



NGH



Addendum Aboriginal Cultural Heritage Assessment

Blind Creek Solar Farm

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Acronyms and Abbreviations

ACHCRP	Aboriginal Cultural Heritage Consultation Requirements for Proponents
ACHA	Aboriginal Cultural Heritage Assessment
ACT	Australian Capital Territory
AHIMS	Aboriginal Heritage Information Management System
BCSF	Blind Creek Solar Farm
DP	Deposited Plan
DPC	Department of Premier and Cabinet
DPIE	Department of Planning, Industry and Environment (NSW)
EIA	Environmental Impact Assessment
EIS	Environmental Impact Statement
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i> (NSW)
ESD	Ecologically Sustainable Development
Ha	hectares
Heritage Act	<i>Heritage Act 1977</i> (NSW)
Heritage NSW	Heritage NSW, within the Department of Premier and Cabinet (formerly part of OEH)
km	Kilometre
kV	Kilovolt
LALC	Local Aboriginal Land Council
LGA	Local Government Area
m	Metre
NGH Pty Ltd	NGH
NPW Act	<i>National Parks and Wildlife Act 1974</i> (NSW)
NPW Regulation	National Parks and Wildlife Regulation 2019 (NSW)
NSW	New South Wales
PAD	Potential Archaeological Deposit
PV	Photovoltaic
RAP(s)	Representative Aboriginal Party(ies)
SEARs	Secretary's Environmental Assessment Requirements
SSD	State Significant Development
WFC	White Fronted Chat

Executive Summary

NGH Pty Ltd was commissioned by Blind Creek Solar Farm Pty Ltd to undertake a desktop Aboriginal Heritage assessment as an addendum to the Aboriginal Cultural Heritage Assessment completed by NGH (2022) to inform an Environmental Impact Statement as part of the Environmental Impact Assessment approval process for the proposed Blind Creek Solar Farm on the south eastern shoreline of Lake George, NSW.

As of September 2022, the current status of the Blind Creek Solar Farm project is in the Response to Submissions stage (SSD-13166280). The purpose of this addendum Aboriginal Heritage assessment is to address several works that were not assessed in the main Aboriginal Cultural Heritage Assessment. This document should be read in context to the main Aboriginal Cultural Heritage Assessment (NGH 2022) and will be referred to in the Conditions of Consent once approval is complete.

The purpose of this addendum is to provide an assessment of three proposed works that were not assessed as a part of the original Aboriginal Cultural Heritage Assessment by NGH (2022). These three works are either limited in their overall scope and impact footprint or are within areas containing significant levels of historical disturbance. The additional works are as follows:

1. Plantings to screen the solar farm from neighbours.
2. Revegetation of certain areas to accommodate the habitat of the vulnerable bird, the White Fronted Chat.
3. Extension of the proposed intersection area of Tarago Road and the entrance to the proposed solar farm.

Impact Assessment

The recorded AHIMS registered sites and landforms to be impacted by the proposed additional works – which were previously not assessed in the main Aboriginal Cultural Heritage Assessment – are shown in Table 1-1 and Table 1-2 below.

Table 1-1 AHIMS sites to be impacted by the proposed additional works.

AHIMS #	Site name	Landform	Impact Activity	Type of harm	Degree of harm	Consequence of harm	Recommendation
57-2-0703	CWF2-IF-03	Strandline	Revegetation works associated with habitat offset for the WFC	Partial	Partial surface. Minimal subsurface	Partial Loss of Value	Surface collection.
57-2-0708	CWF2-IF-08	Strandline	Revegetation works associated with habitat offset for the WFC	Partial	Partial surface. Minimal subsurface	Partial Loss of Value	Surface collection.

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AHIMS #	Site name	Landform	Impact Activity	Type of harm	Degree of harm	Consequence of harm	Recommendation
57-2-1177	BCSF : Artefact Scatter 2	Strandline	Revegetation works associated with habitat offset for the WFC	Partial	Partial surface. Minimal subsurface	Partial Loss of Value	Surface collection.

Table 1-2 Landform impacts and mitigation measures.

Landform	Archaeological Potential	Number of AHIMS Sites Present	Works proposed in this landform	Recommendations and Mitigation Strategy
Strandline	High	Seven AHIMS sites present	Revegetation works to provide a habitat offset for the White Fronted Chat.	Surface salvage collection of recorded AHIMS sites that cannot be avoided by the additional works must be performed prior to the commencement of works. The proponent should engage a minimum of two members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.
Beach	High	None within additional works areas	Revegetation works to provide a visual screen of the proposed solar farm	No archaeological mitigation required. The proponent should engage a minimum of two members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.
Elevated Creek Flat	High	None within additional works areas	Revegetation works to provide a habitat offset for the White Fronted Chat.	No archaeological mitigation required. The proponent should engage a minimum of two members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.
Low Spurs	Low-Moderate	None within additional works areas	Revegetation works to provide a visual screen of the proposed solar farm	No archaeological mitigation required. The proponent should engage a minimum of two members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.
Undulating Plain	Moderate to High	None within additional works areas	Revegetation works to provide a visual screen of the proposed solar farm	No archaeological mitigation required. The proponent should engage a minimum of two members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.

Landform	Archaeological Potential	Number of AHIMS Sites Present	Works proposed in this landform	Recommendations and Mitigation Strategy
Floodplain	Low	None within additional works areas	Revegetation works to provide a habitat offset for the White Fronted Chat	No archaeological mitigation required. The proponent should engage a minimum of two members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.
Basal Slopes	Low	None within additional works areas	Revegetation works to provide a visual screen of the proposed solar farm	No archaeological mitigation required. The proponent should engage a minimum of two members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.

Recommendations

Based on an assessment of the project, the location and previous level of disturbance, the proposed additional works can proceed with caution with consideration to the recommendations outlined in the main Aboriginal Cultural Heritage Assessment (NGH 2022, see Section 1.3) and with the following recommendations:

1. All works associated with the intersection upgrade along Tarago Road and the main entrance road for the proposed Blind Creek solar farm can proceed with caution within the existing road reserve.
2. Where plantings are required for screening or as an offset habitat for the White Fronted Chat within the Development Site, the following is recommended:
 - a. A surface collection of registered Aboriginal objects and unexpected finds within the planting corridor must take place prior to any works taking place
 - b. The planting of native vegetation must be performed by hand and using hand tools to minimise the potential impacts to unrecorded Aboriginal objects.
 - c. The proponent should consider engaging representatives from the local Aboriginal community to be present or assist with the vegetation planting for screening and the White Fronted Chat habitat offset associated with the proposed Blind Creek Solar Farm.
 - d. Any unexpected finds collected during the surface collection or hand digging stages of the works should be held in temporary storage by NGH until the Proponent and the local Aboriginal community come to an agreement on how they should be managed.
3. All works must be constrained to the areas of existing disturbance and any activity proposed outside of the current assessment area should also be subject to an addendum Aboriginal heritage assessment.
4. Although not an archaeological management recommendation, where possible, consideration should be given to the request for collection of native vegetation that is to be removed as part of the project development.

Further archaeological assessment would be required if the proposal activity extends beyond the area assessed in this report. This would include consultation with the registered Aboriginal parties and may include further field survey.

1. Introduction

NGH was commissioned by Blind Creek Solar Farm Pty Ltd (the Proponent) to undertake a desktop Aboriginal Heritage assessment as an addendum to the Aboriginal Cultural Heritage Assessment (ACHA) completed by NGH (2022) to inform an Environmental Impact Statement (EIS) as part of the Environmental Impact Assessment (EIA) approval process for the proposed Blind Creek Solar Farm on the south eastern shoreline of Lake George, NSW. The EIS was placed on public submission from Tuesday 7th June 2022 to Thursday 7th July 2022.

As of September 2022, the current status of the Blind Creek Solar Farm (BSCF) project is in the Response to Submissions stage (SSD-13166280). The purpose of this addendum Aboriginal Heritage assessment is to address several works that were not assessed in the main ACHA. This document should be read in context with the original ACHA (NGH 2022) and will be referred to in the Conditions of Consent once approval is complete.

The proposed solar farm involves the construction, operation and decommissioning of a photovoltaic (PV) solar array that would supply electricity to the national electricity grid. The BCSF would generate up to 420MW (DC) (350MW (AC)) and produce up to approximately 800,000MWh in a typical meteorological year.

1.1 The Project

The proposed Blind Creek Solar Farm is located along Tarago Road, approximately 8 km north of Bungendore, NSW, and 35km north-east of Canberra, ACT (refer to Figure 1-1 below) and within the Queanbeyan-Palerang Local Government Area (LGA) (Parishes of Currandooly and Ellenden, County of Murray). The key features of the project are summarised in the list provided below. The component specifications and location of infrastructure are subject to some modification during detailed design. It should be noted that since the submission of the main ACHA as part of the EIA process, the Development Site has been modified slightly by the removal of two areas, one in the north and the other in the south. This change is shown in Figure 1-2 below. Maps that have been taken from the main ACHA for context or results do not show this change but those that were created for this addendum assessment use the new Development Site footprint.

The Project includes the following main infrastructure components:

- Approximately 850,000 PV single axis tracking solar modules (mounted on pile-driven foundations)
- Approximately 85 inverters and transformers
- A BESS including nominally 300MW / 600MWh of lithium-ion batteries with inverters
- An onsite 330 kilovolt (kV) substation connected to the existing 330kV transmission line that passes through the site
- Underground cabling to connect solar modules, combiner boxes, Power Conversion Units and batteries, data services and communications
- Buildings to house a site office, switchgear, protection and control facilities, maintenance facilities, storage and staff amenities
- A communications tower for high reliability grid operations
- Internal tracks, new and upgraded sections totalling approximately 27 km

- Perimeter security fencing (if required), closed-circuit television and security lighting at the switching station, BESS and O&M building area, only
- Stock fencing and water
- Visual amenity plantings in specific locations
- Site access intersection upgrades off Tarago Road.

The additional works that were not assessed in the 2022 ACHA include:

1. Plantings to screen the solar farm from neighbours.
2. Revegetation of certain areas to accommodate the habitat of the vulnerable bird, the White Fronted Chat.
3. Extension of the proposed intersection area of Tarago Road and the entrance to the proposed solar farm.

During construction phase, temporary facilities would include a laydown area with secure compound, construction site offices and amenities and car and bus parking areas for construction staff. The construction phase of the Project is expected to take approximately 12 to 18 months and the Project would have an operational life of nominally 35 years or more.

Infrastructure components are detailed in Section 4.3 of the Project EIS (NGH 2022).

The Development Site comprises of 1225ha within the following Lot and Deposited Plans (DPs):

- Lot 1 DP237079
- Lot 1 DP456698
- Lot 1 DP1154765
- Lot 2 DP1154765
- Lot 2 DP1167699
- Lot 2 DP237079
- Lot 3 DP237079
- Lot 4 DP237079
- Lot 9 DP237079
- Lot E DP38379

The additional works will take place within the same Lot/DPs mentioned above as well as within active road reserves.

1.2 Project Personnel

The desktop Aboriginal Heritage assessment was carried out by qualified archaeologist Jorge Fuenzalida Miralles of NGH. Qualified archaeologist Matthew Barber (NGH General Manager – Heritage) reviewed the report.

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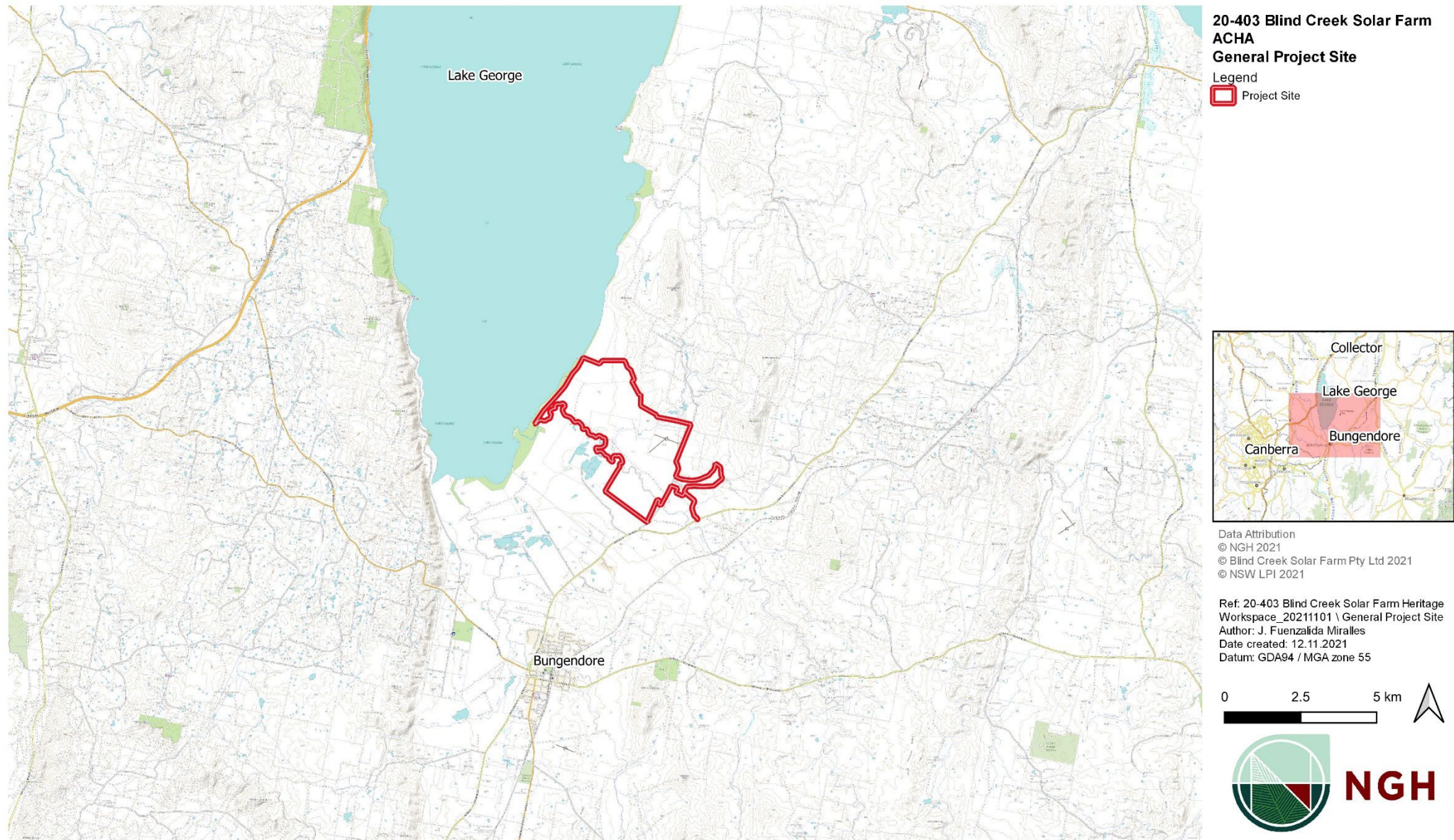


Figure 1-1 General Development Site.

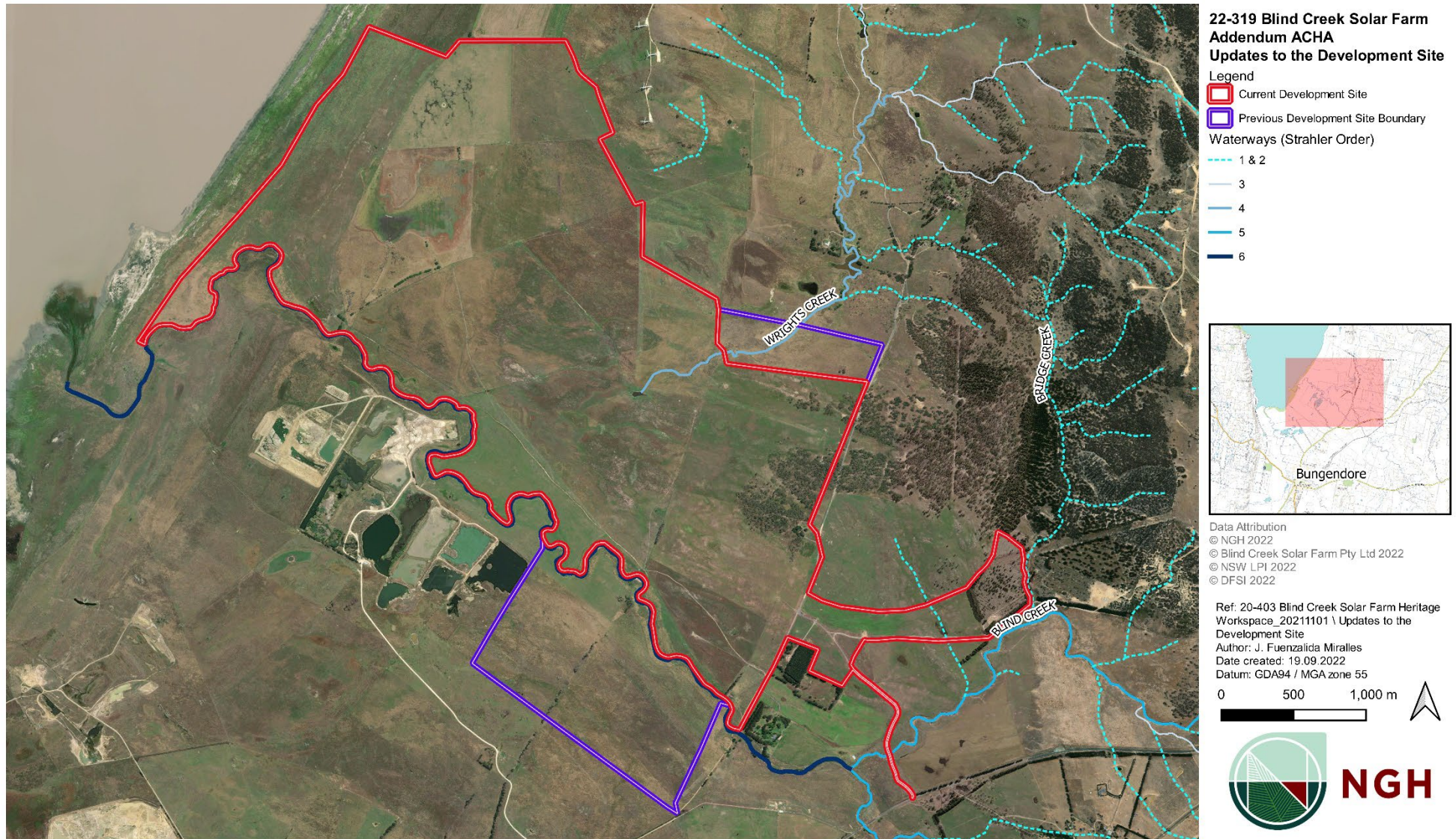


Figure 1-2 Development Site Updates for the proposed Blind Creek Solar Farm post ACHA submission.

1.3 Summary of the Blind Creek Solar Farm ACHA (2022)

NGH was initially contracted by the Proponent to prepare and ACHA to assess the potential impacts of the proposed Blind Creek Solar Farm on recorded and unrecorded Aboriginal heritage values within the Development Site. Following the Aboriginal Consultation requirements set out in Clause 60 of the *National Parks and Wildlife Amendment Regulation 2019* and the consultation steps NGH contacted a list of potential stakeholders provided by relevant agencies (i.e. Heritage NSW, Queanbeyan-Palerang Regional Council, NTSCorp, Local Land Services, etc.) and registered any expressions of interest in the project from members of the Aboriginal Community. In consultation with Heritage NSW and the registered Aboriginal parties to this project, NGH proposed an ACHA methodology that aimed to predict and test the archaeological sensitivity of the subject land to assist the Proponent in designing the development footprint to avoid highly sensitive archaeological landforms or to develop strategies to mitigate any potential impacts. This approach influenced the Proponent to entirely avoid impact on previously undisturbed strandlines adjacent to Lake George, even prior to commencement of fieldwork. The fieldwork for the project was completed in two stages, from the 22nd July - 6th August 2021 and from the 18th - 22nd of October 2021. The fieldwork – which involved survey and test excavations – resulted in the identification of 38 new surface sites and 21 areas containing subsurface archaeological deposits. The landforms surveyed during the fieldwork are shown in Figure 1-3 below.

