



# HumeLink

Historic Heritage Impact Assessment  
Addendum  
Technical Report 3



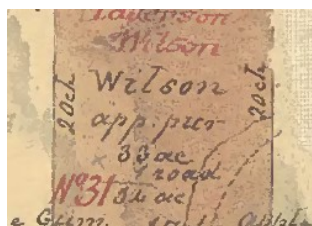


# HumeLink Technical Report 3

## Historic Heritage Impact Assessment Addendum



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## EXECUTIVE SUMMARY

Transgrid proposes to increase the energy network capacity in southern New South Wales (NSW) through the development of around 365 kilometres (km) of new 500 kilovolt (kV) high-voltage transmission lines and associated infrastructure between Wagga Wagga, Bannaby and Maragle. This project is collectively referred to as HumeLink. The project would be located across six Local Government Areas (LGAs) including Wagga Wagga City, Snowy Valleys, Cootamundra-Gundagai Regional, Upper Lachlan Shire, Yass Valley and Goulburn Mulwaree. HumeLink is a priority project for the Australian Energy Market Operator (AEMO) and the Commonwealth and NSW governments and has been declared as Critical State Significant Infrastructure (CSSI). The project would deliver a cheaper, more reliable and more sustainable grid by increasing the amount of renewable energy that can be delivered across the national electricity grid, helping to transition Australia to a low carbon future.

An EIS was prepared in accordance with the requirements of Division 5.2 of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). The EIS was placed on public exhibition by the NSW Department of Planning, Housing and Infrastructure (DPHI) (formerly the NSW Department of Planning and Environment (DPE)) for a period of 42 days, between 30 August 2023 and 10 October 2023.

The purpose of this Historic Heritage Impact Assessment (HHIA) Addendum Report is to assess the potential additional or changed impacts of the proposed amendments and forms an addendum to the EIS *Technical Report 3 - Historic Heritage Impact Assessment* (EIS report) and the amendment report *Technical Report 3 – Historic Heritage Impact Assessment Addendum*. A separate Submissions Report (Aurecon, 2024) has been prepared to respond to the submissions received during public exhibition of the EIS as part of this process and should be read in conjunction with this Amendment Report.

There are seven heritage listed items with five listed on Local Environmental Plans (LEP), one listed on the Register of the National Estate (RNE) and one listed on both the LEP and RNE. These seven heritage listed items have curtilages that are located partially within the amended project footprint and include:

- Ivydale (LEP)
- Ivydale Woolshed (LEP)
- Stone Ruin (LEP)
- Elizabeth Nugent grave on College Creek (LEP)
- Kiley's Run (RNE)
- Derringullen Creek Area (LEP and RNE)
- Coolalie Limestone Kilns and Quarry (LEP).

This is a change from five items presented in the HHIA for the EIS. Ivydale and Coolalie Limestone Kilns and Quarry are within the amended project footprint but were only within the heritage study area for the EIS. However, there has been no material change to the overall impact of the project.

For each of the two additional items (Ivydale and Coolalie Limestone Kilns and Quarry), only the curtilage of that item is within the amended project footprint, the historic item itself is not within the amended project footprint. The assessment has found that the project would not impact the significance of these items.

The project aims to avoid historic items as a first principle, with infrastructure being sited through detailed design to avoid historic items. The assessment remains consistent with findings in the EIS, therefore no new mitigation measures are proposed. The mitigation measures identified in the EIS are considered adequate to mitigate the potential heritage impacts of the amended project.

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## GLOSSARY, ABBREVIATIONS AND DEFINITIONS

<b>ACHAR</b>	Aboriginal Cultural Heritage Assessment Report
<b>amended heritage study area</b>	The amended heritage study area for this Addendum Report was defined by applying a one kilometre wide buffer to either side of the amended project footprint.
<b>amended project (the)</b>	The CSSI project “HumeLink”, which was the subject of the Amendment Report and inclusive of the proposed amendments and project refinements to the project as described in the EIS. The project involves the construction and operation of high voltage transmission lines and associated infrastructure between Wagga Wagga, Bannaby and Maragle.
<b>amended project footprint (the)</b>	The area that has been assumed for the purpose of the Amendment Report to be directly affected by the construction and operation of the project. It includes the indicative location of project infrastructure, the area that would be directly disturbed during construction and any easement required during operation.
<b>amendment</b>	A change in what the proponent is seeking approval for following the public exhibition of the EIS. It requires changes to the project description in the EIS and amendments to the associated infrastructure application.
<b>CMP</b>	Conservation Management Plan
<b>construction compounds</b>	Main construction compounds proposed for construction of the project. Each main construction compound would accommodate a range of facilities which may include (but not limited to): <ul style="list-style-type: none"><li>• laydown areas</li><li>• site offices</li><li>• amenities</li><li>• construction support facilities such as vehicle and equipment storage, maintenance sheds, chemical/fuel stores and stockpile areas</li><li>• concrete batching plants</li><li>• helipads</li><li>• crushing/screening plants</li><li>• parking.</li></ul>
<b>CSSI</b>	Critical State Significant Infrastructure
<b>EIS</b>	Environmental Impact Statement
<b>EIS project (the)</b>	The CSSI project “HumeLink”, which was the subject of the Environmental Impact Statement. The project involves the construction and operation of high voltage transmission lines and associated infrastructure between Wagga Wagga, Bannaby and Maragle.
<b>EIS project footprint</b>	The area that was assumed for the purpose of the EIS to be directly affected by the construction and operation of the project. It includes the indicative location of project infrastructure, the area that would be directly disturbed during construction and any easement required during operation.

<b>EIS report</b>	<i>EIS Technical Report 3 – Historic Heritage Impact Assessment</i>
<b>EP&amp;A Act</b>	<i>Environmental Planning and Assessment Act 1979 (NSW)</i>
<b>EPBC Act</b>	<i>Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth)</i>
<b>FCNSW</b>	Forestry Corporation of NSW
<b>GIS</b>	geographic information system
<b>ha</b>	hectare
<b>Heritage Act</b>	<i>Heritage Act 1977 (NSW)</i>
<b>heritage study area</b>	The heritage study area for the Historic Heritage Impact Assessment prepared for the EIS was defined by applying a one kilometre wide buffer to either side of the EIS project footprint.
<b>HHIA</b>	Historic Heritage Impact Assessment
<b>historic item</b>	An item that is of potential historic heritage significance. Historic heritage is non- Aboriginal heritage.
<b>heritage listed item</b>	A historic site or item listed on a heritage register or list
<b>HumeLink</b>	The project
<b>km</b>	kilometre/s
<b>kV</b>	kilovolt
<b>LEP</b>	Local Environmental Plan
<b>LGA</b>	Local Government Area
<b>m</b>	metre
<b>ML</b>	megalitres
<b>MNES</b>	matters of national environmental significance
<b>NHL</b>	National Heritage List
<b>NOHC</b>	Navin Officer Heritage Consultants
<b>NSW</b>	New South Wales
<b>proponent</b>	The entity seeking approval for the CSSI application, which for HumeLink is New South Wales (NSW) Electricity Networks Operations Pty Ltd as a trustee for NSW Electricity Networks Operations Trust (referred to as Transgrid).
<b>refinement</b>	Refinements to the project are defined as aspects of the project that generally fit within the limits set by the project description in the EIS. Refinements do not change what is being sought for approval or require an amendment to the infrastructure application for the project.
<b>RNE</b>	Register of the National Estate
<b>SEARs</b>	Planning Secretary’s Environmental Assessment Requirements

<b>SHR</b>	State Heritage Register
<b>SSI</b>	State Significant Infrastructure
<b>survey area</b>	The survey area generally included the amended project footprint including locations where construction facilities, the proposed Gugaa 500 kV substation, worker accommodation facilities and telecommunications hut are proposed.
<b>Transgrid</b>	The project is proposed to be undertaken by NSW Electricity Networks Operations Pty Ltd (referred to as Transgrid). Transgrid is the operator and manager of the main high voltage transmission network in NSW and the ACT, and is the Authorised Network Operator for the purpose of an electricity transmission or distribution network under the provisions of the <i>Electricity Network Assets (Authorised Transactions) Act 2015</i> .
<b>transmission line corridor</b>	An area generally 200 metres wide that the transmission line route and easement would be located within
<b>transmission easement</b>	<b>line</b> A legal right attached to a parcel of land that enables the non-exclusive use of the land by a third party other than the owner. For transmission lines, an easement defines the corridor area where the lines are located and that allows access, construction and maintenance work to take place. The easements for the 500 kV transmission lines would typically be 70 metres wide. However, a few select locations would require wider easements up to 130 metres wide for specific engineering or property reasons. The easement grants a right of access and for construction, maintenance and operation of the transmission line and other operational assets.
<b>transmission line route</b>	The location of the transmission line structures along the middle of the transmission line easement.
<b>transmission structures</b>	<b>line</b> Proposed free standing structures to support the transmission lines
<b>UNESCO</b>	United Nations Educational, Scientific and Cultural Organization
<b>worker accommodation facilities</b>	Temporary worker accommodation facilities that would be established for the construction workers.





# 1 INTRODUCTION

## 1.1 Background

Transgrid proposes to increase the energy network capacity in southern New South Wales (NSW) through the development of around 365 kilometres (km) of new 500 kilovolt (kV) high-voltage transmission lines and associated infrastructure between Wagga Wagga, Bannaby and Maragle. This project is collectively referred to as HumeLink. The project would be located across six Local Government Areas (LGAs) including Wagga Wagga City, Snowy Valleys, Cootamundra-Gundagai Regional, Upper Lachlan Shire, Yass Valley and Goulburn Mulwaree. HumeLink is a priority project for the Australian Energy Market Operator (AEMO) and the Commonwealth and NSW governments and has been declared as Critical State Significant Infrastructure (CSSI). The project would deliver a cheaper, more reliable and more sustainable grid by increasing the amount of renewable energy that can be delivered across the national electricity grid, helping to transition Australia to a low carbon future.

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Transgrid has proposed amendments and refinements to the project as described in the EIS. The amendments provide functional improvements to the design and construction methodology of the project. The proposed amendments take into account submissions received during the public exhibition of the EIS and ongoing design and construction methodology development following the selection of the construction contractors. Project refinements have also been made as part of the ongoing design and construction methodology development since the EIS was exhibited. These amendments and refinements have been described and considered in relevant impact assessments.

## 1.2 Key features of the project (as publicly exhibited)

The key components of the project as outlined and assessed in the EIS included:

- construction and operation of around 360 kilometres of new double circuit 500 kV transmission lines and associated infrastructure between Wagga Wagga, Bannaby and Maragle
- construction of a new 500/330 kV substation at Gregadoo (Gugaa 500 kV substation) approximately 11 kilometres south-east of the existing Wagga 330/132 kV substation (Wagga 330 kV substation)
- demolition and rebuild of a section of Line 51 (around two kilometres in length) as a double circuit 330 kV transmission line connecting into the Wagga 330 kV substation
- modification of the existing Wagga 330 kV substation and Bannaby 500/330 kV substation (Bannaby 500 kV substation) to accommodate the new transmission line connections
- connection of transmission lines to the future Maragle 500/330 kV substation (Maragle 500 kV substation, approved under the Snowy 2.0 Transmission Connection Project (SSI-9717))
- provision of one optical repeater telecommunications hut and associated connections to existing local electrical infrastructure
- establishment of new and/or upgraded temporary and permanent access tracks
- ancillary works required for construction of the project such as construction compounds, worker accommodation facilities, utility connections and/or relocations, brake and winch sites, and helipad/helicopter support facilities.



### 1.3 Overview of the proposed amendments and refinements

Since the public exhibition of the EIS, several amendments and refinements to the project have been proposed.

The proposed amendments to the project include:

- changes to the transmission line corridor, including the realignment of the route through Green Hills State Forest to the west of Batlow
- change to the number and location of construction ancillary facilities, including worker accommodation facilities and construction compounds
- nomination of access tracks to support the construction and operation of the project
- additional telecommunications connections to existing substations.

The proposed refinements to the project include:

- transmission line and substation design refinements at Gregadoo
- identification of areas where controlled blasting may be required
- use of approved water sources
- use of helicopters and drones.

Refer to Chapter 2 of this report for a detailed description of amendments and refinements relevant to this assessment.

Figure 1-1 shows the location of the amended project and Figure 1-2 shows the key components of the amended project.

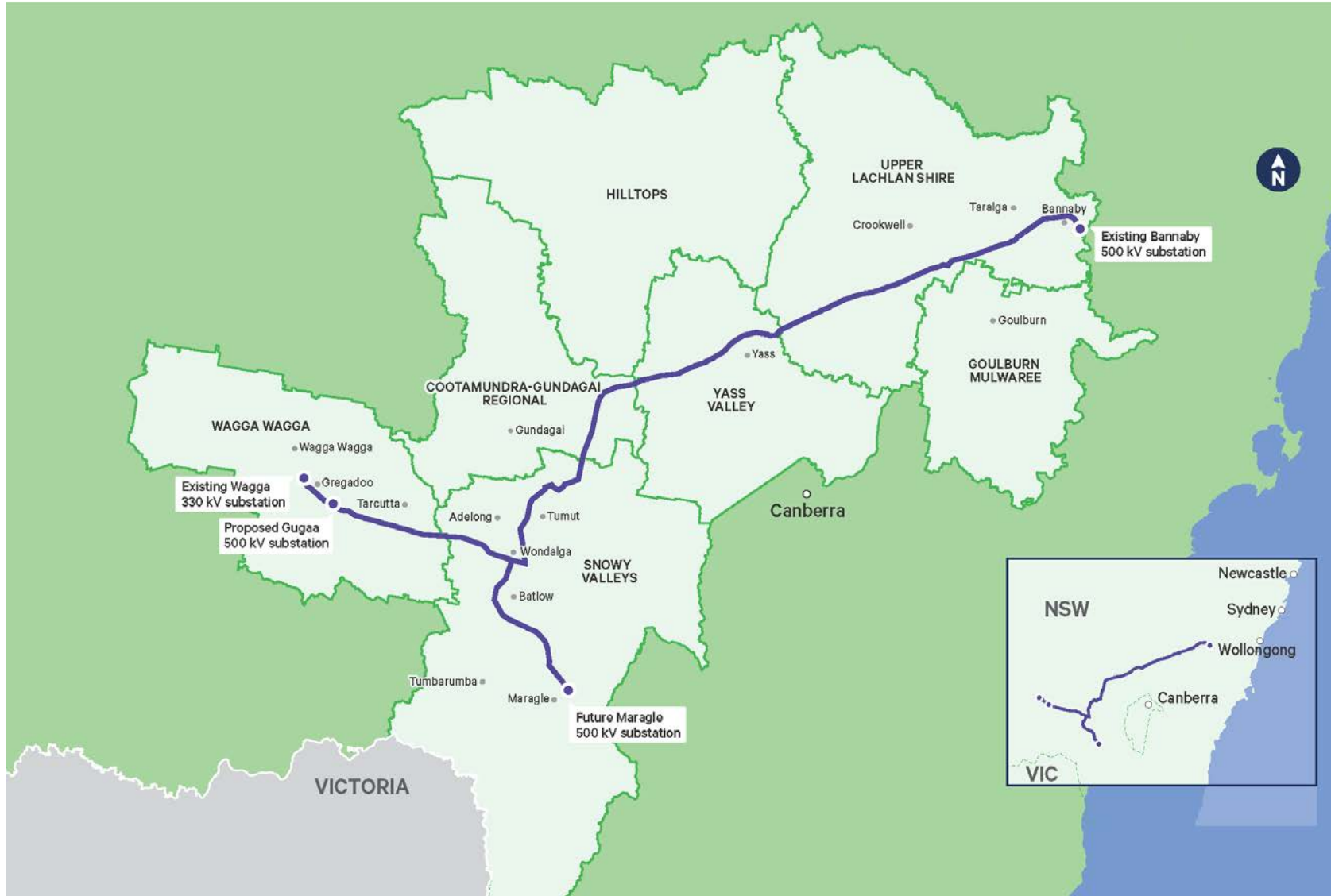
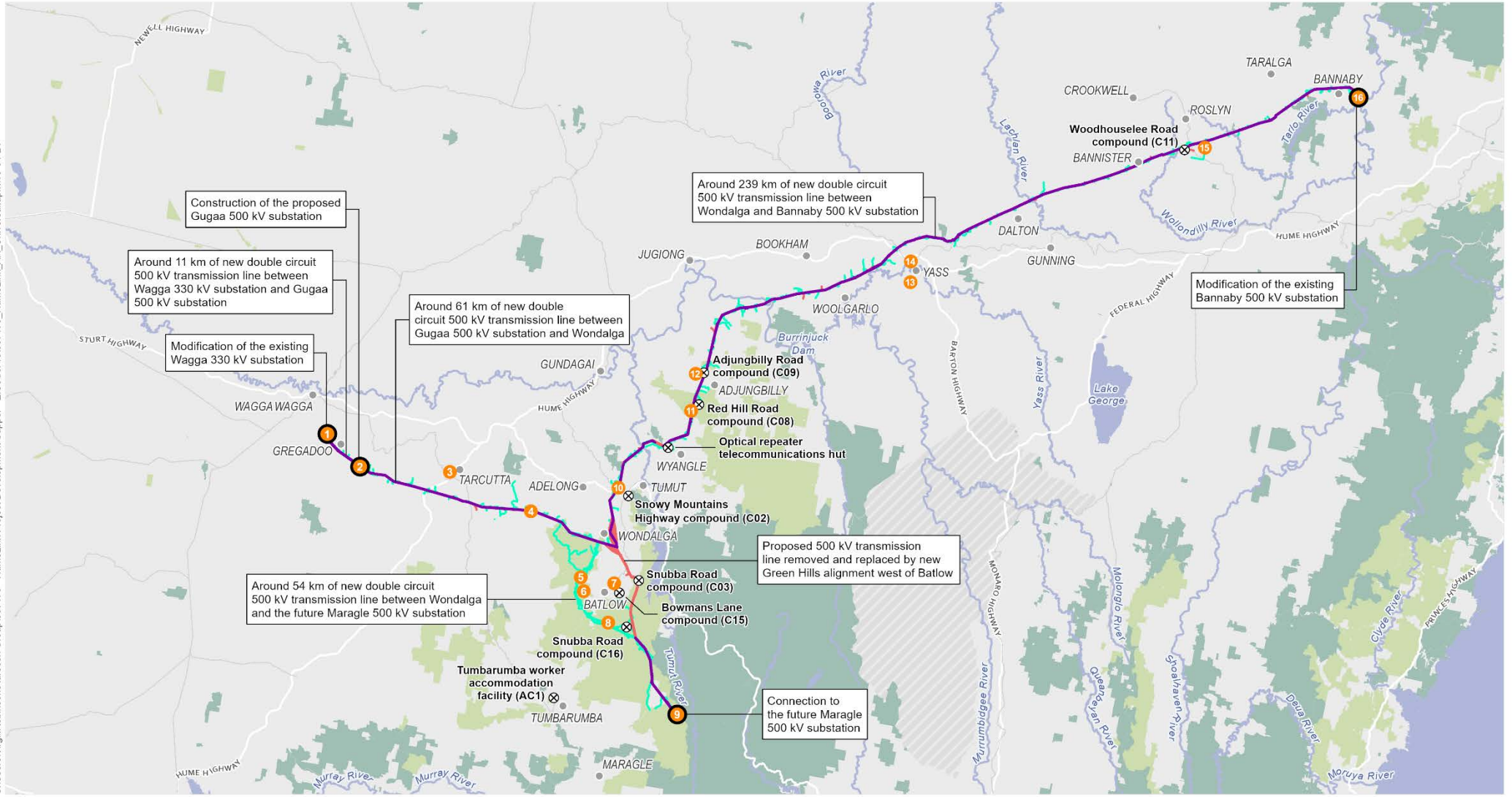


Figure 1-1 Overview of amended project location



EIS project footprint	State forest	<b>Construction ancillary facilities</b>	Green Hills accommodation facility and compound (AC07)	Adjungbilly accommodation facility and compound (AC04)
Removed footprint	Waterbody	Wagga 330 kV substation compound (C01)	Amended Memorial Avenue compound (C14)	Yass substation compound (C10)
Amendments	Waterway	Amended Gregadoo Road compound (C06)	Snubba Road compound (C18)	Yass accommodation facility and compound (AC05)
Removed project facility	Major road	Tarcutta accommodation facility and compound (AC03)	Maragle 500 kV substation compound (C05)	Crookwell accommodation facility and compound (AC06)
National park and reserve	Railway	Ellerslie Road compound (C21)	Gadara Road compound (C19)	Amended Bannaby 500 kV substation compound (C12)
		Ardrossan Headquarters Road compound (C17)	Amended Honeysuckle Road compound (C07)	

Source: Aurecon, Transgrid, Spatial Services (DCS), ESRI Basemap



Projection: GDA 1994 MGA Zone 55

Figure 1-2: Key components of the amended project



## 1.4 Purpose and structure of this report

This report forms an addendum to *Technical Report 3 - Historic Heritage Impact Assessment* prepared for the EIS. The purpose of this report is to support the HumeLink Amendment Report by assessing the potential impacts to historic heritage associated with the proposed amendments and refinements to the project.

This report is structured as follows:

- Chapter 1 (Introduction) – provides an overview of the project, the proposed amendments and the purpose of this report.
- Chapter 2 (Summary of the proposed amendments) – provides a description of the proposed amendments and refinements to the project.
- Chapter 3 (Legislative and policy context) – provides an outline of the key legislative requirements and policy guidelines relating to the proposed amendments to the amended project.
- Chapter 4 (Methodology) – provides an outline of the methodology used for the preparation of this report.
- Chapter 5 (Historical context) – provides historical context for the project.
- Chapter 6 (Physical context) - discusses the physical context of the project including landscape context, past land use, previously recorded historic items places in the heritage study area, survey results and analysis.
- Chapter 7 (Heritage significance) - describes the cultural heritage values and assesses the significance of historic objects and places.
- Chapter 8 (Assessment of impacts) – describes the potential construction and operation impacts associated with the proposed amendments to the project.
- Chapter 9 (Management of impacts) – outlines the proposed mitigation measures for the proposed amendments to the project.
- Chapter 10 (Conclusion) – provides a conclusion of the potential impacts of the proposed amendments to the project with reference to the potential for historic heritage
- Chapter 11 (References) – identifies the key information sources (including reports and documents) used to generate the assessment.

## 1.5 Key project terms

The key project terms used in this assessment include:

- Amended project – The CSSI project “HumeLink”, which is the subject of the Amendment Report and inclusive of the proposed amendments and project refinements to the project as described in the EIS. The project involves the construction and operation of high voltage transmission lines and associated infrastructure between Wagga Wagga, Bannaby and Maragle.
- Amended project footprint – The area that has been assumed for the purpose of the Amendment Report to be directly affected by the construction and operation of the project. It includes the indicative location of project infrastructure, the area that would be directly disturbed during construction and any easement required during operation.
- EIS project footprint – The area that was assumed for the purpose of the EIS to be directly affected by the construction and operation of the project. It includes the indicative location of project infrastructure, the area that would be directly disturbed during construction and any easement required during operation.



## 2 SUMMARY OF THE PROPOSED AMENDMENTS

Transgrid has identified several proposed amendments and refinements to the project as described in the EIS. These amendments and refinements reflect functional improvements to the design and construction methodology of the project. They consider:

- feedback received from stakeholders prior to and during the public exhibition of the EIS
- comments made in formal submissions on the EIS
- ongoing design and construction methodology development by the construction contractors.

Amendments to the project are defined as changes in what the proponent is seeking approval for following the public exhibition of the EIS. Project amendments require changes to the project description in the EIS and amendments to the associated infrastructure application.

The proposed amendments to the project include:

- changes to the transmission line corridor including the realignment of the route through Green Hills State Forest to the west of Batlow
- changes to the number and location of construction ancillary facilities including worker accommodation facilities and construction compounds
- nomination of access tracks to support the construction and operation of the project
- additional telecommunications connections to existing substations.

Refinements to the project are defined as aspects of the project that generally fit within the limits set by the project description in the EIS. Refinements do not change what is being sought approval for or require an amendment to the infrastructure application for the project. For completeness, these refinements have been considered in this report.

The proposed refinements to the project include:

- transmission line and substation design refinements at Gregadoo identification of areas where controlled blasting may be required
- use of approved water sources
- use of helicopters and drones.

Table 2-1 describes the proposed amendments and refinements relevant to this technical report. A full description of the amended project is provided in Chapter 3 (Description of the amended project) of the Amendment Report. The construction contractors will continue to refine and confirm the design and construction methodology during detailed design and construction planning.



**Table 2-1 Proposed amendments and refinements relevant to this assessment**

Amendment / refinement	Description
<b>Amendments</b>	
<p><b>Changes to the transmission line corridor</b></p>	<p>The amended project includes the preferred western route through Green Hills State Forest. The new 32.5 km route extends from Wondalga through the Green Hills State Forest before travelling to the west and south of Batlow and connecting to the EIS project transmission line corridor in Bago State Forest.</p> <p>In addition, the following minor changes have been made to the transmission line corridor following design considerations and feedback from landholders:</p> <ul style="list-style-type: none"> <li>• 1.4 km realignment of the corridor to the north between Ashfords Road to Ivydale Road, Gregadoo</li> <li>• 2.5 km realignment of the corridor to the south across Kyeamba Creek and Tumbarumba Road, Book Book</li> <li>• 2.7 km realignment of the corridor to the east near Snowy Mountains Highway, Gadara</li> <li>• 1.4 km realignment of the corridor to the east adjacent Minjary National Park at Gocup</li> <li>• 5.9 km realignment of the corridor from north of the crossing of Tumut River to south of the crossing of Killimicat Creek, Killimicat (including a minor 50 m shift to the north for 2.1 km and a 2.6 km shift to the south from Brungle Road to before the crossing of Killimicat Creek)</li> <li>• 0.4 km realignment of the corridor to the north at Bannister, about 2.7 km west of Crookwell Road/Goulburn Road</li> <li>• narrowing of the project footprint at Wondalga, Gobarralong and Bowning.</li> </ul>
<p><b>Updates to construction ancillary facilities including worker accommodation facilities and construction compounds</b></p>	<p><b>Changes to construction compounds</b></p> <p>Following further construction planning and consultation with landowners, the following compounds described and assessed in the EIS have been removed from the project:</p> <ul style="list-style-type: none"> <li>• Snowy Mountains Highway compound (C02)</li> <li>• Snubba Road compound (C03)</li> <li>• Red Hill Road compound (C08)</li> <li>• Adjungbilly Road compound (C09)</li> <li>• Woodhouselee Road compound (C11)</li> <li>• Bowmans Lane compound (C15)</li> <li>• Snubba Road compound (C16).</li> </ul> <p>These have been replaced with the following compounds:</p> <ul style="list-style-type: none"> <li>• Ardrossan Headquarters Road compound (C17) – located about 7.6 km west of Batlow</li> <li>• Snubba Road compound (C18) – located about 7.7 km south of Batlow</li> <li>• Gadara Road compound (C19) – located about 4.9 km west of Tumut</li> <li>• Eilerslie Road compound (C21) – located about 13.1 km south-west of Adelong.</li> </ul>



<b>Amendment / refinement</b>	<b>Description</b>
	<p>The proposed footprint for the Gregadoo Road compound (C06), Honeysuckle Road compound (C07), Bannaby substation compound (C12) and Memorial Avenue compound (C14) have also been revised.</p> <p>Following these changes, there are now 11 standalone construction compounds proposed.</p> <p><b>Changes to accommodation facilities</b></p> <p>The Tumbarumba accommodation facility (AC01) is no longer required. The amended project includes the following new combined worker accommodation facilities and compounds:</p> <ul style="list-style-type: none"> <li>• Tarcutta accommodation facility and compound (AC03) – located about 1.5 km south-west of Tarcutta</li> <li>• Adjungbilly accommodation facility and compound (AC04) – located about 21.7 km east of Gundagai</li> <li>• Yass accommodation facility and compound (AC05) – located on the north-western outskirts of the Yass township</li> <li>• Crookwell accommodation facility and compound (AC06) – located off Graywood Siding Road, about 18.1 km north of Goulburn</li> <li>• Green Hills accommodation facility and compound (AC07) – located about 6.5 km west of Batlow.</li> </ul>
<p><b>Nomination of access tracks</b></p>	<p>New access tracks or upgrades to existing access tracks are proposed to connect construction areas and the transmission line easement to the existing road network.</p> <p>Existing unsealed local roads, forest roads, and tracks proposed for use as part of the access arrangements may also require minor improvement work, such as grading or resurfacing, or drainage work.</p>





## 3 LEGISLATIVE AND POLICY CONTEXT

### 3.1 Commonwealth legislation

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

There has been no change to the *Environment Protection and Biodiversity Conservation Act 1999* (the EPBC Act) context presented in *Technical Report 3 - Historic Heritage Impact Assessment* prepared for the EIS.

#### 3.1.2 Register of the National Estate

There has been no change to the Register of the National Estate (RNE) context presented in the EIS report.

### 3.2 State legislation

#### 3.2.1 Heritage Act 1977

There has been a change to the Register of the *Heritage Act 1977* context presented in the EIS report, with items in blue in Table 3-1 indicating additional items to those previously presented in the EIS. There are now two historic items on the State Heritage Register (SHR) within the amended heritage study area. Hambledon Homestead was not within the heritage study area for the EIS but is within the amended heritage study area. Hillas Farm Homestead and Outbuildings was within the heritage study area for the EIS and is within the amended heritage study area. Both are located outside the amended project footprint. The amended heritage study area for this Addendum Report was defined by applying a one kilometre wide buffer to either side of the amended project footprint.

**Table 3-1 Places on the SHR within the amended heritage study area\***

Item name	Location	LGA	Item type	Listing no.
Hillas Homestead and Outbuildings	Farm and Hanworth Road Bannaby NSW 2580	Upper Lachlan Shire	Landscape	00301
Hambledon Homestead	Tarcutta Street, Tarcutta, NSW 2652	Wagga Wagga City	Landscape	00351

\*Note: Those shaded grey are in the amended heritage study area only but outside the amended project footprint.

#### 3.2.2 Local Environmental Plans

There are nineteen additional places on LEPs in the amended heritage study area to those presented in the EIS report, items in blue in Table 3-2 indicate additional items. In addition, Ivydale and Coolalie Limestone Kilns and Quarry are within the amended project footprint but were only within the heritage study area for the EIS.

In total, there are 42 items within the amended heritage study area listed on LEP environmental heritage schedules, six of which are within the amended project footprint (Table 3-2).



