002	Woolgarlo	AGD	55	657968	6135807	Open site	Valid	Artefact : -	Open Camp Site	
	<u>Contact</u>	<u>Recorders</u>	ASRSYS					<u>Permits</u>		
51-4-0097	WYTL-OS1	GDA	55	644406	6137242	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		100702
	<u>Contact</u> Searle	<u>Recorders</u>	Doctor.Jodie Benton,Mr.Phillip Cameron					<u>Permits</u>		
51-4-0099	WYTL-OS3	GDA	55	638753	6134097	Open site	Valid	Potential Archaeological Deposit (PAD) : 5		100702
	<u>Contact</u> Searle	<u>Recorders</u>	Doctor.Jodie Benton,Mr.Phillip Cameron					<u>Permits</u>		
51-4-0100	WYTL-OS4	GDA	55	638364	6133987	Open site	Valid	Artefact : 9		100702
	<u>Contact</u> Searle	<u>Recorders</u>	Doctor.Jodie Benton,Mr.Phillip Cameron					<u>Permits</u>		
51-4-0498	HL-PAD-11	GDA	55	640173	6135821	Open site	Valid	Potential Archaeological Deposit (PAD) : -		
	<u>Contact</u>	<u>Recorders</u>	Navin Officer Heritage Consultants Pty Ltd,Mrs.Nicola Hayes					<u>Permits</u>		
51-4-0485	HL 14/8/23 FL7	GDA	55	640170	6135821	Open site	Valid	Artefact : -, Potential Archaeological Deposit (PAD) : -		
	<u>Contact</u>	<u>Recorders</u>	Navin Officer Heritage Consultants Pty Ltd,Mr.Ben Sybert					<u>Permits</u>		
51-4-0060	Childowla Track 1	AGD	55	647756	6131851	Open site	Valid	Artefact : 10		103478
	<u>Contact</u>	<u>Recorders</u>	Miss.Jackie Taylor					<u>Permits</u>	3931	
51-4-0291	YVWFTL SU5/L1 (Yass Valley Wind Farm)	GDA	55	650432	6141073	Open site	Valid	Artefact : 16		
	<u>Contact</u>	<u>Recorders</u>	Mr.Andrew Pearce					<u>Permits</u>		
51-4-0455	Childowla Link Trail	GDA	55	644370	6131486	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Niche Environment and Heritage,Ms.Rebecca Chalker					<u>Permits</u>		
51-4-0462	HL-24	GDA	55	657406	6140206	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens					<u>Permits</u>		
51-4-0464	HL-26	GDA	55	658696	6140887	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens					<u>Permits</u>		
51-4-0492	YAS-04	GDA	55	653769	6138700	Open site	Valid	Artefact : -, Potential Archaeological Deposit (PAD) : -		
	<u>Contact</u>	<u>Recorders</u>	Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens					<u>Permits</u>		
51-4-0494	YAS-02	GDA	55	647317	6137751	Open site	Valid	Artefact : -, Potential Archaeological Deposit (PAD) : -		
	<u>Contact</u>	<u>Recorders</u>	Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens					<u>Permits</u>		
51-4-0484	HL 14/8/23 FL6	GDA	55	640086	6135775	Open site	Valid	Artefact : -		