After the completion of fieldwork and assessment of the significance of the sites recorded, the proposed solar farm was redesigned to avoid impacts on:

- 14 out of 18 previously registered AHIMS sites;
- 10 out 27 NGH recorded artefact scatters;
- 2 out of 11 NGH recorded isolated artefacts; and
- Protection of any potential and subsurface deposits within these archaeologically sensitive landforms. Based on the assessment of the significance of these landforms, these sites are also likely to represent sites with higher scientific research value.

However, impacts could not be avoided on all areas of Aboriginal and archaeological sensitivity within the Development Site and as a result a series of mitigation measures were designed to minimise the impact on Aboriginal objects by the proposed works. The 12 recommendations made to mitigate these impacts – which include the preparation of a Cultural Heritage Management Plan (CHMP) as well as surface and subsurface salvage works – are described in detail within Section 12 of the main ACHA. Figure 1-4 below shows where mitigation measures across the Development Site as assessed in the main ACHA were proposed.

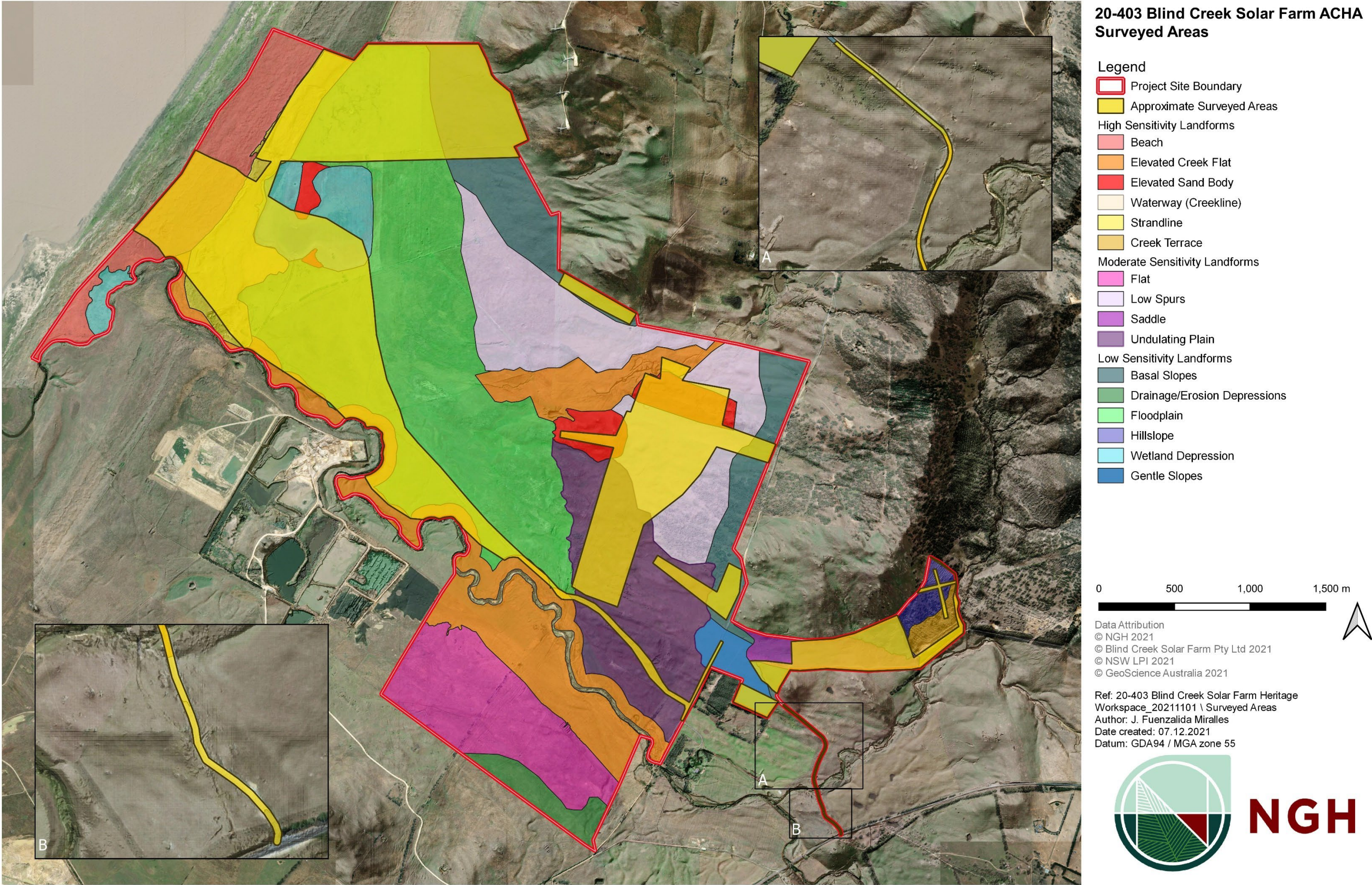
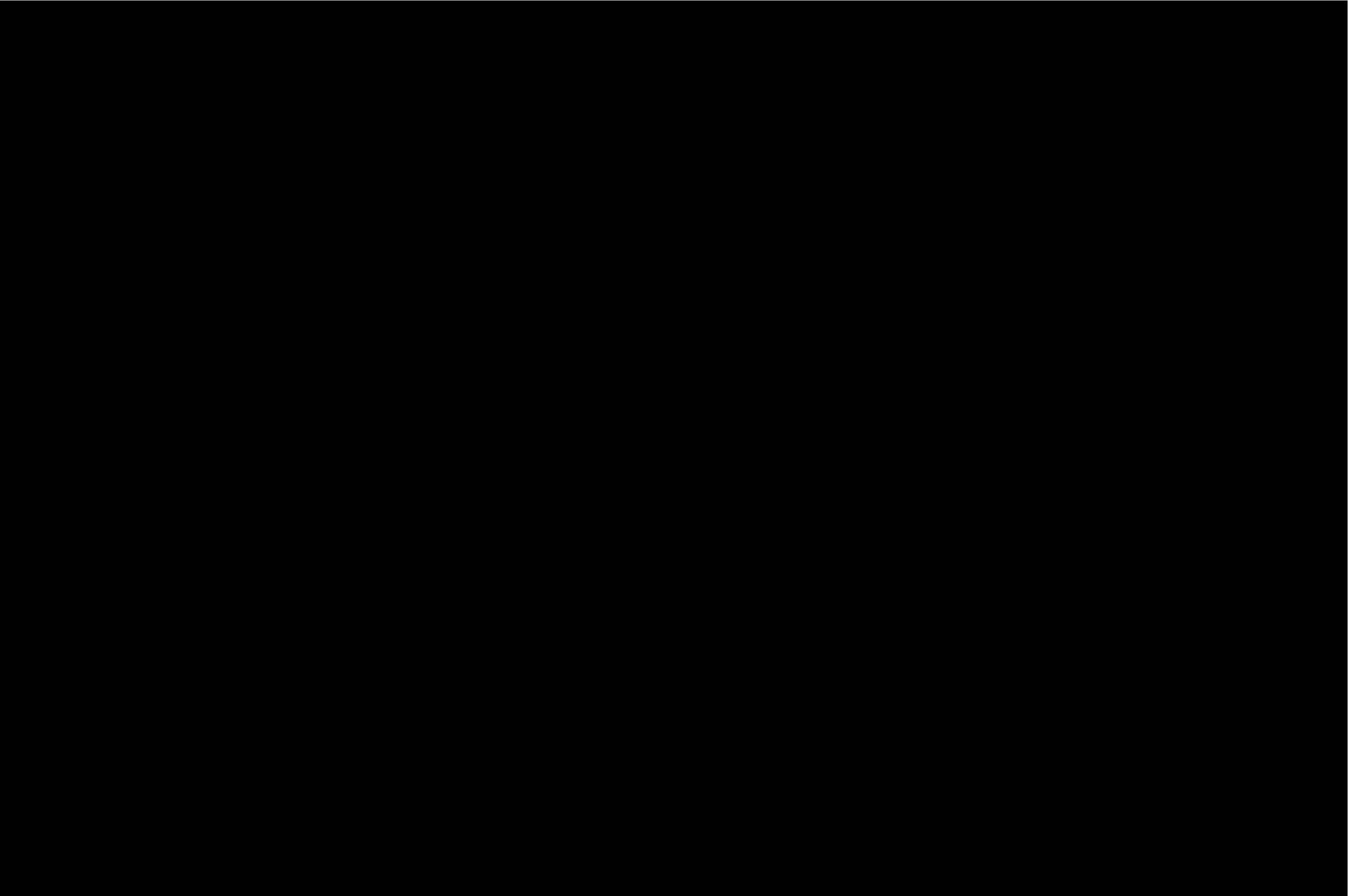


Figure 1-3 Areas surveyed during the original ACHA within initial predictive landform model.



2. Legislative Context

Aboriginal heritage is primarily protected under the NSW *National Parks and Wildlife Act 1974* (NPW Act) and the National Parks and Wildlife Regulation 2019. The NPW Act is administered by Heritage NSW, part of the NSW Department of Planning, Industry and Environment (DPIE). However, the protection and management of Aboriginal objects is the responsibility of Heritage NSW, part of the NSW Department of Premier and Cabinet (DPC).

The aim of the NPW Act includes:

The conservation of objects, places or features (including biological diversity) of cultural value within the landscape, including but not limited to places, objects and features of significance to Aboriginal people.

An Aboriginal object is defined as:

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

Part 6 of the NPW Act concerns Aboriginal objects and places and various sections describe the offences, defences and requirements to harm an Aboriginal object or place. The main offences under section 86 of the NPW Act are:

- A person must not harm or desecrate an object that the person knows is an Aboriginal object.
- A person must not harm an Aboriginal object.
- For the purposes of this section, "circumstances of aggravation" are:
 - that the offence was committed in the course of carrying out a commercial activity, or
 - that the offence was the second or subsequent occasion on which the offender was convicted of an offence under this section.
- A person must not harm or desecrate an Aboriginal place.

Section 89A of the Act also requires that a person who is aware of an Aboriginal object must notify the Director-General in a prescribed manner. In effect this section requires the completion of an AHIMS site card for all sites located during heritage surveys.

The *Environmental Planning and Assessment Act 1979* (EP&A Act) is legislation for the management of development in NSW. It sets up a planning structure that requires developers (individuals or companies) to consider the environmental impacts of new projects. Under this Act, cultural heritage is considered to be a part of the environment. This Act requires that Aboriginal cultural heritage and the possible impacts to Aboriginal heritage that development may have, are formally considered in land-use planning and development approval processes.

This project will be assessed under an Environmental Impact Assessment through the State Significant Development (SSD) process and the Secretary's Environmental Assessment Requirements (SEARs) for SSD-13166280. This Aboriginal Heritage assessment will form an addendum to the original ACHA prepared by NGH to support the EIS. This approval pathway does not require an AHIP (Section 90 of the NPW Act) to impact upon Aboriginal heritage but the same procedures and guidelines are followed, in particular the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*.

3. Aboriginal Consultation

The consultation with Aboriginal stakeholders for this project was undertaken in accordance with Section 60 of the *National Parks and Wildlife Amendment (Aboriginal Objects and Aboriginal Places) Regulation 2019* and following the process outlined in the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (ACHCRP). The guide outlines a four-stage process of consultation as follows:

- Stage 1 – Notification of project proposal and registration of interest.
- Stage 2 – Presentation of information about the proposed project.
- Stage 3 – Gathering information about cultural significance.
- Stage 4 – Review of draft cultural heritage assessment report.

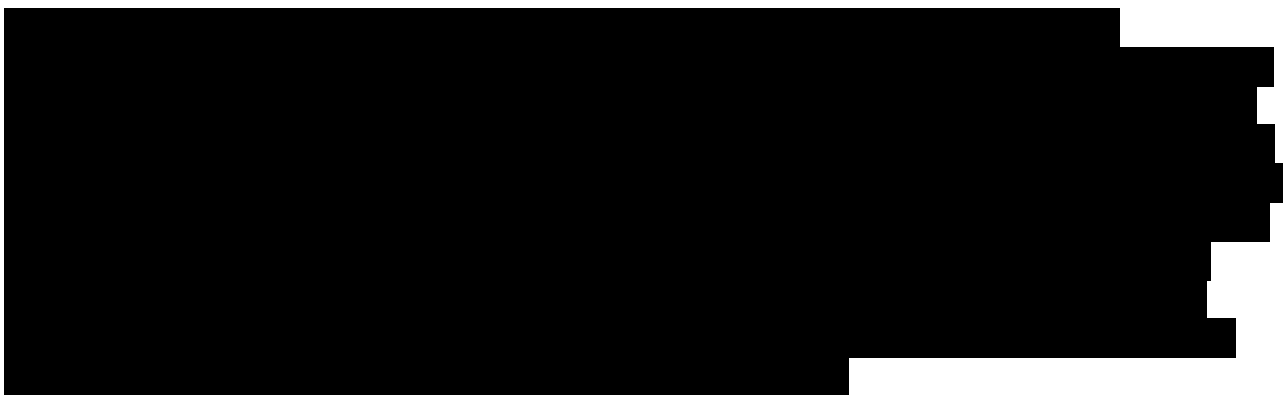
The full consultation process had already been completed for the main ACHA (NGH 2022). However, this addendum report will be provided to all Registered Aboriginal Parties (RAPs) to the project for a 28-day review period to allow the community to provide comments on the proposed additional works. Any comments received by the RAPs will be incorporated into the final addendum assessment.

Stage 4a. On the 29th September 2022, a draft version of this *Addendum Aboriginal Cultural Heritage Assessment Report* for the proposal (this document) was forwarded to the RAPs inviting comment on the results, the significance assessment and the recommendations. The minimum 28 day consultation period ended on the 27th October 2022.

3.1 Aboriginal Community Feedback

In consultation with Aboriginal knowledge holders throughout this project, no further cultural knowledge was provided on top of that which was given for the original ACHA (NGH Pty Ltd 2022).

Both Murra Bidge Mullangari, Mundawari Heritage Consultants, and Muragadi Heritage Indigenous Corporation responded to the request for comments stating that they had no issues with the draft document and agreed with the recommendations. All consultation performed as a part of this addendum ACHA is included in Appendix A below; all confidential communication is redacted from the public version of this document.



No other written or verbal comments were received from RAPs as part of the consultation review process of the draft addendum ACHA report. As a result, the report was finalised.

4. Review of Aboriginal Archaeological Context

A search of the Aboriginal Heritage Information Management System (AHIMS) was undertaken for the ACHA on the 5th November 2020. The results of the Aboriginal Heritage Information Management System (AHIMS) search are valid for 12 months so another search was undertaken on the 25th February 2022.

An initial search of the AHIMS database was conducted for the ACHA using a map search over the general Lake George area. The parameters for this search were as follows:

- Client Service ID: 547771
- Date: 05/11/2020
- From: -35.2482 (Latitude), 149.4097 (Longitude)
- To: -35.1457 (Longitude), 149.5724 (Longitude)
- Buffer: 50m
- Number of Aboriginal sites and Aboriginal objects found: 103
- Number of declared Aboriginal Places found: 1 (within 50km).

The Aboriginal Place identified in the search is Millpost Axe Quarry, located approximately 16km south-east the Proposal Site.

Of the 103 registered sites within the search parameters, 18 archaeological sites currently recorded on AHIMS are within the Development Site. Table 4-1 breaks down the sites identified in the region by site type, while the sites located within the Development Site are summarised in Table 4-2 below and can be seen in Figure 4-1 and Figure 4-2 below.

Table 4-1 Breakdown of previously recorded Aboriginal sites in the region

Site Type	Number
Artefact	86
Potential Archaeological Deposit (PAD)	14
Art (pigment or engraved)	2
Potential Archaeological Deposit (PAD), Artefact	1
Total	103

As the initial AHIMS extensive search had lapsed, a new AHIMS extensive search was conducted on the 25th February 2022. The parameters for this search were as follows:

- Client Service ID: 662695
- Date: 25/02/2022
- The search was conducted using a shapefile search over the Development Site with a 200 m buffer
- Number of Aboriginal sites and Aboriginal objects found: 92
- Number of declared Aboriginal Place found: 0

Of the 92 registered sites within this search a total of 59 – including a restricted site – were recorded and submitted as sites as a part of the ACHA for the solar farm. The remaining 33 sites were represented in the original AHIMS extensive search conducted on the 5th November 2020. As a result, all AHIMS sites within and adjacent to the Development Site have been considered by this addendum study.

Table 4-2 AHIMS sites within or adjacent to the Development Site.