**Table 3-2 Places on LEPs within the amended project footprint and amended heritage study area\***

Item name	Address	Type	Significance	LEP	Item no.
Bunnaby Homestead	77 Hanworth Road (adj. to Hillas Farm), Bannaby	Built	Local	Upper Lachlan	I2
Bannaby Shearing Shed c.1886	Bannaby Road and Hanworth Road, Bannaby	Built	Local	Upper Lachlan	I3
Hillas Homestead and Farm Outbuildings	47 Hanworth Road, Bannaby	Complex Group /	State	Upper Lachlan	I1
Hambledon Homestead	4557 Tarcutta Street, Tarcutta	Built	State	Wagga Wagga	I196
Hambledon Outbuildings	4557 Tarcutta Street, Tarcutta	Built	Local	Wagga Wagga	I197
Tarcutta Inn (former)	Sydney Street, Tarcutta	Built	Local	Wagga Wagga	I198
Chinese Clearing site	Mates Gully Road, Tarcutta	Landscape	Local	Wagga Wagga	I206
Tarcutta House	Humula Road, Tarcutta	Built	Local	Wagga Wagga	I201
Galvin Graves	Westbrook Oberne Road,	Landscape	Local	Wagga Wagga	I171
Janey Harvey's Cottage and Outbuilding	Westbrook Oberne Road,	Built	Local	Wagga Wagga	I172
Dellhaven Homestead	Wilkinsons Oberne Road,	Built	Local	Wagga Wagga	I177
Tarlo River National Park	Tarlo via Taralga Road, Tarlo	Landscape	Local	Upper Lachlan	I160
Elizabeth Nugent's grave on College Creek	1615 Humula Road, Tarcutta	Landscape	Local	Wagga Wagga	I202
Ivydale	10 Ivydale Road, Gregadoo	Built	Local	Wagga Wagga	I72



Item name	Address	Type	Significance	LEP	Item no.
Ivydale Woolshed	9 Ivydale Road, Gregadoo	Built	Local	Wagga Wagga	I73
Stone Ruin	1149 Gregadoo East Road, Gregadoo	Built	Local	Wagga Wagga	I71
Tennis Court	Keajura Road, Tarcutta	General	Local	Wagga Wagga	I190
Coolalie Limestone Kilns and Quarry	Bango Lane, Yass	Archaeological-Terrestrial	Local	Yass Valley	A297
Derringullen Creek fossil area	Hume Highway, Yass	Landscape	Local	Yass Valley	A299
Yass Junction Railway Station	Faulder Av, Yass	Built	Local	Yass Valley	I209
Yass railway weir	Bango Creek, Yass	Built	Local	Yass Valley	I280
Albury villa	Orion St, Yass	Built	Local	Yass Valley	I218
Aberlour and stables	Victoria St, Yass	Built	Local	Yass Valley	I152
Old Batlow Co-operative Canning Office	Pioneer St, Batlow	Built	Local	Tumut	I29
Batlow Hotel Building	Pioneer St, Batlow	Built	Local	Tumut	I25
Batlow Newsagent (former Batlow Post Office)	Pioneer St, Batlow	Built	Local	Tumut	I26
Public School Batlow Technology School	Pioneer St, Batlow	Built	Local	Tumut	I30
Former State Bank Building	Pioneer St, Batlow	Built	Local	Tumut	I24
Uniting Church	Batlow Rd, Batlow	Built	Local	Tumut	I33
The Old Nurses Quarters	Mayday Rd, Batlow	Built	Local	Tumut	I23



Item name	Address	Type	Significance	LEP	Item no.
Batlow Centre Masonic	Pioneer St, Batlow	Built	Local	Tumut	I31
Batlow Museum (former Church)	Batlow Rd, Batlow	Built	Local	Tumut	I22
Batlow Institute Literary	Pioneer St, Batlow	Built	Local	Tumut	I28
Roman Catholic Church/Convent	Pioneer St, Batlow	Built	Local	Tumut	I32
Anglican Church	Pioneer St, Batlow	Built	Local	Tumut	I27
Sugar Pine Walk	Kopsens Road	Natural	Local	Tumut	I43
Pilot Hill Arboretum	Bago State Forest	Natural	Local	Tumut	I42
Gilmore School	5740 Batlow Road	Built	Local	Tumut	I35
Gilmore Hall	5870 Batlow Road	Built	Local	Tumut	I36
Gilmore Church	5882 Batlow Road	Built	Local	Tumut	I37
Gadara Homestead (Downing Homestead)	1302 Snowy Mountains Highway	Built	Local	Tumut	I34
Gocup School and Residence	885 Gocup Road	Built	Local	Tumut	I38

\*Note: Those shaded grey are in the amended heritage study area only but outside the amended project footprint.



Figure 3-1 depicts the location of heritage listed items in relation to the amended project footprint and amended heritage study area, a map set is also included in Attachment 1. More detailed maps for each location are within Chapter 6.

The Heritage Council of NSW submission identified that Hillas Farm Homestead and Outbuildings (SHR no. 00301) at Hanworth Road, Bannaby was missing from Figure 3-1 from *Technical Report 3 – Historic Heritage Impact Assessment* of the EIS.

On review, it was confirmed that the Hillas Farm Homestead and Outbuildings were inadvertently omitted from Figure 3-1 from *Technical Report 3 – Historic Heritage Impact Assessment* of the EIS. However, the SHR item was considered as part of the assessment. In addition, the location of Hillas Farm Homestead and Outbuildings was shown on Figure 10-1 of the EIS.

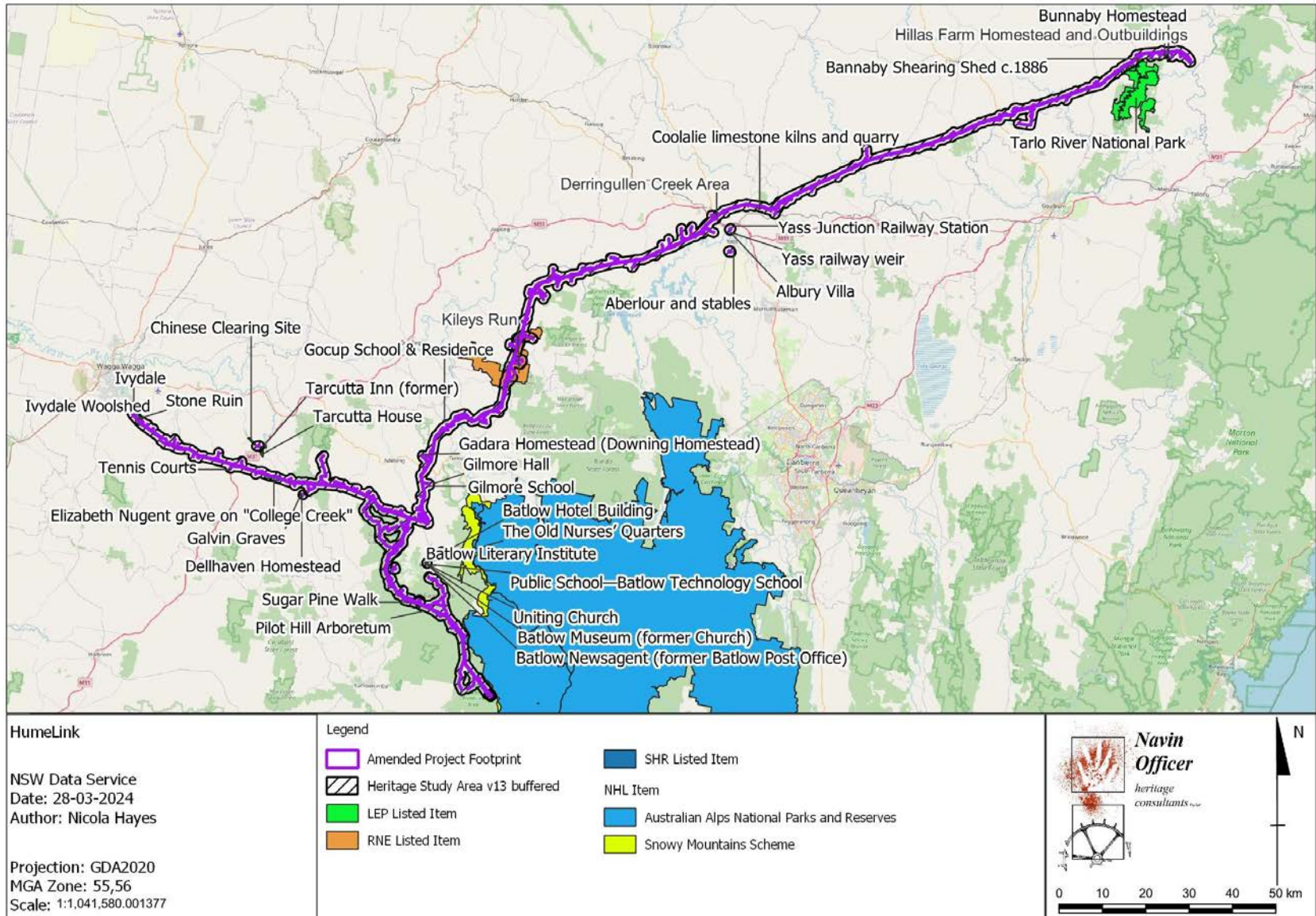


Figure 3-1 Location of heritage listed items



## 4 METHODOLOGY

### 4.1 Overview of approach

This report has been developed in accordance with principles of *The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance*, 2013 ('the Burra Charter', Australia ICOMOS, 2013), and the following guidelines:

- *NSW Heritage Manual* (NSW Heritage Office, 1996)
- *Assessing Heritage Significance* (NSW Heritage Office, 2001)
- *Statements of Heritage Impact* (Heritage Office & Department of Urban Affairs and Planning, 2002)
- *Assessing Significance for Historical Archaeological Sites and 'Relics'* (Heritage Branch, Department of Planning, 2009).

The report describes the results of the investigation to identify historic cultural heritage values within the amended historic heritage study area, assesses the impact the proposed development may cause, and outlines management recommendations for actions to avoid, minimise or mitigate the impact.

### 4.2 Key tasks

#### 4.2.1 Database review

Searches were updated of the following statutory heritage registers and schedules:

- World Heritage List
- National Heritage List
- Commonwealth Heritage List
- State Heritage Register
- Section 170 Heritage and Conservation Register(s) within the State Heritage Inventory (NSW Heritage)
- Environmental Heritage Schedules from the Local Environmental Plans for Wagga Wagga City, Yass Valley, Snowy Valleys (formerly Tumut Shire and Tumbarumba Shire), Cootamundra-Gundagai Regional (formerly Cootamundra Shire and Gundagai Shire) and Upper Lachlan Shire local government areas.

#### 4.2.2 Field survey

The field investigation was carried out in tandem with the Aboriginal cultural heritage surveys and involved physical inspection of the historic heritage survey area across all accessible properties, refer to Figure 4-1 for the location of areas surveyed to date. Any features of historic heritage significance or potential significance encountered in the amended historic heritage study area were recorded.

### 4.3 Personnel

Contributors to the collection of information towards the preparation of this report from Navin Officer Heritage Consultants (NOHC) has included:

- Ben Sybert
- Jasmine Fenyvesi



- Joel Mason
- Meg Walker
- Ngaire Richards
- Tessa Bryant
- Elisa Scorsini
- Nicola Hayes
- Ricardo Servin
- Ellaine Dickens
- Darren Curnoe.

This report was prepared by Nicola Hayes with geographic information system (GIS) support from Ben Sybert. Nicola has a Bachelor of Arts and Science (BA/Sc), as well as a Graduate Diploma in Archaeology from the Australian National University.

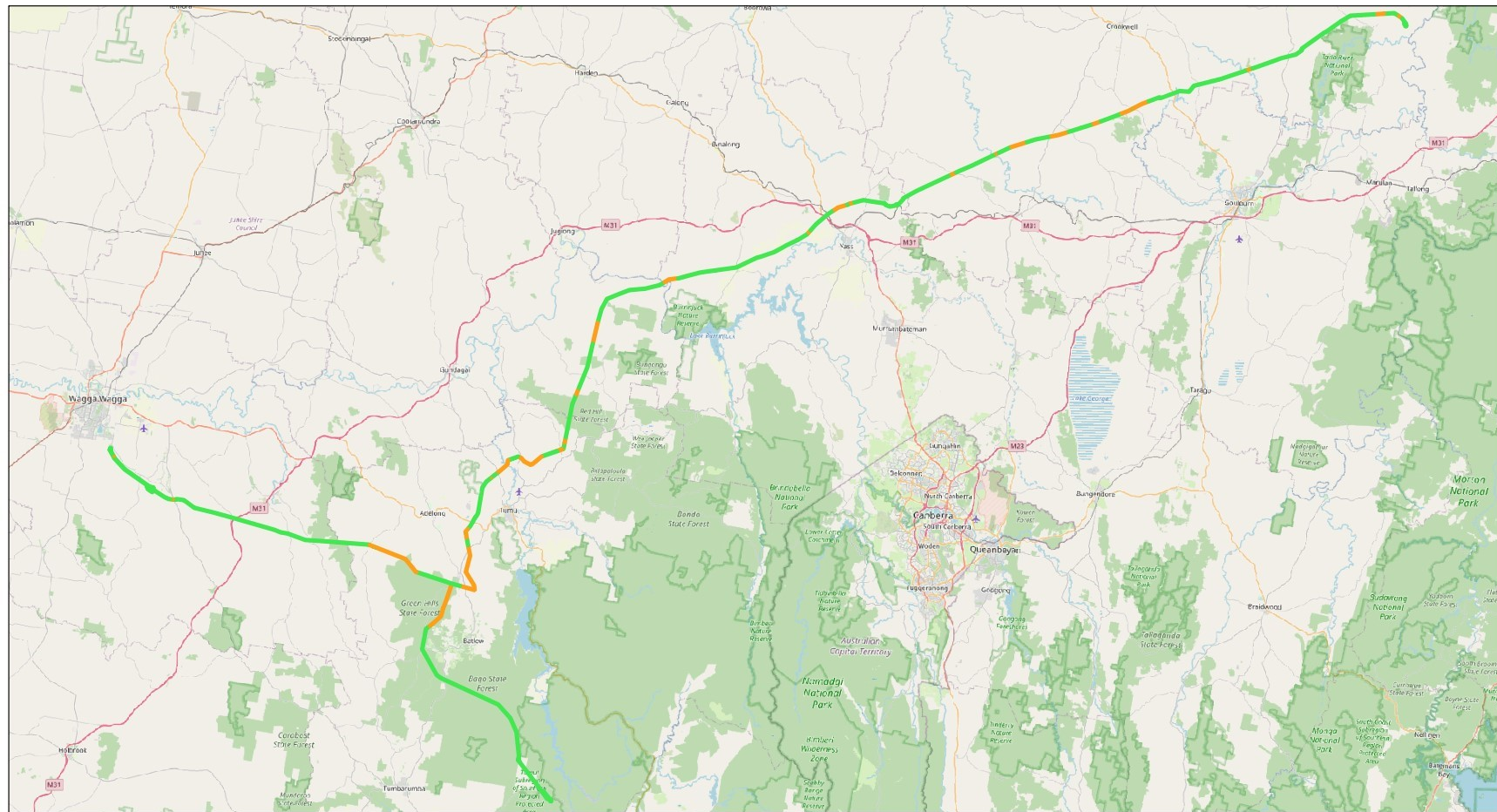
#### **4.4 Limitations and uncertainty**

Not all areas of the amended historic heritage study area could be physically surveyed due to property access constraints. Approximately 80.5 per cent of the amended project footprint has been directly assessed via survey. The surveys included all areas where access was possible, as well as relevant areas from the EIS project footprint that were not previously accessible. Where access was not possible, the area was viewed from the nearest available public vantage point, such as a road, as well as using aerial maps, parish maps and photographs. Refer to Figure 4-1 which shows the areas surveyed and unsurveyed.

The information fields in the State Heritage Inventory were often incomplete for listed items and the basis for assessments were often not stated. Reassessment of the historic heritage significance of these items against incomplete listing information was not possible due to the time involved in such an assessment and the listed significance was used in this assessment.

The assessment of visual impacts on heritage items was reliant on the findings of *Technical Report 8 – Landscape Character and Visual Impact Assessment Addendum*.





**HumeLink**  
 NSW Data Service  
 Date: 06-11-2023  
 Author: Elaine Dickens  
  
 Projection: GDA2020  
 MGA Zone: 55,56  
 Scale: 1:970,734.565224

**Legend**

Survey Completion

- █ Surveyed
- █ Unsurveyed

**Navin Officer**  
 heritage consultants 1984

**Figure 4-1 Survey completion**



## 5 HISTORICAL CONTEXT

There has been no change to the historical context presented in the EIS Report.



## 6 PHYSICAL CONTEXT

### 6.1 Landscape context

There has been no change to the landscape context presented in the EIS report.

### 6.2 Previously recorded items within the amended project footprint

There are seven heritage listed items that have curtilages that are located partially within the amended project footprint, which is a change from five presented in the HHIA prepared for the EIS. The two new items are Ivydale and Coolalie Limestone Kilns and Quarry. There have been some changes to the area of each item impacted by the amended project footprint. The following section has been updated to reflect these changes.

The database review was undertaken in June 2020 and updated in April 2021, June 2021, September 2022, and November 2023. Table 6-1 lists previously recorded historic items. Sections 6.2.1 to 6.2.6 provide a description of the heritage listed items.

Two of these items (Kiley's Run and Derringullen Creek Area) are on the RNE. The RNE was closed in 2007 and is no longer a statutory list. All references to the RNE were removed from the EPBC Act on 19 February 2012. The RNE is now an archive of information rather than a statutory list.

Kiley's Run (Item ID 16005) is 'indicative' on the RNE and is not listed on any other register.

Derringullen Creek Area (Item ID 1078) is registered on the RNE and is also listed on the Yass Valley LEP. The listed curtilages for both RNE and LEP areas overlap but are not the same. The RNE listed curtilage is larger than the LEP listed curtilage; the RNE listed curtilage is within the easement portion of the amended project footprint whereas the LEP listed curtilage is traversed by a pre-existing access track.

**Table 6-1 Previously recorded historic items within the amended project footprint**

Item name	Item ID	Category	Significance	LGA	List
Ivydale	I72	Historic	Local	Wagga Wagga City	LEP
Ivydale Woolshed	I73	Historic	Local	Wagga Wagga City	LEP
Stone Ruin	I71	Historic	Local	Wagga Wagga City	LEP
Elizabeth Nugent grave on College Creek	I202	Historic	Local	Wagga Wagga City	LEP
Kiley's Run	16005	Historic/ Intangible	Indicative on the RNE	Cootamundra- Gundagai Regional	RNE
Derringullen Creek Area	RNE 1078 LEP A299	Natural	Registered on the RNE	Yass Valley	RNE and LEP
Coolalie Limestone Kilns and Quarry	A297	Historic	Local	Yass Valley	LEP



### 6.2.1 Ivydale and Ivydale Woolshed, Gregadoo

Ivydale is located at 10 Ivydale Road, Gregadoo, Lot 2, DP 333046. It is listed on the Wagga Wagga LEP 2010 (Item ID I72). The property was previously not impacted by the EIS project footprint and was within the heritage study area only. The southern end of the property is now located within the amended project footprint and the building is approximately 800 metres north of the amended project footprint within the amended heritage study area. It is listed as an item of local historic significance, although no supporting evidence is recorded. This item is within the transmission line portion of the amended project footprint.

Ivydale Woolshed is located at 9 Ivydale Road, Gregadoo, Lot 66, DP 757231 and is 80 metres east of the Ivydale. It is listed on the Wagga Wagga LEP 2010 (Item ID I73). There was minimal change to the extent of the curtilage intersected by the amended project compared to the extent of the curtilage intersected by the EIS project. The amended project footprint now extends 50 metres further into the south of the property. The southern end of the property is within the amended project footprint and the woolshed itself is approximately 600 metres from the amended project footprint within the amended heritage study area. This item is within the transmission line portion of the amended project footprint.



**Figure 6-1 View to the Ivydale, north from the existing transmission line**



**Figure 6-2 View to the Ivydale, north-east from Ivydale Road**

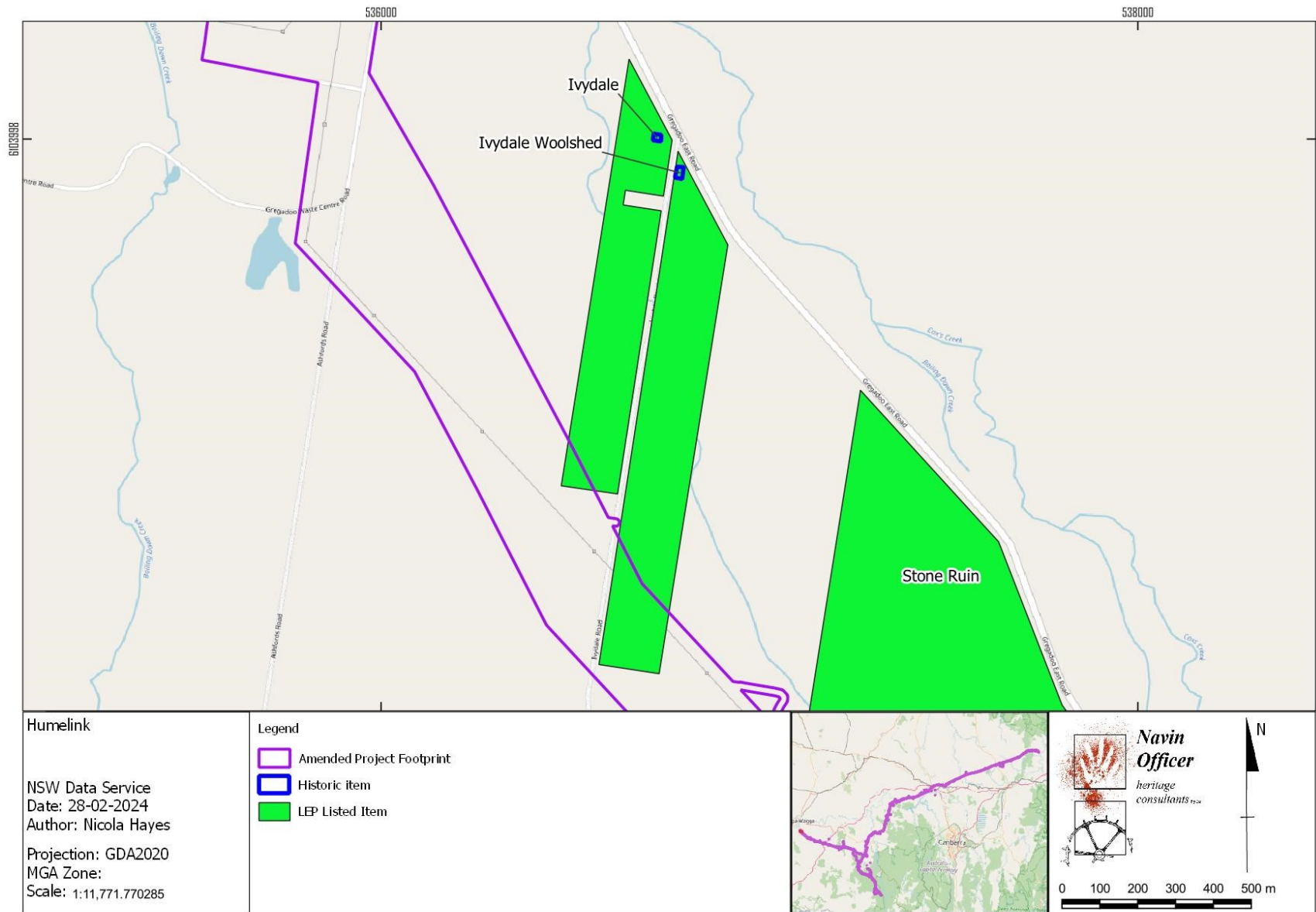


Figure 6-3 Location of Ivydale, Ivydale woolshed and the amended project footprint



## 6.2.2 Stone Ruin

Stone Ruin is located at 1149 Gregadoo East Road, Gregadoo. It is listed on the Wagga Wagga LEP 2010 (Item ID I71). There is minimal change to the extent of the curtilage intersected by the amended project compared to the extent of the curtilage intersected by the EIS project. The amended project footprint now extends 25 metres further into the property.

The property is traversed by the amended project footprint, but the Stone Ruin is approximately 500 metres east of the amended project footprint on Gregadoo East Road (refer to Figure 6-6). The LEP listed curtilage is within the transmission line portion of the amended project footprint. The item itself is within the amended heritage study area only (Figure 6-6).

The item is described as a two-room cottage of granite blocks with a brick chimney. This cottage is a remnant of a selector's cottage, built following the *Selection Act of 1874*.



Figure 6-4 Stone Ruin image from Wagga Wagga City Council Rural Heritage Study 2000<sup>1</sup>

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<sup>1</sup>Freeman 2000: Vol 2, Part 2



**Figure 6-5 Stone Ruin, looking west from Gregadoo Road**



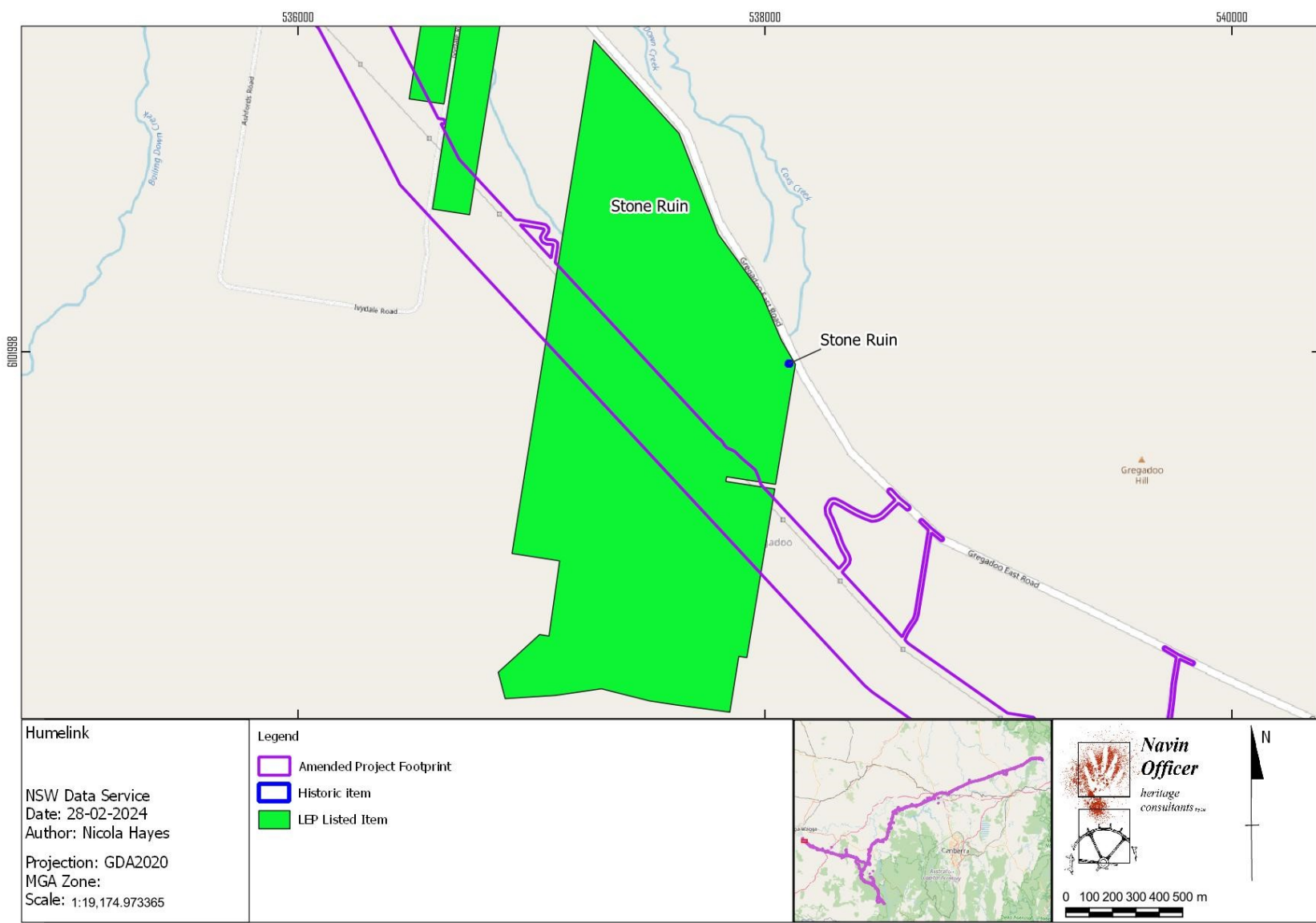


Figure 6-6 Location of Stone Ruin and the amended project footprint

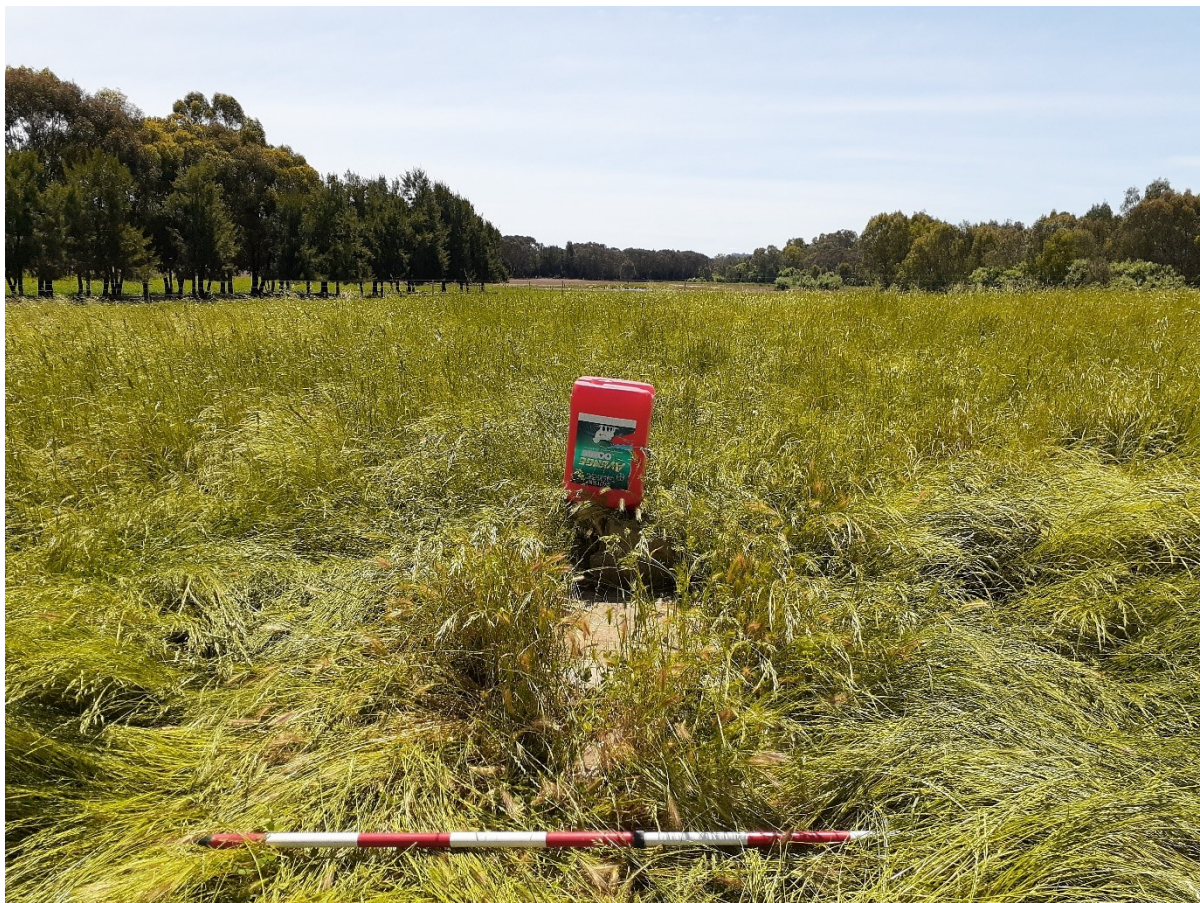


### 6.2.3 Elizabeth Nugent grave on College Creek

The Elizabeth Nugent grave on College Creek is located at 1615 Humula Road, Tarcutta, NSW. It is listed on the Wagga Wagga LEP 2010 (Item ID I202). There are minimal changes to the extent of the curtilage intersected by the amended project. The amended project footprint includes the addition of some intersection works at existing roads and a new access track/road north of the curtilage; however, the location of the transmission line portion remains the same.