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	<u>Contact</u>	<u>Recorders</u>	Navin Officer Heritage Consultants Pty Ltd,Mr.Ben Sybert					<u>Permits</u>		
51-4-0091	Conroys Gap Survey Unit 23/Locale 2	AGD	55	658611	6145055	Open site	Valid	Artefact : 3		
	<u>Contact</u> Searle	<u>Recorders</u>	Doctor.Julie Dibden					<u>Permits</u>		
51-4-0124	Carrolls Ridge SU2/L1	GDA	55	654577	6137156	Open site	Valid	Artefact : 1		101424
	<u>Contact</u>	<u>Recorders</u>	Doctor.Julie Dibden					<u>Permits</u>		
51-4-0130	Carrolls Ridge SU8/L3	GDA	55	653153	6133673	Open site	Valid	Artefact : 1		101424
	<u>Contact</u>	<u>Recorders</u>	Doctor.Julie Dibden					<u>Permits</u>		
51-4-0333	YTB-8	GDA	55	647218	6131967	Open site	Valid	Modified Tree (Carved or Scarred) :		103478
	<u>Contact</u>	<u>Recorders</u>	Ms.Holly Maclean					<u>Permits</u>		
51-4-0467	HL-28	GDA	55	659670	6141262	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens					<u>Permits</u>		
51-4-0294	YVWF SU10/L1 (Yass Valley Wind Farm)	GDA	55	650678	6145752	Open site	Valid	Artefact : 10		
	<u>Contact</u>	<u>Recorders</u>	Mr.Andrew Pearce					<u>Permits</u>		
51-4-0438	Childowla Track 3	GDA	55	647389	6132081	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Niche Environment and Heritage,Ms.Rebecca Chalker					<u>Permits</u>		
51-4-0353	Bogo Quarry 2009-2	GDA	55	654918	6146639	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Biosis Pty Ltd - Sydney,Ms.Rebecca Morris					<u>Permits</u>		
51-4-0463	HL-25	GDA	55	657475	6140465	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens					<u>Permits</u>		
51-4-0480	HL 14/8/23 FL2	GDA	55	640049	6135672	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Navin Officer Heritage Consultants Pty Ltd,Mr.Ben Sybert					<u>Permits</u>		
51-4-0483	HL 14/8/23 FL5	GDA	55	640000	6135761	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Navin Officer Heritage Consultants Pty Ltd,Mr.Ben Sybert					<u>Permits</u>		
51-4-0092	Conroys Gap Survey Unit 23/Locale 3	AGD	55	658640	6144909	Open site	Valid	Artefact : 1		
	<u>Contact</u> Searle	<u>Recorders</u>	Doctor.Julie Dibden					<u>Permits</u>		
51-4-0094	Conroys Gap Survey Unit 30/Locale 1	AGD	55	658530	6142418	Open site	Valid	Artefact : 9		
	<u>Contact</u> Searle	<u>Recorders</u>	Doctor.Julie Dibden					<u>Permits</u>		
51-4-0119	Carrolls Ridge SU1/L1	GDA	55	653913	6135839	Open site	Valid	Artefact : 1		101424
	<u>Contact</u>	<u>Recorders</u>	Doctor.Julie Dibden					<u>Permits</u>		
51-4-0120	Carrolls Ridge SU1/L2	GDA	55	653897	6136086	Open site	Valid	Artefact : 6		101424
	<u>Contact</u>	<u>Recorders</u>	Doctor.Julie Dibden					<u>Permits</u>		
51-4-0121	Carrolls Ridge SU1/L3	GDA	55	654076	6136146	Open site	Valid	Artefact : 1		101424
	<u>Contact</u>	<u>Recorders</u>	Doctor.Julie Dibden					<u>Permits</u>		
51-4-0132	Carrolls Ridge SU8/L5	GDA	55	653074	6133544	Open site	Valid	Artefact : 6		101424
	<u>Contact</u>	<u>Recorders</u>	Doctor.Julie Dibden					<u>Permits</u>		

Report generated by AHIMS Web Service on 05/05/2025 for Lyn O'Brien for the following area at Lat, Long From : -34.9507, 148.5003 - Lat, Long To : -34.8099, 148.7475. Number of Aboriginal sites and Aboriginal objects found is 87

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

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : bookham

Client Service ID : 1001072

<u>SiteID</u>	<u>SiteName</u>	<u>Datum</u>	<u>Zone</u>	<u>Easting</u>	<u>Northing</u>	<u>Context</u>	<u>Site Status **</u>	<u>SiteFeatures</u>	<u>SiteTypes</u>	<u>Reports</u>
51-4-0332	YTB-7	GDA	55	647539	6132337	Open site	Valid	Artefact : -		103478
	<u>Contact</u>	<u>Recorders</u>	Niche Environment and Heritage,Ms.Holly Maclean,ERM Brisbane,Ms.Rebecca Chal <u>Permits</u> 3931							
51-4-0466	HL-27	GDA	55	658883	6140860	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Navin Officer Heritage Consultants Pty Ltd, Miss.Ellaine Dickens <u>Permits</u>							
51-4-0352	Bogo Quarry 2009-1	GDA	55	655315	6146263	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Biosis Pty Ltd - Sydney,Ms.Rebecca Morris <u>Permits</u>							
51-4-0388	Waterfall trail scarred tree	GDA	55	645129	6131465	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	<u>Contact</u>	<u>Recorders</u>	Niche Environment and Heritage,Mr.Roy Barker,DPIE - Armidale,Ms.Rebecca Chalk <u>Permits</u>							
51-4-0493	YAS-01	GDA	55	644673	6137158	Open site	Valid	Artefact : -, Potential Archaeological Deposit (PAD) : -		
	<u>Contact</u>	<u>Recorders</u>	Navin Officer Heritage Consultants Pty Ltd, Miss.Ellaine Dickens <u>Permits</u>							

** Site Status

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

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

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

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

Report generated by AHIMS Web Service on 05/05/2025 for Lyn O'Brien for the following area at Lat, Long From : -34.9507, 148.5003 - Lat, Long To : -34.8099, 148.7475. Number of Aboriginal sites and Aboriginal objects found is 87

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Appendix 2 – Testing Locations