Site Number	Site Name	Site Type	Distance to Project (m)	Site Status on AHIMS
57-2-0059	Lakelands;	Artefact	Within the Development Site	Valid
57-2-0020	Currandooly 2; Lake George;	Artefact	Within the Development Site	Valid
57-2-0588	Grantham Park 2	Artefact	28 m south-west of the Development Site	Valid
57-2-0676	CSF-SU38/L1	Artefact	20m east of the Development Site	Valid
57-2-0701	CWF2-IF-01	Artefact	2m south-west of the Development Site	Valid
57-2-0702	CWF2-IF-02	Artefact	Within the Development Site	Valid
57-2-0703	CWF2-IF-03	Artefact	Within the Development Site	Valid
57-2-0704	CWF2-IF-04	Artefact	Within the Development Site	Valid
57-2-0705	CWF2-IF-05	Artefact	9m north-east of the Development Site	Valid
57-2-0707	CWF2-IF-07	Artefact	Within the Development Site	Valid
57-2-0708	CWF2-IF-08	Artefact	Within the Development Site	Valid
57-2-0790	West Creek Dairy PAD 1	PAD	Within the Development Site	Valid
57-2-0917	Willow Sands	Artefact, PAD	Within the Development Site	Valid
57-2-0642	Grantham Park 3	Artefact	Within the Development Site	Valid
57-2-0732	CWF2-S-01	Artefact	Within the Development Site	Valid
57-2-0733	CWF2-S-02	Artefact	Within the Development Site	Valid
57-2-0734	CWF2-S-03	Artefact	Within the Development Site	Valid
57-2-0735	CWF2-S-04	Artefact	Within the Development Site	Valid
57-2-0736	CWF2-S-05	Artefact	Within the Development Site	Valid
57-3-0213	Bridge	Artefact	Within the Development Site	Valid

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Site Number	Site Name	Site Type	Distance to Project (m)	Site Status on AHIMS
	Creek/Currandooly			
57-3-0458	Bridge Ck SU2/L1	Artefact	Within the Development Site	Valid
57-3-0459	Bridge Ck SU2/L2	Artefact	45m east of the Development Site	Valid
57-3-0460	Bridge Ck SU2/L3	Artefact	60m east of the Development Site	Valid
57-3-0463	Bridge Ck SU3/L3	Artefact	70m east of the Development Site	Valid

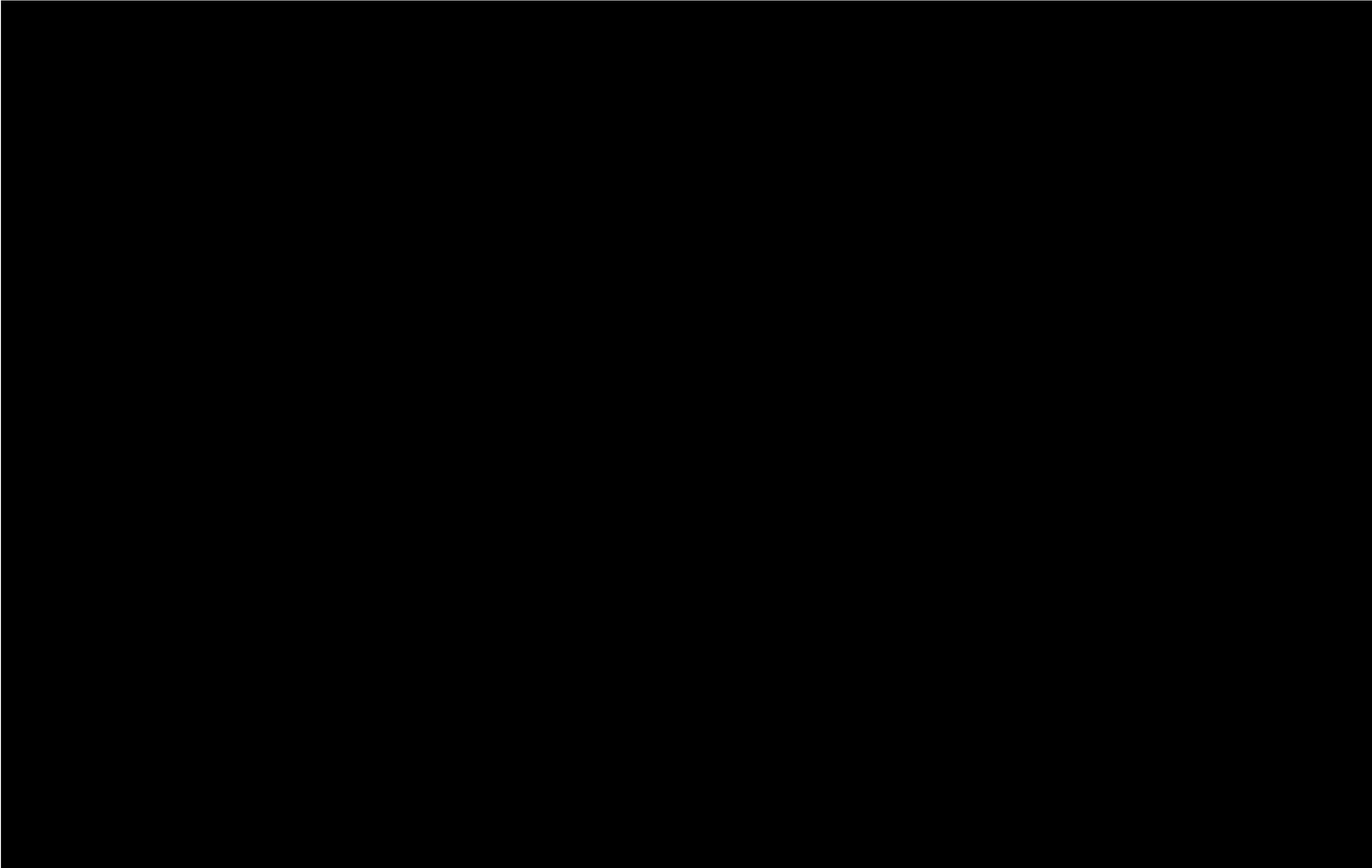


Figure 4-1 AHIMS sites near the Development Site post NGH (2022).

4.1 Archaeological and Landscape Context

This report forms an addendum to the main ACHA to address the potential impact of activities in several areas within or directly adjacent to the original Development Site that were not considered by the original assessment. As these areas fall within the same landscape as the original assessment, it is considered that the cultural, archaeological, and landscape context provided in Sections 4.1, 4.2, and 4.3 of the main ACHA are sufficient for the purposes of this report and no additional information is necessary. The proposed activities assessed by this report are located across the following landforms described in the original report:

- Strandline
- Beach
- Elevated Creek Terrace
- Basal Slopes
- Elevated Sand Body
- Low Spurs
- Undulating Plain
- Flat

The description used for each of these landforms is provided in Table 4-3 below while their locations – and sensitivity ratings – within the Development Site is shown in Figure 4-3 below.

Table 4-3 Description of landforms and their archaeological potential within the Development Site.

Landform	Description	Archaeological Potential	Previous archaeological excavations across landform type
Strandline	Defined as the ridge between the current lake level and the floodplain and depression. Likely formed by continuous movement of lake shore level to leave banded lines of deposits. High sand content and target of sand extraction activity. Consists of a narrow band of elevated deposits, gently or moderately inclined.	High	Portions of this landform was surveyed as a part of the Capitol II Wind Farm (Austral Archaeology 2010). This landform was also excavated by Packard (1992) who found a high density of 799 artefacts across 8 test pits.
Beach	Comprises current shoreline, extending from the current waterline to the Strandline or Beach Ridge. This area represents the receding waterline of Lake George and is a low gradient slope to the water's edge.	High	Portions of this landform was surveyed as a part of the Capitol II Wind Farm (Austral Archaeology 2010). Packard's (1992) results indicate a lower subsurface potential than the strandline landform, however this area is still considered to hold a high archaeological sensitivity.

Landform	Description	Archaeological Potential	Previous archaeological excavations across landform type
Elevated Sand Body	Elongated, gently curved, low ridge built up by wind on the margin of the lake or depression. These ridges are elevated above surrounding terrain and are clearly definable based on elevation and the high sand content and are often targets for sand extraction.	High	These landforms have been subject to previous archaeological excavations (Mosig-Way 2018; Packard 1992; CHMA 2008; LANCE 1985). All results indicate a high archaeological potential across elevated sand bodies within the Lake George region.
Elevated Creek Flat	Defined as a landform pattern including one or more terraces and often associated with but slightly elevated above the flood plain. May be subject to flood events but also may be above some flood levels.	High	These landforms have been subject to previous archaeological excavations (Mosig-Way 2018; Packard 1992; CHMA 2008; LANCE 1985). All results indicate a high archaeological potential across elevated creek flats within the immediate region.
Flat	A broad, level to very minor undulating landform, may be associated with floodplain or lake bed deposits.	Moderate	Packard (1992) conducted test excavations across flat landforms, however notably more associated with water sources. There have been no excavations within the immediate region that have produced results from flats that are not associated with water sources.
Low Spurs	Characterised by low ridges of land descending from a hill or ridge, elevated above the surrounding landscape and separated by drainage channels. This landform includes those drainage channels as they are wide and ephemeral. The spurs are generally low gradient, and have wide, flat crests.	Moderate	No archaeological investigations across a low spur landform in the immediate region, however archaeological modelling would indicate a moderate potential.
Undulating Plain	Area of generally low elevation terrain, interspersed with slightly elevated ground that form mostly east-west orientated rises between shallow depressions. This landform has a low but discernible relief of approximately 1-2 metres.	Moderate	Packard's (1992) results indicate the low-lying landforms, including the undulating plain, have a low potential for subsurface archaeological deposit.

Landform	Description	Archaeological Potential	Previous archaeological excavations across landform type
Basal Slopes	Areas of moderately to very gently inclined waning lower slope at the base of major ridges and hills, associated with colluvial sediment movement.	Low	The results of the Austral Archaeology (2009) subsurface investigations confirmed the slopes as areas of use whilst travelling through the landscape but not as focus of industry or occupation. The predictive models widely accepted for Aboriginal occupation habits indicate that there is low potential for permanent or semi-permanent sites on landforms with moderate to high degrees of slope. While these landforms were likely traversed at some point, land use is believed to have been sporadic.
Floodplain	Alluvial plain characterised by frequent active aggradation by overbank stream flow or through high lake-fill episodes. The first area inundated within this landscape after rain or floods, the lowest lying area.	Low	The results of Packard's (1992) investigations at Currandooley indicate that there are some artefacts within the floodplain landform, however these are found in extremely low densities and are unlikely to be <i>in situ</i> , the result of the depositional nature of a floodplain environment.

Note that this has been adapted from Table 4-11 of the original ACHA and omits details/landforms not relevant to this assessment and includes the updates to archaeological potential made after the completion of fieldwork.

4.2 Summary of Landscape Potential in Additional Works Areas

The surface survey conducted in the main ACHA led to the identification of 38 new sites within the Development Site across landforms predicted to contain high, moderate, and low archaeological potential. While the predictive model was updated to reflect the results of the survey (see Section 5.3.2 of the main ACHA), it was found that the modelling was largely accurate in predicting the potential for sites to occur on their respective landforms. The summary of the survey results and recorded surface artefacts within the Development Site is shown in Table 4-4 below. It clearly supports the refined predictive model that was established after the survey by showing the difference between the density of sites recorded per hectare of effective survey coverage across high, moderate, and low sensitivity landforms.

Table 4-4 Summary of survey results and recorded surface artefacts within the Development Site (adapted from NGH 2022:87).

Landform Sensitivity	Total Landform Area (Ha)	Surveyed Area (Ha)	Effective Survey Coverage (Ha)	Surface Sites Recorded	Sites recorded per Ha of effective coverage
High	325	19.04	1.175	4 Isolated Artefacts 15 Artefact Scatters	16.2
Moderate	369	25.50	2.7414	5 Isolated Artefacts 9 Artefact Scatters	5.1
Low	530	34.65	2.286	2 Isolated Artefacts 3 Artefact Scatters	2.2

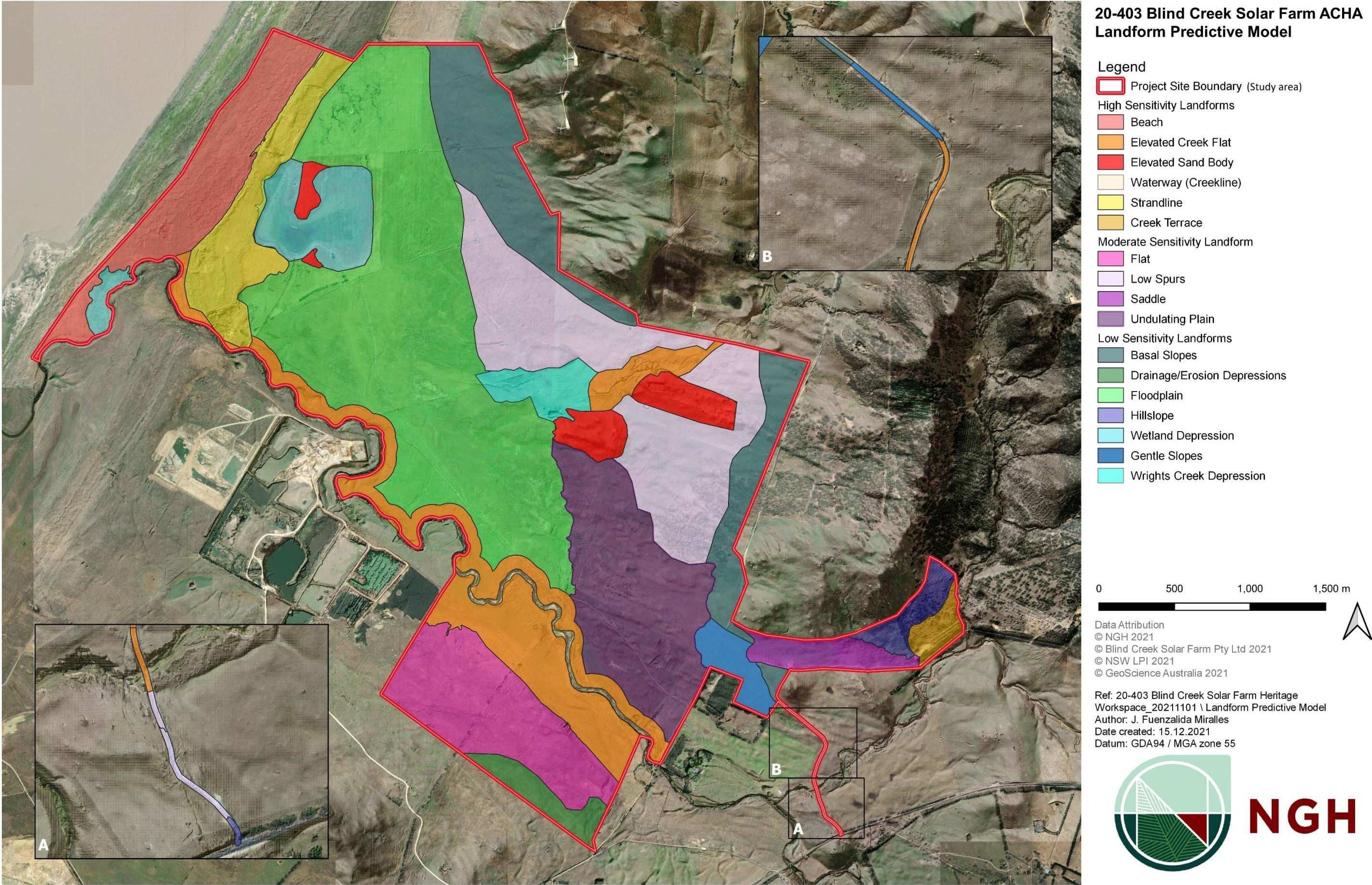
Subsequent test excavations within the Development Site further supported that refined predictive model, clearly showing that the majority of *in situ* archaeological material is located within landforms with intact elevated sandy deposits (i.e. elevated sand body, creek terrace, and sections of the undulating plain). It should be noted that while excavations within the elevated creek flat and strandline landforms recorded few subsurface artefacts, testing in these areas was limited and within areas where it was likely that historical land use had removed the main artefact bearing deposits (i.e. sand mining). The subsurface archaeological record throughout the remaining landforms suggested that there was potential for a low-density subsurface artefact scatter to occur.

Table 4-5 Subsurface artefacts recovered from the test excavation programme within the Development Site (NGH 2022:125).

Landform (Sensitivity)	Number of Recorded Artefacts	Number of Test Pits	Average Artefact Density/m ²
Undulating Plain (Moderate)	84	26	12.92/m ²
Low Spurs (Moderate)	3	10	1.2/m ²
Elevated Sand Body (High)	163	15	43.47/m ²
Elevated Creek Flat	6	11	2.18/m ²

Addendum Aboriginal Cultural Heritage Assessment
Blind Creek Solar Farm

Landform (Sensitivity)	Number of Recorded Artefacts	Number of Test Pits	Average Artefact Density/m ²
(High)			
Basal Slope (Low)	17	10	6.8/m ²
Flat (Moderate)	69	20	13.8/m ²
Hillslope (Low)	15	10	6/m ²
Creek Terrace (High)	51	10	20.4/m ²
Strandline (High)	1	10	0.4/m ²
Floodplain (low)	0	5	-
TOTAL	409	127	12.88/m²



5. Cultural Heritage Values and Statement of Significance

No further site visits or excavations were completed as a result of this addendum assessment, resulting in no further archaeological sites or areas of Aboriginal heritage significance being identified. As a result, it is determined that the significance assessment provided in Section 8.1 of the main ACHA is applicable to the proposed additional works and no further assessment of the significance of the sites is required.

6. Assessment of Harm

6.1 Description of Additional Works

The purpose of this addendum is to provide an assessment of three proposed works that were not assessed as a part of the original ACHA by NGH (2022). These three works are either limited in their overall scope and impact footprint or are within areas containing significant levels of historical disturbance. The additional works are as follows:

1. Plantings to screen the solar farm from neighbours.
2. Revegetation of certain areas to accommodate the habitat of the vulnerable bird, the White Fronted Chat (WFC).
3. Extension of the proposed intersection area of Tarago Road and the entrance to the proposed solar farm.

The additional works each have the potential to impact on both recorded and unrecorded Aboriginal heritage within their respective areas. As a result, their potential impacts – or lack thereof – will be assessed below and in Table 6-1 below. The areas subject to the proposed additional works are also shown in Figure 6-1 below.

6.1.1 Revegetation of Several Areas to Act as a Visual Screen or as a Habitat for the White Fronted Chat

The proposed revegetation of certain areas for screening or wildlife habitat will follow a strict planting strategy that has been designed to reduce the potential impacts on Aboriginal heritage. The screening plantings are required to mitigate the potential visual impacts of the proposed solar farm on the local residences of the immediate surrounding area. The habitat vegetation planting for the WFC is required to offset the impacts on the existing plant communities that act as a habitat within the Development Site.

The proposed methodology for planting will be as follows:

- All planting is to be undertaken on-foot and by hand by an experienced landscape contractor in consultation with local nurseries. The plantings will:
 - Be native species that are associated with the relevant plant community types which occur within and adjacent to the proposed solar farm;
 - Be either tall shrubs or small trees for the visual screening or tall shrubs and ground vegetation for the WFC habitat offset;
 - Be mixed and offset to produce a heterogeneous mix of plantings;

- Will minimise the use of large spreading trees that may impact road user safety via limbfall or obstruction of sight lines;
- Be placed further away from the road reserve where larger species are used; and
- Be watered and maintained during establishment to prevent damage from stock/other herbivores.
- A group of 'pioneer species' will be planted in conjunction with other species. The purpose of this is for the pioneer species to grow rapidly and be replaced by slower growing and longer lived species over time
- Where planting is performed near access ways (i.e., roads), the location and species will be selected to ensure that appropriate sight lines are not obstructed
- The perimeter screen plantings will be performed according to the following:
 - In one to two rows of 5 m width;
 - Planted 15 m apart for larger trees or 5 m apart for shrubs;
 - Will follow an alternating planting of shrubs and trees, with the back and front rows staggered;
 - Be located partially within the Butmaroo Creek riparian zone;
 - Be located adjacent to perimeter fencing but with enough space for the plantings to mature.

In following these steps, the revegetation of certain areas within the Development Site by hand avoids the unnecessary impacts that would have occurred if heavy machinery was used. While the use of hand tools to manually plant saplings will still cause some localised disturbance, it is preferable to the more significant disturbances that would be caused by machine-assisted planting.

6.1.2 Extension of the Proposed Intersection Area of Tarago Road and the Entrance to the Proposed Solar Farm

The proposed additional works around the intersection area of Tarago Road and the entrance to the proposed solar farm are limited in their overall scope and will remain within the existing and significantly disturbed road corridor (see Figure 6-2 below). A report prepared by Blind Creek Solar Farm (2022) (see Appendix B) clearly shows the level of disturbance that this area has been subjected to during the initial construction of the road. This report shows that the intersection was originally constructed between 1967 and 1976 in conjunction with the realignment of Tarago Road. The realignment of the road resulted in several key disturbances:

- The 'cutting' of the western road section from the existing north-facing slope of the knoll;
- The building of the eastern road section using a 'fill' over the low-lying marsh area it crosses;
- Cutting of drainage gutters on both sides of the road; and
- Further cutting of the intersection area to install a culvert.