The property is traversed by the amended project footprint, but the grave is approximately 430 metres north-east of the amended project footprint (refer to Figure 6-8). This item is within the transmission line portion of the amended project footprint .

The item is described as a broken stone headstone that reads “Died/J 20 1864/Elizabeth Nugent/ aged 74 years”. Another square stone, set into cement, reads “Elizabeth Nugent/Born 1790/Died 20.10.1864/ aged 74 years RIP”.



**Figure 6-7 Elizabeth Nugent’s Grave, marked by red fuel container, the grave is in front of the fuel container**

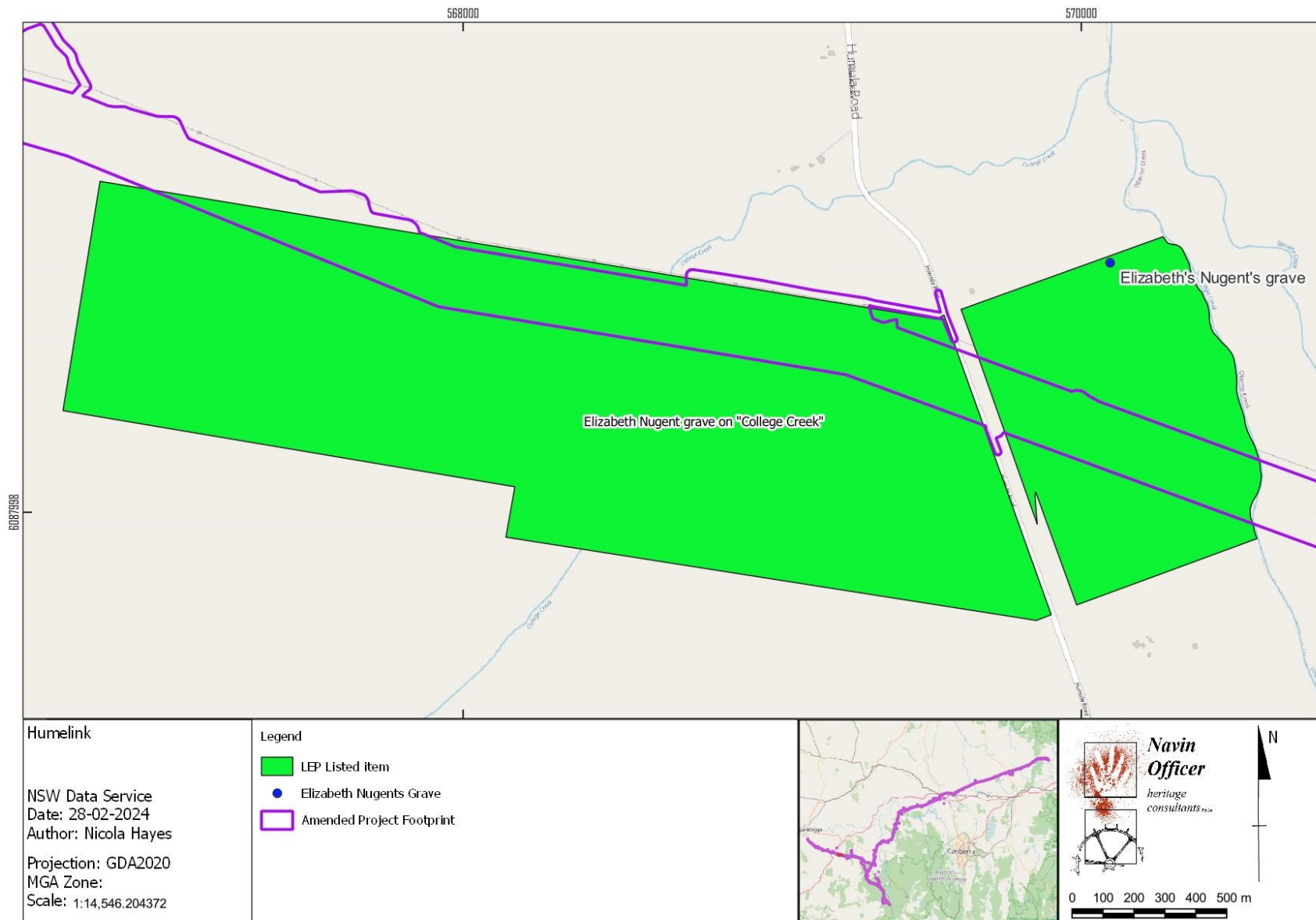


Figure 6-8 Location of Elizabeth Nugent's Grave and the amended project footprint



#### 6.2.4 Kiley's Run

*Kiley's Run*, also known as *Red Hill Station*, is located two kilometres west of Adjungbilly and 30 kilometres north-east of Tumut. It is within the Red Hill State Forest which is part of the Forestry Corporation of NSW (FCNSW) softwood plantation.

There are minimal changes to the extent of the curtilage intersected by the amended project. The amended project footprint now includes several pre-existing roads that are located within the property; however, the location of the transmission corridor remains the same.

Kiley's Run consists of shearers' quarters, woolshed, and homestead. These items are located at least 200 metres west of the amended project footprint.

FCNSW has prepared a Conservation Management Plan (CMP) for the property in response to its historic value and as a result has undertaken basic restoration and clean-up of the homestead, shearing shed, and other buildings. The CMP found that the property meets the threshold for local heritage significance and is presently in poor condition (Giovannelli and O'Keefe, 2021).

Restoration works completed to date have included fencing, regrowth tree removal and clean-up of the homestead and shearing shed and other buildings sites, including weed spraying and removal.

FCNSW has included Kiley's Run on the FCNSW Section 170 register.



**Figure 6-9 Photo of *Kiley's Run* (provided by Charlie Taylor of FCNSW 2022)**

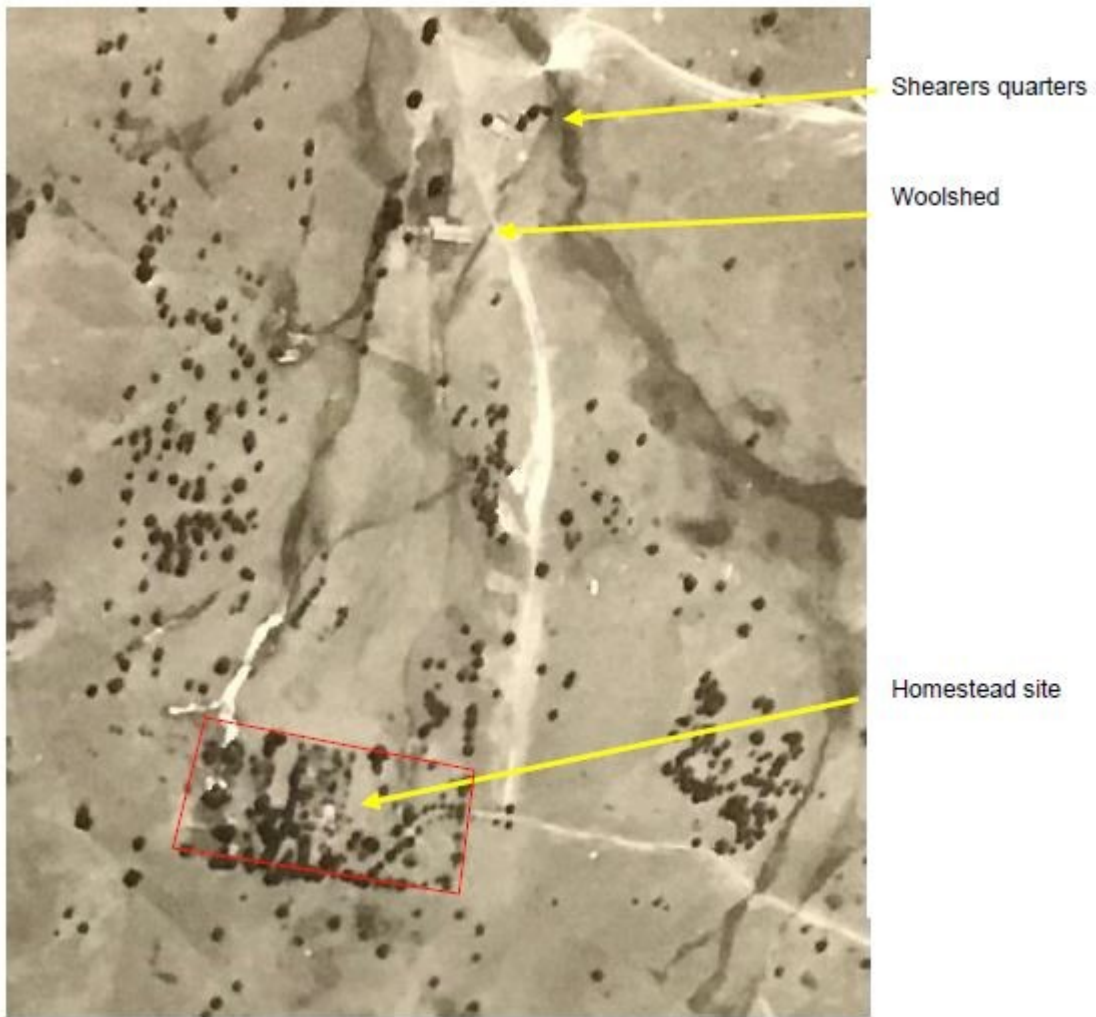


Figure 6-10 1944 aerial image with *Kiley's Run* buildings marked  
(from Giovanelli and O'Keefe, 2021, p. 35)



Figure 6-11 2023 aerial image with *Kiley's Run* buildings marked

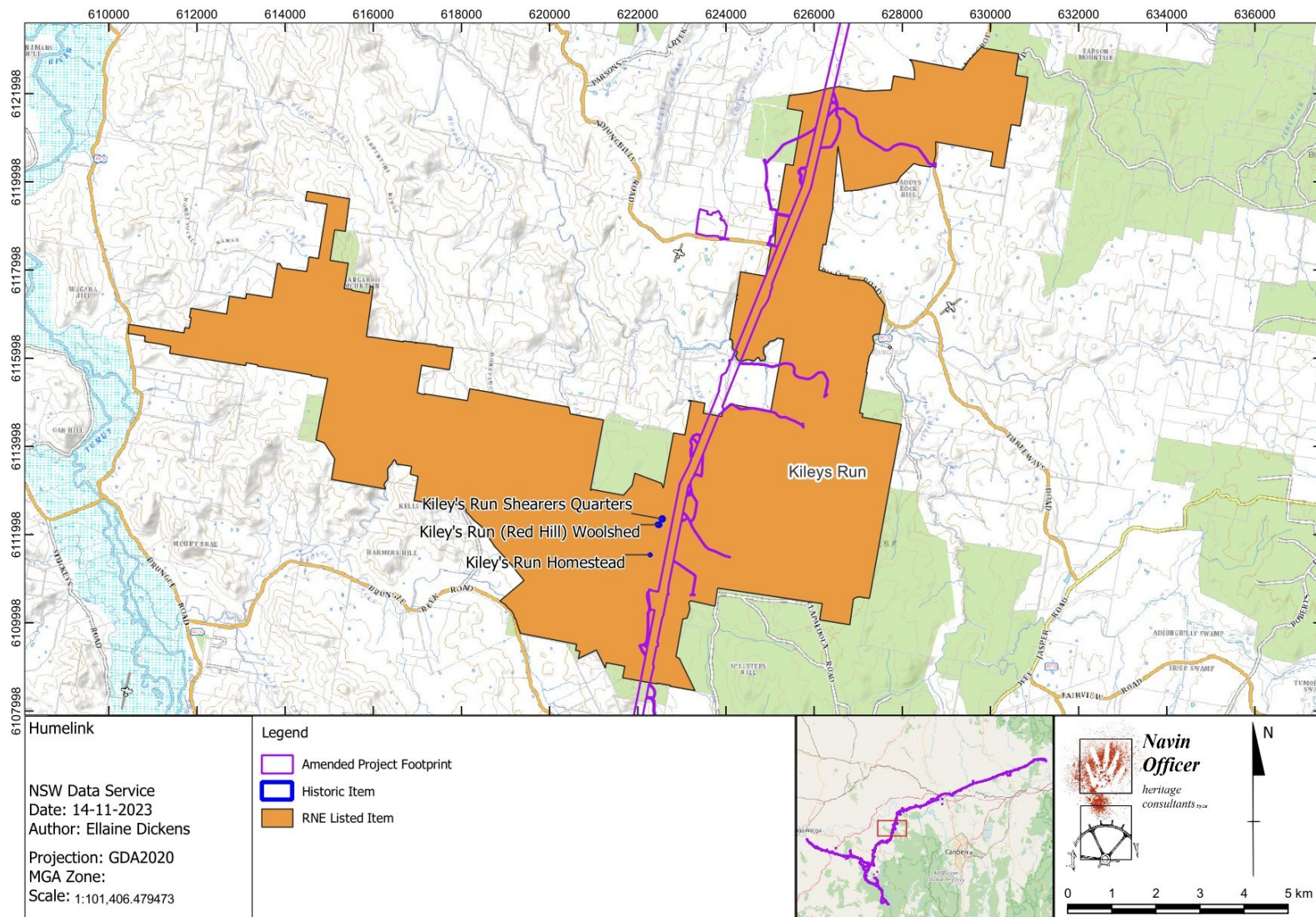


Figure 6-12 Location of *Kiley's Run* and the amended project footprint



### 6.2.5 Derringullen Creek Fossil Site

Derringullen Creek Area is registered on the RNE (Item ID 1078) and is also listed as the Derringullen Creek Fossil Area on the Yass Valley LEP (Item ID A299). The listed curtilages for both areas overlap but are not the same, as the RNE listed curtilage is larger than the LEP listed curtilage. The RNE listed curtilage is within the amended project footprint and is intersected by both the transmission line portion and by access tracks. The LEP listed curtilage is intersected by existing access tracks that form part of the amended project footprint (refer to Figure 6-13).

The Derringullen Creek Fossil Site is one of the State's classic fossiliferous sites. The area includes the type sections of the Tullerah sandstone member and the Gum's Road limestone member of the Silverdale formation, and the Excursion Creek sandstone member, Laidlaw formation. The site has considerable potential educational value.



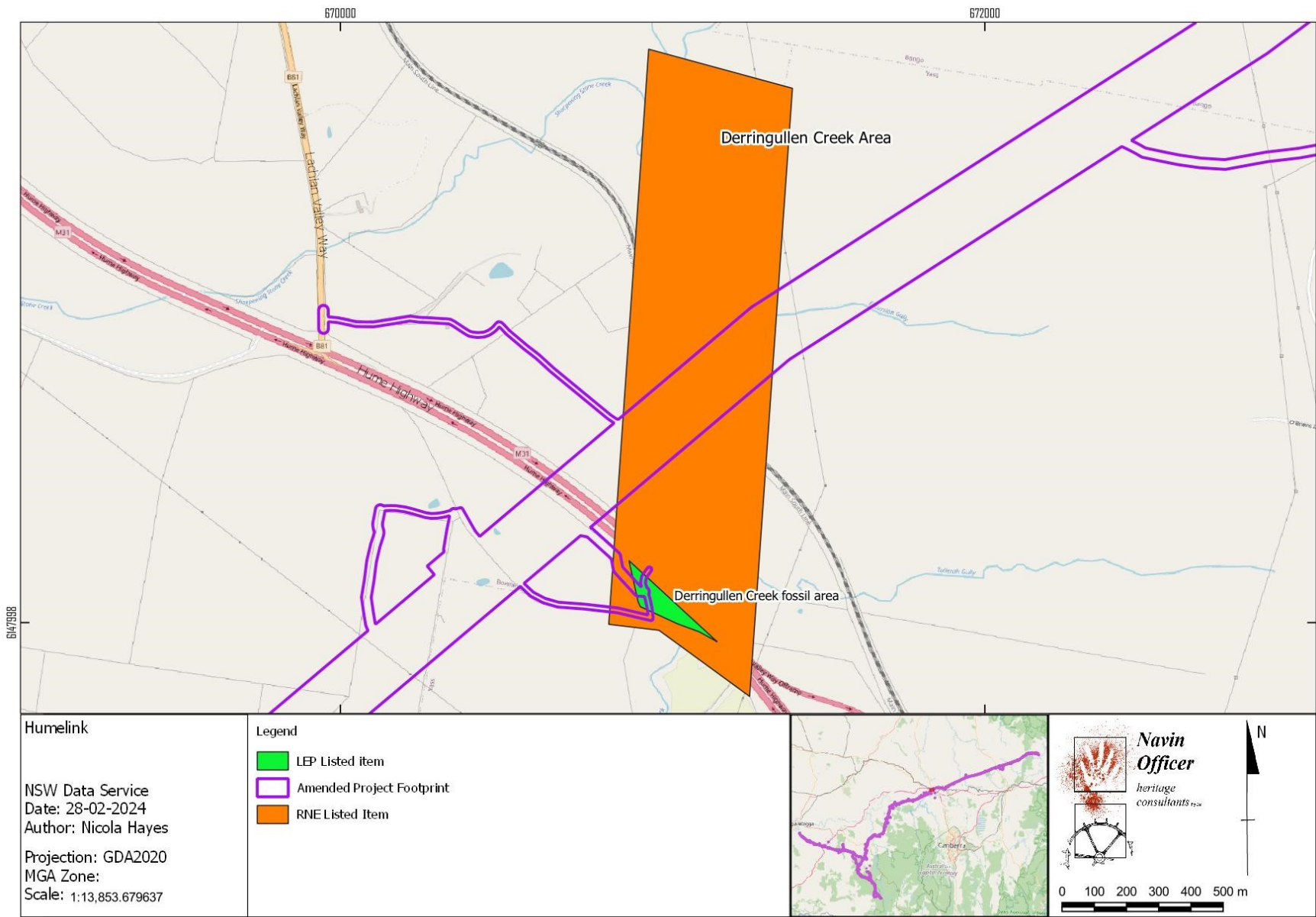


Figure 6-13 Location of Derringullen Creek Fossil Site and the amended project footprint



### 6.2.6 Coolalie Limestone Kilns and Quarry

Coolalie Limestone Kilns and Quarry is located at Bango Lane, Yass, NSW at Lot 22, DP 754099. The site is registered on the Yass Valley LEP 2013 (Item ID A297). The LEP curtilage is intersected by the amended project footprint in the north-east through a pre-existing access track. This property was not within the EIS project footprint.

No other information exists about this site other than the LEP registration. Satellite imagery shows the remains of the limestone kilns to the west of a small dam.



Figure 6-14 2023 Google Satellite Image of Coolalie Limestone Kilns and Quarry

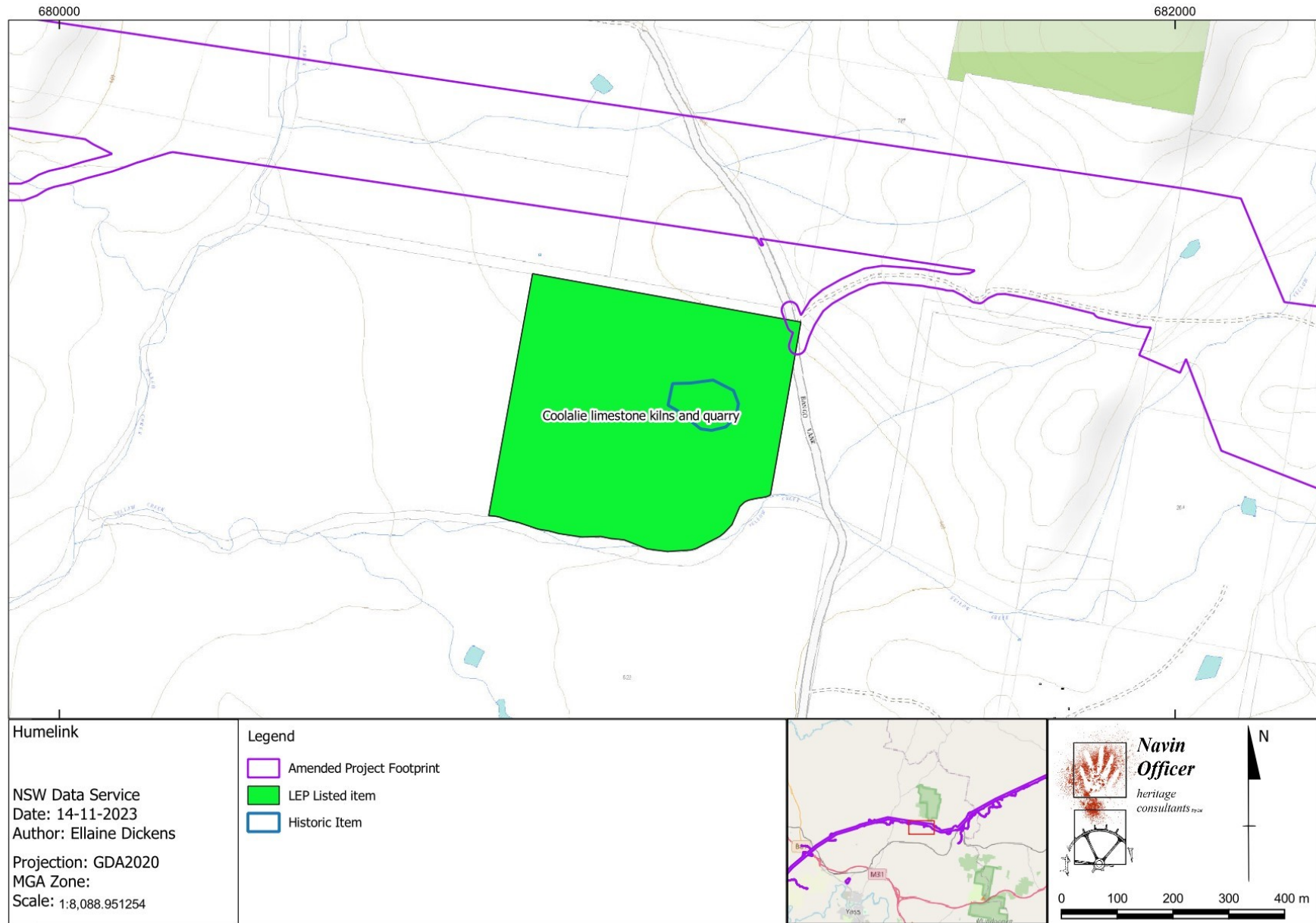


Figure 6-15 Location of Coolalie Limestone Kilns and Quarry and the amended project footprint



### **6.3 Survey results**

There has been no change to the survey results presented in the HHIA prepared for the EIS, and no additional historic heritage items have been recorded.

### **6.4 Analysis of historical heritage survey and discussion**

There has been no change to the analysis presented in the HHIA prepared for the EIS.



## 7 HERITAGE SIGNIFICANCE

There has been no change to the heritage significance assessment presented in the EIS report.



## 8 ASSESSMENT OF IMPACTS

### 8.1 Heritage impact assessment

#### 8.1.1 Impact to historic items within the amended project footprint

There are two additional heritage items of local significance (Ivydale and Coolalie limestone kilns and quarry) within the amended project footprint compared to those presented in the HHIA prepared for the EIS. However, there has been no material change to the overall impact of the amended project. For each of the two additional items, only the curtilage of that item is within the amended project footprint. The historic item itself is not within the amended project footprint. Impacts to historic items and historic items identified during this assessment are discussed below and summarised in Table 8-1. Refer to Figure 8-1 to Figure 8-4 for mapping of these historic items.

**Table 8-1 Summary of indicative impacts to historic items**

Item name	Significance	Impact to item	Would the amended project impact the significance of an item?	Can significance be protected through mitigation?
<b>Historic Site 1: Sheep dip and well</b>	Nil	Item located partially within the amended project footprint. This item is within the transmission line portion of the amended project footprint. Part of this item may be directly impacted by the amended project.	No, as the item has no heritage significance	N/A
<b>Historic Site 2: Chimney</b>	Nil	This item is located wholly within the amended project footprint. This item is within the transmission line portion of the amended project footprint. The whole of this item may be directly impacted by the amended project.	No, as the item has no heritage significance	N/A
<b>Historic Site 3: Modified tree 1</b>	Nil	This item is located wholly within the amended project footprint. This item is within the transmission line portion of the amended project footprint. The whole of this item may be directly impacted by the amended project.	No, as the item has no heritage significance	N/A
<b>Historic Site 4: Modified tree 2</b>	Nil	This item is located wholly within the amended project footprint. This item is within the transmission line portion of the amended project footprint. The whole of this item may be directly impacted by the amended project.	No, as the item has no heritage significance	N/A



Item name	Significance	Impact to item	Would the amended project impact the significance of an item?	Can significance be protected through mitigation?
<b>Ivydale</b>	Local	The heritage listed curtilage of these items are partially within the amended project footprint, however the homestead and the Woolshed are approximately 800 m and 900 m from the amended project footprint respectively therefore there is no direct impact to these items. This item is within the transmission line portion of the amended project footprint.	No	N/A
<b>Ivydale Woolshed</b>				
<b>Stone Ruin</b>	Local	The heritage listed curtilage of this item is partially within the amended project footprint, however the Stone Ruin itself is approximately 430 m east of the amended project footprint therefore there is no direct impact to these items. This item is within the transmission line and access track portion of the amended project footprint.	No	N/A
<b>Elizabeth Nugent grave on College Creek</b>	Local	The amended project footprint impacts the listed curtilage however the exact location of the historic item (Elizabeth Nugent Grave) is 430 m north-east of the amended project footprint therefore there is no direct impact to this item.	No	N/A
<b>Kiley's Run</b>	Indicative on the RNE	The heritage listed curtilage of this item is partially within the amended project footprint The site consists of shearers quarters, woolshed, and homestead. These items are located at least 200 m west of the amended project footprint therefore there is no direct impact to these items. This item is within the transmission line and access track portion of the amended project footprint.	No	N/A



Item name	Significance	Impact to item	Would the amended project impact the significance of an item?	Can significance be protected through mitigation?
<b>Derringullen Creek Fossil Area</b>	Registered on the RNE	The RNE listed curtilage is partially within the amended project footprint. The LEP listed curtilage of this item is partially within the amended project footprint, however the proposed impact on the LEP listed curtilage is through existing access tracks that are proposed to be used for the amended project. The RNE curtilage is within the transmission line and access track portion of the amended project footprint.	No	N/A
<b>Coolalie limestone kilns and quarry</b>	Local	The amended project footprint is within the north-east corner of the LEP listed curtilage, however the impact is restricted to a pre-existing access track away from the historic item itself therefore there is no direct impact to these items. This item is within the access tracks portion of the amended project footprint.	No	N/A

\*Shaded items are additional items identified as part of the amended project.