ID	Landform	Potential	POINT_X	POINT_Y
TP01	middle slopes - open paddock	low	652592.4022	6145365.323
TP02	middle slopes - open paddock	low	649904.8258	6142856.517
TP03	Upper slopes, remant tree line in north, gentle gradient	low	651298.5405	6142966.919
TP04	undulating middle slopes - open paddocks, rock outcrop just of Childowla Rd, gentle lower slope - flat, grass coverage, will maintained paddock - Ferndale Farm	low	652596.7294	6142551.498
TP05	small crest in middle slopes - rock outcrops	low	646522.9629	6139557.016
TP06	lower middle slopes - highly grazed	low	652787.9614	6141017.012
TP07	gentle mid slopes, open paddock	low	650170.3432	6141149.605
TP08	steep mid slopes, rock outcrops	low	649348.0913	6140596.04
TP09	Steep mid slopes (near BH10) Grass coverage/rocks - low GSV	low	650066.8836	6140063.03
TP10	open plain - gate junction - longer grass as cattle not sheep	low	644493.1026	6142528.283
TP11	just off road, long lower slope to creek flats,	low	643766.5199	6142219.018
TP12	Upper slopes, descending high spurline -thistles, rock outcrops	low	644212.8025	6140725.94
TP13	gentle middle slopes - open paddock	low	641772.9528	6139655.317
TP14	lower slopes - tussock area, planted windbreak along road	low	643234.103	6139768.719
TP15	NA		645578.5754	6139739.837
TP16	NA		647846.1452	6139004.775
TP17	NA		648619.7514	6139393.89
TP18	NA		648832.0828	6138396.322
TP19	lower slopes to creek flats	low	649871.9468	6138551.12
TP20	top of high crest, amidst rock outcrops, no soils	low	652292.3694	6138823.333
TP21	upper slopes - small crest planted with paperbarks Flats - denuded by grazing, low visibilty due to sheep dung.	low	650703.1096	6137751.714
TP22	middle slopes - area of trees	low	649421.3125	6138133
TP23	lower slopes - open paddock	low	649754.9522	6137558.904
TP24	long middle slopes	low	649599.4706	6137832.091
TP25			650296.7033	6138072.861
TP26	middle slopes - open paddock - pine wind break in rear	low	650331.9375	6137757
TP27	middle slopes - open paddock	low	649618.0517	6136818.993
TP28	na		646275.2466	6137257.407
TP29	na - Broad Crest - open paddock	low	645649.9263	6136081.479
TP30	steep upper slopes - rock outcrops	low	649806.6258	6135166.948
TP31	NA - creek flats	low/moderate	651113.9091	6134465.944
TP32	Upper slopes - swales and erosional rocks, rock outcrops	low	648733.896	6134565.112
TP33	creek flats -open paddock, tussocks	low	649038.5078	6133686.686
TP34	long gentle middle slopes - open paddock	low	648400.7007	6133528.638
TP35	lower slopes - open paddock	low	649492.6153	6137537.604
TP36	Gentle middle slopes	low	650372.6794	6144461.748
TP37	Flats/lower slopes near constructed dam - high visibility	low/ moderate	650391.9112	6143295.569
TP38	Saddle crest - upper slopes	low/moderate	647900.9275	6140818.743
TP39	long middle slopes, denuded, covered in sheep dung, low visibilty	low	645178.5259	6140943.93
TP40	na		647319.1745	6136984.747
TP41	Bench on spurline - erosional and rock outcrops	low	648202.7916	6135647.915
TP42	middle slopes - area of planted eucalypt windbreak - young trees - hihgly disturbed	low	647206.9462	6134591.03
TP43	creekflats - rocks	low	650303.6059	6134550.306
BH01	NA - middle slopes	low	651666	6143969
BH02	Descendig spurline - cleared paddock	low	650351.0954	6142838.549
BH03	ridgeline crests - rocky outcrops	low/Moderate	651275.4615	6142407.255
BH04	middle slopes- open paddock	low	652758.2818	6141962.986
BH05	NA - lower slopes - open paddock	low	648634.7287	6141696.136
BH06	ridgeline crest - rock outcrops, eroded soils	low	650230.7132	6141658.064
BH07	Steep upper slopes to ridge line - rock outcrops, eroded soils	low	651657.5015	6141054.186
BH08	Lower slopes	low	647895.06	6140343.83
BH09	creek lflats, lower slopes	low	650134.8938	6139527.44
BH10	top of high crest amidst rock outcrops, erosional soils	low	652289.6538	6138834.148
BH11	Steep spur crest, rock outcrops,	low	644478.58	6142428.83
BH12	Gentle lower slope to creekflats	low	643314.17	6141716.52
BH13	broad spurline crest, short grass 40% gsv, rock outcrops	low	645362.79	6140983.44
BH14	Edge of drainage swale, below quarry pit, lower slopes	low	641925.85	6140222.69
BH15	broad spurline crest, short grass	low	644727	6139759.94
BH16	NA - middle slopes	low	645745.67	6136961.2
BH17	NA - Broad open crest -	low	645624	6136079
BH18	gentle undulating slopes - open paddock	low	649630.2787	6138129.977
BH19	lower undulating slopes - open paddock	low	649786.9375	6137808
BH20	Lower slopes - open paddock	low	649461.54	6137580.42

ID	Landform	Potential	POINT_X	POINT_Y
BH21	Open flat - tussock paddocks	low	649312.5625	6137922.5
BH22	Upper slopes undulating slopes (valleys) grass coverage - broad	low	648135.9876	6135354.729
BH23	slopes	low	646968.7804	6134589.137
BH24	Rocky crest - no soils	low	649541.5456	6134339.783
BH25	crest on descending spurline - steep gradient to reach,	low	648150.37	6133071.93