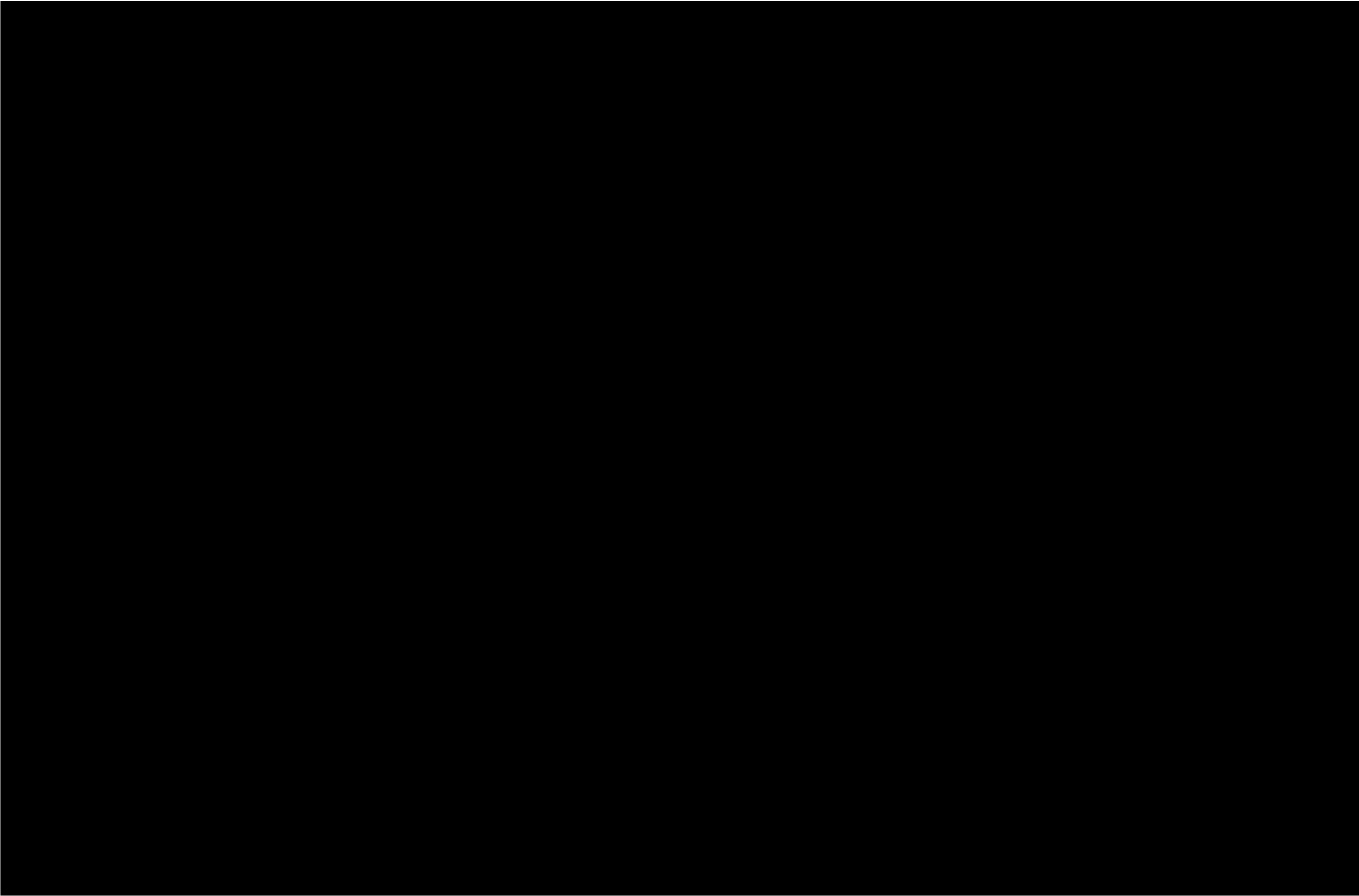
These works resulted in a significant level of disturbance through the removal of the natural landform and introduction of fill to create a level landform. The scale of this disturbance is easily visible in the section profile drawings shown in Appendix B from Figure 6 to 11. The elevation profiles in particular clearly show the areas where large cuts were made and fill introduced. As a

result, it is considered that any Aboriginal objects that may have been present at this intersection in the past have either been destroyed or removed.

Table 6-1 below provides a summary of the potential impacts by the proposed activities. The area of works noted in hectares is for the shaded areas shown in Figure 6-1. The actual ground disturbance in area is considerably less.

Table 6-1 Proposed ground disturbance calculation by the proposed additional works.

Proposed Additional Works	Description	Landform Area of Additional Works (Ha)	Approximate Impact Area of Proposed Works
Revegetation works to provide a visual screen of the proposed solar farm	Hand planting of seasoned tube stock/long stem tube stock	Strandline – 0.8 Ha Beach – 1.1 Ha Low Spurs – 0.2 Ha Undulating Plain – 0.9 Ha Basal Slopes – 1.2 Ha Gentle Slopes – 0.5 Ha	Due to the nature of hand planting pioneer species and seasoned tube stock/long stem tube stock, it is expected that the cumulative ground disturbance associated with these works will be low.
Revegetation works to provide a habitat offset for the White Fronted Chat.	Hand planting of breeding habitat for the WFC (i.e. shrub and groundcover)	Floodplain – 11.2 Ha Strandline – 20.54 Ha Elevated Creek Flat – 9.66 Ha	Due to the nature of hand planting shrub and groundcover, it is expected that the cumulative ground disturbance associated with these works will be very low.
Extension of the Proposed Intersection Area of Tarago Road and the Entrance to the Proposed Solar Farm	Significant works associated with upgrading the intersection.	Road corridor – 0.09 Ha	The additional works will take place within the already disturbed road corridor and will not disturb any registered AHIMS sites or sensitive landforms.



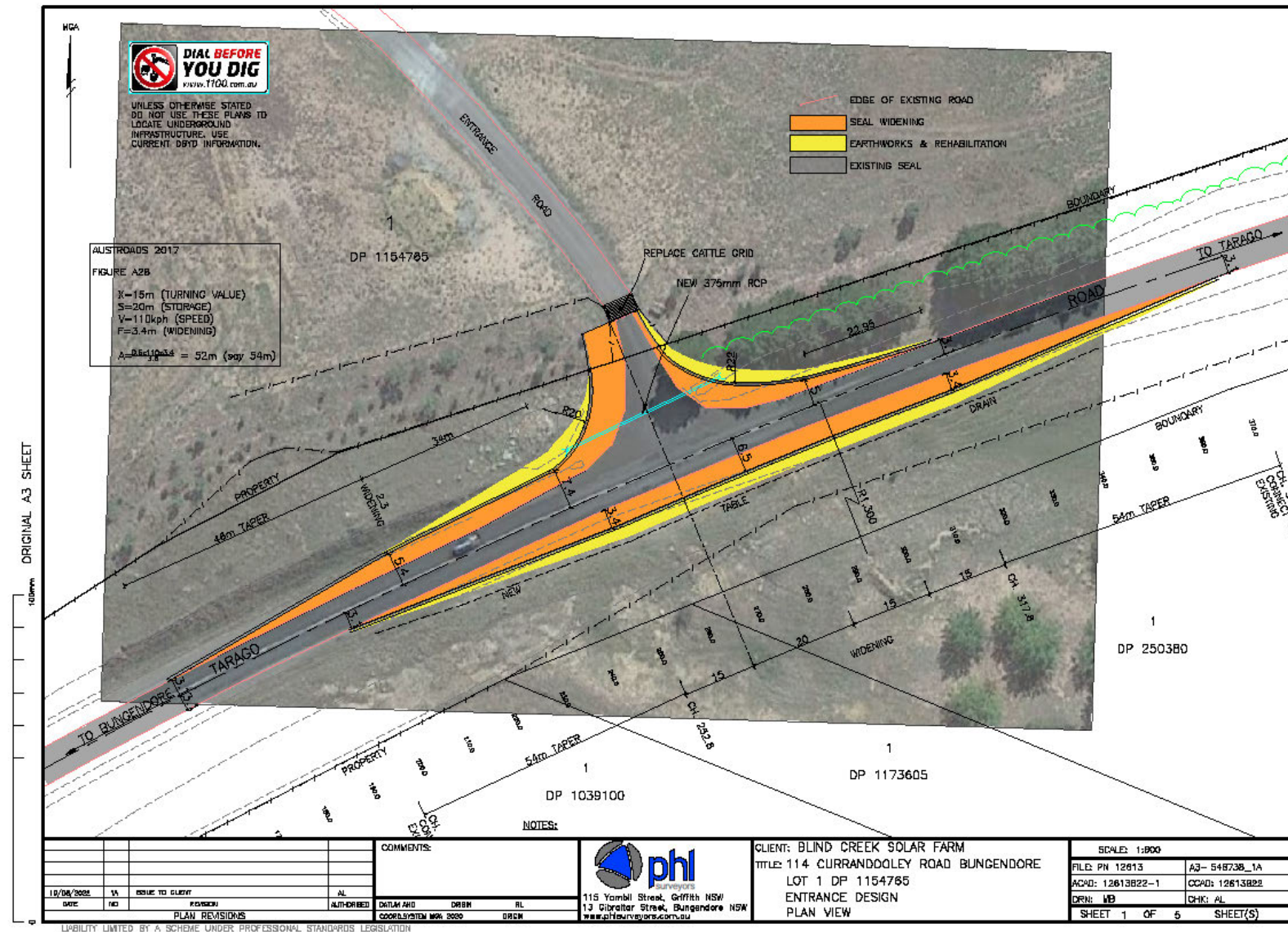


Figure 6-2 Proposed upgrade works to the intersection between Tarago Road and the main entrance road for the proposed Blind Creek Solar Farm.

6.2 Proposed Additional Works Impacts

The proposed additional works, as described above, will cause impacts to the landforms that they are located on. The following statements provide a brief description of the potential impacts that the proposed additional works may cause to Aboriginal heritage within the Development footprint.

Table 6-2 Archaeological sensitivity by landform.

Landform	Archaeological Sensitivity	Previously Recorded Sites
Strandline	High	Artefact scatters, isolated artefacts, subsurface artefact deposits
Elevated Creek Flat	High	Artefact scatters, isolated artefacts, subsurface artefact deposits
Beach	High	Artefact scatters, isolated artefacts
Low Spurs	Moderate	Artefact scatters, isolated artefacts, subsurface artefact deposits
Undulating Plain	Moderate	Artefact scatters, isolated artefacts, subsurface artefact deposits
Basal Slopes	Low	Subsurface artefact deposits
Floodplain	Low	Artefact scatters, isolated artefacts
Gentle Slopes	Low	No sites previously identified

6.2.1 Visual Screen Vegetation Planting

While the impacts associated with the hand planting of vegetation will be dispersed over the areas described in Table 6-1, they will not impact the entire area described. Instead, this figure represents the maximum possible area in which the works will be taking place. In the instance of hand planting for the visual screening, shrubs and small trees will be hand planted according to the proposed methodology outlined above. This will involve the use of hand tools to excavate small holes to plant the vegetation at intermittent intervals along a 20 m corridor. As a result, while the works will be located within an approximately 4.7 Ha area, the actual area impacted will be significantly less than the works area. Considering that each planting will be at least 5 m apart and excavated by shovel or auger, based on an assumption of excavation being 0.2 x 0.2 m in area, 1000 plantings would impact only 40 m², or 0.004 Ha.

While the proposed works are located within landforms where artefact scatters, isolated artefacts, and subsurface artefact deposits have been identified (see Table 6-2 above), it is determined that

the works have a low cumulative potential to impact on Aboriginal heritage due to the small and localised disturbances that will be created over a large area.

6.2.2 White Fronted Chat Habitat Offset Vegetation Planting

While the impacts associated with the hand planting of vegetation will be dispersed over the areas described in Table 6-1, they will not impact the entire area described. Instead, this figure represents the maximum possible area in which the works will be taking place. In the instance of hand planting for the WFC habitat offset, shrubs and groundcover will be hand planted according to the proposed methodology outlined above. This will involve the use of hand tools to excavate small holes to plant the vegetation at intermittent intervals within the roughly 41.4 Ha habitat offset area. As a result, the actual area impacted will be significantly less than the total works area. Similar to the calculation outlined above, it is likely that physical ground disturbance will be 40 m² per 1000 plantings, spread out over an area of 41.4 Ha.

While the proposed works are located within landforms where artefact scatters, isolated artefacts, and subsurface artefact deposits have been identified (see Table 6-2 above), it is determined that the works have a low cumulative potential to impact on Aboriginal heritage due to the small and localised disturbances that will be created over a large area.

6.2.3 Proposed Intersection Upgrade

For the purposes of the proposed intersection upgrade, while impacts will be more intense in comparison to the vegetation works, they will be confined to the existing road corridor and will not include undisturbed sensitive archaeological landforms. It is therefore concluded that the proposed intersection upgrades for the Blind Creek Solar Farm along Tarago Road have a negligible potential to impact on Aboriginal heritage and that no further mitigations measures are required for these works.

6.3 Consideration of Ecologically Sustainable Developments

Consideration of the principles of Ecologically Sustainable Development (ESD) as part of this assessment has been undertaken ensure that the proposed development meets the needs of the present without compromising the ability of future generations to meet their own needs. The three principles that are most relevant to the assessment of harm to sites are the Precautionary Principle, Intergenerational Principle, and the Diversity Principle.

Where impact cannot be avoided in order that the proposed project might remain viable, the main consideration was the cumulative effect of the proposed impact to the sites and the wider archaeological record. Heritage assessments of current and previous development projects within the Lake George region have resulted in an increase in the knowledge of site location, Aboriginal land use of area, and size of sites in the region. Though some of these sites have been impacted by developments, they have contributed to the understanding of cultural heritage in the region.

The principle of inter-generational equity requires the present generation to ensure that the sites and diversity of the archaeological record is maintained or enhanced for the benefit of future generations. The land use disturbances that have occurred to date have impacted the sites in some ways but, with the exception of areas subject to sand mining, the impacts have been relatively minor and relate to the movement and displacement of artefacts through the soil profile through farming activity. This leads us to conclude that the current diversity of the archaeological record has not been significantly impacted within the Development Site, although the integrity of site deposits are questionable in some locations. Inter-generational principles have been considered in the assessment process through the prescriptive methods that are proposed to be used for the proposed additional works which seek to minimise extensive ground disturbing impacts. This includes mitigation measures and opportunities for enhancement of scientific knowledge where impacts may be unavoidable.

The field results from the main ACHA have shown the archaeological record within the Development Site, and by extrapolation the wider Lake George Basin, contain a broad low density scatter of surface and subsurface stone artefacts, with clusters forming what may be termed sites. The sites are spread across a range of landforms – although disproportionately – based on topographic and environmental features that can be grouped into areas of low, moderate, or high archaeological sensitivity/potential. The categorisation of landforms – and confirmation of the accuracy of these categories – provide the opportunity to develop management recommendations that account for the diversity within the Development Site, and this has been adopted for this assessment.

This addendum assessment only considered the areas where the proposed additional works will take place, the remainder of the Development Site has already been assessed within the main ACHA. It should be noted that whilst the ground disturbance of the additional works assessed in this report include the relatively small, discrete impacts associated with hand planting over a large area, the activity still presents a cumulative impact. While a large number of hand plantings represent a likelihood of impacting upon archaeological deposits and artefacts, the impact will be limited enough and spread over the area, that it is not considered to represent total harm. All excavated material will be used to backfill holes within their respective landforms.

NGH have assessed that the archaeological record in this region will not be severely compromised by the development of this particular solar farm proposal if appropriate mitigation measures are followed as outlined within this report and the main ACHA. The overall cumulative impact on the archaeological record for the region has been managed through the measures outlined in the main ACHA – including the removal of solar arrays and related infrastructure from some highly

archaeologically sensitive areas – and those proposed within this report (refer to Section 6.3 and Section 7). The addition of the proposed works outlined are considered minor and therefore the overall assessment of impacts has not altered this conclusion.

6.4 Mitigation of Harm

Although there are varying degrees of archaeological sensitivity across the Development Site, avoidance of all sites and areas of sensitivity is not possible for the project to remain viable and there are supplementary requirements in relation to project approvals that need to be met. However, where it is not possible to avoid harm to areas containing high archaeological sensitivity – such as the additional works assessed in this report – they are comprised of relatively low impact works over the entire landform. Based on the assessment of the known surface sites, landforms, and consideration of previous subsurface excavation data, it is considered that mitigation measures can be developed to meet the required of ESD principles, intergenerational equity, and mitigate impact to heritage values through a combination of avoidance, salvage, further investigations, and ongoing cultural learning opportunities.

Of the 76 Aboriginal heritage sites within the Development Site, two previously registered AHIMS sites and one NGH recorded artefact scatter were not identified as impacted by the previous assessment but will now be impacted by the proposed additional works. The most likely cause of harm will be movement and possible displacement of artefacts, either on the surface or the subsurface deposits through excavation of holes for the tube stock.

Mitigation of harm to cultural heritage sites generally involves some level of detailed recording to preserve the information contained within the site. Mitigation can be in the form of minimising harm, through slight changes in the development plan or through direct management measures of the sites and Aboriginal objects. While mitigation in the form of alteration of the development footprint was considered and adopted for some areas in the main ACHA, it is not possible to avoid or alter the proposed additional works, based on the likely project approval conditions. However, it is possible to mitigate impacts through salvage of artefacts by collecting and recording the artefacts alongside members of the local Aboriginal community. Finally, the consideration of harm is also linked to the potential for each landform involved in the screening and habitat offset measures, to contain significant archaeological material. The scientific or archaeological significance assessment outlined in the ACHA indicated that these areas were likely to have higher incidence of cultural material in the form of stone artefacts.

The impacts that will be caused by the proposed additional works are located across landforms identified as having high, medium, and low archaeological sensitivity. While this does represent an expansion of the potential impacts on undisturbed or unknown archaeological deposits, the extent and loss of cultural material is considered low due to the nature of the hand planting methods proposed. Due to the nature of the spacing of planting and the small holes excavated by hand, it is considered that the landforms that will be impacted by these additional works are not suitable for a detailed subsurface salvage programme. Mitigation is likely best arranged through surface collections prior to planting. To supplement the collection strategy, it may also be appropriate to engage members of the Aboriginal community to assist in the manual labour required for the hand planting of vegetation to provide an opportunity for the Aboriginal community to directly salvage unexpected finds if they are to occur.

6.5 Impact Assessment

The following Table 6-3 provides an assessment of the scientific significance of sites within the areas impacted by the additional works assessed in this report as well as an assessment of impacts to the sites and an estimate of the level of harm posed by the impact, that were not assessed for impact in the ACHA (NGH 2022).

Furthermore, Table 6-4 provides an assessment of the impact to the landforms that will be impacted by the additional works assessed in this report and an appraisal of the level of harm and relevant mitigation measures for each landform.

Table 6-3 Site impact assessment and significance.

No.	AHMIS #	Site name	Landform	Site integrity	Scientific significance	Impact Activity	Type and Degree of harm	Consequence of harm	Recommendation
1.	57-2-0703	CWF2-IF-03	Strandline	Active	Low	Revegetation works associated with habitat offset for the WFC	Partial surface. Minimal subsurface	Partial Loss of Value	Surface collection.
2.	57-2-0708	CWF2-IF-08	Strandline	Active	Low	Revegetation works associated with habitat offset for the WFC	Partial surface. Minimal subsurface	Partial Loss of Value	Surface collection.
3.	57-2-1177	BCSF: Artefact Scatter 2	Strandline	Disturbed	Low	Revegetation works associated with habitat offset for the WFC	Partial surface. Minimal subsurface	Partial Loss of Value	Surface collection.

Table 6-4 Landform impacts and mitigation measures.

Landform	Archaeological Potential	Number of AHIMS Sites Present	Works proposed in this landform	Recommendations and Mitigation Strategy
Strandline	High	Seven AHIMS sites present	Revegetation works to provide a habitat offset for the White Fronted Chat.	Surface salvage collection of any recorded AHIMS sites or unexpected finds within the planting corridor must be performed prior to the commencement of works. The proponent should consider engaging members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.
Beach	High	None within additional works areas	Revegetation works to provide a visual screen of the proposed solar farm	Surface salvage collection of any recorded AHIMS sites or unexpected finds within the planting corridor must be performed prior to the commencement of works. The proponent should consider engaging members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.
Elevated Creek Flat	High	None within additional works areas	Revegetation works to provide a habitat offset for the White Fronted Chat.	Surface salvage collection of any recorded AHIMS sites or unexpected finds within the planting corridor must be performed prior to the commencement of works. The proponent should consider engaging members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.
Low Spurs	Low-Moderate	None within additional works areas	Revegetation works to provide a visual screen of the proposed solar farm	The proponent should consider engaging members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.