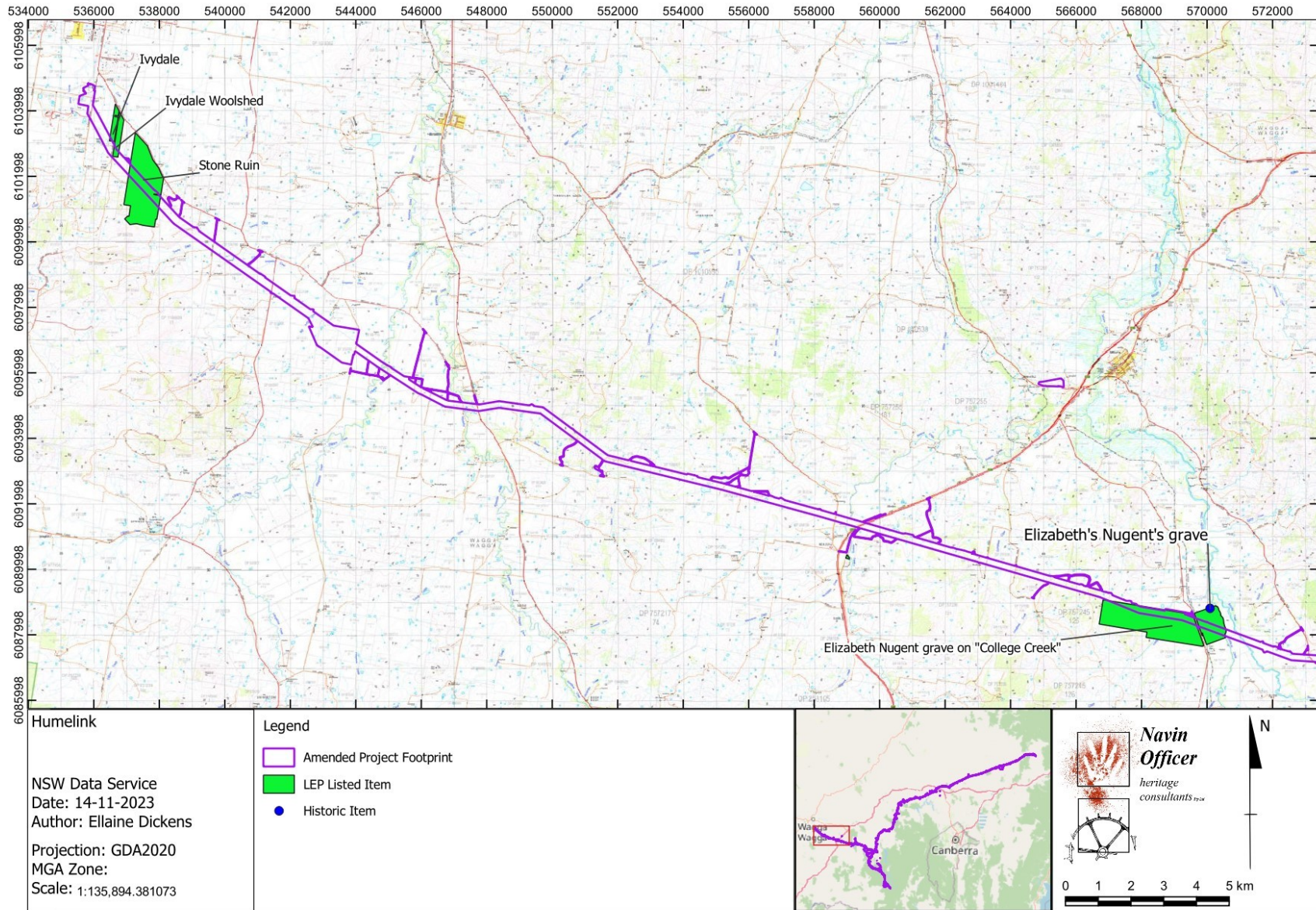


Figure 8-1 Potential development impacts (Sheet 1) of the amended project footprint

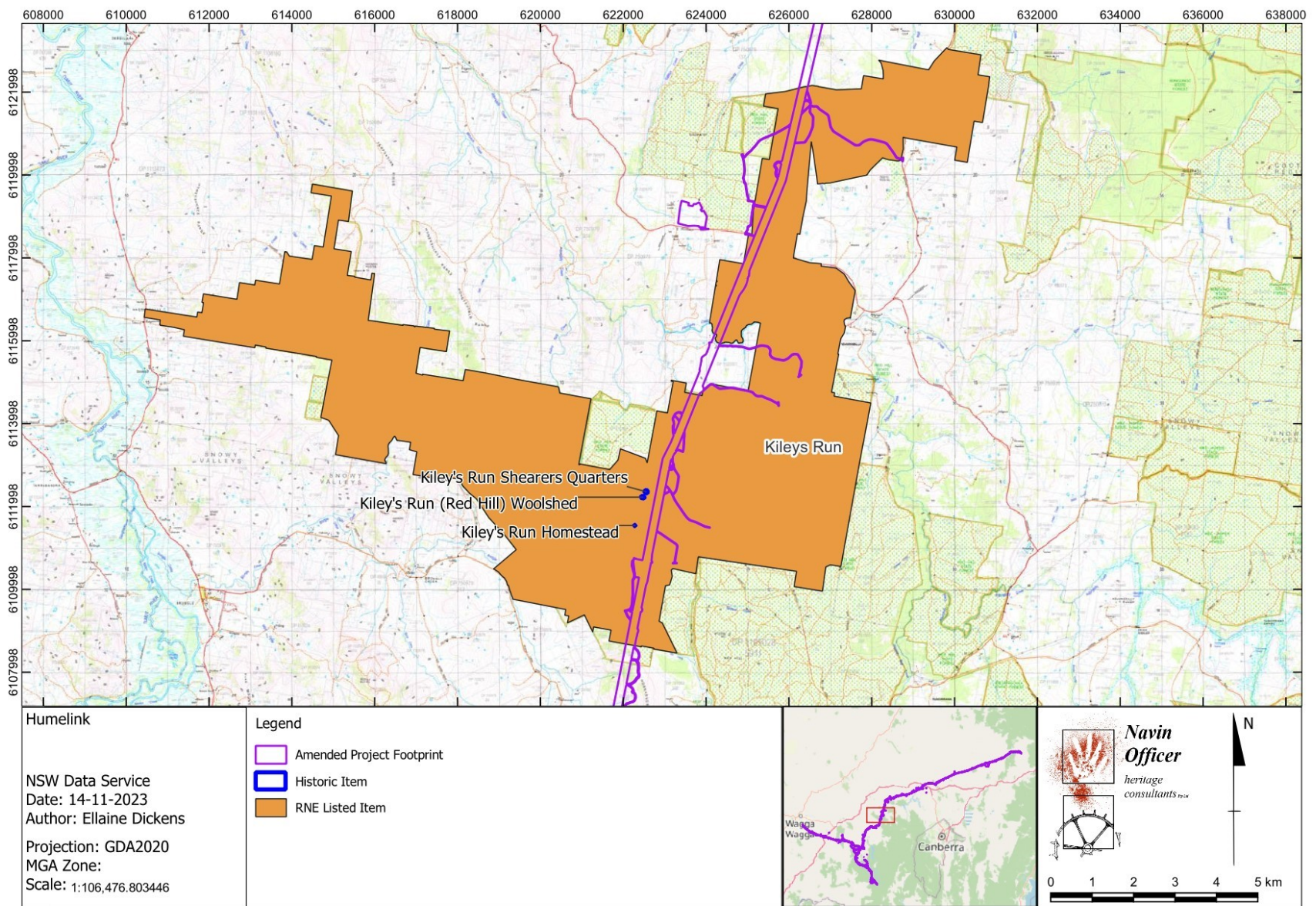


Figure 8-2 Potential development impacts (Sheet 2) of the amended project footprint

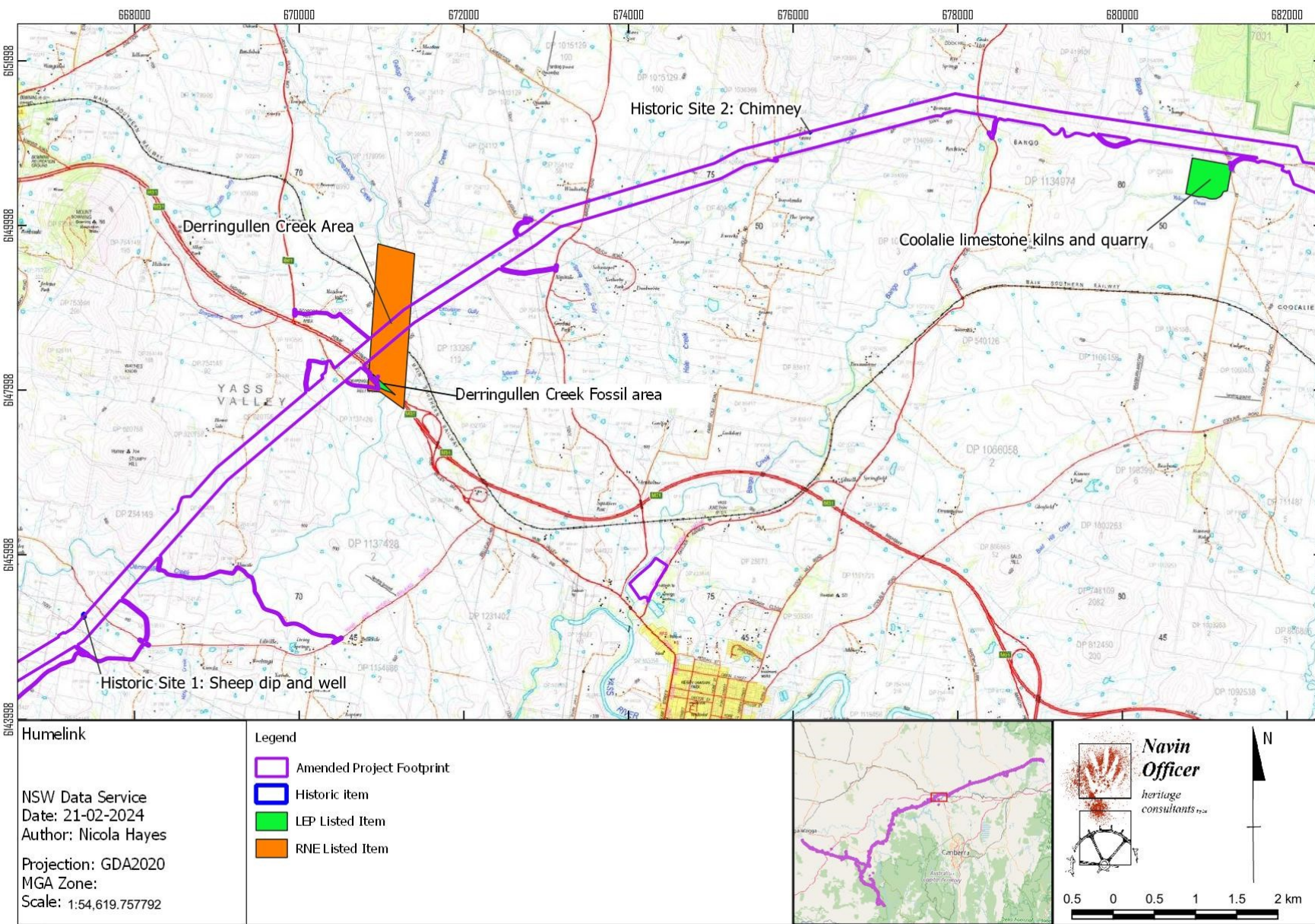
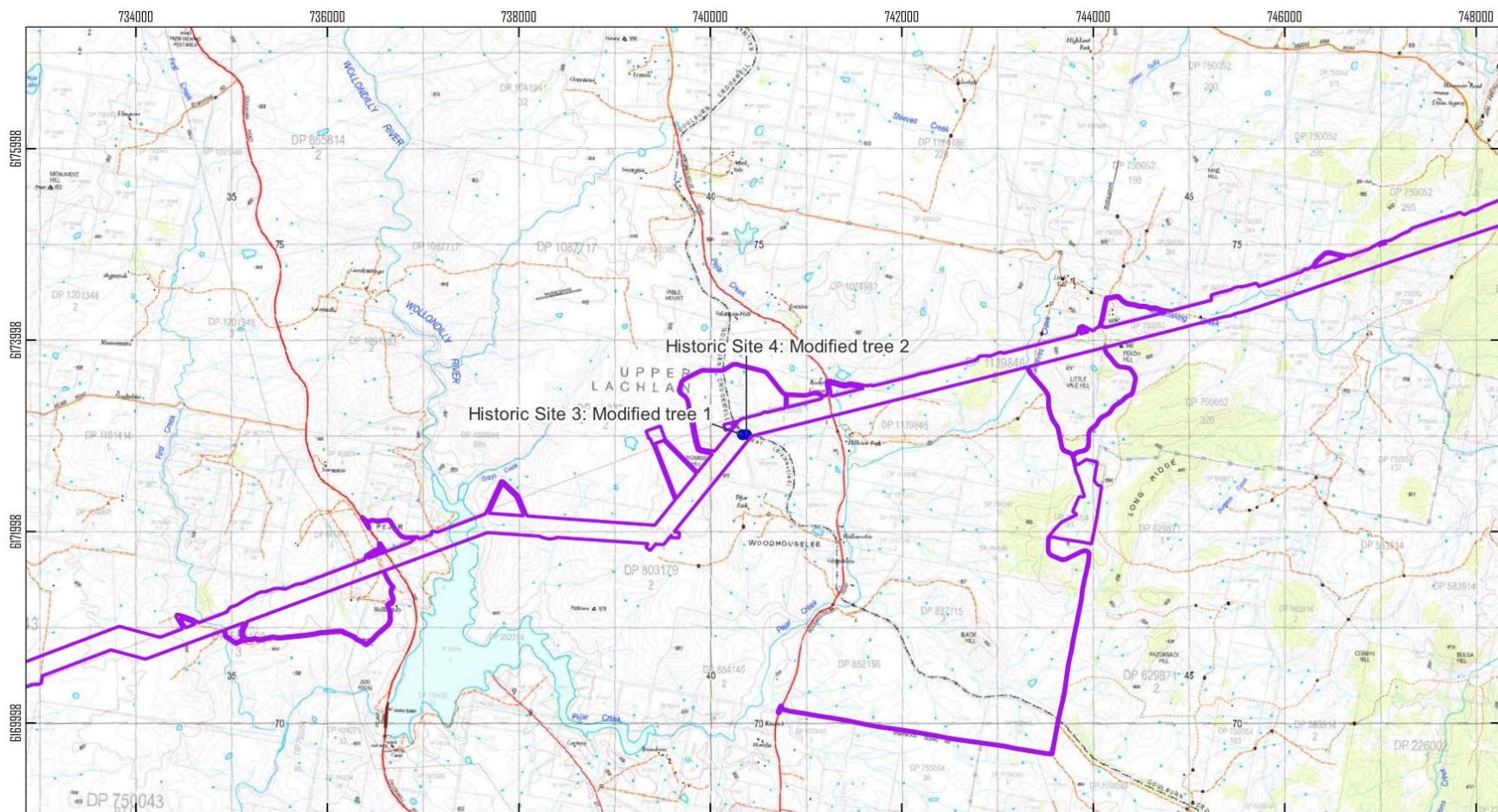


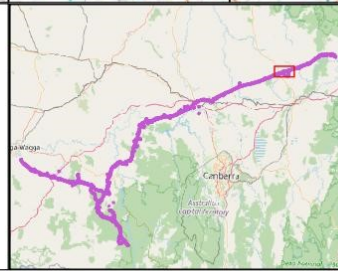
Figure 8-3 Potential development impacts (Sheet 3) of the amended project footprint



Humelink  
 NSW Data Service  
 Date: 21-02-2024  
 Author: Nicola Hayes  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:53,080.425455

**Legend**

- Amended project footprint
- Historic item



**Navin Officer**  
 heritage consultants 1724

**Figure 8-4 Potential development impacts (Sheet 4) of the amended project footprint**



### 8.1.2 Impact to historic items in the amended heritage study area and outside the amended project footprint

There are nineteen additional items in the amended heritage study area and outside the amended project footprint to those presented in the EIS report (shaded in grey). Table 8-2 provides a summary of the impacts to historic items in the amended heritage study area and outside of the amended project footprint, with items in blue indicating additional items to those previously presented in the EIS.

**Table 8-2 Summary of impacts to historic items in the amended heritage study area and outside of the amended project footprint\***

Item name	Significance	Distance from amended project footprint	Impact to item	Would the amended project impact the significance of an item?
Snowy Mountains Scheme	National	80 m	The amended project footprint is located in close proximity to this item. There may be an indirect visual impact from the amended project on this item due to vegetation clearance and the proximity of transmission line structures. None of the heritage values associated with this item would be impacted. The closest amended project component are the transmission line structures.	No
Australian Alps National Parks and Reserves	National	15 m	The amended project footprint is located in close proximity to this item. There may be an indirect visual impact from the amended project on this item due to vegetation clearance and the proximity of transmission line structures. The closest amended project component are pre-existing access tracks.	Negligible
<i>Hillas Farm Homestead and Outbuildings</i>	State	100 m	There would be no direct impact to this item from the amended project. <i>Technical Report 8 – Landscape Character and Visual Impacts Assessment Addendum</i> report indicates that there would be a moderate to low level of visual impact to this item from the amended project. The closest amended project component is an access track.	Negligible



Item name	Significance	Distance from amended project footprint	Impact to item	Would the amended project impact the significance of an item?
Bannaby Shearing Shed c.1886	Local	660 m	There would be no impact to this item from the amended project. The closest amended project component is the an access track.	No
Hambledon Homestead	State	360 m	There would be no impact to this item from the amended project. The closest amended project component is the Tarcutta Accommodation Facility and Compound (AC03).	No
Hambledon Outbuildings	Local	360 m	There would be no impact to this item from the amended project. The closest amended project component is the Tarcutta Accommodation Facility and Compound (AC03).	No
Tarcutta Inn(former)	Local	930 m	There would be no impact to this item from the amended project. The closest amended project component is the Tarcutta Accommodation Facility and Compound (AC03).	No
Chinese Clearing site	Local	274 m	There would be no impact to this item from the amended project. The closest amended project component is the Tarcutta Accommodation Facility and Compound (AC03).	No
Tarcutta House	Local	790 m	There would be no impact to this item from the amended project. The closest amended project component is the Tarcutta Accommodation Facility and Compound (AC03).	No
Galvin Graves	Local	130 m	There would be no impact to this item from the amended project. The closest amended project component is an intersection upgrade.	No



Item name	Significance	Distance from amended project footprint	Impact to item	Would the amended project impact the significance of an item?
Janey Harvey's Cottage and Outbuilding	Local	130 m	There would be no impact to this item from the amended project. The closest amended project component is an intersection upgrade.	No
Dellhaven Homestead	Local	390 m	There would be no impact to this item from the amended project. The closest amended project component is an intersection upgrade.	No
Tennis Court	Local	75 m	There would be no impact to this item from the amended project. The closest amended project component is a pre-existing access track.	No
Yass Junction Railway Station	Local	880 m	There would be no impact to this item from the amended project. The closest amended project component is the Yass substation compound (C10).	No
Yass railway weir	Local	372 m	There would be no impact to this item from the amended project. The closest amended project component is the Yass substation compound (C10).	No
Albury villa	Local	983 m	There would be no impact to this item from the amended project. The closest amended project component is the Yass substation compound (C10).	No
Old Batlow Co-operative Canning Office	Local	140 m	There would be no impact to this item from the amended project. The closest amended project component is the Amended Memorial Avenue Compound (C14).	No
Batlow Hotel Building	Local	315 m	There would be no impact to this item from the amended project. The closest amended project component is the Amended Memorial Avenue Compound (C14).	No



Item name	Significance	Distance from amended project footprint	Impact to item	Would the amended project impact the significance of an item?
Batlow Newsagent (former Batlow Post Office)	Local	280 m	There would be no impact to this item from the amended project. The closest amended project component is the Amended Memorial Avenue Compound (C14).	No
Public School Batlow Technology School	Local	200 m	There would be no impact to this item from the amended project. The closest amended project component is the Amended Memorial Avenue Compound (C14).	No
Former State Bank Building	Local	260 m	There would be no impact to this item from the amended project. The closest amended project component is the Amended Memorial Avenue Compound (C14).	No
Uniting Church	Local	330 m	There would be no impact to this item from the amended project. The closest amended project component is the Amended Memorial Avenue Compound (C14).	No
The Old Nurses Quarters	Local	340 m	There would be no impact to this item from the amended project. The closest amended project component is the Amended Memorial Avenue Compound (C14).	No
Batlow Masonic Centre	Local	240 m	There would be no impact to this item from the amended project. The closest amended project component is the Amended Memorial Avenue Compound (C14).	No
Batlow Museum (former Church)	Local	360 m	There would be no impact to this item from the amended project. The closest amended project component is the Amended Memorial Avenue Compound (C14).	No





Item name	Significance	Distance from amended project footprint	Impact to item	Would the amended project impact the significance of an item?
Batlow Literary Institute	Local	130 m	There would be no impact to this item from the amended project. The closest amended project component is the Amended Memorial Avenue Compound (C14).	No
Roman Catholic Church/Convent	Local	200 m	There would be no impact to this item from the amended project. The closest amended project component is the Amended Memorial Avenue Compound (C14).	No
Anglican Church	Local	200 m	There would be no impact to this item from the amended project. The closest amended project component is the Amended Memorial Avenue Compound (C14).	No
Aberlour and stables	Local	850 m	There would be no impact to this item from the amended project. The closest amended project component is the Yass substation Compound (C10).	No
Bunnaby Homestead	Local	600 m	There would be no impact to this item from the amended project. The closest amended project component is a pre-existing access track.	No
Sugar Pine Walk	Local	15 m	There would be no impact to this item from the amended project as this item was irreparably damaged in the 2020 bushfires. The closest amended project component are pre-existing access tracks.	No
Pilot Hill Arboretum	Local	890 m	There would be no impact to this item from the amended project. The closest amended project component are the transmission line structures.	No



Item name	Significance	Distance from amended project footprint	Impact to item	Would the amended project impact the significance of an item?
Gilmore School	Local	65 m	There would be no impact to this item from the amended project. The closest amended project component is a pre-existing access track.	No
Gilmore Hall	Local	880 m	There would be no impact to this item from the amended project. The closest amended project component is a pre-existing access track.	No
Gilmore Church	Local	930 m	There would be no impact to this item from the amended project. The closest amended project component is a pre-existing access track.	No
Gadara Homestead (Downing Homestead)	Local	270 m	There would be no impact to this item from the amended project. The closest amended project component is a pre-existing access track.	No
GoCup School and Residence	Local	730 m	There would be no impact to this item from the amended project. The closest amended project component is a pre-existing access track.	No
Tarlo River National Park	Local	10 m	<p>The amended project footprint is located in close proximity to this item; there may be an indirect visual impact from the amended project on this item. The closest amended project component is the transmission line structures.</p> <p>However, the environmental and biodiversity values of the protected area are encapsulated within the park boundaries and there would be no physical impact on those values.</p>	<p>Negligible.</p> <p>The visual impact on this item was assessed in a separate report: <i>Technical Report 8 – Landscape Character and Visual Impact Assessment Addendum</i> which concluded that there would be a low visual impact on this item.</p>
Tarlo River National Park (1991 boundary)				

\*Shaded grey items are additional items identified as part of the amended project.



## 8.2 Cumulative impacts

Since the public exhibition of the EIS, an updated cumulative impact search has been undertaken. This updated search has identified the following two proposed projects that had not been considered in Chapter 25 of the EIS:

- Belhaven Battery Energy Storage System
- Yass Solar Farm.

Table 8-3 presents the cumulative impacts of the amended project for these two newly identified proposed project.

The location of projects for which cumulative impacts were considered relative to the amended project is presented in Figure 8-5.

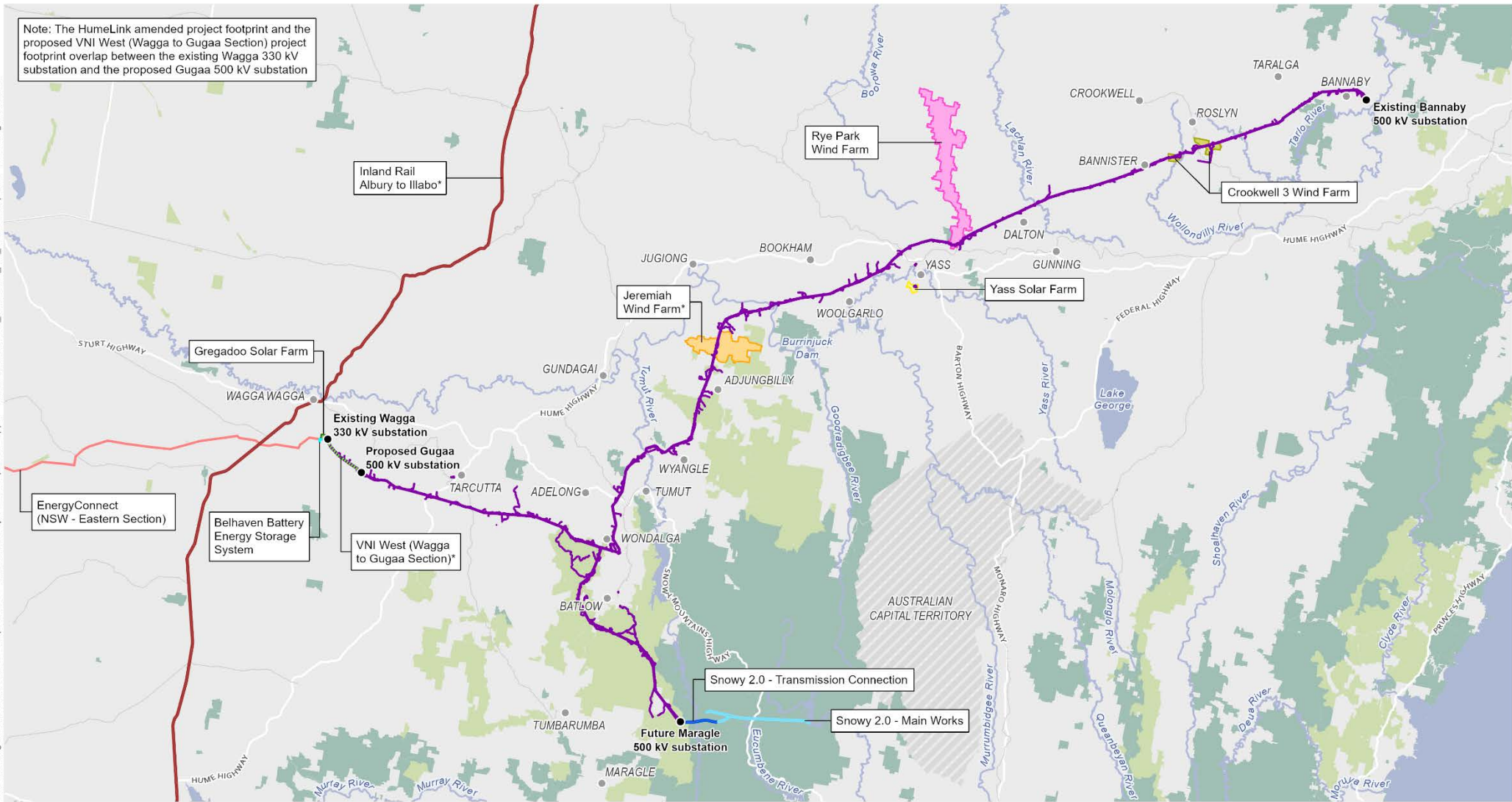


**Table 8-3 Summary of cumulative impacts identified**

Project	Details	Status	Distance and Interface	Cumulative Impacts
Belhaven Battery Energy Storage System	Construction and operation of a 400 MW / 800 MWh Battery Energy Storage System including transmission connection and associated infrastructure.	EIS being prepared  SEARs issued on 18/05/2023	The main site is located about 1.5 km west of the existing Wagga 330 kV substation, but a connection from BESS to the substation (most likely underground) is proposed. Based on publicly available information there are likely to be overlapping construction programs.	There are no known historic items within the Belhaven Battery Energy Storage System project footprint. There is no overlap in the historic sites for the two projects and HumeLink would have negligible impact on historic sites and listed items. The increase in cumulative heritage impact would therefore be negligible.
Yass Solar Farm	The construction, operation and decommissioning of a 100 MW solar photovoltaic energy generating facility with an associated battery energy storage system	EIS being prepared  SEARs issued on 22/12/2023	The site surrounds the Yass substation, and based on publicly available information, there are likely to be overlapping construction programs.  However, given the proximity and likely impacts, cumulative impacts are likely limited to the establishment and use of HumeLink's combines worker accommodation facility and construction compound proposed at Yass during construction only.	There are no known historic items within the Yass Solar Farm project footprint. There is no overlap in the historic sites for the two projects and HumeLink would have negligible impact on historic sites and listed items. The increase in cumulative heritage impact would therefore be negligible.

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Note: The HumeLink amended project footprint and the proposed VNI West (Wagga to Gugaa Section) project footprint overlap between the existing Wagga 330 kV substation and the proposed Gugaa 500 kV substation

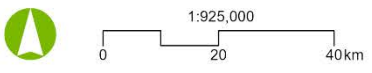


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|---------------------------|------------|--|-------------------------------|-------------------------------------|
| Amended project footprint | Waterway   | <b>Relevant future projects</b>        | Gregadoo Solar Farm           | Snowy 2.0 - Main Works              |
| National park and reserve | Major road | Belhaven Battery Energy Storage System | Inland Rail Albury to Illabo* | Snowy 2.0 - Transmission Connection |
| State forest              | Railway    | Crookwell 3 Wind Farm                  | Jeremiah Wind Farm*           | VNI West (Wagga to Gugaa Section)*  |
| Waterbody                 | Substation | EnergyConnect (NSW - Eastern Section)  | Rye Park Wind Farm            | Yass Solar Farm                     |

\*Note: Subject to approval



Source: Aurecon, Transgrid, Spatial Services (DCS), ESRI Basemap



Projection: GDA 1994 MGA Zone 55



## 9 MANAGEMENT OF IMPACTS

The mitigation measures identified in *Technical Report 3 – Historic Heritage Impact Assessment* remain relevant. Changes to these measures have been highlighted in bold and strikethrough, refer to Table 9-1.

Table 9-1 Revised mitigation measures

Reference	Mitigation measure	Timing	Relevant location(s)
Impact to unsurveyed areas	<p><b>Additional assessment will occur in areas where ground disturbing activities are required in locations outside of the previously surveyed heritage survey area.</b> Additional heritage surveys will be carried out prior to ground disturbing activities <b>occurring in any such areas</b> (<del>in</del> <b>including</b> areas <del>which were previously inaccessible and/</del> or where only visual inspection has been undertaken).</p> <p><del>Whether or not</del> <b>If no historic items are found or if historic items are found and they would not be impacted, then</b> a letter report will be prepared by a heritage specialist <del>for all additional surveyed areas</del> that documents the findings <b>and gives clearance to proceed.</b></p> <p>Where historic items are located and would be impacted, a <del>draft survey addendum report(s) to this report</del> would be prepared for the survey areas. The report(s) would:</p> <ul style="list-style-type: none"> <li>• detail findings of the survey activities</li> <li>• detail where test excavation is required</li> <li>• outline any additional mitigation strategies beyond those required <b>in Appendix B (Updated mitigation measures) of the Amendment Report.</b></li> </ul> <p>Final reports will be provided <b>to</b> Heritage NSW for their information prior to the commencement of ground disturbing activities in these locations.</p>	Detailed Design	All locations (outside of the previously surveyed heritage survey area)



## 10 CONCLUSION

There are seven heritage listed items, five listed on LEPs, one listed on the RNE and one listed on both the LEP and RNE. These seven heritage listed items have curtilages that are located partially within the amended project footprint and include:

- Ivydale
- Ivydale Woolshed
- Stone Ruin
- Elizabeth Nugent grave on College Creek
- Kiley's Run
- Derringullen Creek Area
- Coolalie Limestone Kilns and Quarry.

This is a change from five items presented in the Historic Heritage Impact Assessment for the EIS. However, there has been no material change to the overall impact of the amended project. For each of the two additional items, Ivydale and Coolalie Limestone Kilns and Quarry only the curtilage of that item is within the amended project footprint. The historic item itself is not within the amended project footprint. The assessment has found that the amended project would not impact the significance of these items.

The project aims to avoid historic items as a first principle, with infrastructure being sited through detailed design to avoid historic items. The assessment remains consistent with findings in the EIS, therefore no new mitigation measures are proposed. The mitigation measures identified in the EIS are considered adequate to mitigate the potential heritage impacts of the amended project.



## 11 REFERENCES

Australia ICOMOS 2013 The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance, 2013. Burwood, Victoria.

Freeman, Peter 2000 Wagga Wagga City Council Rural Heritage Study. Report for Wagga Wagga City Council.

Giovanelli, P. and O'Keefe, B. 2021 Kiley's Run CMP. Curtin, ACT.

Heritage Office and Department of Urban Affairs and Planning 1996 Regional Histories of New South Wales. Heritage Office and Department of Urban Affairs and Planning.

Heritage Office & Department of Urban Affairs and Planning 2002 Statements of Heritage Impact.

Heritage Branch, Department of Planning 2009 Assessing Significance for Historical Archaeological Sites and 'Relics'.

NSW Heritage Office 1996 NSW Heritage Manual.