Landform	Archaeological Potential	Number of AHIMS Sites Present	Works proposed in this landform	Recommendations and Mitigation Strategy
Undulating Plain	Moderate to High	None within additional works areas	Revegetation works to provide a visual screen of the proposed solar farm	The proponent should consider engaging members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.
Floodplain	Low	None within additional works areas	Revegetation works to provide a habitat offset for the White Fronted Chat	The proponent should consider engaging members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.
Basal Slopes	Low	None within additional works areas	Revegetation works to provide a visual screen of the proposed solar farm	The proponent should consider engaging members of the local Aboriginal community to assist with the planting of vegetation. Works may proceed with caution.

7. Recommendations

The following recommendations are based on a number of considerations including:

- Background Aboriginal heritage research into the area;
- Assessment of Landscape;
- Land use and disturbance assessment;
- Consideration of the impact of the proposed works;
- Results of the NGH 2022 ACHA, and
- Legislative context for the development proposal.

Based on an assessment of the project, the location and previous level of disturbance, the proposed additional works can proceed with caution with consideration to the recommendations outlined in the main ACHA (see Section 1.3) and with the following recommendations:

1. All works associated with the intersection upgrade along Tarago Road and the main entrance road for the proposed Blind Creek solar farm can proceed with caution within the existing road reserve.
2. Where plantings are required for screening or as an offset habitat for the White Fronted Chat within the Development Site, the following is recommended:
 - a. A surface collection of registered Aboriginal objects and unexpected finds within the planting corridor must take place prior to any works taking place
 - b. The planting of native vegetation must be performed by hand and using hand tools to minimise the potential impacts to unrecorded Aboriginal objects.
 - c. The proponent should consider engaging representatives from the local Aboriginal community to be present or assist with the vegetation planting for screening and the White Fronted Chat habitat offset associated with the proposed Blind Creek Solar Farm.
 - d. Any unexpected finds collected during the surface collection or hand digging stages of the works should be held in temporary storage by NGH until the Proponent and the local Aboriginal community come to an agreement on how they should be managed.
3. All works must be constrained to the areas of existing disturbance and any activity proposed outside of the current assessment area should also be subject to an addendum Aboriginal heritage assessment.
4. Although not an archaeological management recommendation, where possible, consideration should be given to the request for collection of native vegetation that is to be removed as part of the project development.

Further archaeological assessment would be required if the proposal activity extends beyond the area assessed in this report. This would include consultation with the registered Aboriginal parties and may include further field survey.

8. References

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Mosig-Way, A 2018a, 'Event-based analysis: Identifying and sequencing prehistoric activities in buried palimpsests. An example from Lake George, Australia. Volume 1: Text',.

Mosig-Way, A 2018b, 'Event-based analysis: Identifying and sequencing prehistoric activities in buried palimpsests. An example from Lake George, Australia. Volume 2: Figures',.

NGH Pty Ltd 2022, *Aboriginal Cultural Heritage Assessment - Blind Creek Solar Farm*, Report to Blind Creek Solar Farm Pty Ltd.

Packard, P 1992, *ARCHAEOLOGICAL INVESTIGATION OF PROPOSED SAND QUARRY EXTENSION LOT 31 PORTION 8, PARISH CURRANDOOLY, NEAR SE LAKE GEORGE, NSW.*,.

Appendix A Consultation Log

Date	Action	Organisation	Method of Contact	Details	Action Required
1/09/2022	NGH provided all RAPs with an update letter to inform them that an additional heritage assessment will take place as an addendum ACHA to assess potential impacts of plantings, revegetation, and upgrades to a road intersection	NGH	Email/Post	-	No action required. Await responses
7/09/2022	Received response from YGCHS providing their agreement and understanding with the update letter	NGH	Email	Provided agreement/understanding with the update letter.	Email sent back thanking them for their response (20/09/2022)
29/09/2022	Addendum ACHA sent to all RAPs for 28-day review via email or post. (Freeman & Marx Pty Ltd, PD Ngunawal Consultancy, Gunjeewong CHAC, Yurwang Gundana CCHS, [REDACTED], Muragadi HIC, Thunderstone, [REDACTED], Merrigarn Indigenous Corporation, Murri Bidgee Mullangari AC, Ngambri LALC, Buru Ngunawal Aboriginal Corporation, Didge Ngunawal Clan, Kalari Ngunnawal Pajong Wallabalooa Descendants, Ngunawal Heritage Aboriginal Corporation, Oak Hill Enterprises).	NGH	Email/Post	Provided addendum ACHA assessing additional works not in the main ACHA for their 28-day review	Await comments. Review period closes 27/10/2022
29/09/2022	Received response from Murra Bidgee Mullangari providing their agreement with the recommendations made in the addendum ACHA	Murra Bidgee Mullangari	Email	Provided their agreement with the recommendations made in the addendum ACHA	Responded with thanks (04/10/2022)
30/09/2022	Received response from Muragadi HC providing their agreement with the recommendations made in the addendum ACHA	Muragadi Heritage Indigenous Corporation	Email	Provided their agreement with the recommendations made in the addendum ACHA	Responded with thanks (04/10/2022)
5/10/2022	Received response from Mundawari HC providing their agreement with the recommendations made and expectation that they be fully implemented.	Mundawari Heritage Consultants	Email	Provided their agreement with the recommendations made in the addendum ACHA	Responded with thanks (05/10/2022)



1 September 2022



Re: Proposed Blind Creek Solar Farm – Aboriginal Cultural Heritage Assessment – SSD-13166280 – NGH Consulting (20-403)

As you are aware, you have registered an interest in the above project. The Environmental Impact Statement (EIS) has been submitted, including the Aboriginal Cultural Heritage Assessment (ACHA) as an Appendix and NGH are now responding to the various submissions received from government agencies and other respondents. This formalised Response to Submissions is being provided to Department of Planning and Environment today.

We wish to inform you that since the completion of the EIS, some areas have been identified as being impacted by ancillary aspects of the project. The attached maps show the location of the areas in question. These include:

- Plantings to screen the solar farm from neighbours,
- Revegetation of certain areas to accommodate the habitat of the vulnerable bird, the White Fronted Chat,
- Extension of the proposed intersection area of Tarago Road and the entrance to the proposed solar farm.

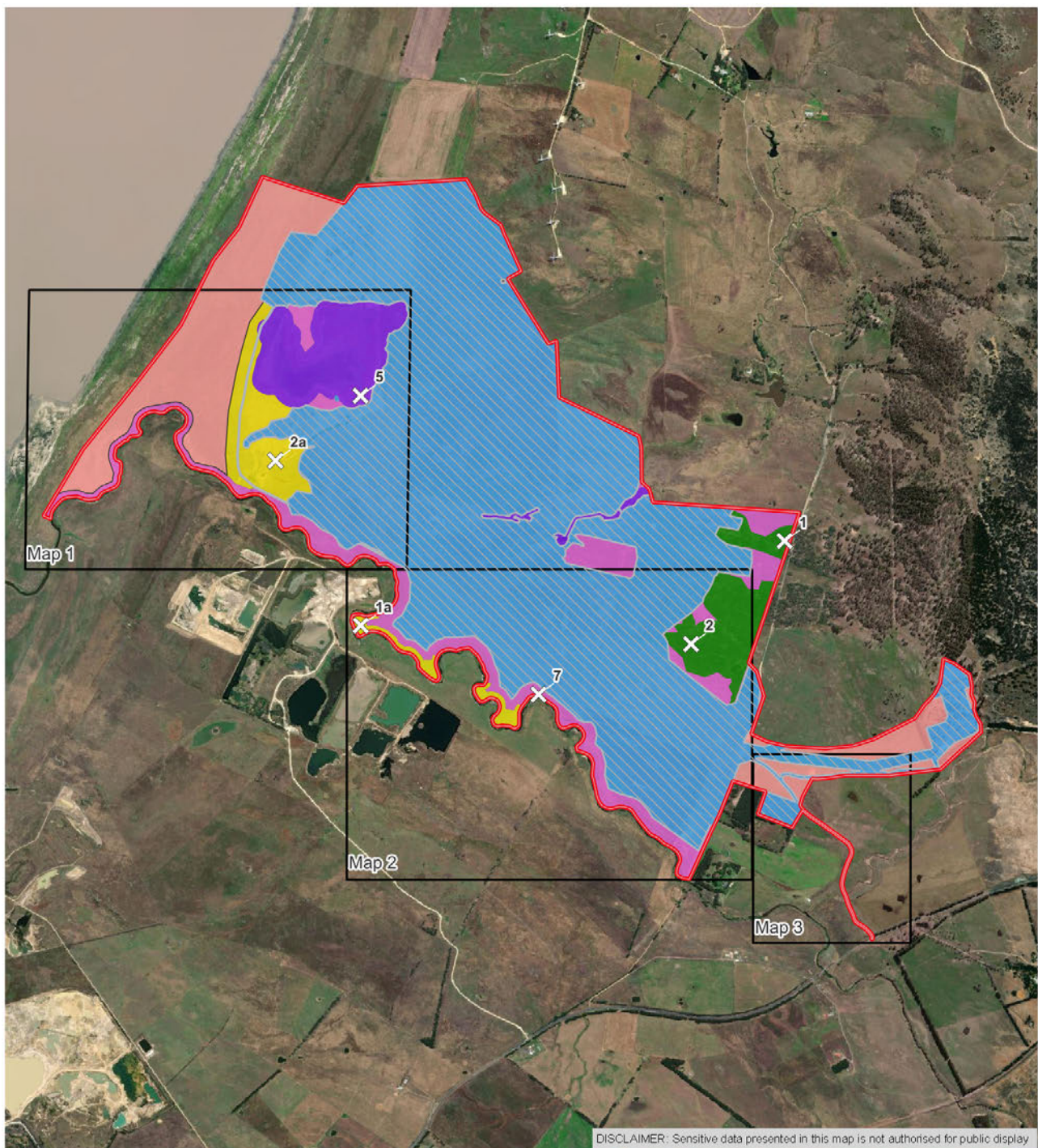
The vegetation screening and the bird habitat are proposed in areas identified during the ACHA as having potentially high archaeological values and were to be avoided by the development. However, the planting is necessary for both the visual amenity of neighbours and to enhance the habitat of the Chat, ensuring its survival in the area. The intersection is required to be upgraded in response to local resident's concerns about traffic and the use of the road during construction.

This letter is to provide notice to you that NGH intend to provide an updated assessment of these areas as an addendum to the ACHA. We will provide further detail in terms of the relevant footprints, types of activities and possible Aboriginal heritage implications. You will be provided an opportunity to review this information and respond with any questions or comments. It is unlikely that any additional fieldwork would be required.

In the meantime, if you have any questions, please contact Jorge Fuenzalida Miralles or Matthew Barber on 0407 485 018.

Yours sincerely,

Jorge Fuenzalida Miralles
Heritage Consultant
(02) 6280 5053
NGH



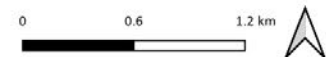
**22-316 Blind Creek Solar Farm BMP
Environmental Management Zones - Overview**

Legend

- Development site
- Development Footprint
- X Monitoring Plots

Management Zones

- Zone 1 - category 1 areas and native grassland that will be impacted by the project
- Zone 2 - White-fronted Chat habitat that will be restored by the project
- Zone 3 - Riparian areas that will be avoided and retained by the project
- Zone 4 - Woodland areas that will be avoided and retained by the project
- Zone 5 - Native grassland that will be avoided and retained by the project
- Zone 6 - Category 1 land that will be avoided and retained by the project, but subject to grazing

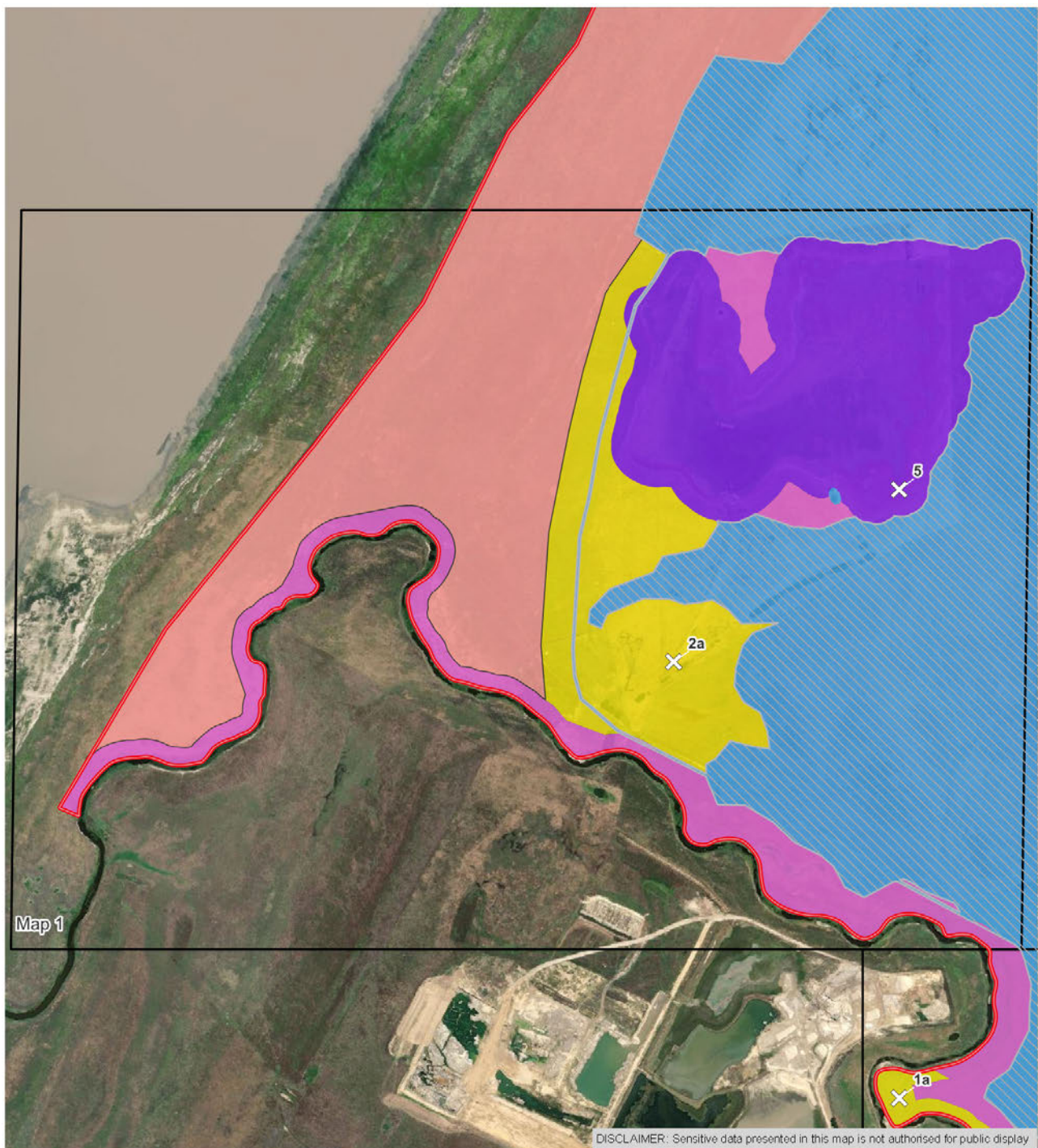


Data Attribution
 © NGH 2022
 © NSW DPE 2022
 © Blind Creek Solar Farm Pty Ltd 2022

Ref: 22-319 Blind Creek SF BMP 20220831 \\
 Environmental Management Zones Atlas
 Author: D. Barnbrick
 Date created: 31.08.2022
 Datum: GDA94 / MGA zone 56



Figure 1 Overview of the Environmental Management Zones for the proposed Blind Creek Solar Farm.



**22-316 Blind Creek Solar Farm BMP
Environmental Management Zones - Map 1**

Legend

- Development site
- Development Footprint
- X Monitoring Plots

Management Zones

- Zone 1 - category 1 areas and native grassland that will be impacted by the project
- Zone 2 - White-fronted Chat habitat that will be restored by the project
- Zone 3 - Riparian areas that will be avoided and retained by the project
- Zone 5 - Native grassland that will be avoided and retained by the project
- Zone 6 - Category 1 land that will be avoided and retained by the project, but subject to grazing

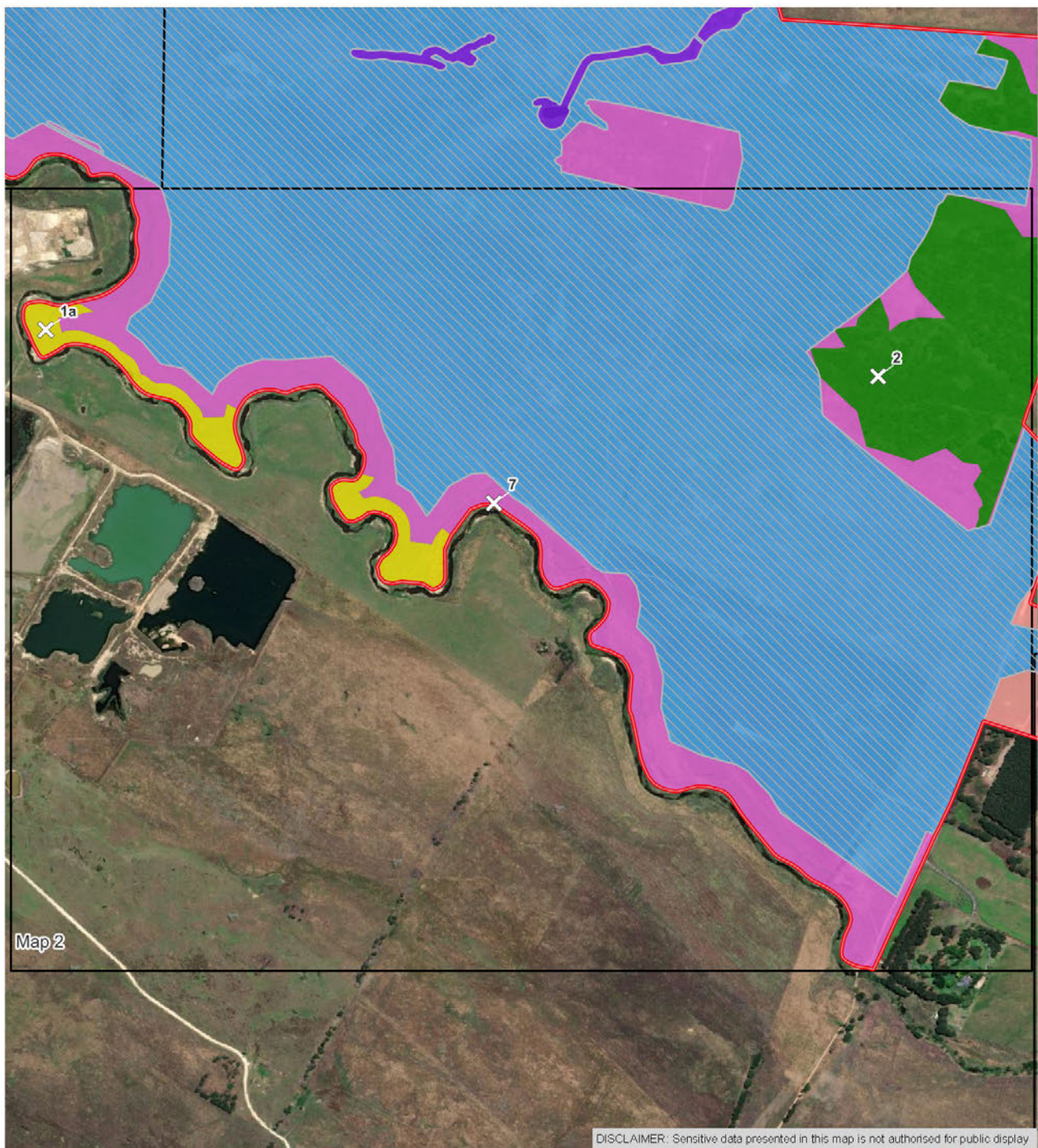
0 0.2 0.4 km

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© Blind Creek Solar Farm Pty Ltd 2022

Ref: 22-319 Blind Creek SF BMP 20220831 \\
Environmental Management Zones Atlas
Author: D. Barnbrick
Date created: 31.08.2022
Datum: GDA94 / MGA zone 56



Figure 2 Environmental Management Zones for the proposed Blind Creek Solar Farm. Map 1 of 3.