NSW Heritage Office 2001 Assessing Heritage Significance.

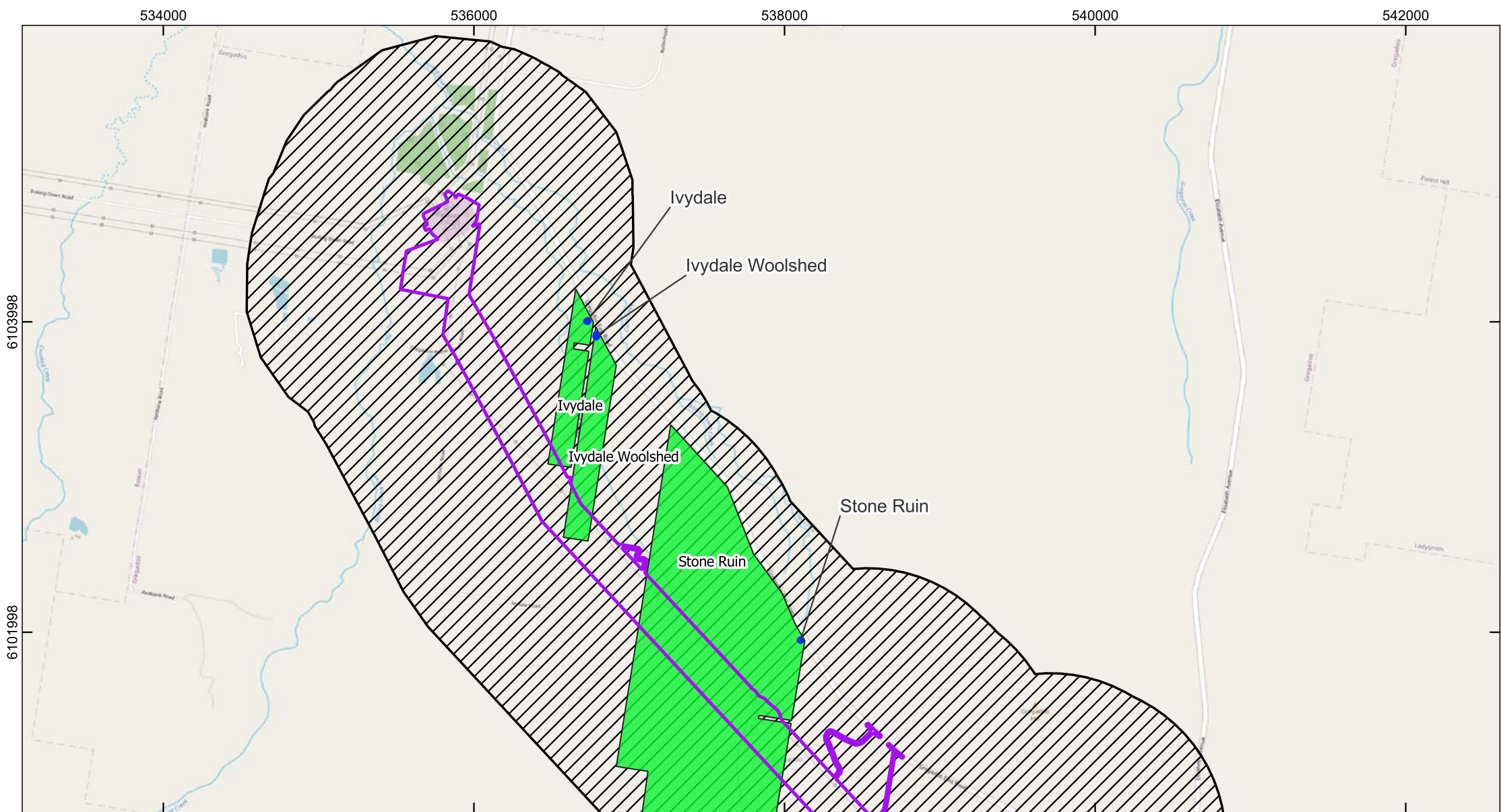
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## **ATTACHMENT 1**





### **LOCATION OF HERITAGE LISTED ITEMS**

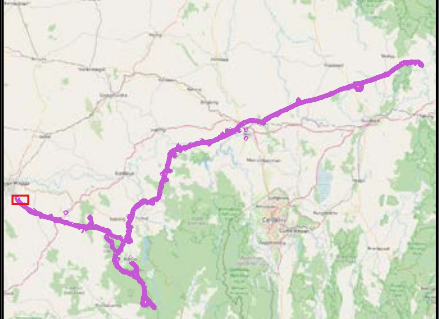



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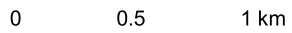
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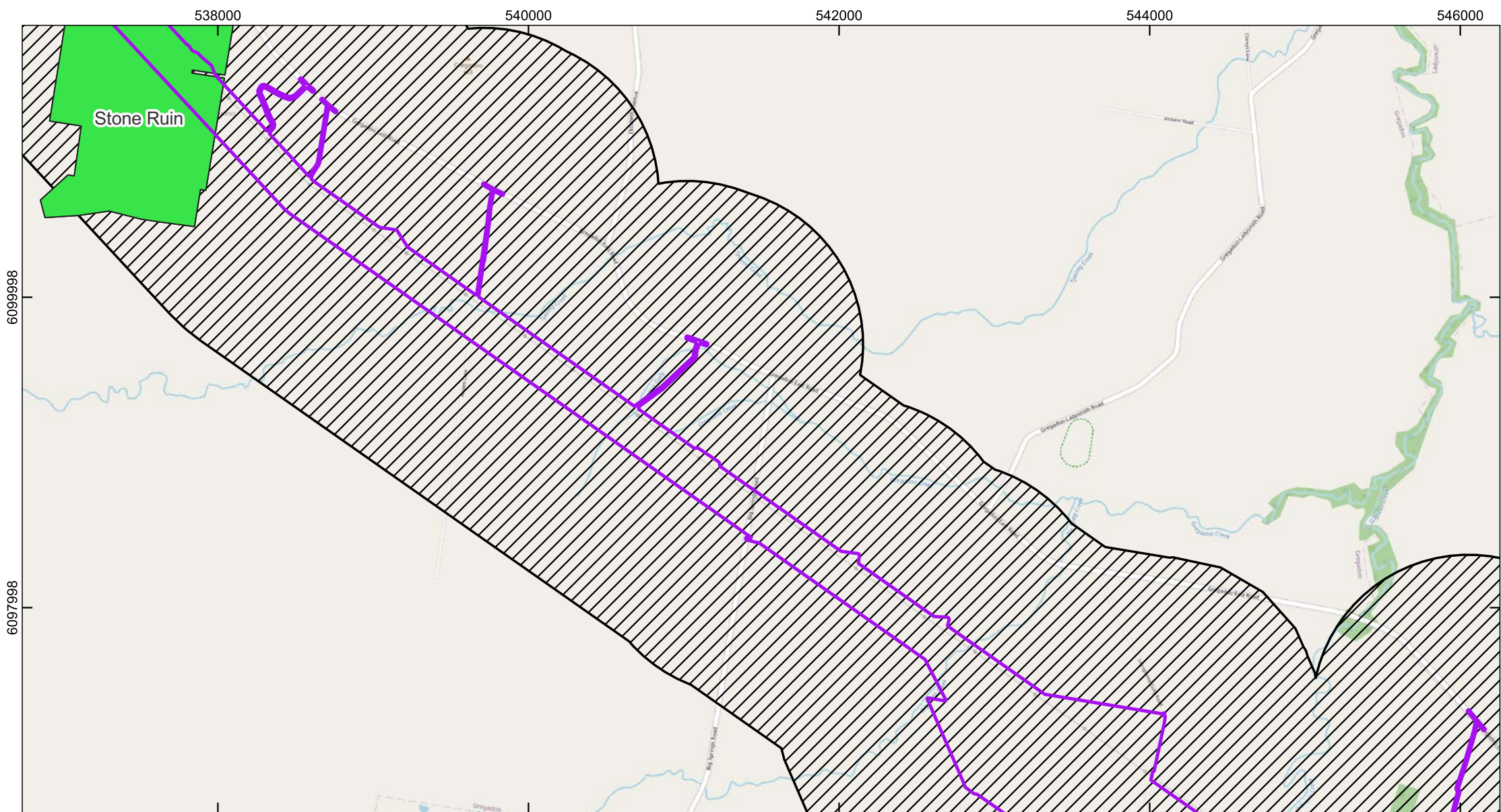
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-  Historic Item

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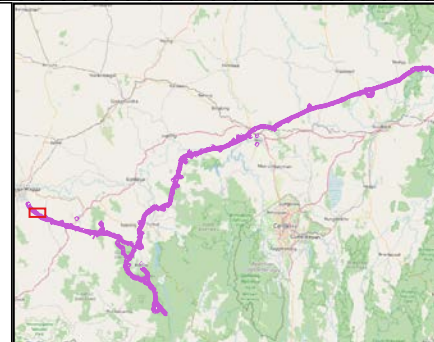



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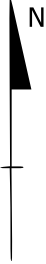
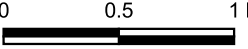
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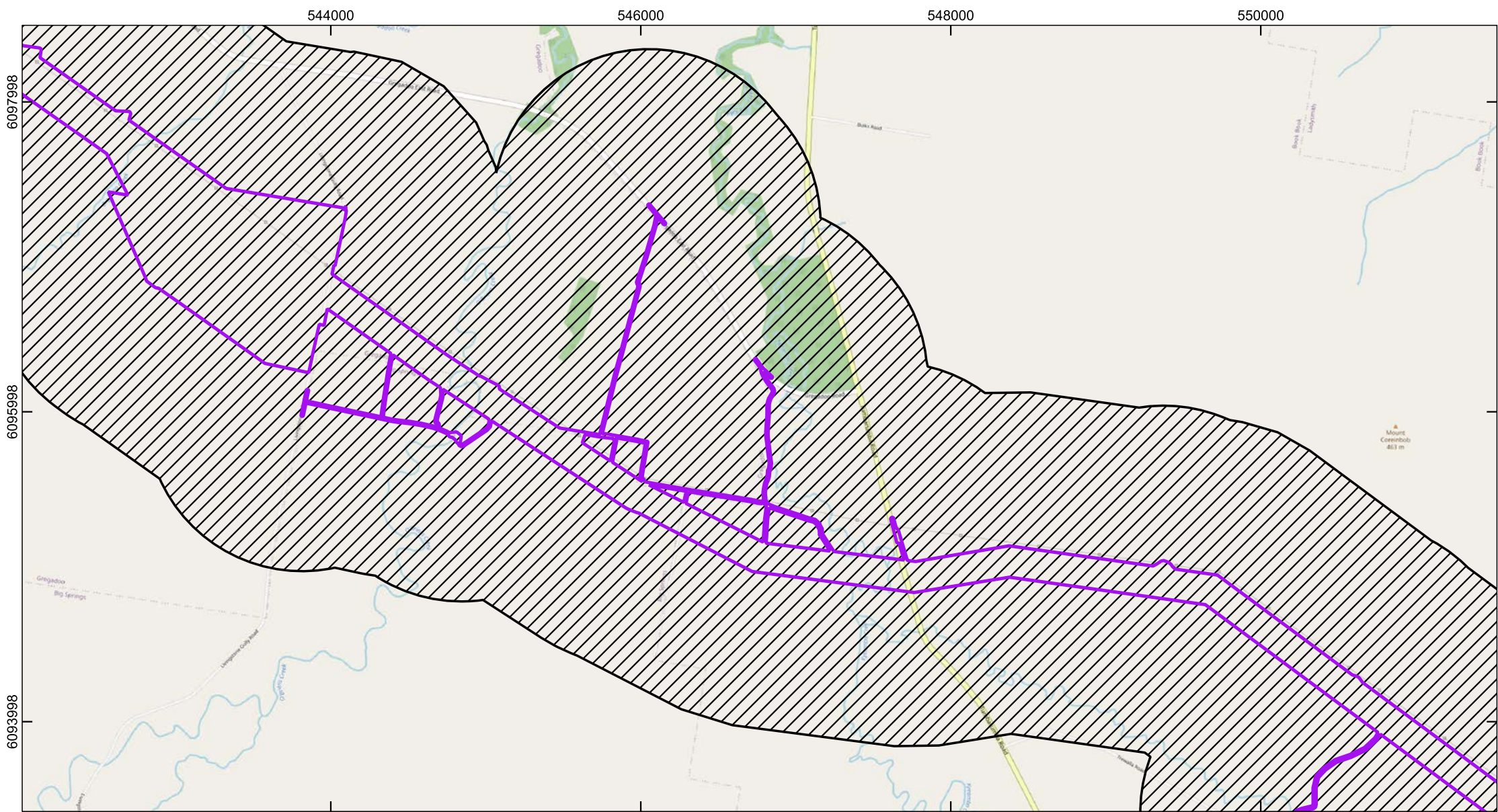
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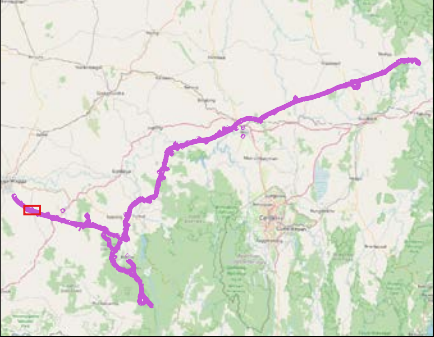


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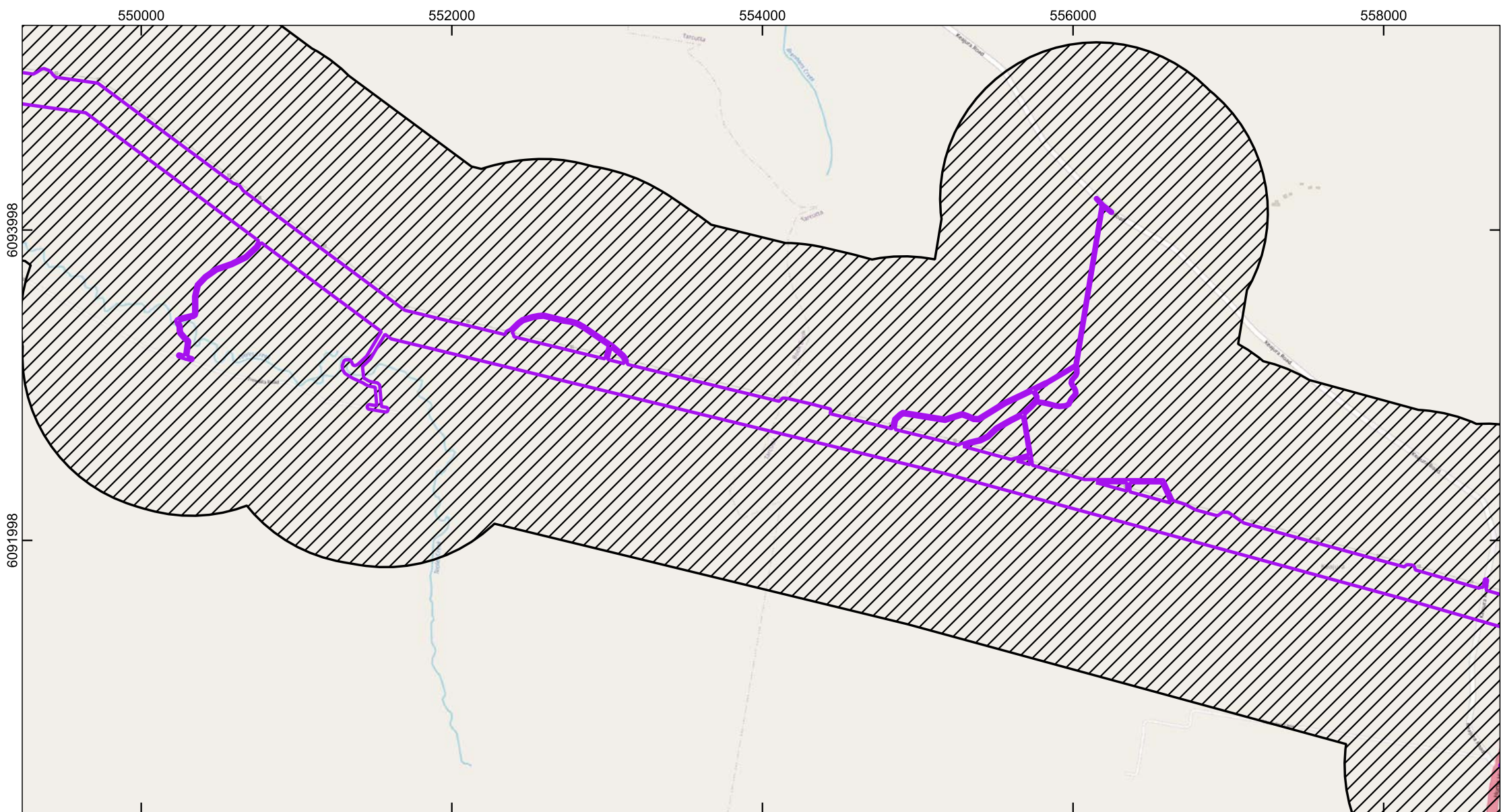




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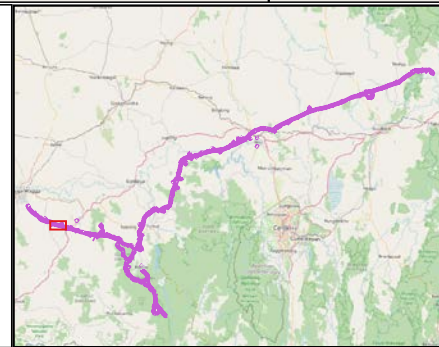




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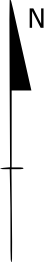
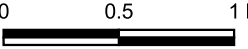
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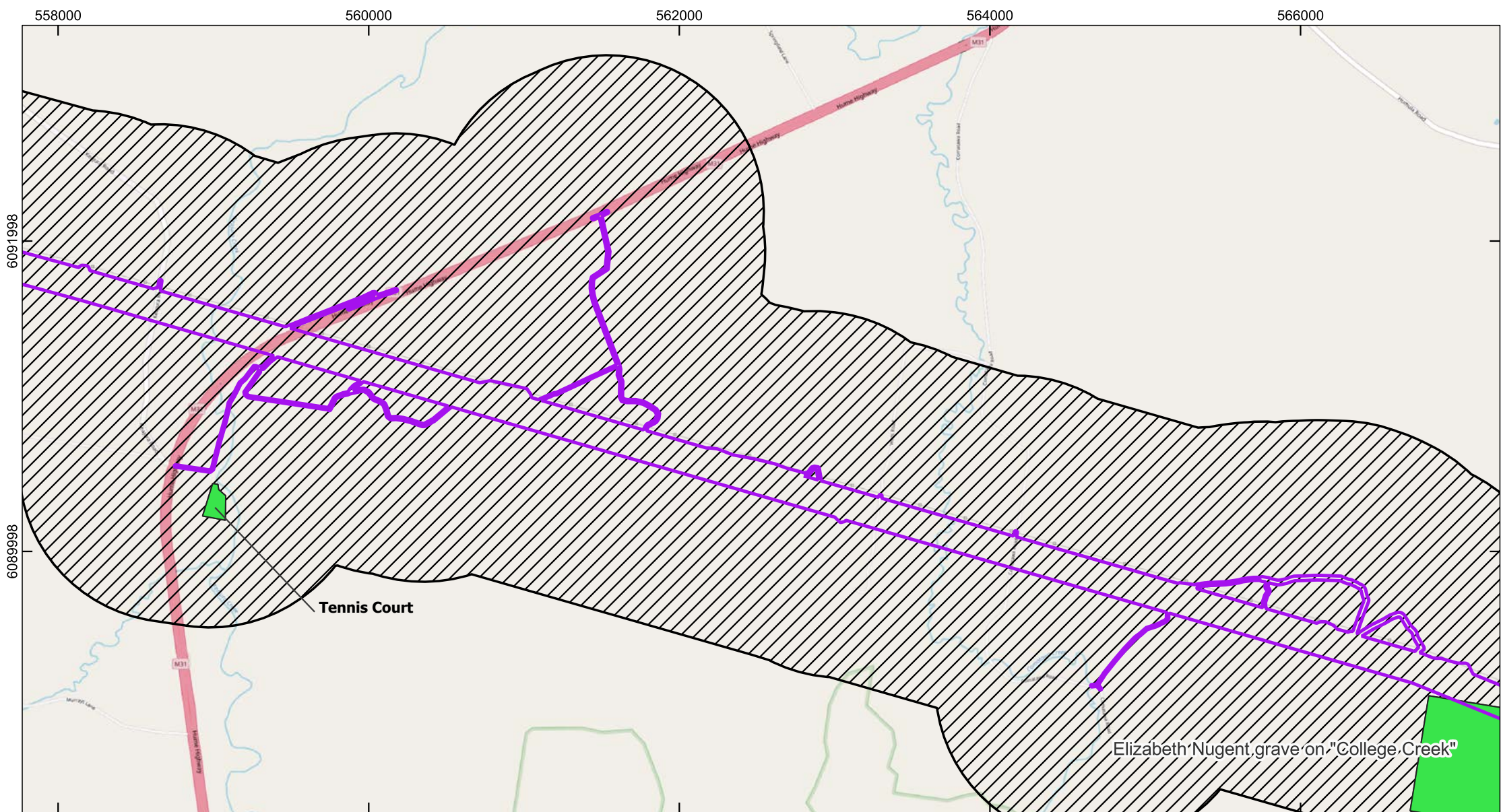
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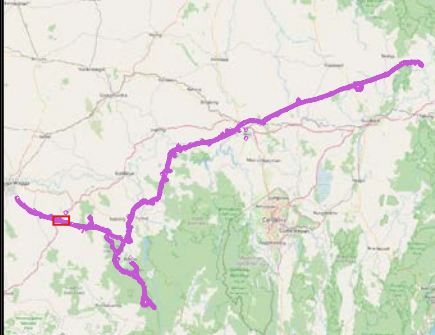
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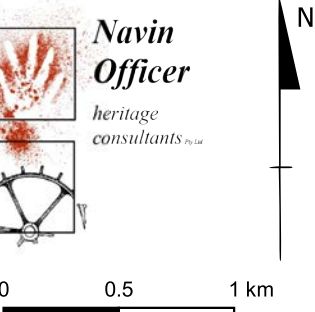
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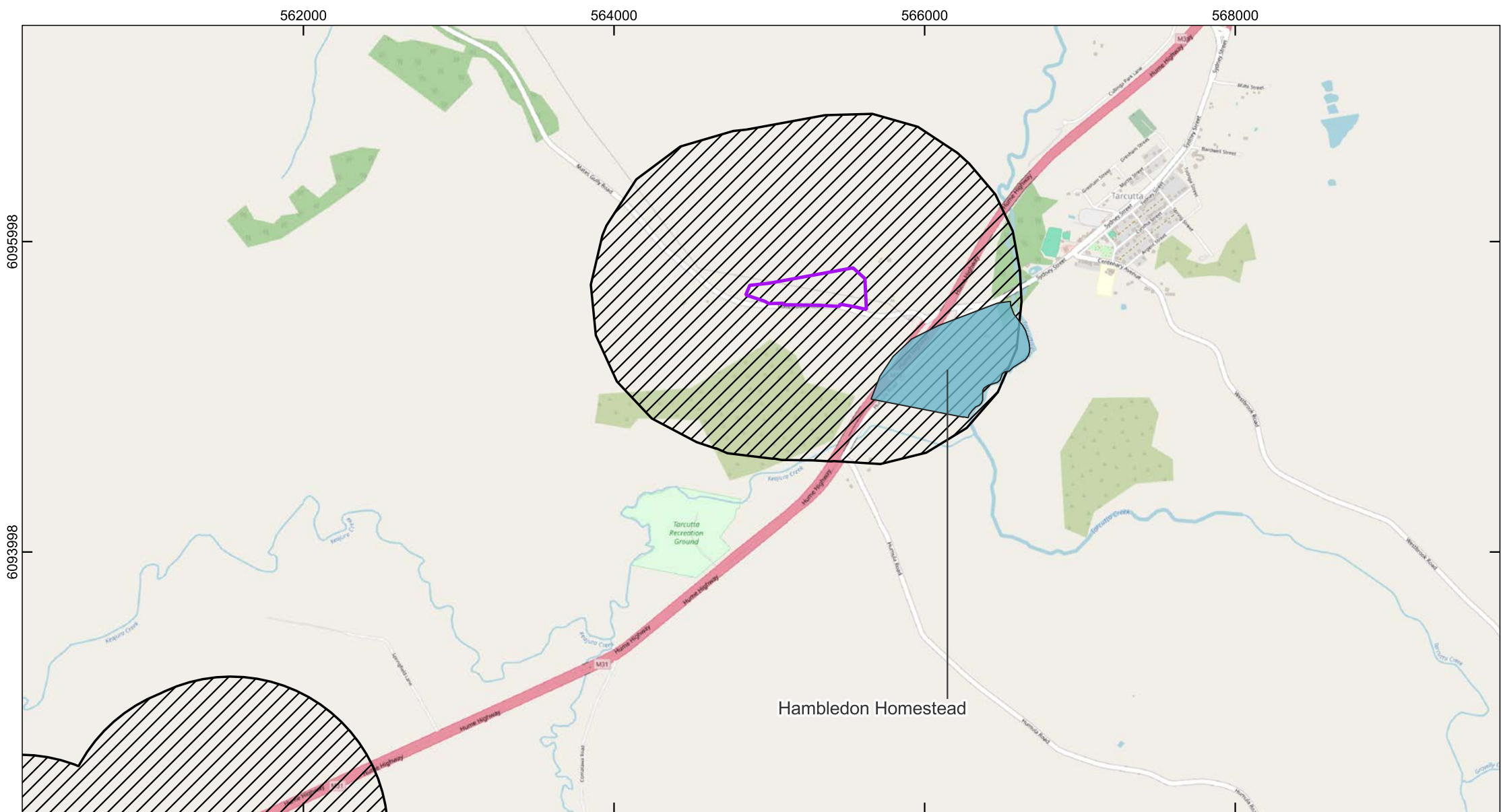


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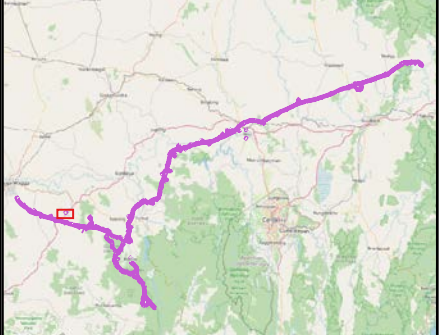
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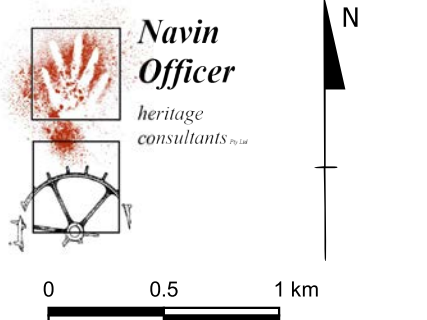
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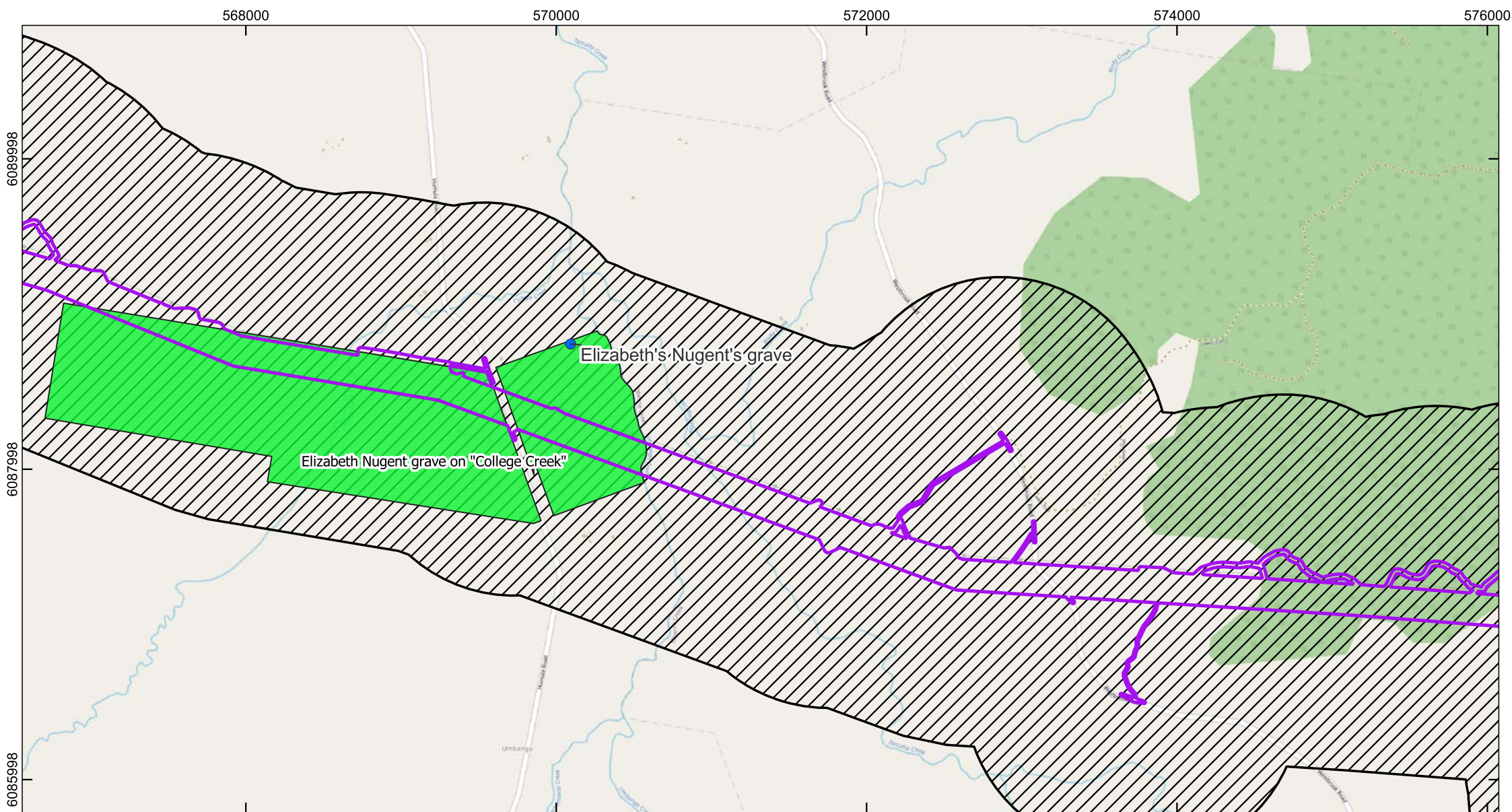
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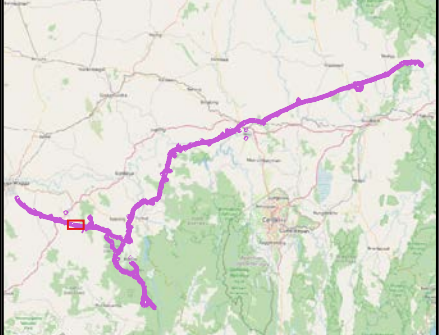