**22-316 Blind Creek Solar Farm BMP
Environmental Management Zones - Map 2**

Legend

- Development site
- Development Footprint
- X Monitoring Plots

Management Zones

- Zone 1 - category 1 areas and native grassland that will be impacted by the project
- Zone 2 - White-fronted Chat habitat that will be restored by the project
- Zone 4 - Woodland areas that will be avoided and retained by the project
- Zone 5 - Native grassland that will be avoided and retained by the project
- Zone 6 - Category 1 land that will be avoided and retained by the project, but subject to grazing

0 0.2 0.4 km

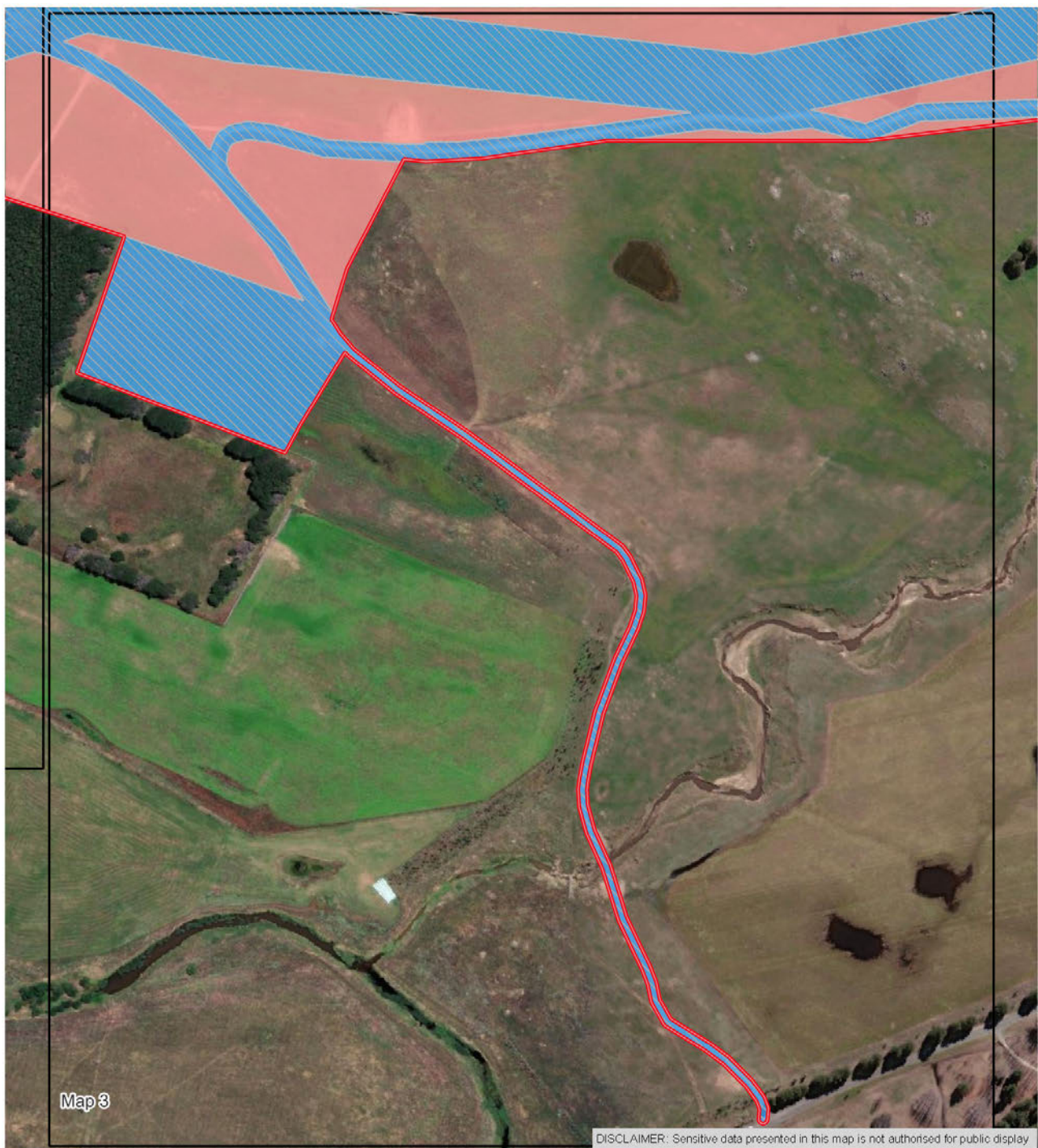
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Ref: 22-319 Blind Creek SF BMP 20220831 \\
Environmental Management Zones Atlas
Author: D. Barnbrick
Date created: 31.08.2022
Datum: GDA94 / MGA zone 56



NGH

Figure 3 Environmental Management Zones for the proposed Blind Creek Solar Farm. Map 2 of 3.



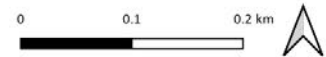
**22-316 Blind Creek Solar Farm BMP
Environmental Management Zones - Map 3**

Legend

- ▬ Development site
- ▬ Development Footprint

Management Zones

- ▬ Zone 1 - category 1 areas and native grassland that will be impacted by the project
- ▬ Zone 6 - Category 1 land that will be avoided and retained by the project, but subject to grazing



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© Blind Creek Solar Farm Pty Ltd 2022

Ref: 22-319 Blind Creek SF BMP 20220831 \\
Environmental Management Zones Atlas
Author: D. Barnbrick
Date created: 31.08.2022
Datum: GDA94 / MGA zone 56



Figure 4 Environmental Management Zones for the proposed Blind Creek Solar Farm. Map 3 of 3.

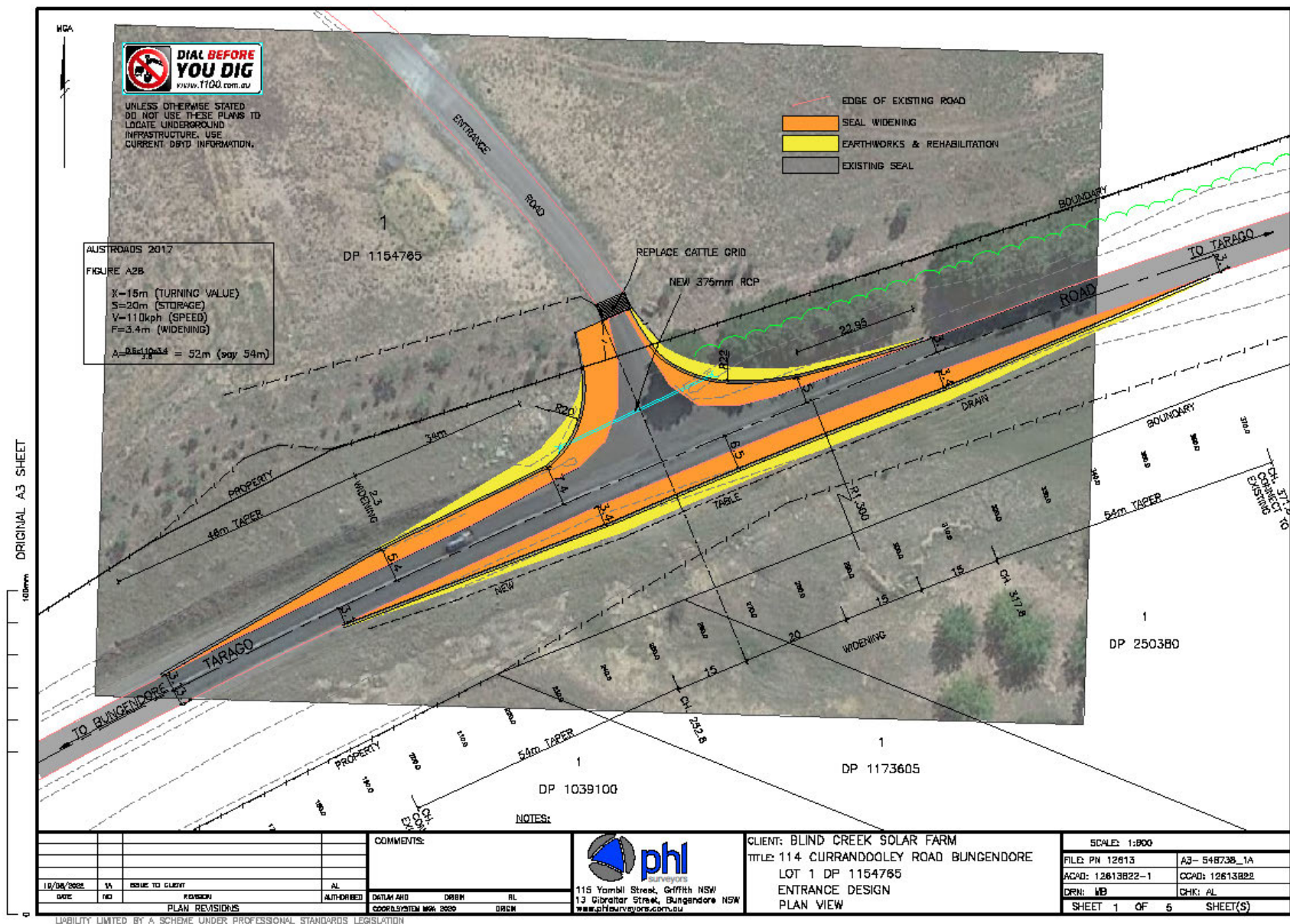


Figure 5 Proposed upgrade works to the intersection between Tarago Road and the main entrance road for the proposed Blind Creek Solar Farm.

From: [Jorge Fuenzalida](#)
To: [Wally Bell](#)
Cc: [Bronwyn Partell](#)
Bcc: 28a4e6de-4034-4ae9-b8c4-d382a957438b.metaPublish@thehub.ngHENvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 3:17:10 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - BNAC.pdf](#)
[28a4e6de-4034-4ae9-b8c4-d382a957438b.png](#)

Good afternoon Wally,

I hope that you have all been well so far this year. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

I have also passed on your invoice to the client and will ensure this gets paid asap.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

M. 0423 353 981

E. jorge.f@nghconsulting.com.au

Unit 8, 27 Yallourn St

(PO Box 62) Fyshwick ACT 2609



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From: [Jorge Fuenzalida](#)
To: [REDACTED]
Bcc: 22eabd5d-ae3d-40a8-a022-9e1d03cef53b.metaPublish@thehub.nghenvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 3:15:55 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - \[REDACTED\].pdf](#)
[22eabd5d-ae3d-40a8-a022-9e1d03cef53b.png](#)

Good afternoon [REDACTED],

I hope that you have been keeping well recently. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

M. 0423 353 981

E. jorge.f@nghconsulting.com.au

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From: [Jorge Fuenzalida](#)
To: oakhillenterprises@bigpond.com
Bcc: e2900f97-9965-46d0-bbd4-df3fa040abbf.metaPublish@thehub.nghenvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 3:15:05 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - Oak Hill.pdf](#)
[e2900f97-9965-46d0-bbd4-df3fa040abbf.png](#)

Good afternoon Sonia,

I hope that you have been keeping well recently. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

M. 0423 353 981

E. jorge.f@nghconsulting.com.au

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From: [Jorge Fuenzalida](#)
To: [Shaun Carroll](#)
Bcc: cff332c6-1624-46ae-a822-1960f8bdfa17.metaPublish@thehub.nghenvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 3:11:15 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - Merrigarn.pdf](#)
[cff332c6-1624-46ae-a822-1960f8bdfa17.png](#)

Good afternoon Shaun,

I hope that you have been keeping well recently. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

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From: [Jorge Fuenzalida](#)
To: [Darleen Johnson](#)
Bcc: 048437b3-8492-4a37-97da-fa1692772382.metaPublish@thehub.nghenvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 3:10:33 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - Murri Bidgee.pdf](#)
[048437b3-8492-4a37-97da-fa1692772382.png](#)

Good afternoon Darleen,

I hope that you have been keeping well recently. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

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From: [Jorge Fuenzalida](#)
To: [jesse.johnson](#)
Bcc: [2ac589b3-6848-4bdc-baaf-dc6a37dffcb7.metaPublish@thehub.nghenvironmental.com.au](#)
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 3:09:32 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - Muragadi.pdf](#)
[2ac589b3-6848-4bdc-baaf-dc6a37dffcb7.png](#)

Good afternoon Jesse,

I hope that you have been keeping well recently. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

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From: [Jorge Fuenzalida](#)
To: [Clive Freeman](#)
Bcc: 38d61aec-2d12-4221-a299-f10fa7d352fa.metaPublish@thehub.nghenvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 3:08:39 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - Freeman.pdf](#)
[38d61aec-2d12-4221-a299-f10fa7d352fa.png](#)

Good afternoon Clive,

I hope that you have been keeping well recently. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

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From: [Jorge Fuenzalida](#)
To: [Tyronne & Bronwyn](#)
Bcc: 72318e9f-3c1e-4db0-a6a3-4bc3a166fe03.metaPublish@thehub.nghenvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 3:07:54 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - Thunderstone.pdf](#)
[72318e9f-3c1e-4db0-a6a3-4bc3a166fe03.png](#)

Good afternoon Tyronne,

I hope that you have been keeping well over the winter, I managed to escape to Europe for five weeks so I haven't had to deal with any cold weather. This time it isn't another Wallaroo email but I hear I may potential jinx it. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA. This addendum will be dealing with some of the vegetation management that I remember you raised concerns with last year.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

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From: [Jorge Fuenzalida](#)
To: [Shayne Dickson](#)
Bcc: 3734427e-eaef-4551-bc2d-bf9ce1080dae.metaPublish@thehub.nghenvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 3:04:05 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - Gunjeewong.pdf](#)
[3734427e-eaef-4551-bc2d-bf9ce1080dae.png](#)

Good afternoon Shayne,

I hope that you have been keeping well. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

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From: [Jorge Fuenzalida](#)
To: [REDACTED]
Bcc: 0231d55f-4d55-4923-8a56-b6d6f4d2da2f.metaPublish@thehub.nghenvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 3:02:27 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - \[REDACTED\].pdf](#)
[0231d55f-4d55-4923-8a56-b6d6f4d2da2f.png](#)

Good afternoon [REDACTED],

I hope that you have been keeping well. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

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From: [Jorge Fuenzalida](#)
To: ringram6033@gmail.com
Bcc: 127a56d8-a82a-433f-898a-82b887d1bc35.metaPublish@thehub.nghenvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 3:01:37 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - KNPWD.pdf](#)
[127a56d8-a82a-433f-898a-82b887d1bc35.png](#)

Good afternoon Rebecca,

I hope that you have been keeping well. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

M. 0423 353 981

E. jorge.f@nghconsulting.com.au

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From: [Jorge Fuenzalida](#)
To: [Tammy Muscat](#)
Bcc: 6c104b02-9cda-4885-bb1c-d697a6de6dbc.metaPublish@thehub.ngHENvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 3:00:34 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - PD Ngunawal Consultancy.pdf](#)
[6c104b02-9cda-4885-bb1c-d697a6de6dbc.png](#)

Good afternoon Tammy,

I hope that you have been keeping well. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

M. 0423 353 981

E. jorge.f@nghconsulting.com.au

Unit 8, 27 Yallourn St

(PO Box 62) Fyshwick ACT 2609



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From: [Jorge Fuenzalida](#)
To: [Ngunawal Heritage Aboriginal Corporation](#)
Bcc: 79b6f019-1212-4c9d-aad9-45a9396346a6.metaPublish@thehub.nghenvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 2:59:25 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - NHAC.pdf](#)
[79b6f019-1212-4c9d-aad9-45a9396346a6.png](#)

Good afternoon Dean,

I hope that you have been keeping well. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

M. 0423 353 981

E. jorge.f@nghconsulting.com.au

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From: [Jorge Fuenzalida](#)
To: [lilly.carroll](#)
Bcc: 424909d5-115f-4828-b06e-08d300fa16ce.metaPublish@thehub.nghenvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 2:58:06 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - DNC.pdf](#)
[424909d5-115f-4828-b06e-08d300fa16ce.png](#)

Good afternoon Lilly and Paul,

I hope that you have all been well so far this year. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

M. 0423 353 981

E. jorge.f@nghconsulting.com.au

Unit 8, 27 Yallourn St

(PO Box 62) Fyshwick ACT 2609



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From: [Jorge Fuenzalida](#)
To: [Ngambri LALC Reception](#)
Bcc: 30ddb136-8b46-42ef-a5af-48496f0d3cfd.metaPublish@thehub.nghenvironmental.com.au
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment
Date: Thursday, 1 September 2022 2:52:37 PM
Attachments: [Blind Creek Solar Farm Additional Cultural Heritage Assessment - Ngambri LALC.pdf](#)
[30ddb136-8b46-42ef-a5af-48496f0d3cfd.png](#)

Good afternoon,

I hope that you have all been well so far this year. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

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Jorge Fuenzalida

From: yurwang gundana <Yurwang.Gundana.C.H.S@outlook.com>
Sent: Wednesday, 7 September 2022 5:00 PM
To: Jorge Fuenzalida
Subject: Re: Blind Creek Solar Farm - Additional Cultural Heritage Assessment

Follow Up Flag: Follow up
Flag Status: Completed

Yuma Jorge, I am keeping well and was too affected by the floods besides minor damage and being stuck, I hope you weren't affected but the floods or rain too much

Yes, everything in the reports seems good and see no issue

Thanks
Merekai Bell
Yurwang Gundana Cultural Heritage Services

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From: Jorge Fuenzalida <jorge.f@nghconsulting.com.au>
Sent: Thursday, September 1, 2022 3:14:19 PM
To: yurwang gundana <Yurwang.Gundana.C.H.S@outlook.com>
Subject: Blind Creek Solar Farm - Additional Cultural Heritage Assessment

Good afternoon Merekai,

Mate I hope that you have been keeping well recently, also hope the floods didn't affect you too much... Had to drive through Windsor and Richmond a couple times recently on my way out west and I could see some of the damage the floods left. Regardless, this email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 11:49 AM
To: Ngambri LALC Reception
Subject: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good morning,

In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

You will find the document attached to this email. Please provide any comments on the addendum ACHA by **COB Thursday 27th October 2022**.

If you have any issues with the document let me know!

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 11:50 AM
To: Wally Bell
Subject: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good morning Wally,

I hope you have been keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

You will find the document attached to this email. Please provide any comments on the addendum ACHA by **COB Thursday 27th October 2022**.

If you have any issues with the document let me know!

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 11:51 AM
To: lilly carroll
Subject: 22-319 - Blind Creek Solar Farm RTS
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good morning Lily and Paul,

I hope you are both keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

You will find the document attached to this email. Please provide any comments on the addendum ACHA by **COB Thursday 27th October 2022**.

If you have any issues with the document let me know!

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 12:28 PM
To: Dean Delponte
Subject: 22-319 Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good afternoon Dean,

Thanks for the chat on the phone earlier, Kirsten was happy to hear her presentation went well!. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

You will find the document attached to this email. Please provide any comments on the addendum ACHA by **COB Thursday 27th October 2022**.