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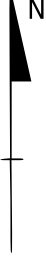
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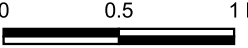
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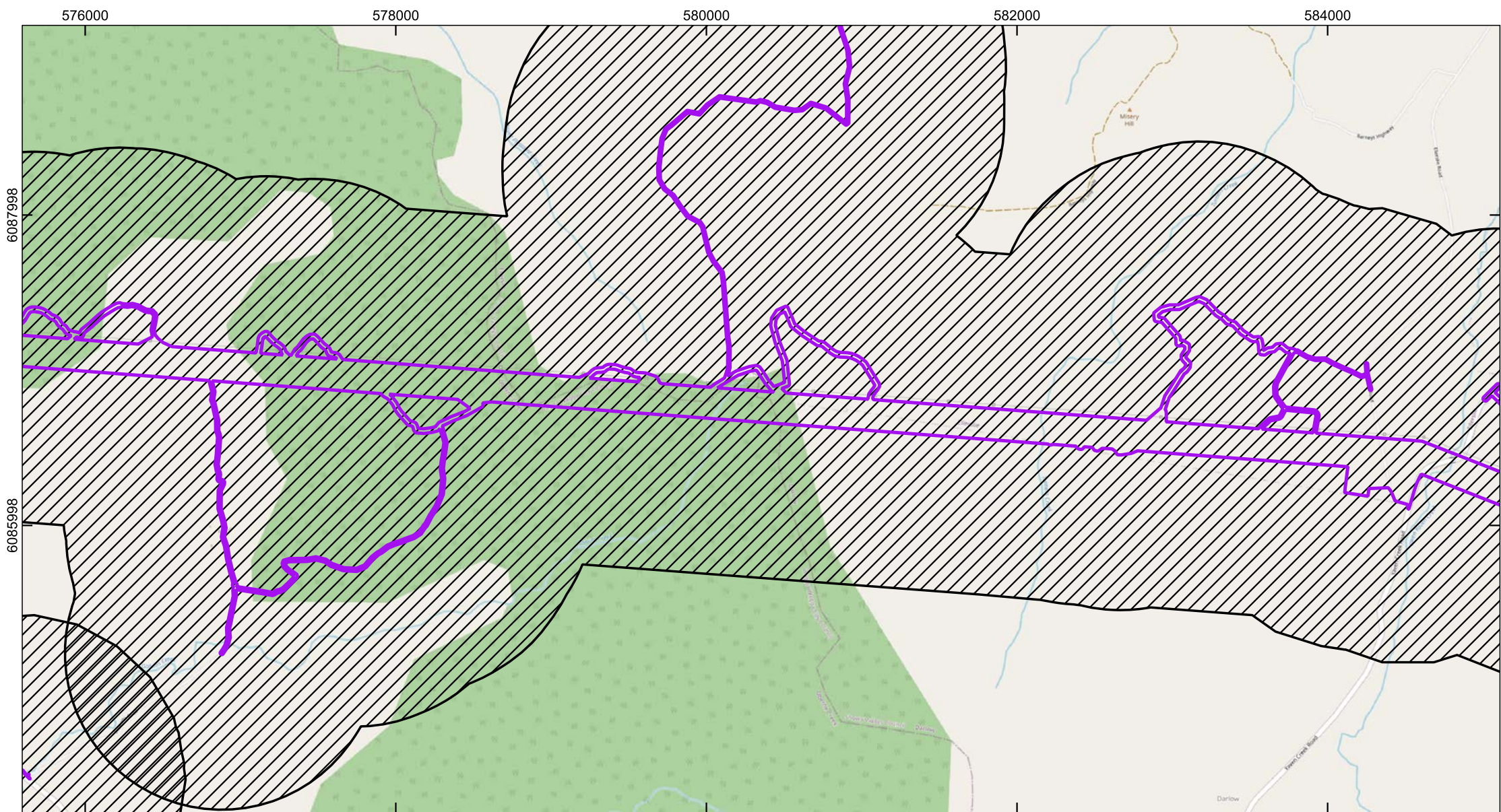
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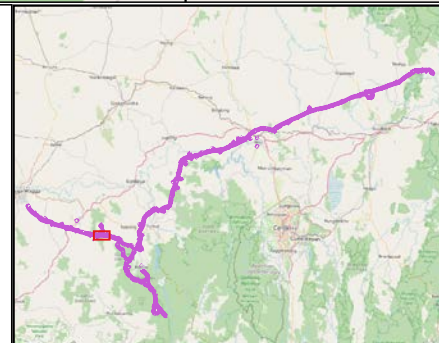



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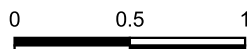
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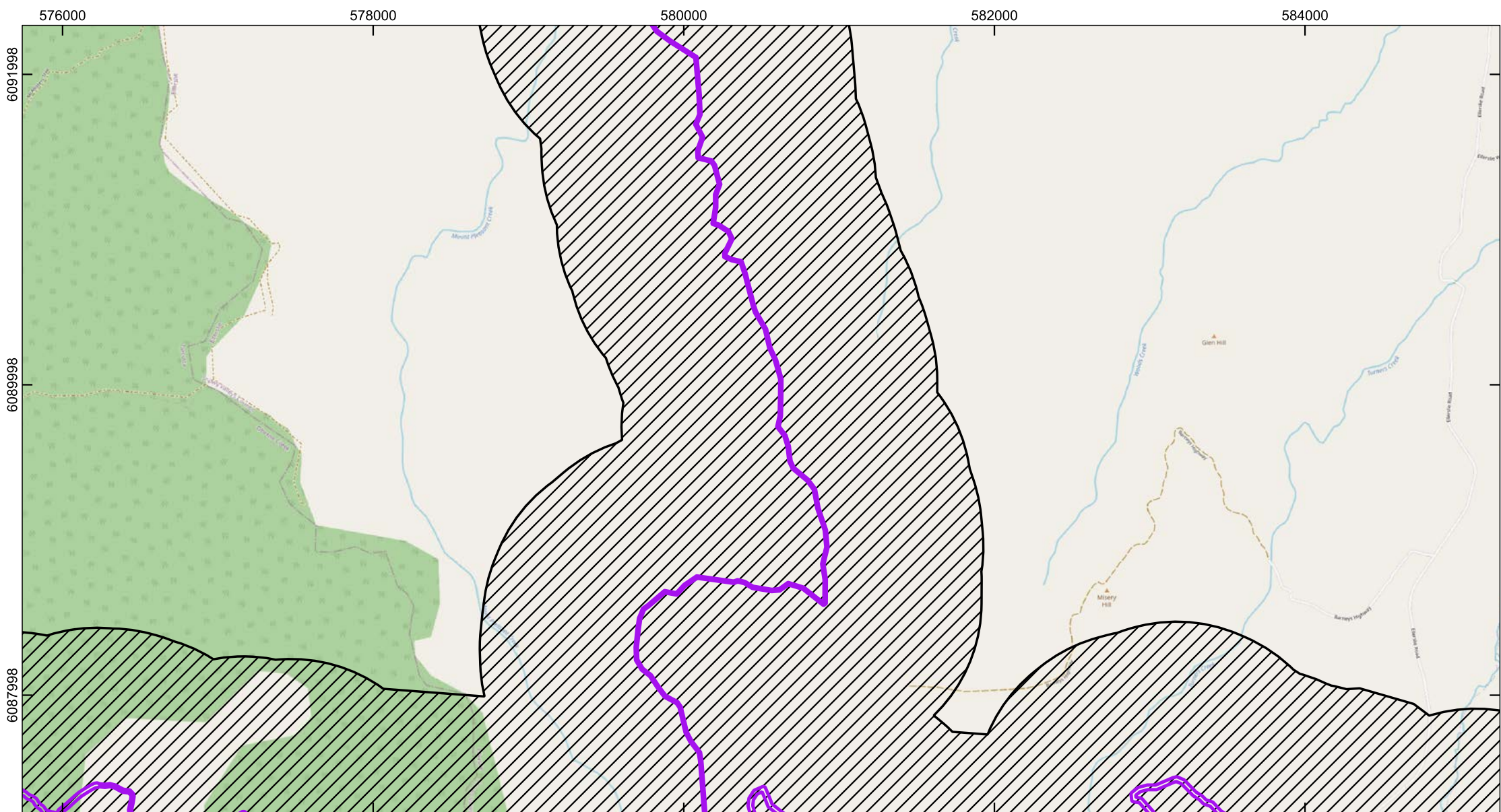
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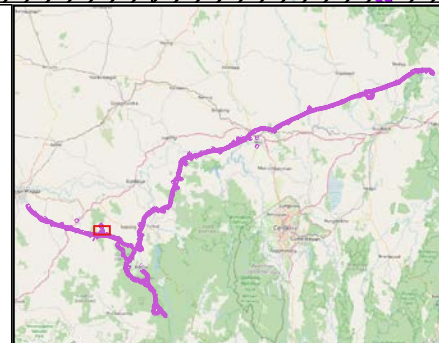
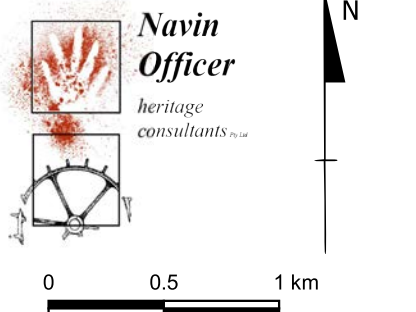


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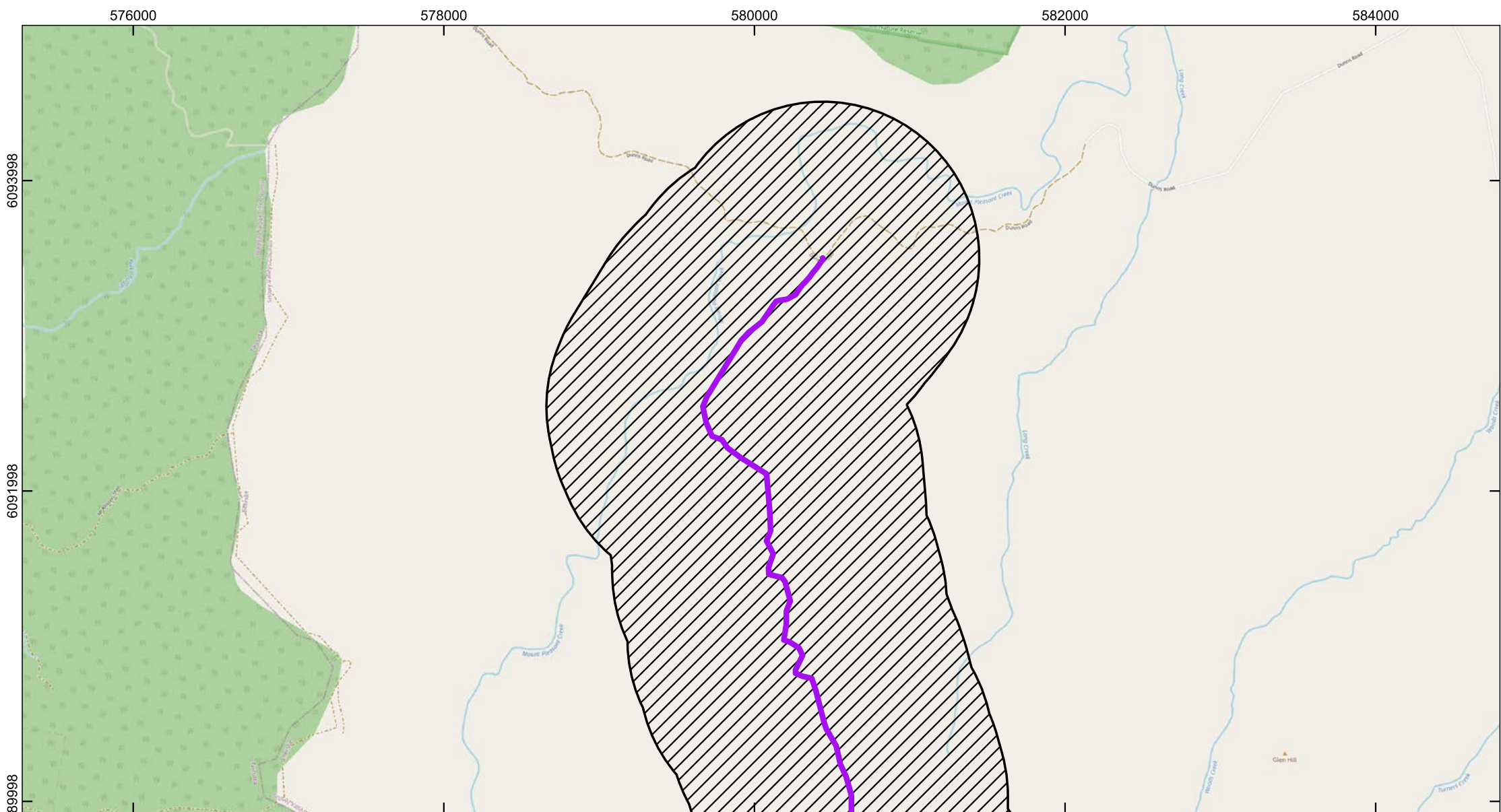
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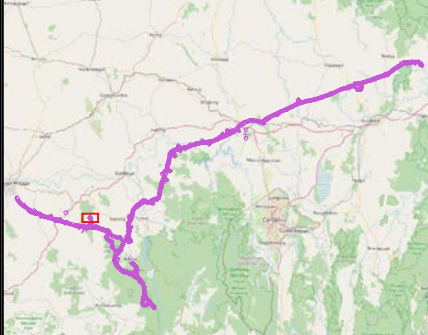


Humelink - Historic Sites

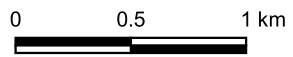
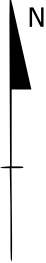
NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

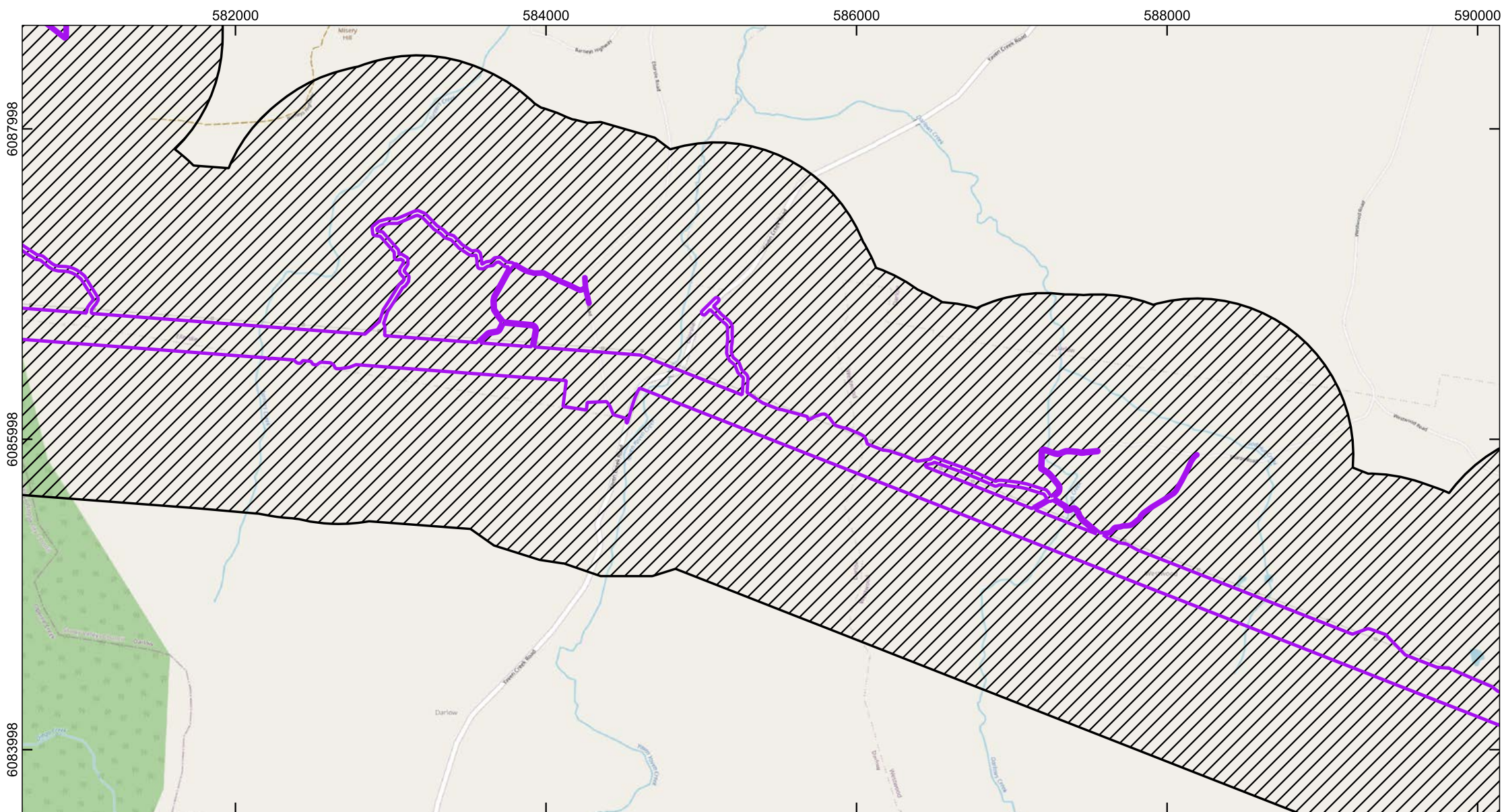
Legend

-  Amended Project Footprint
-  Amended Heritage Study Area




**Navin  
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*heritage  
consultants* PTY LTD





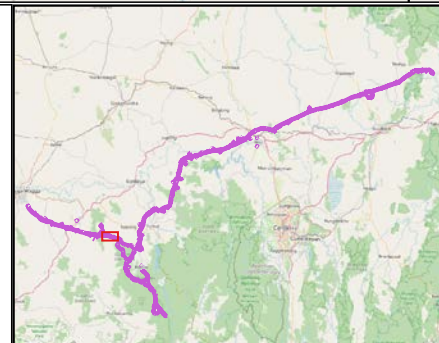


**Humelink - Historic Sites**

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

**Legend**

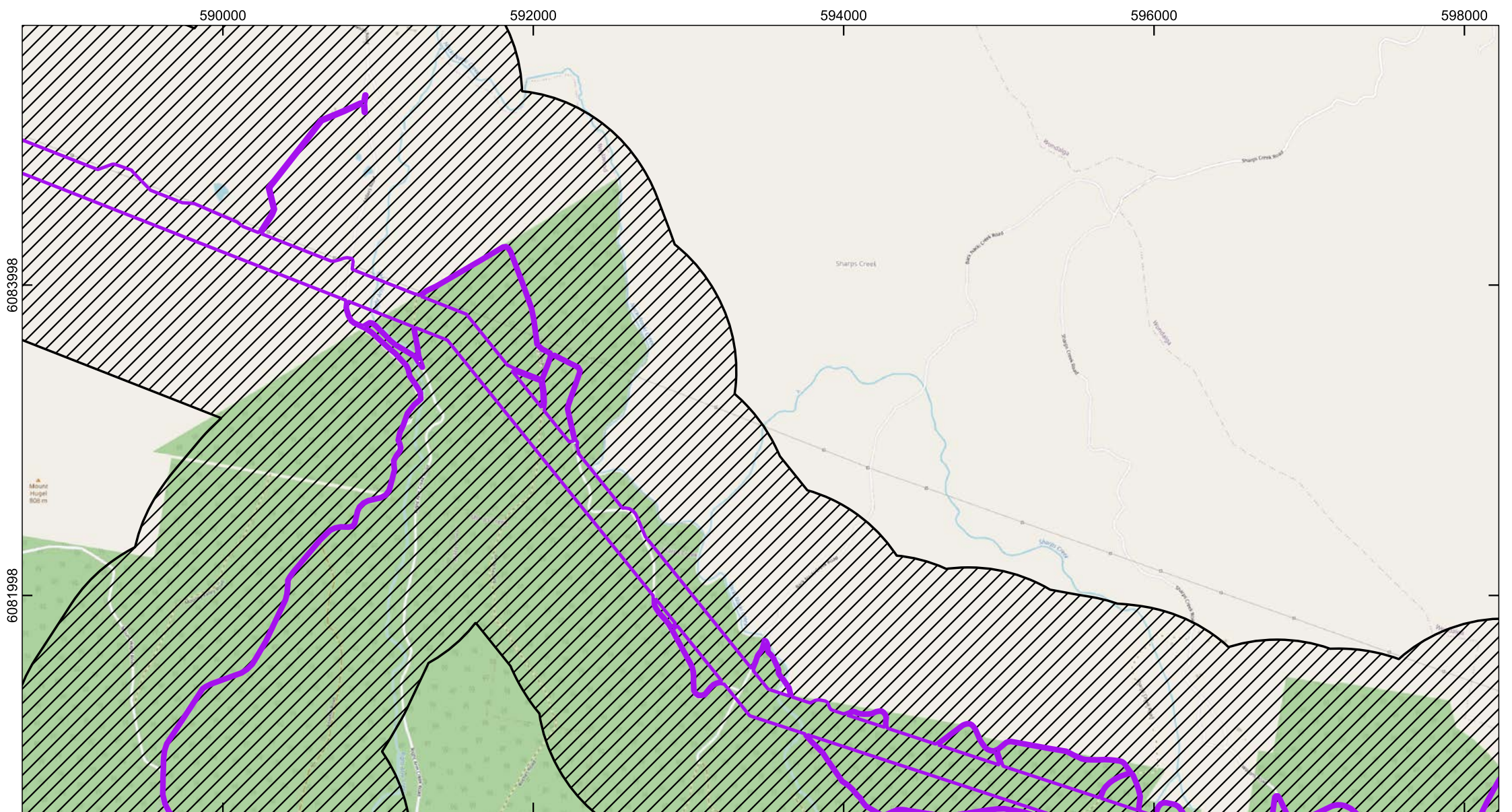
-  Amended Project Footprint
-  Amended Heritage Study Area



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 heritage consultants ptd

0 0.5 1 km

The block contains the company logo, a north arrow pointing upwards, and a scale bar indicating distances of 0, 0.5, and 1 km.





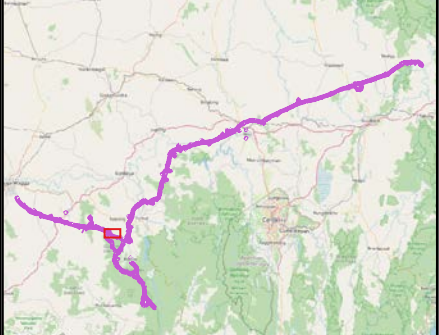
**Humelink - Historic Sites**


NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens

Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

**Legend**

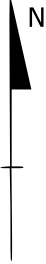
-  Amended Project Footprint
-  Amended Heritage Study Area

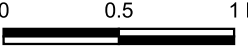




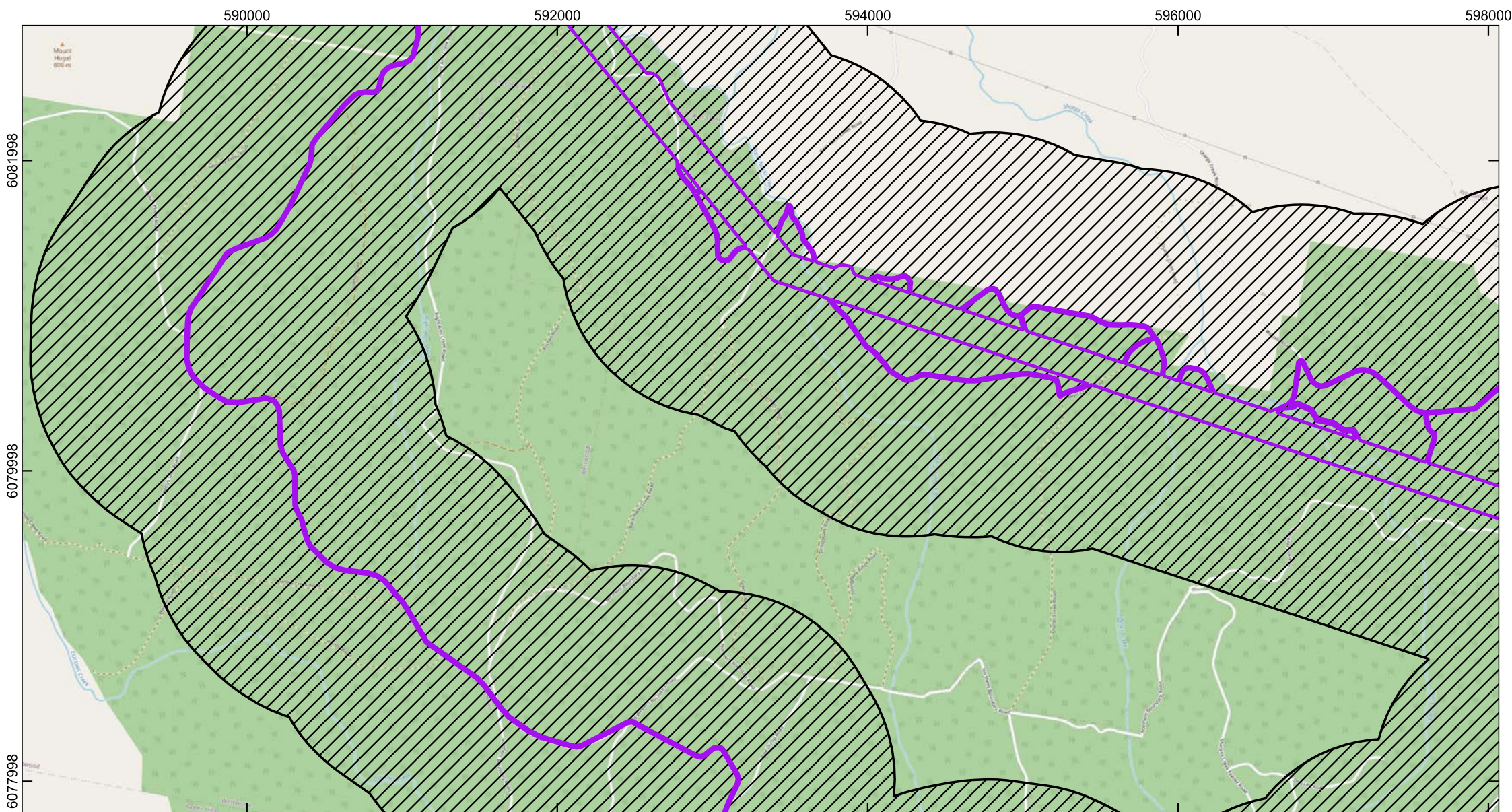
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Officer**

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consultants* pt. au





0      0.5      1 km





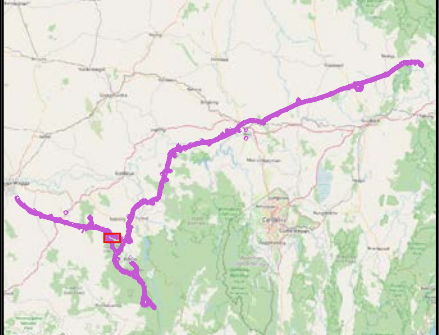
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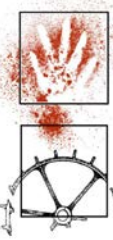
NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens

Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

**Legend**


-  Amended Project Footprint
-  Amended Heritage Study Area

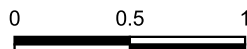


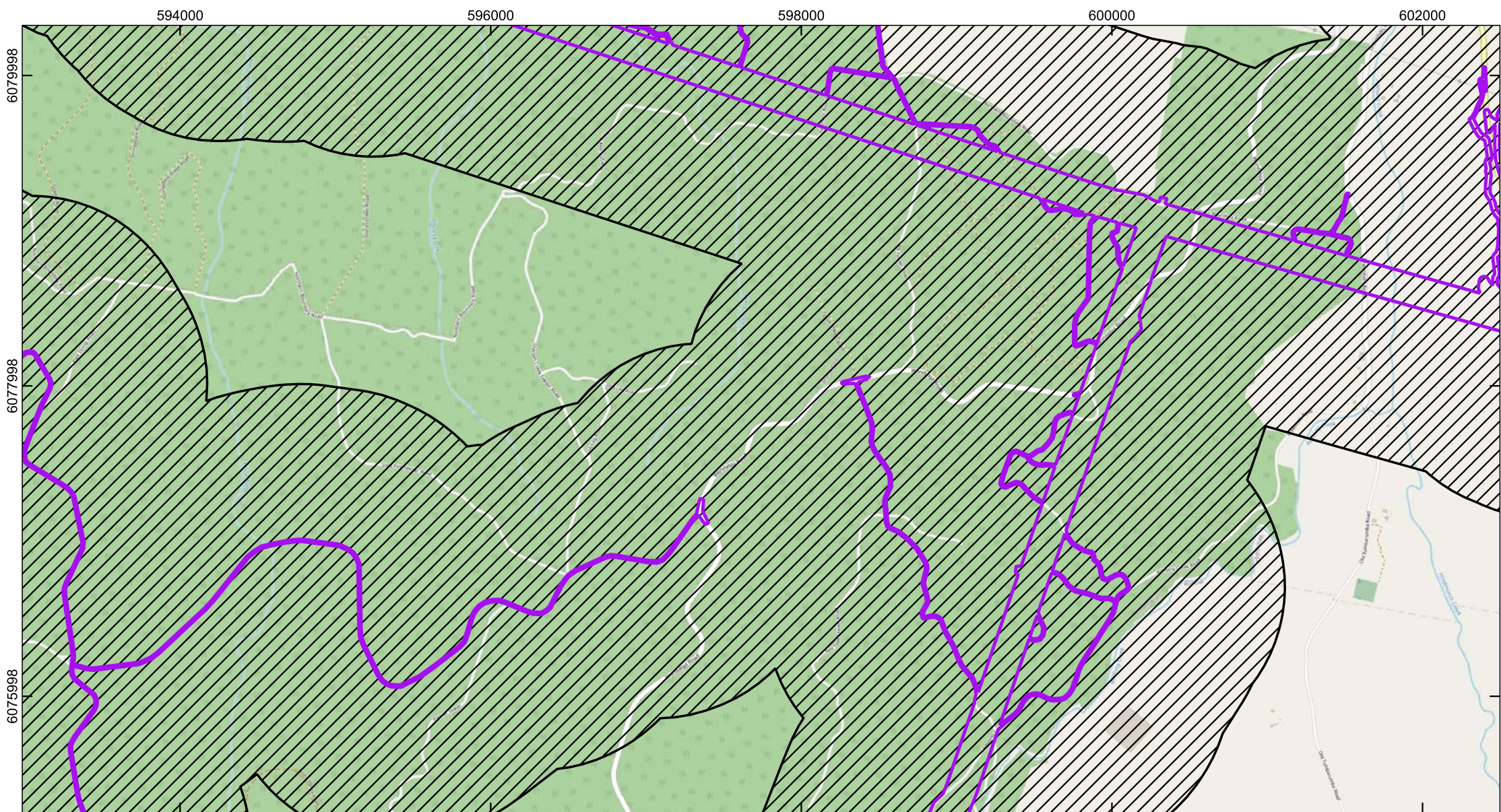


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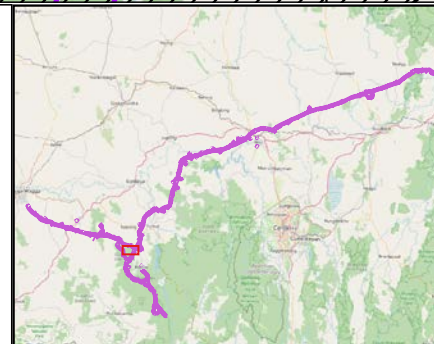
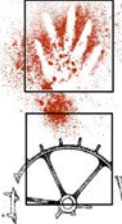


Humelink - Historic Sites

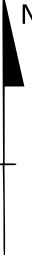
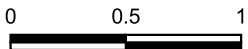
NSW Data Service  
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 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

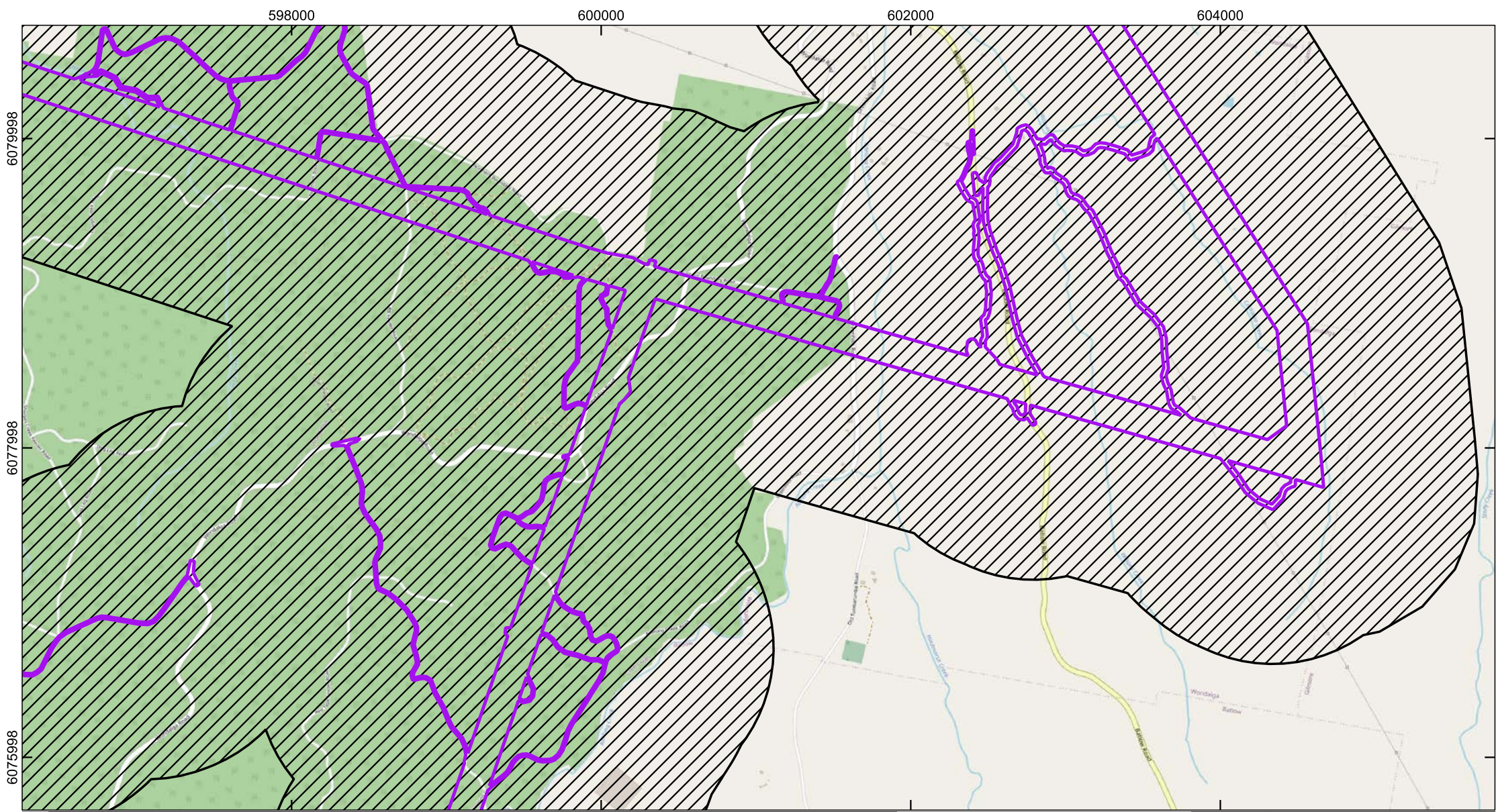
Legend

-  Amended Project Footprint
-  Amended Heritage Study Area

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*heritage  
consultants* ptd






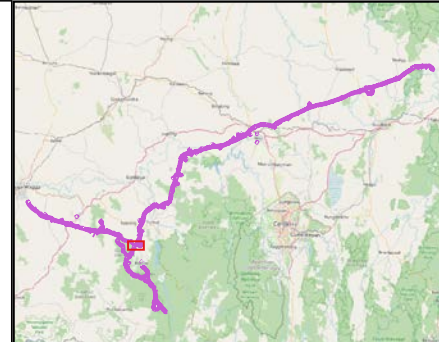



**Humelink - Historic Sites**

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

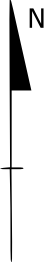
**Legend**

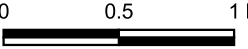
-  Amended Project Footprint
-  Amended Heritage Study Area



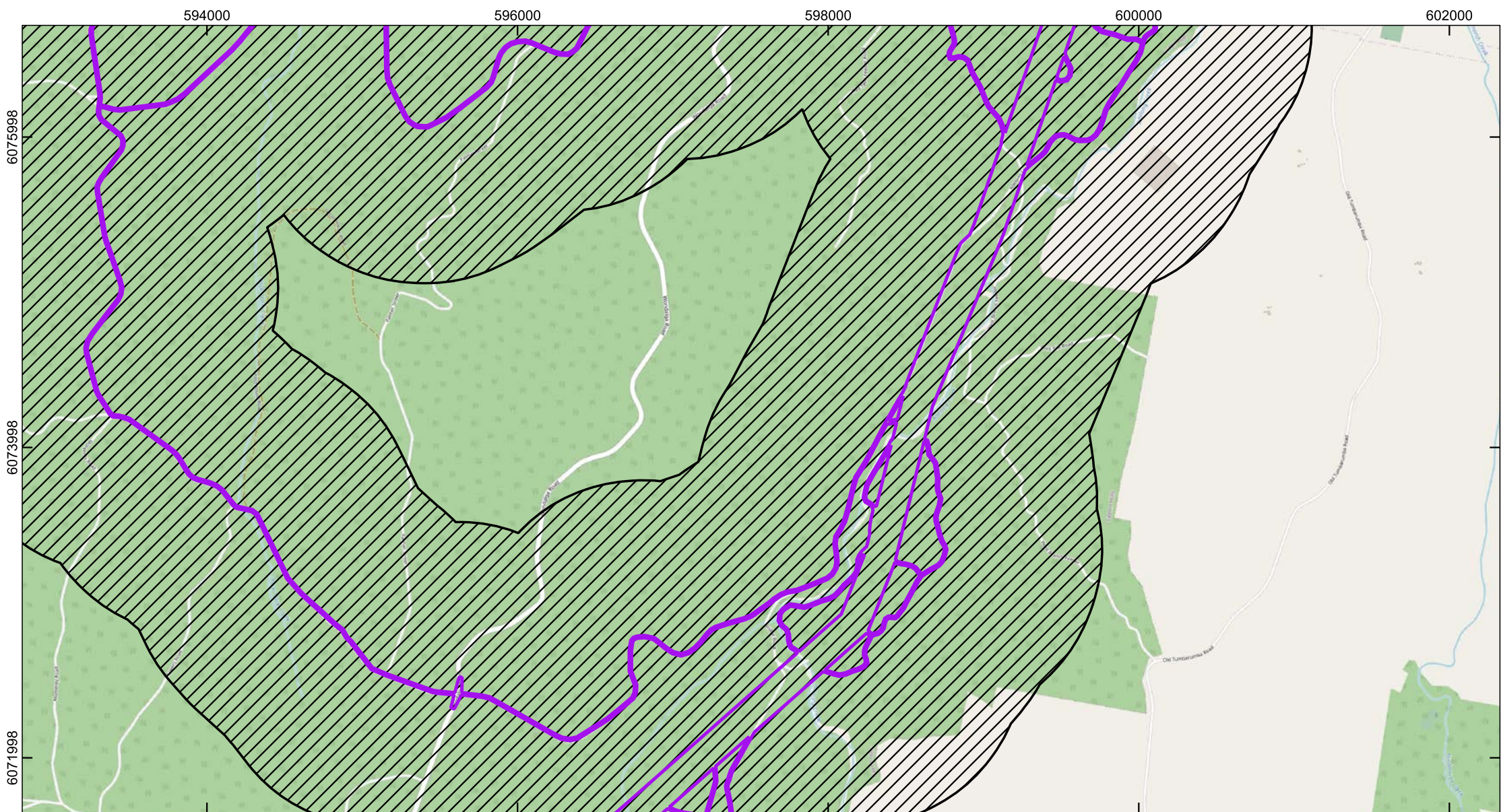


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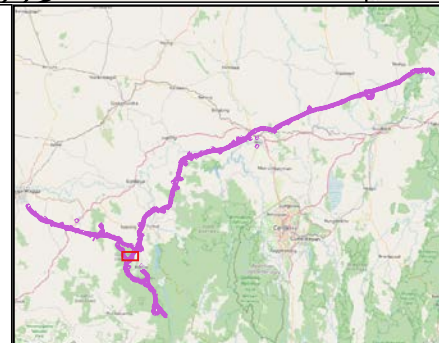



**Humelink - Historic Sites**


NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

**Legend**

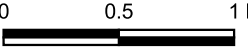
-  Amended Project Footprint
-  Amended Heritage Study Area

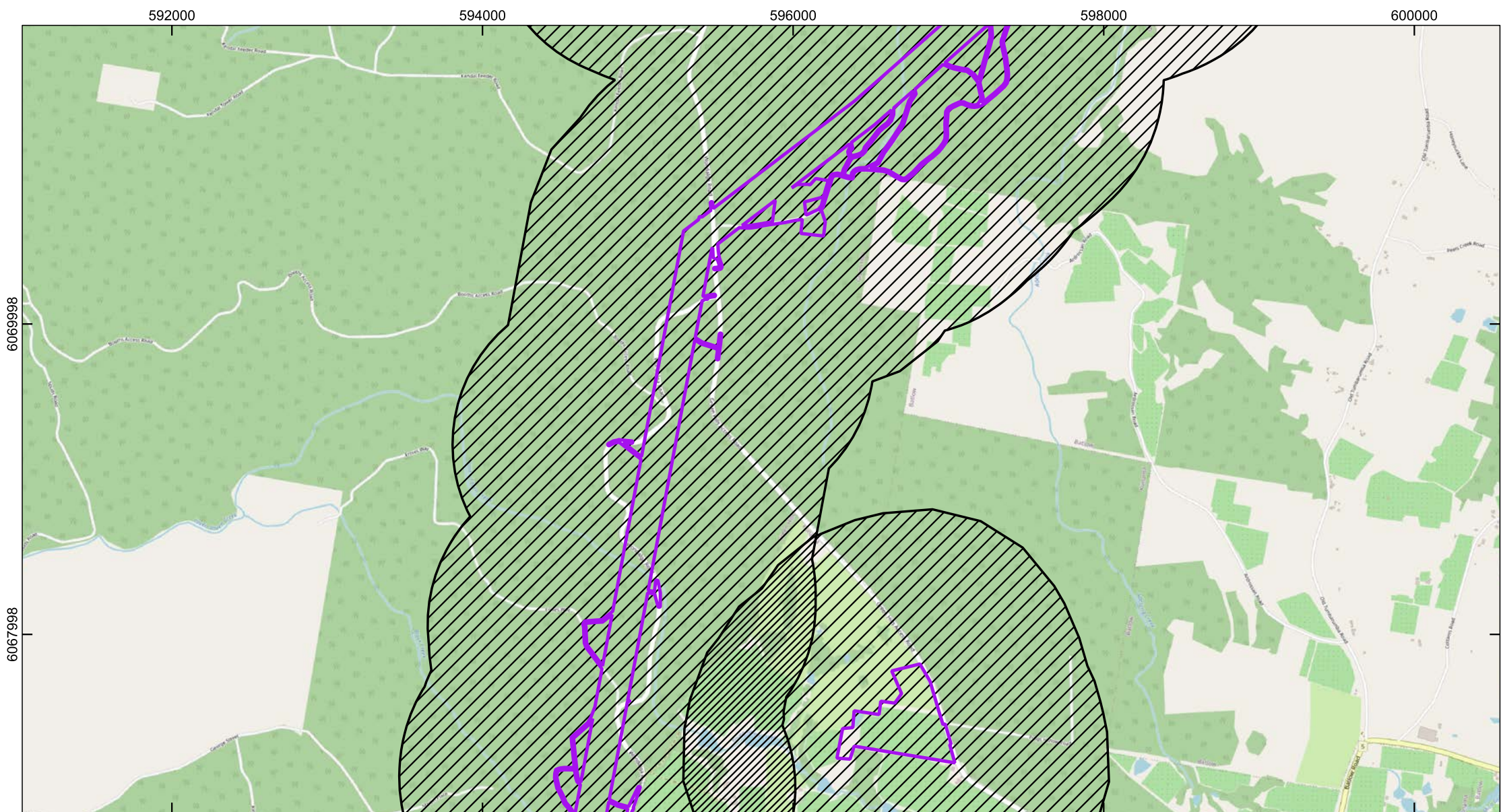
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N





0 0.5 1 km

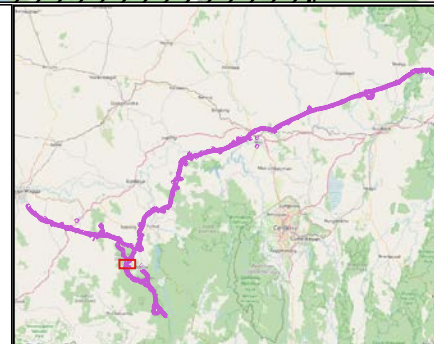


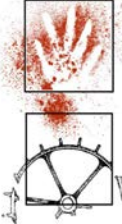
**Humelink - Historic Sites**

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

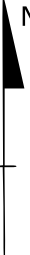
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area

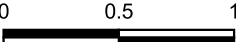




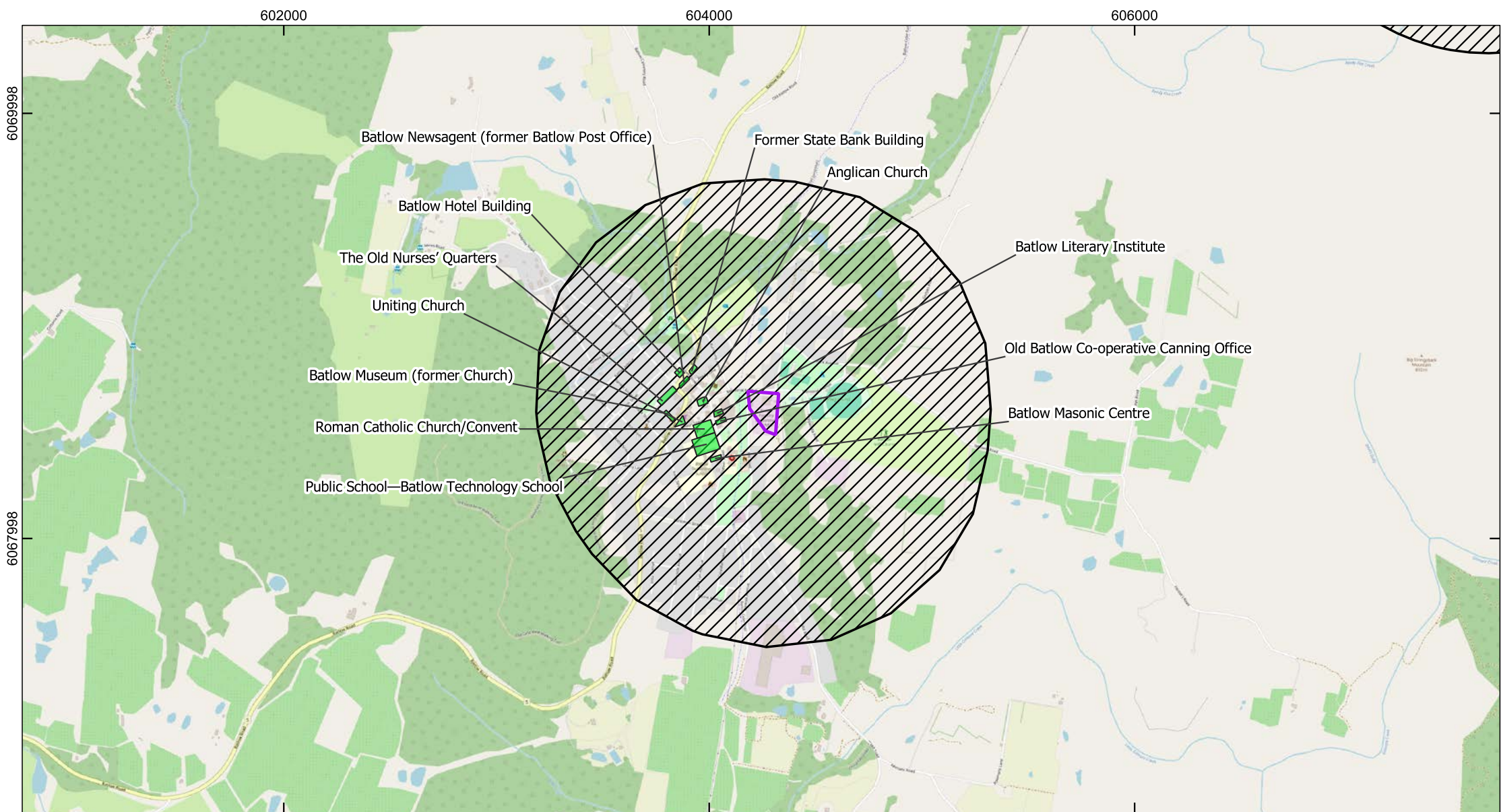
**Navin  
Officer**  
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consultants* pt. au



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0 0.5 1 km

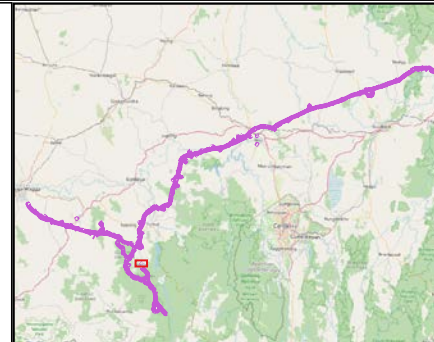



**Humelink - Historic Sites**

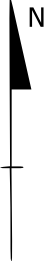
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 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
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**Legend**

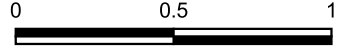
-  Amended Project Footprint
-  Amended Heritage Study Area
-  LEP Listed item

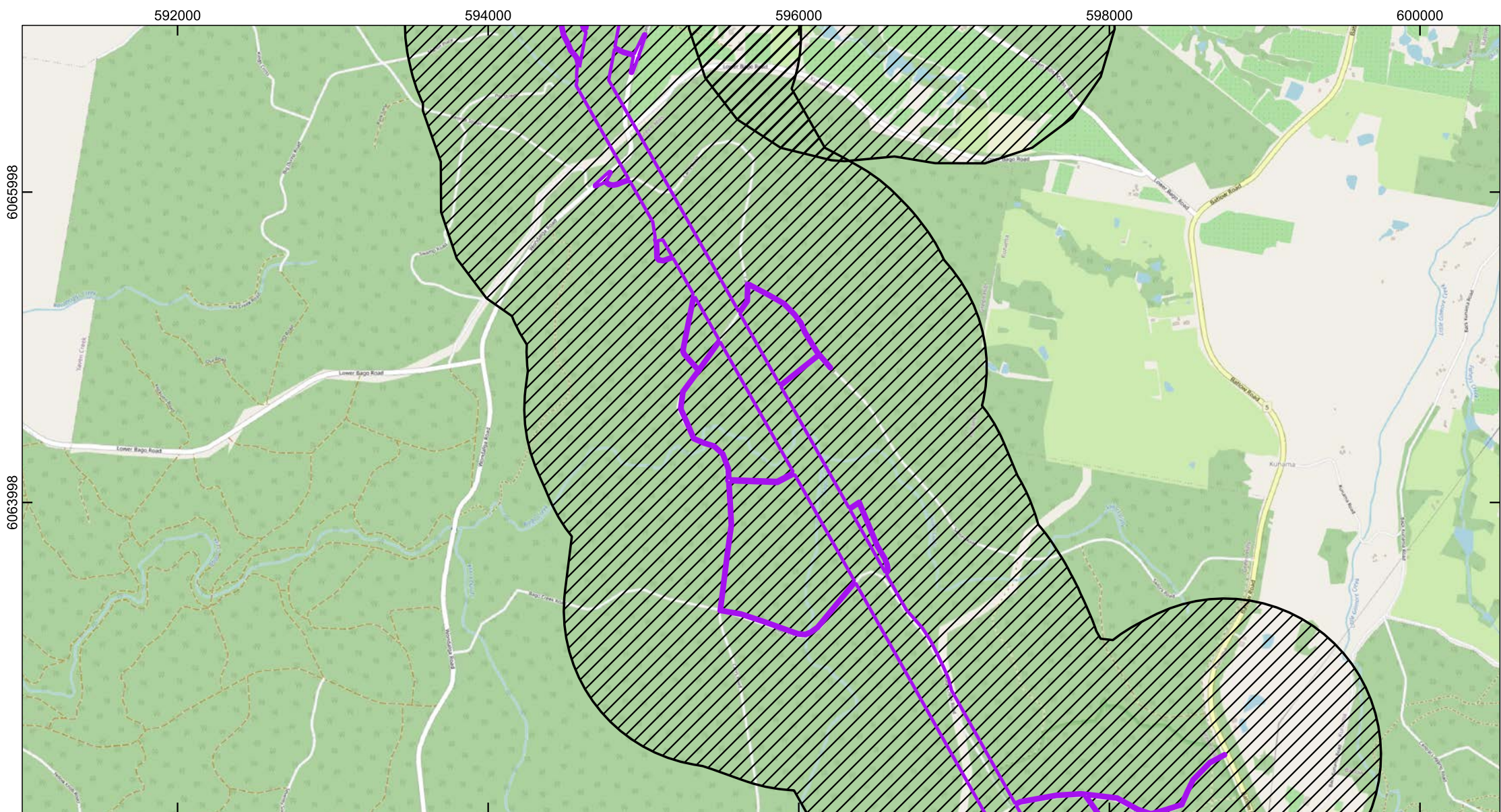



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0 0.5 1 km





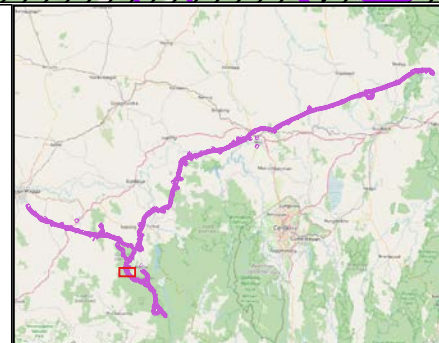



**Humelink - Historic Sites**


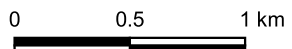
NSW Data Service  
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 Author: Ellaine Dickens  
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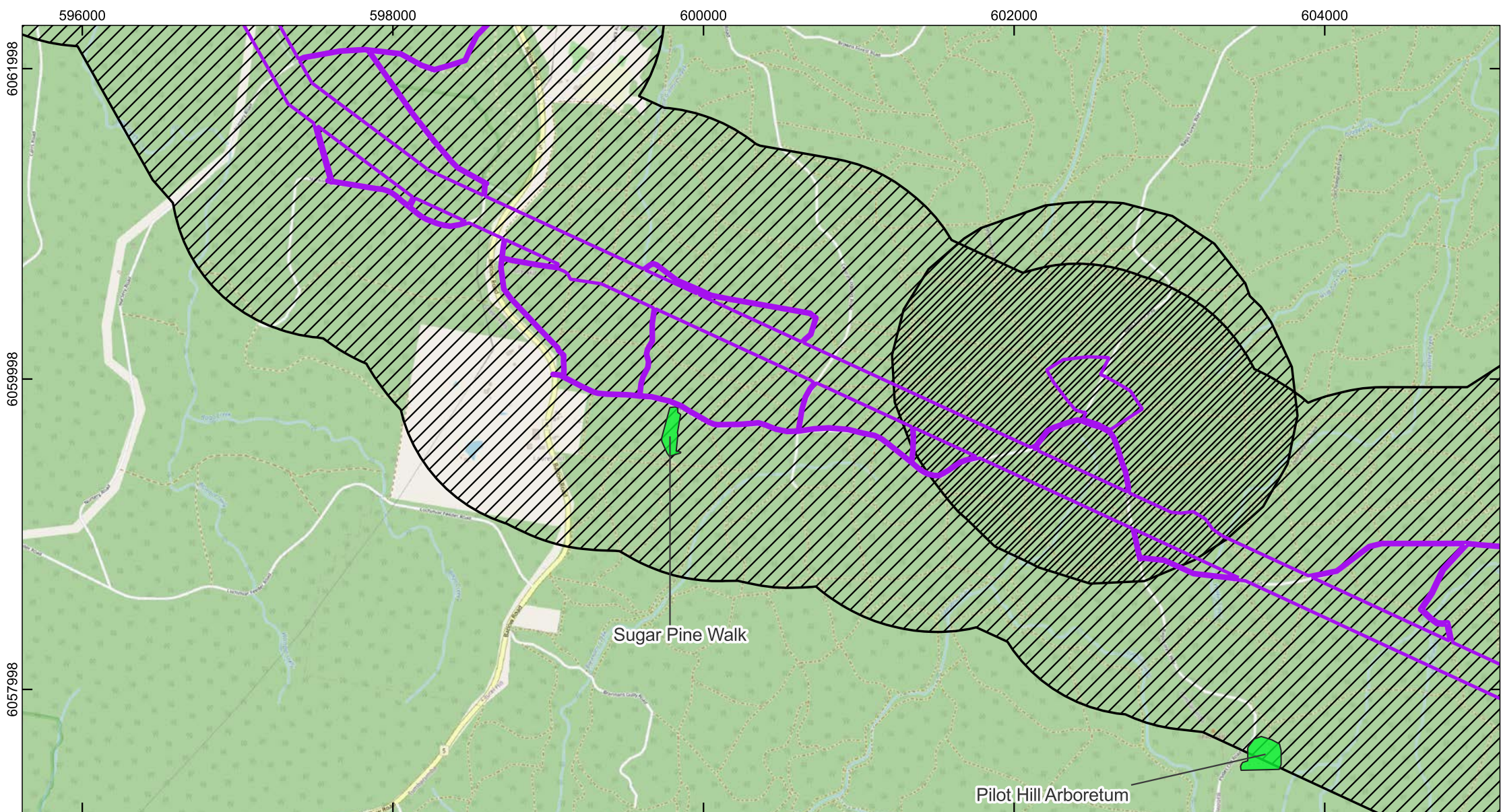
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area

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




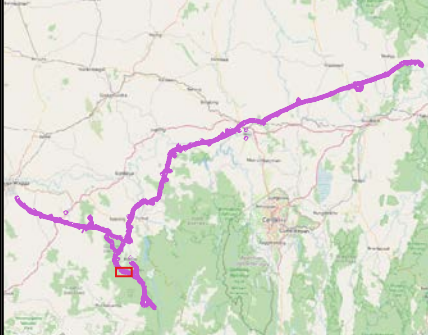


**Humelink - Historic Sites**

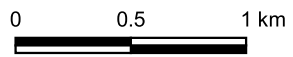
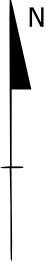
NSW Data Service  
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 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