If you have any issues with the document let me know!

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 12:30 PM
To: Tammy Muscat
Subject: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good afternoon Tammy,

I hope you are keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

You will find the document attached to this email. Please provide any comments on the addendum ACHA by **COB Thursday 27th October 2022**.

If you have any issues with the document let me know!

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 12:30 PM
To: [REDACTED]
Subject: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good afternoon [REDACTED],

I hope you are keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

You will find the document attached to this email. Please provide any comments on the addendum ACHA by **COB Thursday 27th October 2022**.

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Regards,

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 12:31 PM
To: Shayne Dickson
Subject: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good afternoon Shayne,

I hope you are keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

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If you have any issues with the document let me know!

Regards,

JORGE FUENZALIDA MIRALLES
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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 12:32 PM
To: Tyrone & Bronwyn
Subject: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good afternoon Tyrone,

I hope you are keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

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If you have any issues with the document let me know!

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 12:33 PM
To: Clive Freeman
Subject: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good afternoon Clive,

I hope you are keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

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Regards,

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 12:33 PM
To: jesse johnson
Subject: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good afternoon Jesse,

I hope you are keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

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Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 12:34 PM
To: Darleen Johnson
Subject: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good afternoon Darleen,

I hope you are keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

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Regards,

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HERITAGE CONSULTANT

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 12:35 PM
To: Shaun Carroll
Subject: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good afternoon Shaun,

I hope you are keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

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Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 12:36 PM
To: yurwang gundana
Subject: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good afternoon Merekai,

I hope you are keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 12:36 PM
To: oakhillenterprises@bigpond.com
Subject: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good afternoon Sonia,

I hope you are keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

You will find the document attached to this email. Please provide any comments on the addendum ACHA by **COB Thursday 27th October 2022**.

If you have any issues with the document let me know!

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Thursday, 29 September 2022 12:37 PM
To: [REDACTED]
Subject: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review
Attachments: 22-319 BCSF - Heritage Addendum Report_Draft v1.0_20220929.pdf

Good afternoon [REDACTED],

I hope you are keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

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Regards,

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Tuesday, 4 October 2022 10:54 AM
To: Darleen Johnson
Subject: RE: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review

Thanks for your response Darleen. I hope you had a good long weekend!

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

M. 0423 353 981
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From: Darleen Johnson <murrabidgeemullangari@yahoo.com.au>
Sent: Thursday, 29 September 2022 12:43 PM
To: Jorge Fuenzalida <jorge.f@nghconsulting.com.au>
Subject: Re: 22-319 - Blind Creek Solar Farm - Addendum ACHA for Review

Hi Jorge,
I have read the project information and addendum ACHA and endorse the recommendations made.
Thanks
Darleen Johnson
0490051102

On Thursday, 29 September 2022 at 12:34:33 pm AEST, Jorge Fuenzalida <jorge.f@nghconsulting.com.au> wrote:

Good afternoon Darleen,

I hope you are keeping well. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

You will find the document attached to this email. Please provide any comments on the addendum ACHA by **COB Thursday 27th October 2022**.

Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Tuesday, 4 October 2022 10:55 AM
To: jesse johnson
Subject: RE: Blind Creek Solar Farm - Additional Cultural Heritage Assessment

Thanks for your response Jesse. I hope you had a good long weekend!

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

M. 0423 353 981
E. jorge.f@nghconsulting.com.au
Unit 8, 27 Yallourn St
(PO Box 62) Fyshwick ACT 2609



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NGH acknowledges that we work on the traditional lands of First Nations people across Australia and recognises the enduring connection to the land. We pay our respects to elders, past present and emerging.

From: jesse johnson <muragadi@yahoo.com.au>
Sent: Friday, 30 September 2022 9:38 AM
To: Jorge Fuenzalida <jorge.f@nghconsulting.com.au>
Subject: Re: Blind Creek Solar Farm - Additional Cultural Heritage Assessment

Hi Jorge,
I have read the project information and finalised ACHA for the above project, I agree with the recommendations made.
Thanks
Jesse Johnson
0418970389

On Thursday, 1 September 2022 at 03:09:43 pm AEST, Jorge Fuenzalida <jorge.f@nghconsulting.com.au> wrote:

Good afternoon Jesse,

I hope that you have been keeping well recently. This email is to inform you that NGH will be conducting an updated assessment of certain areas of the proposed Blind Creek Solar Farm as an addendum to the finalised ACHA.

I have attached a letter with further details and maps showing the areas of additional assessment.

If you have any concerns, feel free to contact me.

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

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Jorge Fuenzalida

From: Jorge Fuenzalida
Sent: Wednesday, 5 October 2022 9:44 AM
To: Dean Delponte
Subject: RE: 22-319 Blind Creek Solar Farm - Addendum ACHA for Review

Hey Dean,

Thanks for your response. Hope you enjoy the rest of your week!

Regards,

JORGE FUENZALIDA MIRALLES
HERITAGE CONSULTANT

BA Hons (Anthropology)

M. 0423 353 981

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NGH acknowledges that we work on the traditional lands of First Nations people across Australia and recognises the enduring connection to the land. We pay our respects to elders, past present and emerging.

From: Dean Delponte <mundawari.hc@gmail.com>
Sent: Wednesday, 5 October 2022 9:18 AM
To: Jorge Fuenzalida <jorge.f@nghconsulting.com.au>
Subject: Re: 22-319 Blind Creek Solar Farm - Addendum ACHA for Review

Hi Jorge,

Thank you for your email.

After review of the Addendum ACHA we support the recommendations. We would also expect the proponent to fully implement these recommendations as required.

If you require any further information please let us know.

Kind Regards

Dean Delponte

Director

0413186133

mundawari.hc@gmail.com



IMPORTANT: The contents of this email and any attachments are confidential. They are intended for the named recipient(s) only. If you have received this email by mistake, please notify the sender immediately and do not disclose the contents to anyone or make copies thereof.

On Thu, 29 Sept 2022 at 12:28, Jorge Fuenzalida <jorge.f@nghconsulting.com.au> wrote:

Good afternoon Dean,

Thanks for the chat on the phone earlier, Kirsten was happy to hear her presentation went well!. In regards to the update email sent on the 1st September 2022, NGH have now completed a draft addendum ACHA for the proposed Blind Creek Solar Farm that assesses the additional works that were not included in the main ACHA.

You will find the document attached to this email. Please provide any comments on the addendum ACHA by **COB Thursday 27th October 2022.**

If you have any issues with the document let me know!

Regards,

Appendix B Blind Creek Solar Farm Pty Ltd (2022) – Tarago Road Intersection Report



Tarago Road Intersection Changes to the EIS

VERSION 2

Table of Contents

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Introduction

The Blind Creek EIS included within its development footprint, a plan to upgrade an existing intersection on Tarago Road to include a basic left (BAL) turn treatment to augment the existing basic right (BAR) turn treatment. It was discovered in the submissions process that the existing BAR design was very slightly non-compliant with Austroads guidelines and that the plans did not specifically note the retention of drainage features (notwithstanding this was planned). This paper shows that the small changes flowing from bringing the existing BAR into compliance are entirely within the historical disturbance footprint of the Tarago Road.

History of the Intersection

According to our analysis of historical arial imagery, the intersection was built sometime between 1967 and 1976, coinciding the realignment and re-construction of the Tarago Rd. Previously, the access to the property was in a slightly different location. Please refer to Figure 1 and Figure 2 to see both the alteration of the entrance and the realignment of the Tarago Road. The most notable change was a large cutting through the hill adjacent to the entrance and the fill of a low lying area allowing the Tarago Road to be straightened.

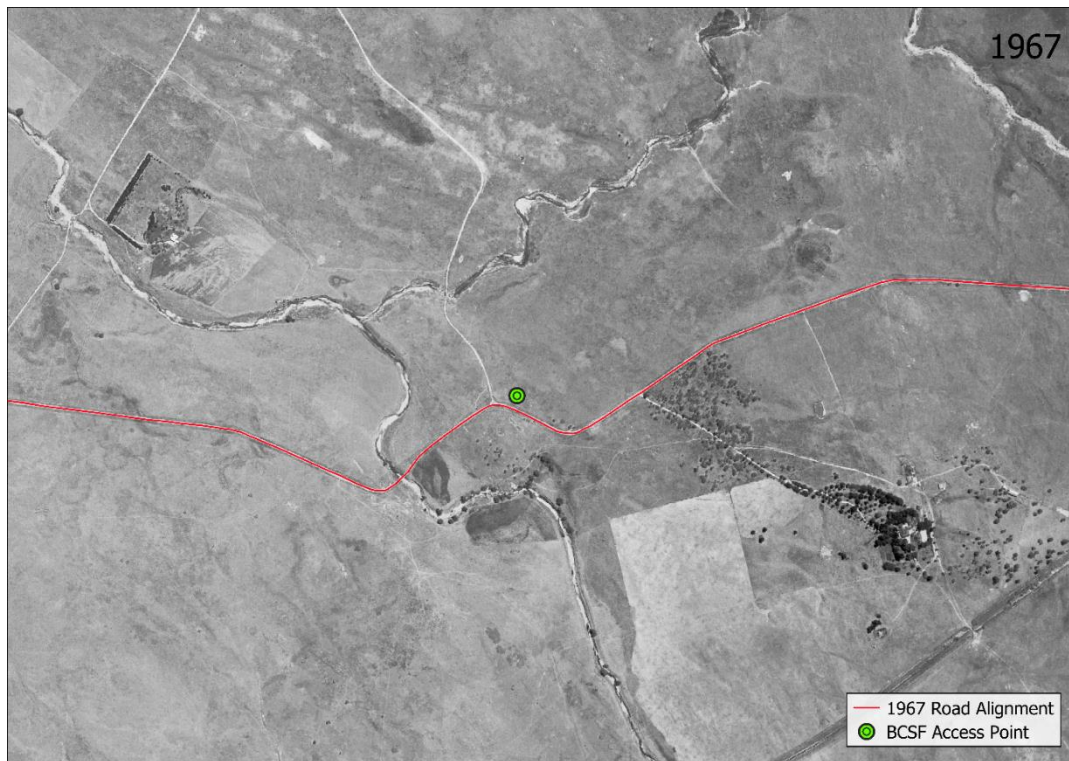


Figure 1 – Tarago Road alignment in 1967, digitised from historical arial imagery taken March 4th 1967.



Figure 2 - Tarago Road alignment in 1976, digitised from historical arial imagery taken May 5th 1976.

The realignment of the Tarago Rd and the construction of the intersection would have required several major earthworks activities, including;

- The 'cutting' of the western road section from the existing north-facing slope of the knoll.
- The building of the eastern road section using a 'fill' over the low-lying marsh area it crosses.
- Cutting of drainage gutters on both sides of the road.
- Further cutting of the intersection area to install a culvert



FIGURE 3 LOOKING SOUTH-WEST TO THE CUTTING



FIGURE 4 CULVERT ACROSS THE INTERSECTION (NORTH HEADWALL AND SWALE SHOWN)



FIGURE 5 LOOKING NORTH-EAST, WITH THE EMBANKMENT ABOVE THE LOW-LYING NATURAL GROUND CLEARLY DISCERNIBLE.

Changes Required To Achieve Austroads Compliance

The updated intersection layout and the original layout proposed in the EIS of March 2022 are compared in Figure 12. The differences include; one further area of seal widening on the south side of Tarago Rd which was mainly shown as gravel on the original; and three clarified areas of earthworks and rehabilitation (which were not shown on the original but were planned). We note that all additional works are within the historically disturbed area identified in our topographic analysis described below.

LIDAR Data

The impacts of the pre-1976 Tarago Road upgrade are still observable by inspection of the site and via analysis of the area's topography. To prove this, Blind Creek used very-high-resolution LIDAR data collected by Measure Australia for the project.

Figure 6 shows the current alignment of the Tarago Rd and its signature through the elevation contours, particularly noticeable on the road section to the west of the intersection. *Figure 7* illustrates our method of determining the historically disturbed footprint, specifying the positions of the elevation profiles shown in Figures 5 – 8.

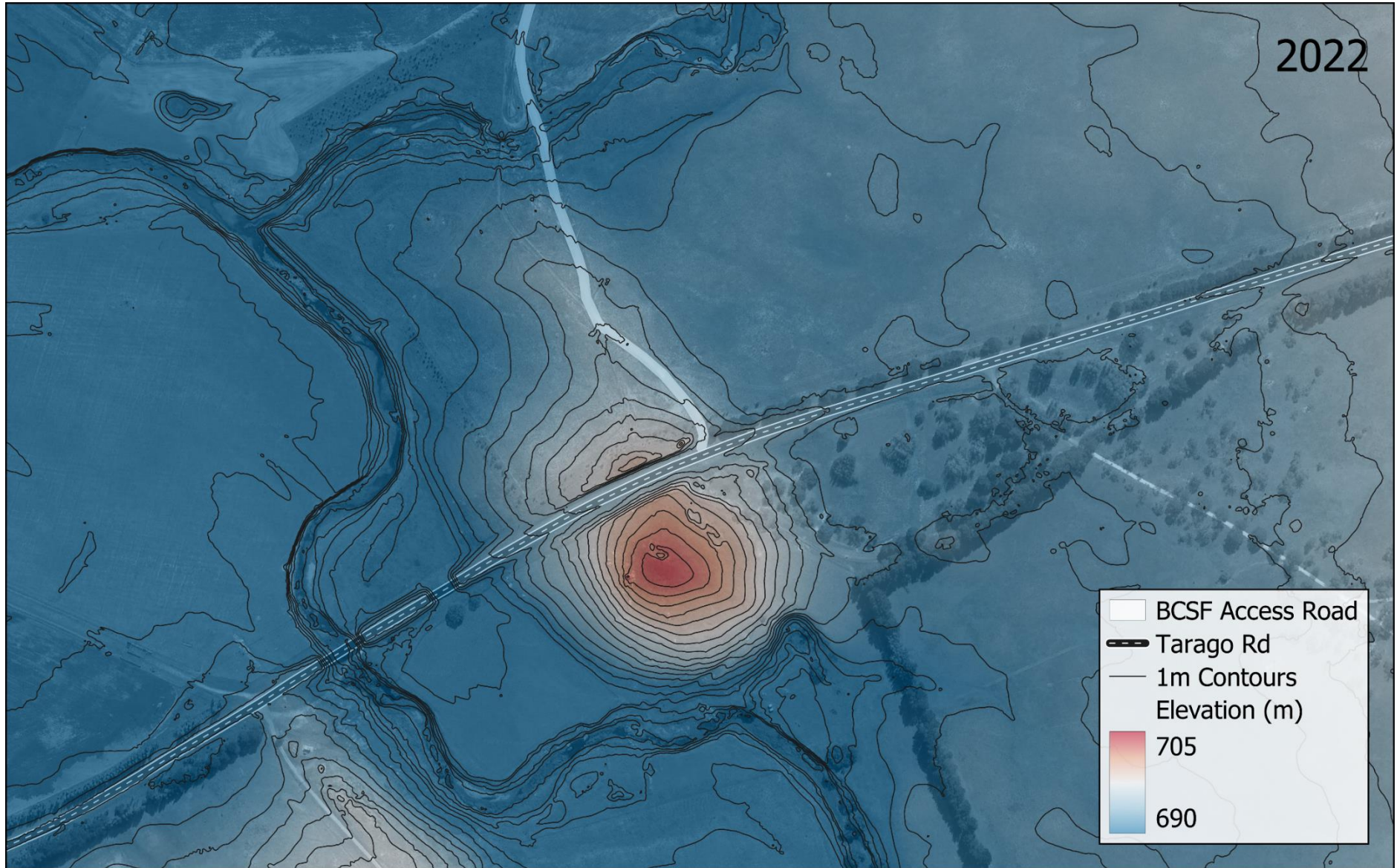


Figure 6 - Current Tarago Road alignment and surrounding topography.

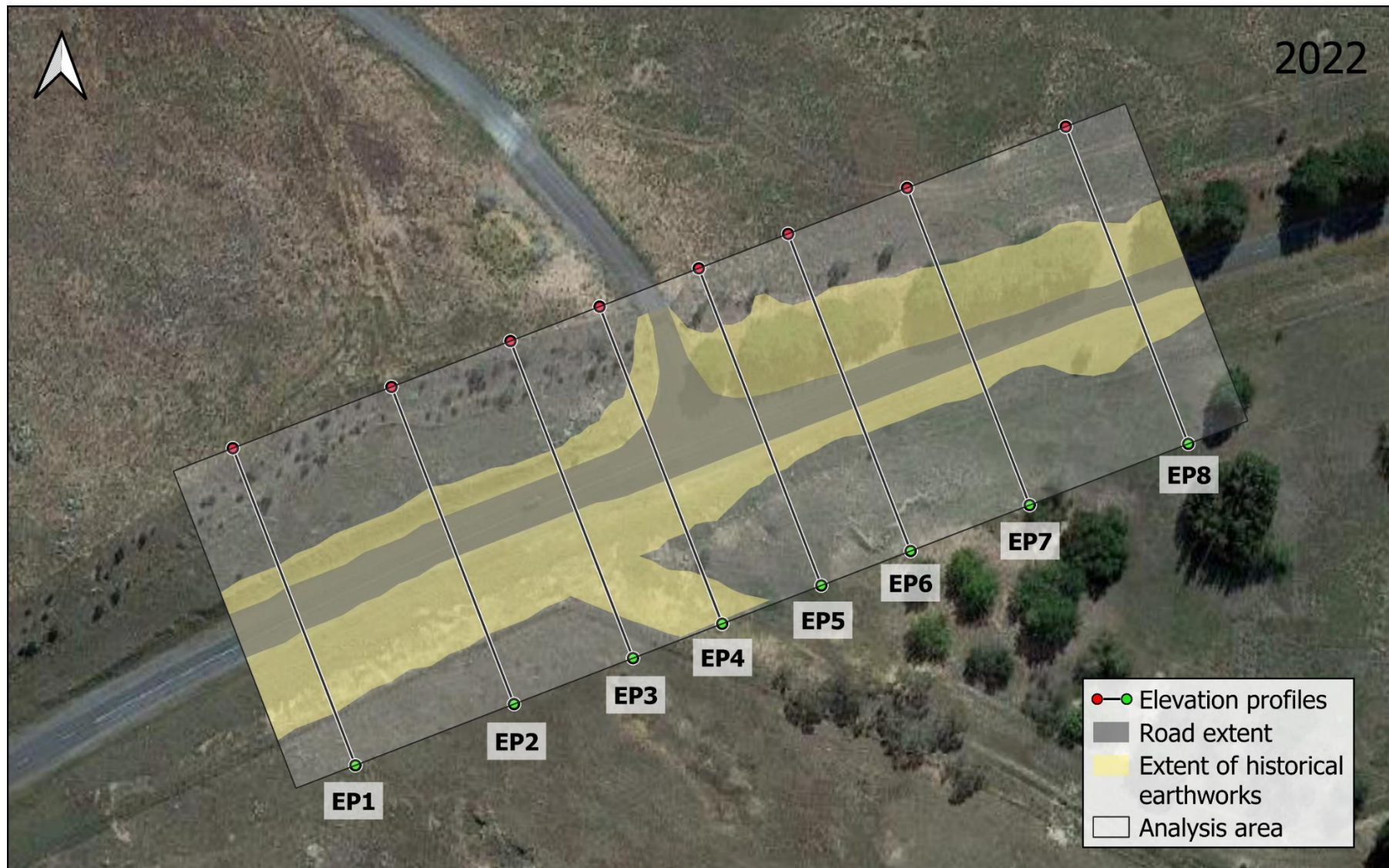


Figure 7 – Position of the analysis area and elevation profiles considered in this response. The related elevations profiles are shown on the following pages. The interpolated disturbed area footprint is shown.

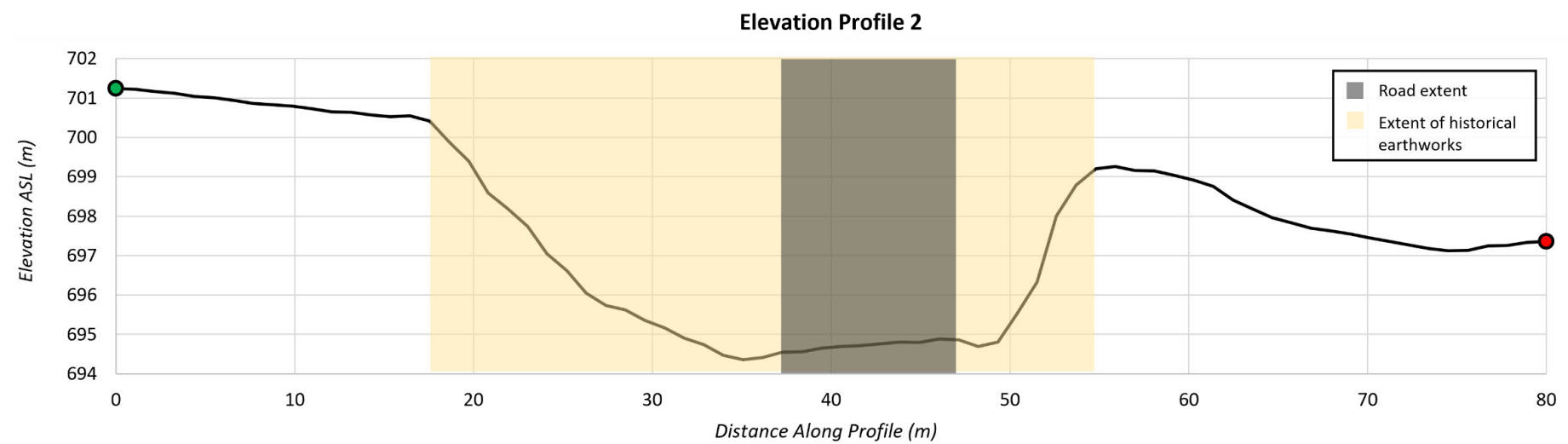
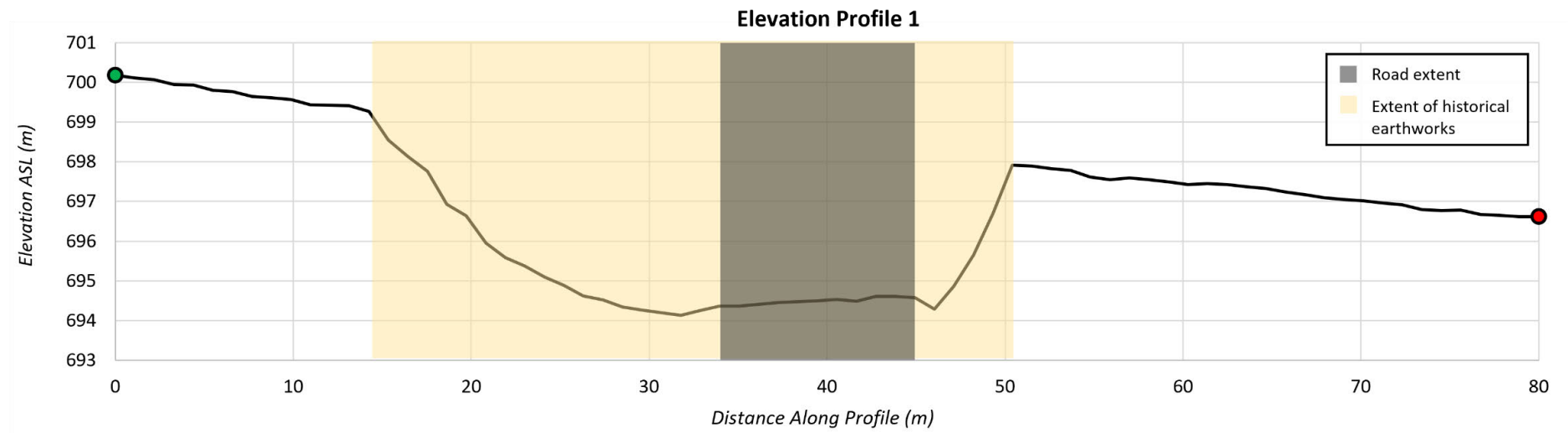


Figure 8 – Elevation profiles for cross-sections marked in Figure 7

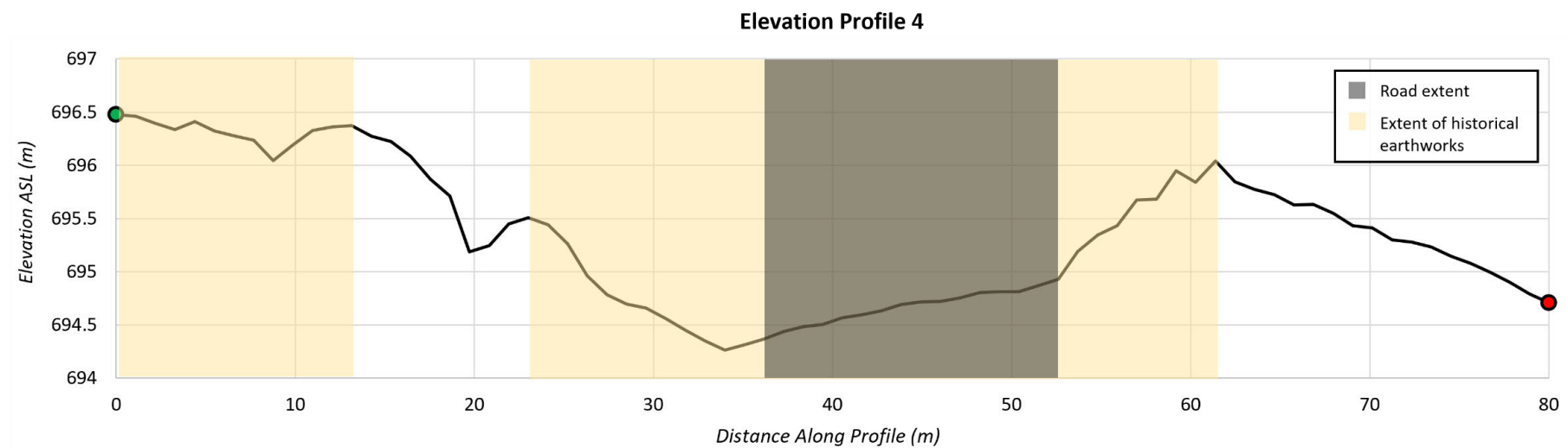
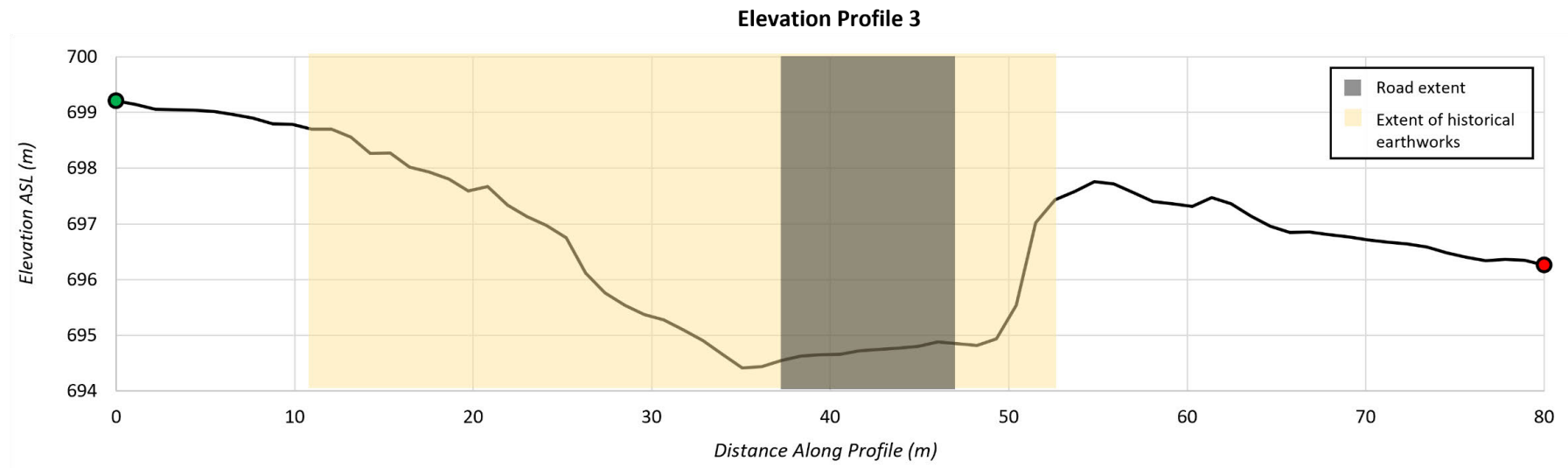


Figure 9 - Elevation profiles for cross-sections marked in Figure 7

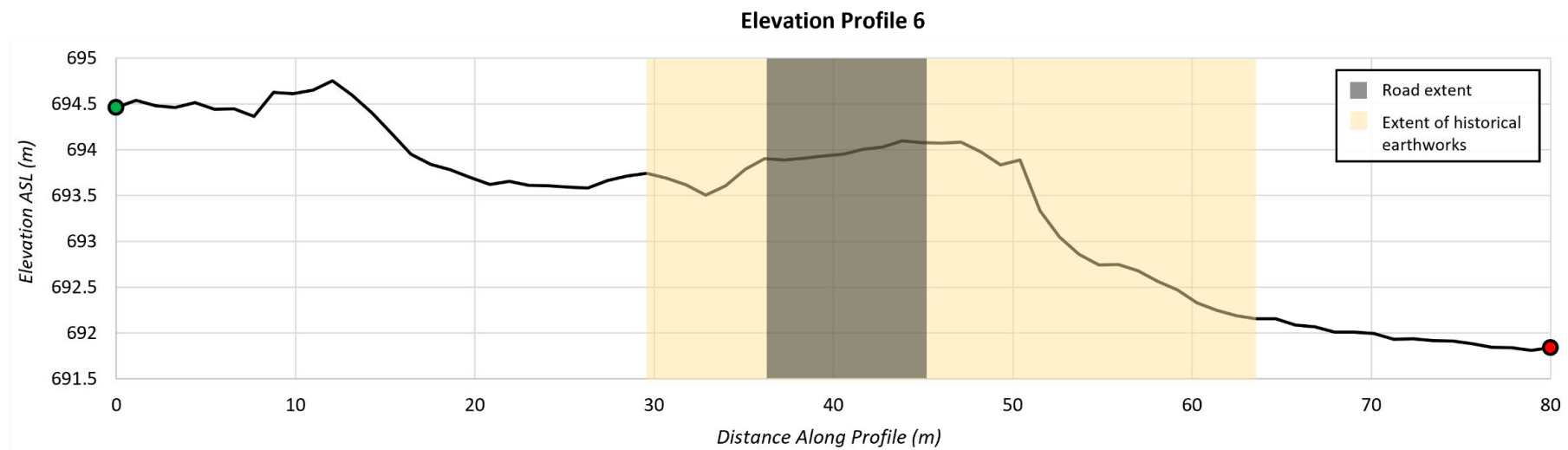
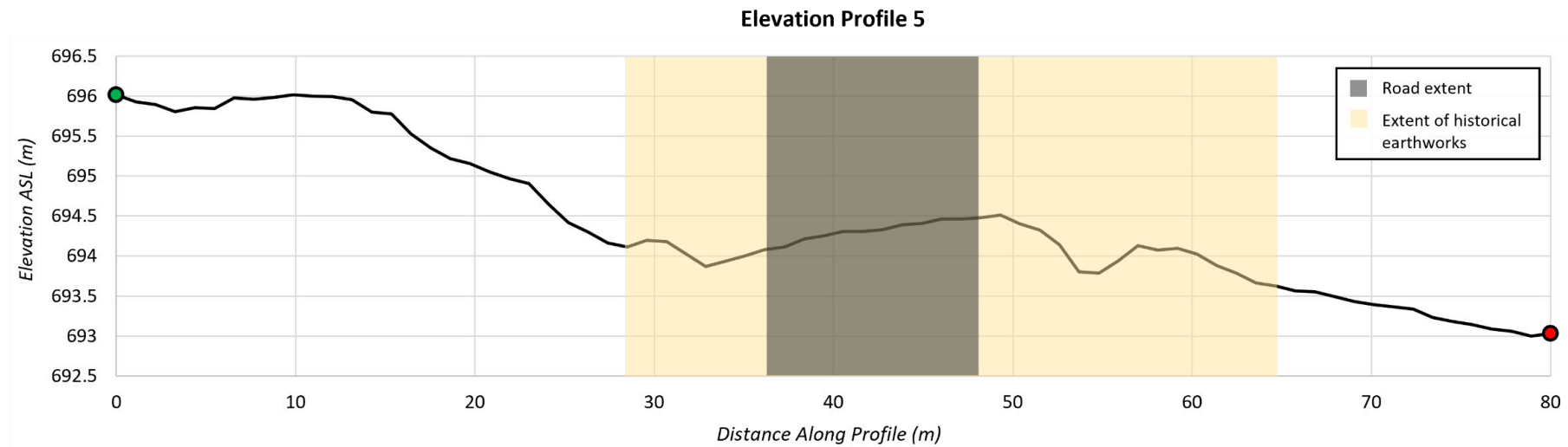


Figure 10 - Elevation profiles for cross-sections marked in Figure 7

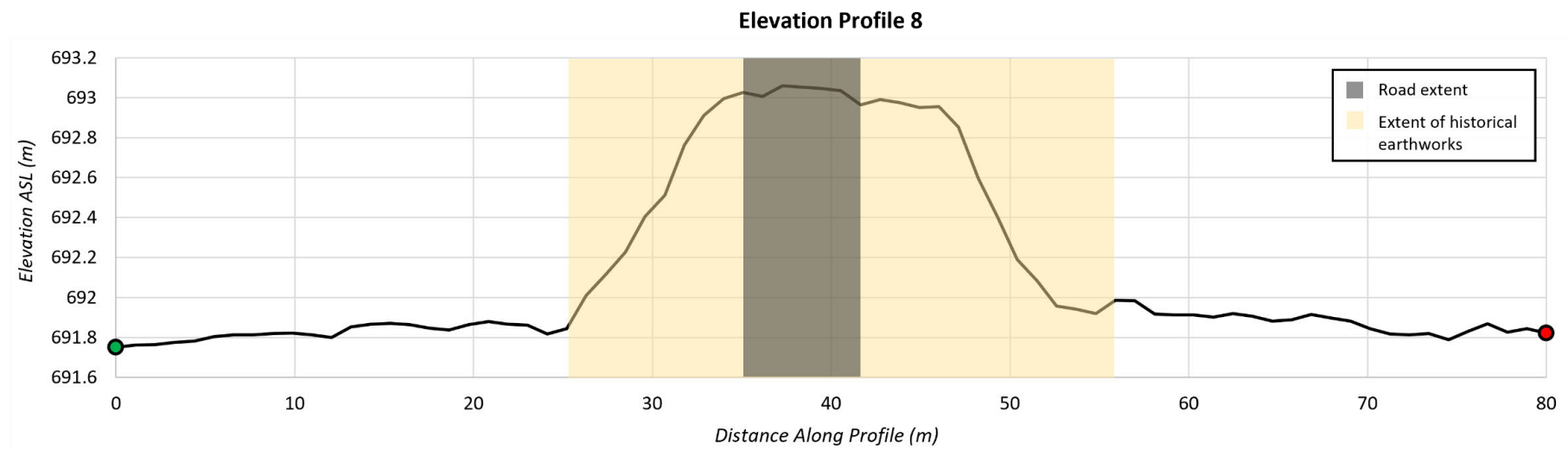
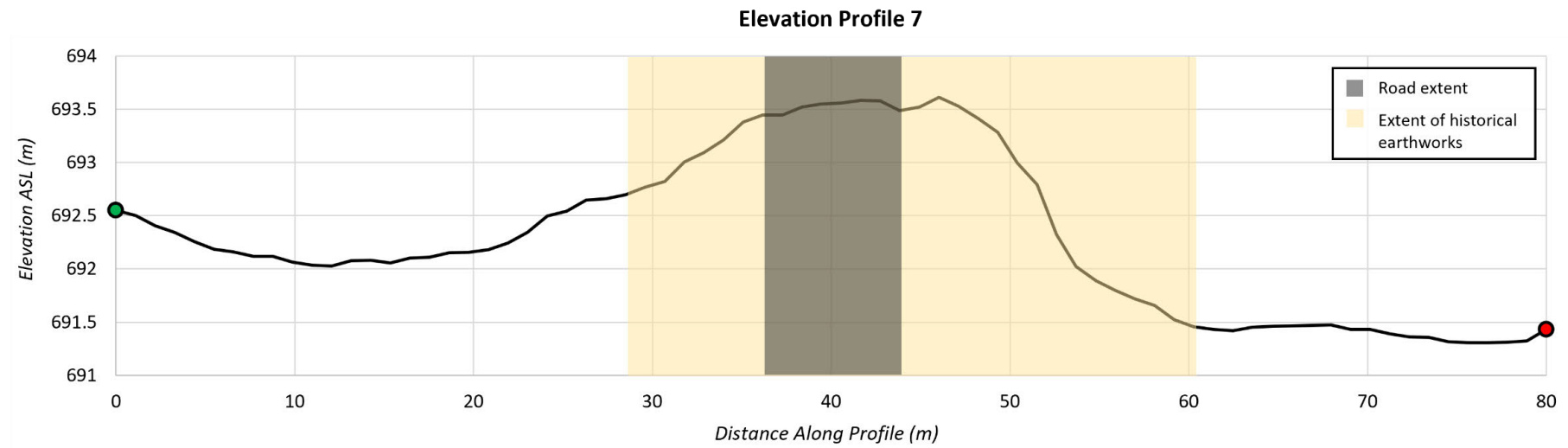


Figure 11 - Elevation profiles for cross-sections marked in Figure 7

Conclusion

The Blind Creek Solar Farm's entrance on Tarago Road requires a very minor change to bring it into compliance with the Austroads guidelines. This report uses high resolution LIDAR data to show that all works proposed are well within the historically disturbed footprint. Constructed between 1967 and 1976, the intersection sits between a large cutting and an area of fill over a poorly drained depression. The very minor changes are considered most unlikely to contain archaeology or biodiversity values because they are located on a recently-constructed road embankment.

The site was not surveyed as part of the Biodiversity Development Assessment Report (BDAR) or the Aboriginal Cultural Heritage Assessment Report (ACHAR). However, based on NGH site visits (not survey), background searches and the results of this Intersection Overview, the risk associated with biodiversity and archaeological heritage is considered to be low.

Moving forward, BCSF propose the following:

Biodiversity:

Based on site visits and recent photography, it appears the proposed areas for intersection upgrades are predominately exotic. As such, no additional biodiversity works are proposed.

Heritage:

Given that the proposed intersection works are minor and within previously disturbed areas, the BCSF proposed to undertake an Aboriginal Heritage desktop study undertaken by NGH. This study would be an addendum to the ACHAR, and would be completed in consultation with the relevant Registered Aboriginal Parties (RAPs). Initial contact has been made with the RAPs, with letters sent to all RAPs that registered their interest with the BCSF on 1 September 2022.

RAPs will be provided a 28 day right of response, allowing time for the RAPs to comment.

Comments from the RAPs would be provided to the Department during the advertisement period of the Response to Submissions (RTS).