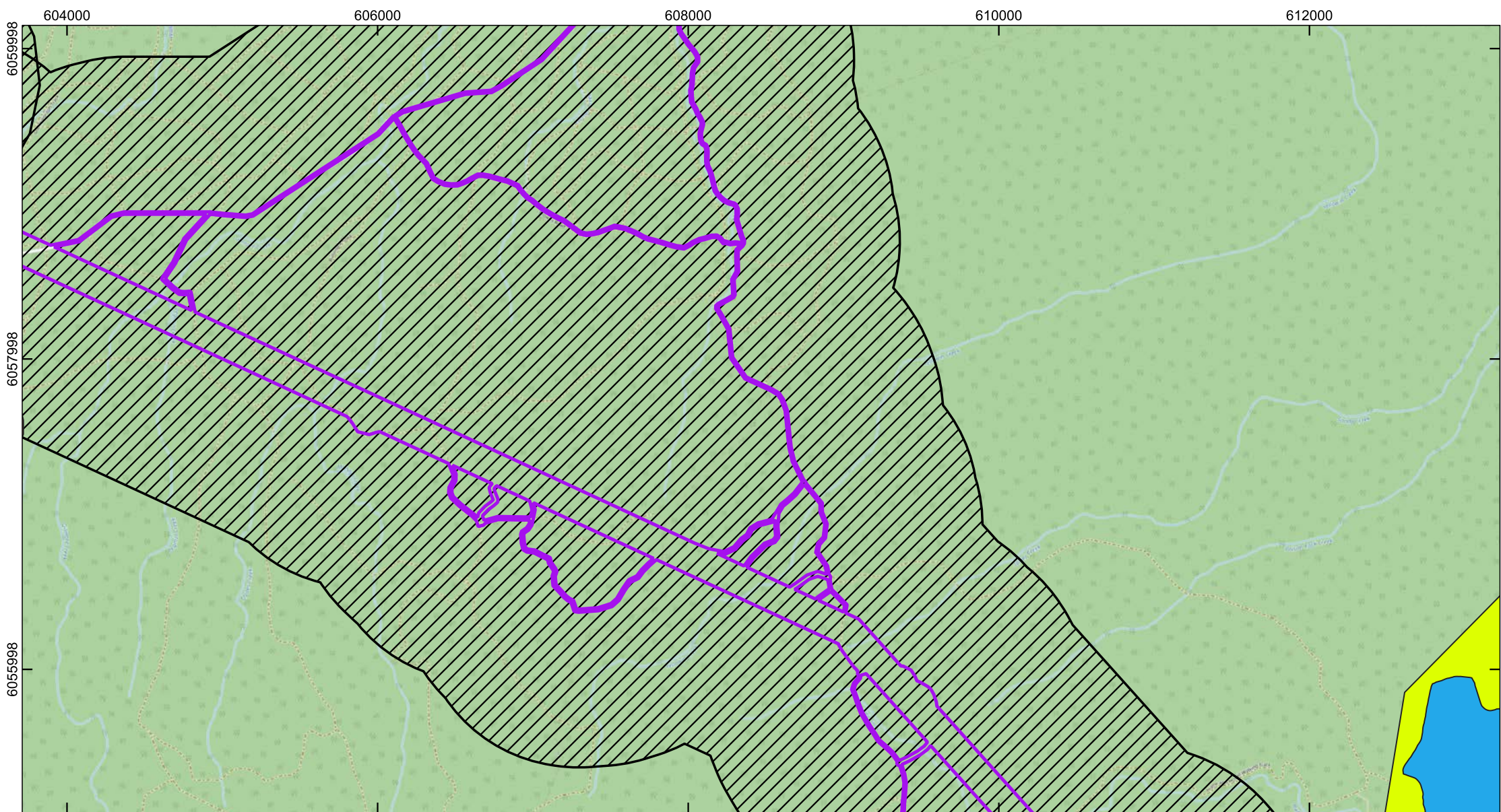
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area
-  LEP Listed Item




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consultants pt. au








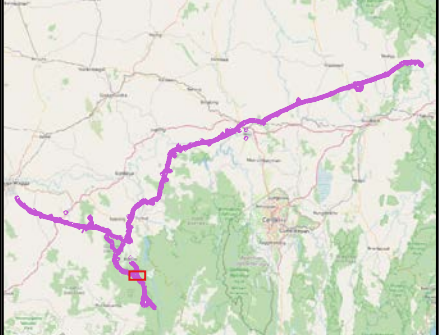



**Humelink - Historic Sites**

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

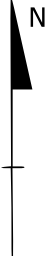
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area
- NHL Listed Item**
-  Australian Alps National Parks and Reserves
-  Snowy Mountains Scheme
-  EPI Listed Item

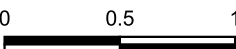




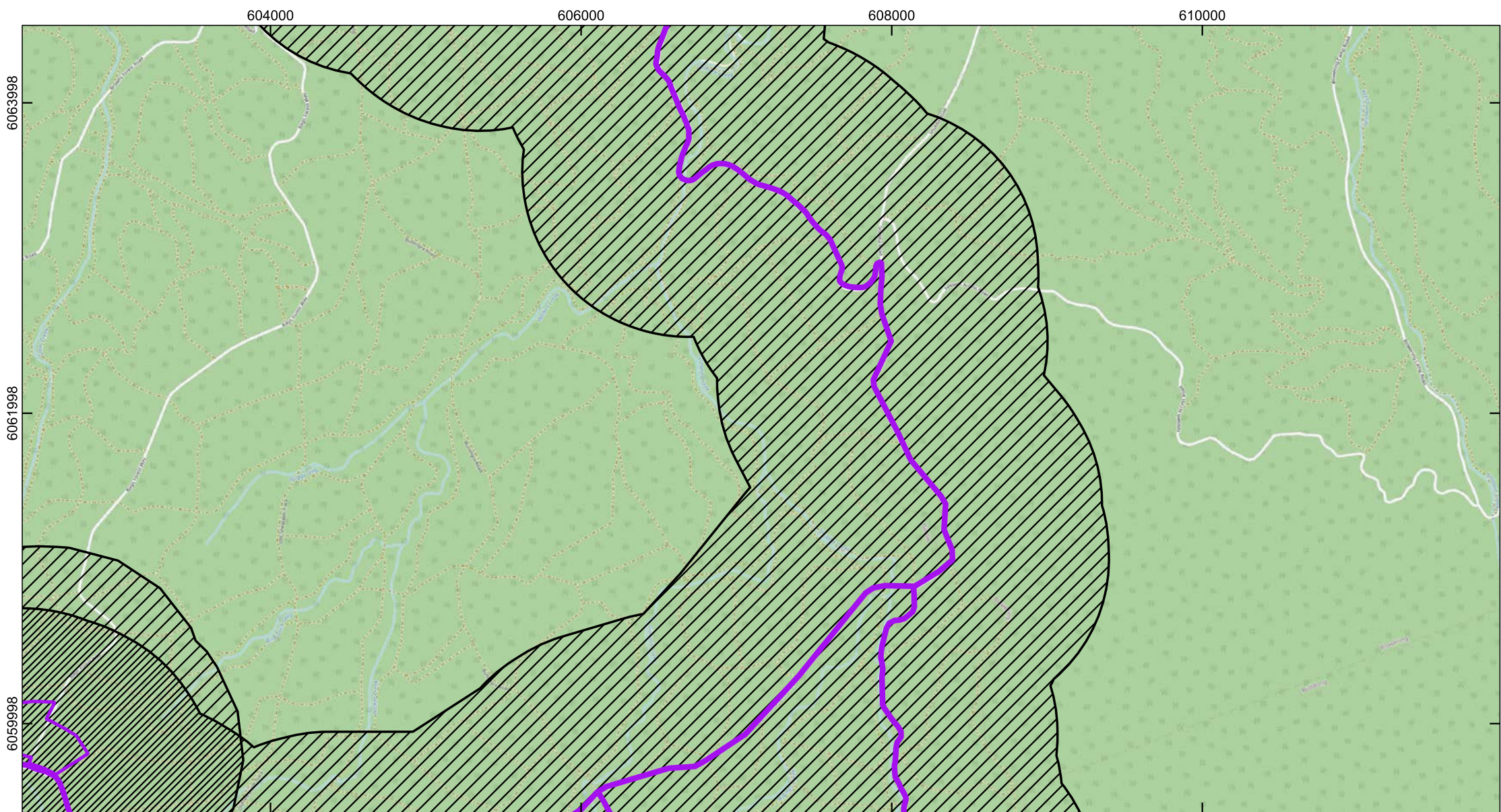
**Navin  
Officer**  
*heritage  
consultants ptw*



N





0      0.5      1 km

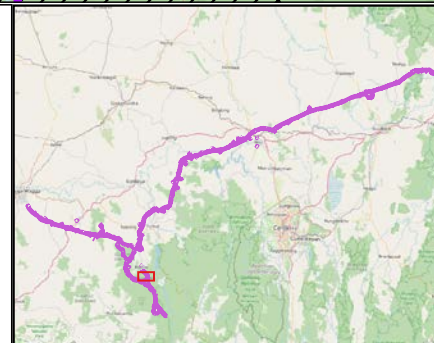



**Humelink - Historic Sites**

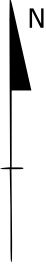
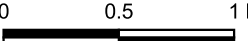
NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
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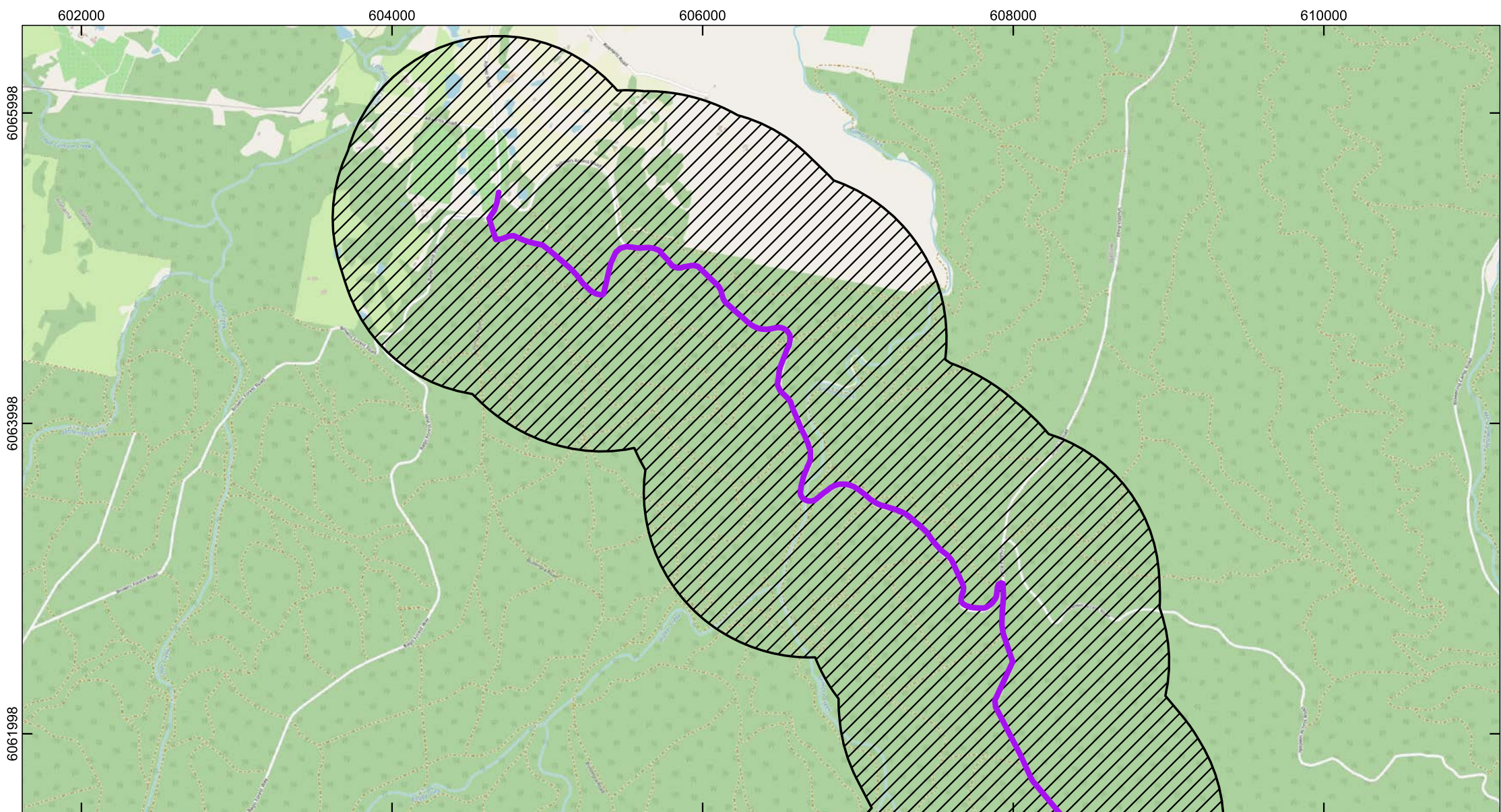
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area

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consultants* PTY LTD






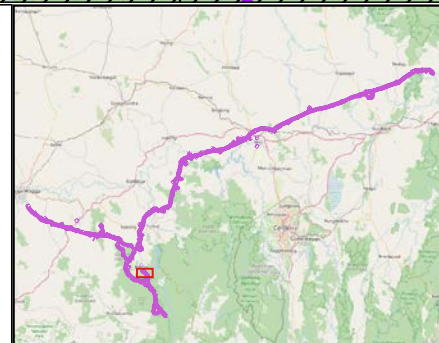



**Humelink - Historic Sites**

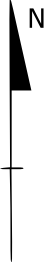
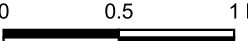
NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

**Legend**

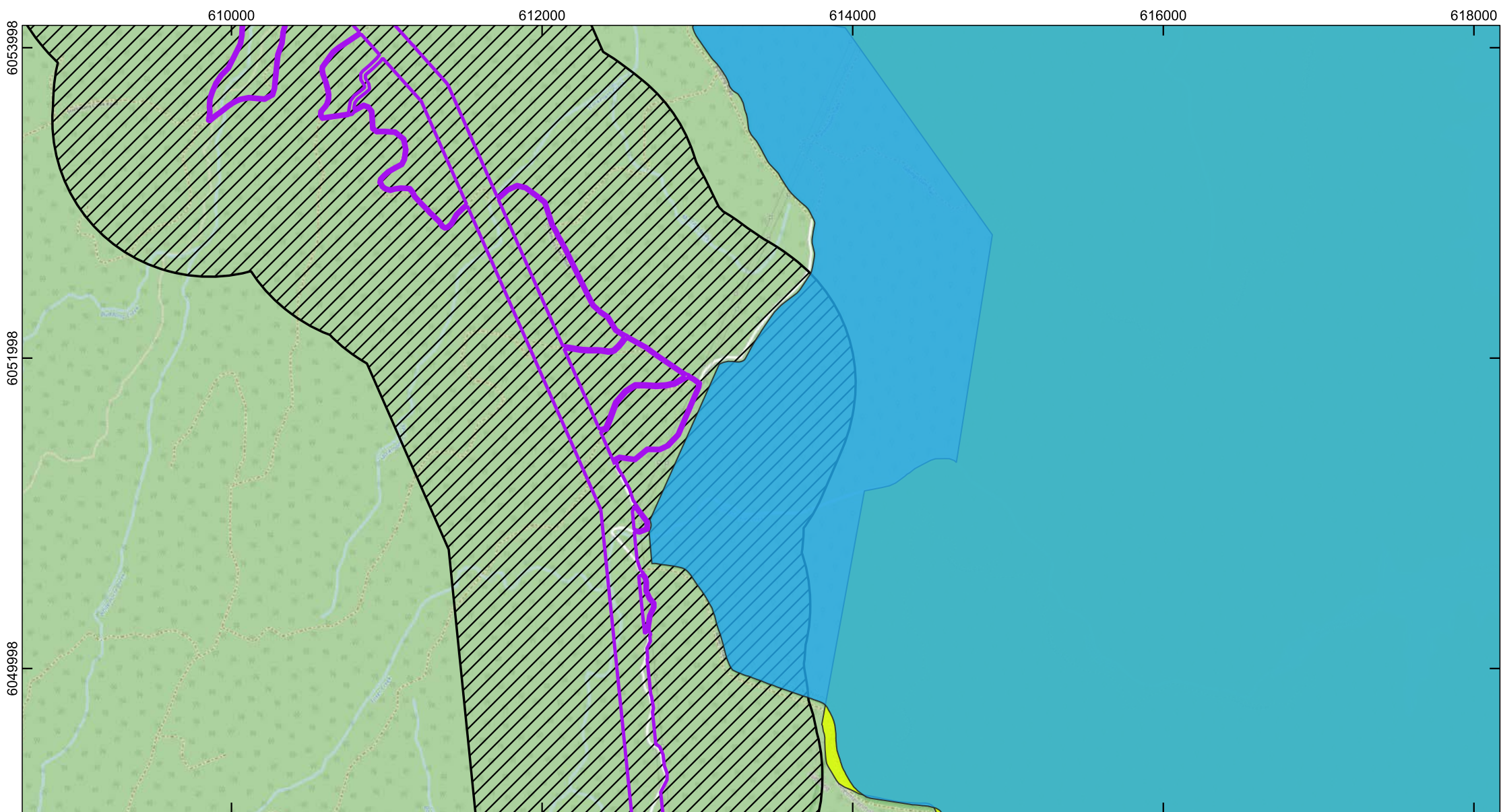
-  Amended Project Footprint
-  Amended Heritage Study Area

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consultants* pt. au







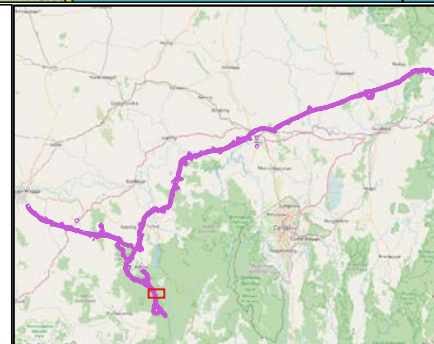



**Humelink - Historic Sites**

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

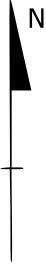
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area
- NHL Listed Item**
-  Australian Alps National Parks and Reserves
-  Snowy Mountains Scheme

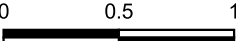




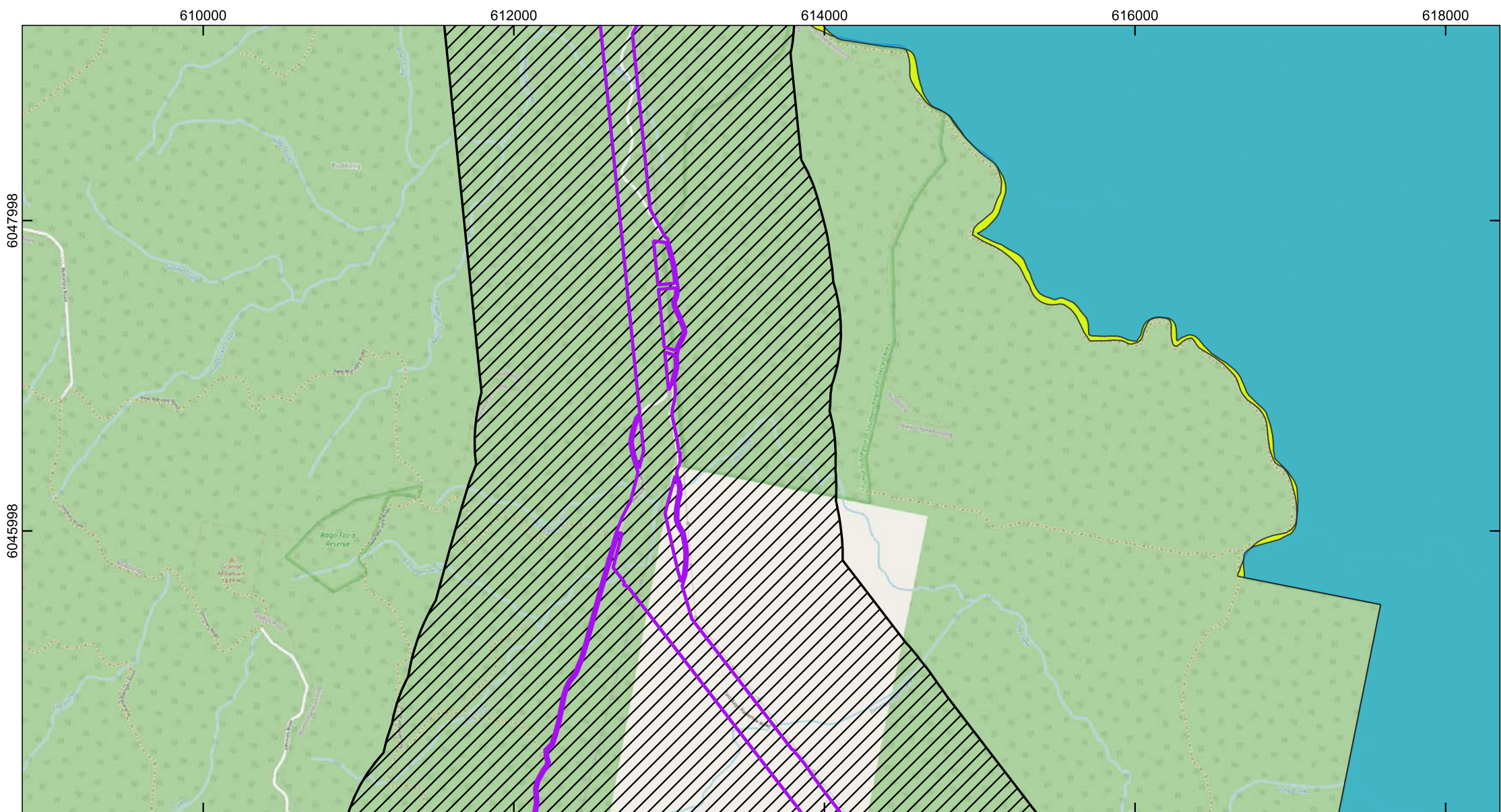
**Navin  
Officer**  
*heritage  
consultants ptw*



N







0      0.5      1 km

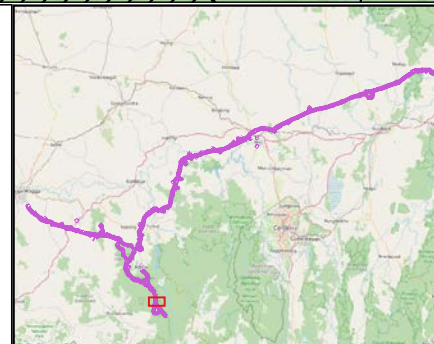



**Humelink - Historic Sites**

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
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**Legend**

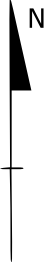
-  Amended Project Footprint
-  Amended Heritage Study Area
- NHL Listed Item**
-  Australian Alps National Parks and Reserves
-  Snowy Mountains Scheme



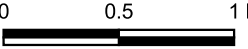


**Navin  
Officer**  
*heritage consultants pt. au*

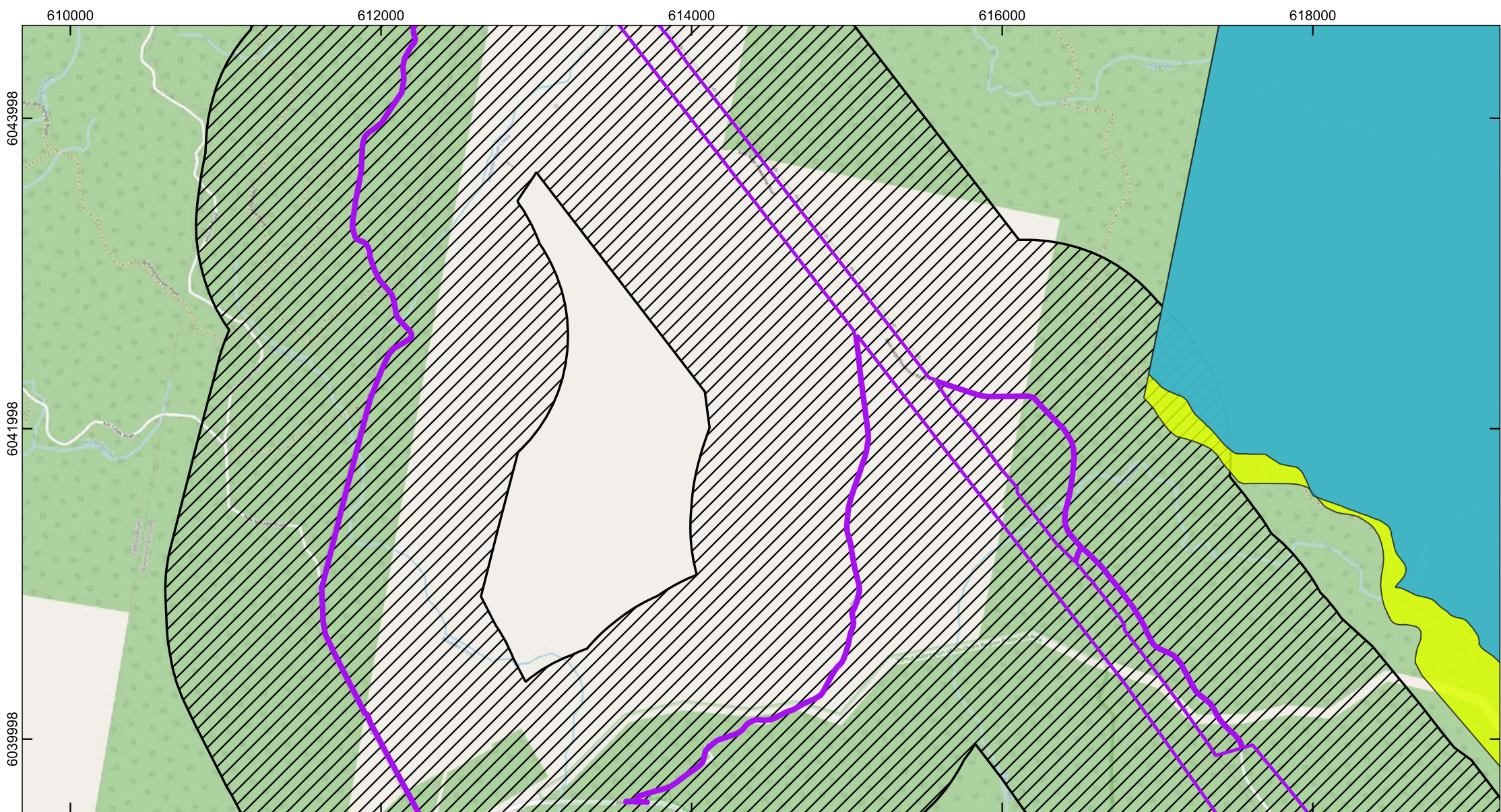




N







0      0.5      1 km

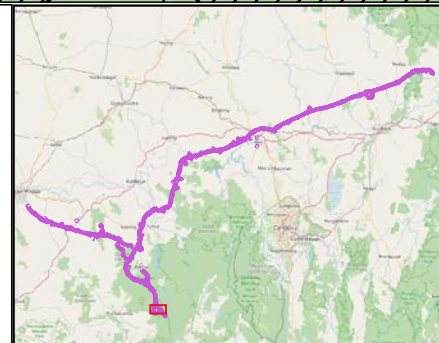


**Humelink - Historic Sites**

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

**Legend**

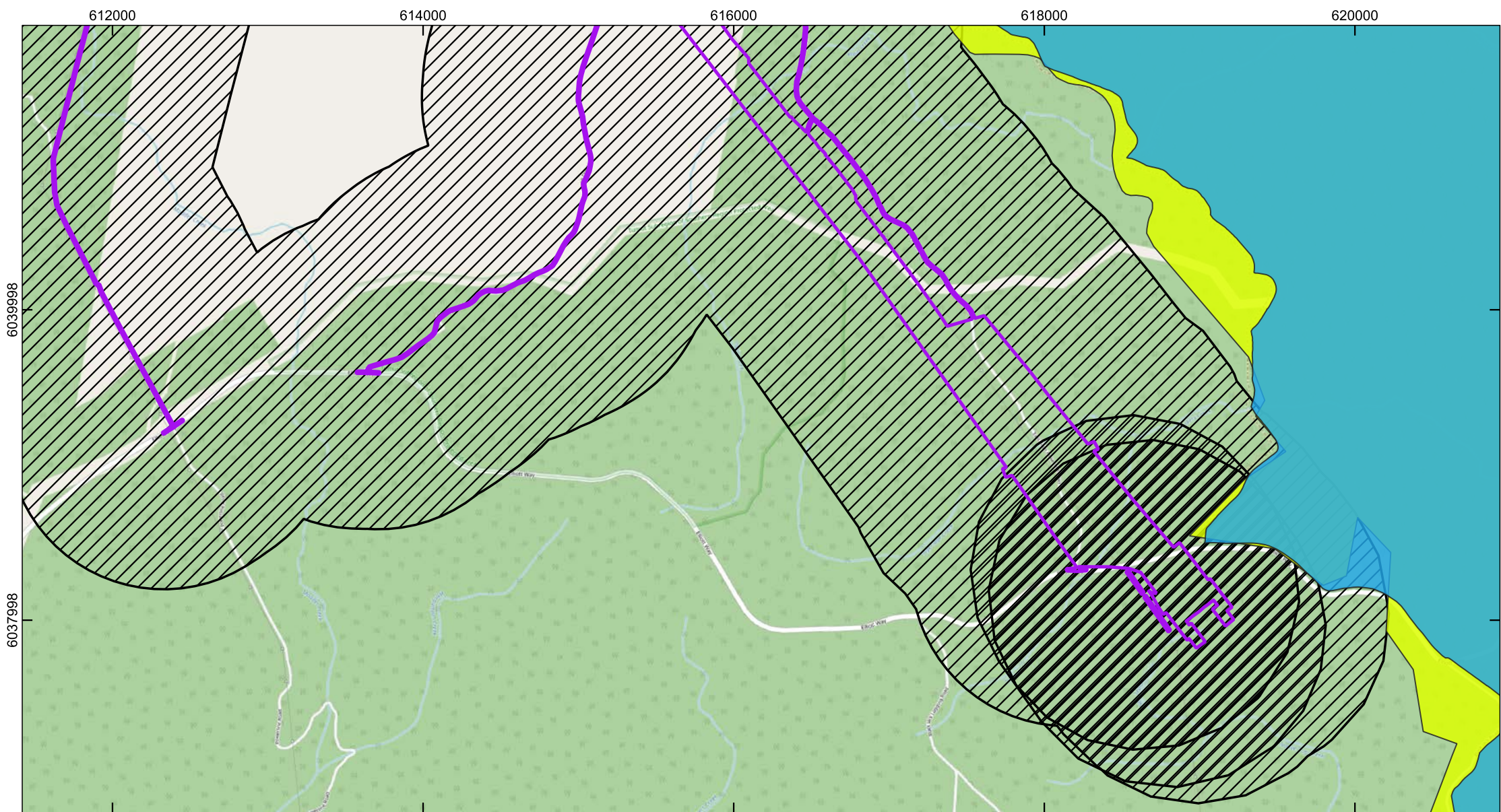
-  Amended Project Footprint
-  Amended Heritage Study Area
- NHL Listed Item**
-  Australian Alps National Parks and Reserves
-  Snowy Mountains Scheme



**Navin Officer**  
*heritage consultants*

0 0.5 1 km





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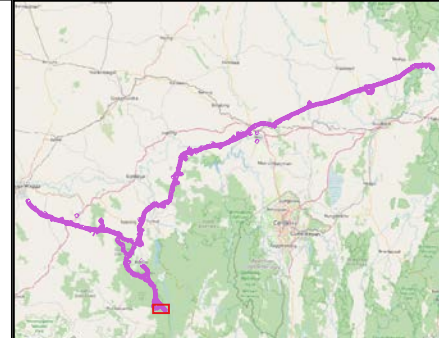



Humelink - Historic Sites

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293


Legend

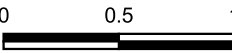
-  Amended Project Footprint
  -  Amended Heritage Study Area
- NHL Listed Item
-  Australian Alps National Parks and Reserves
  -  Snowy Mountains Scheme

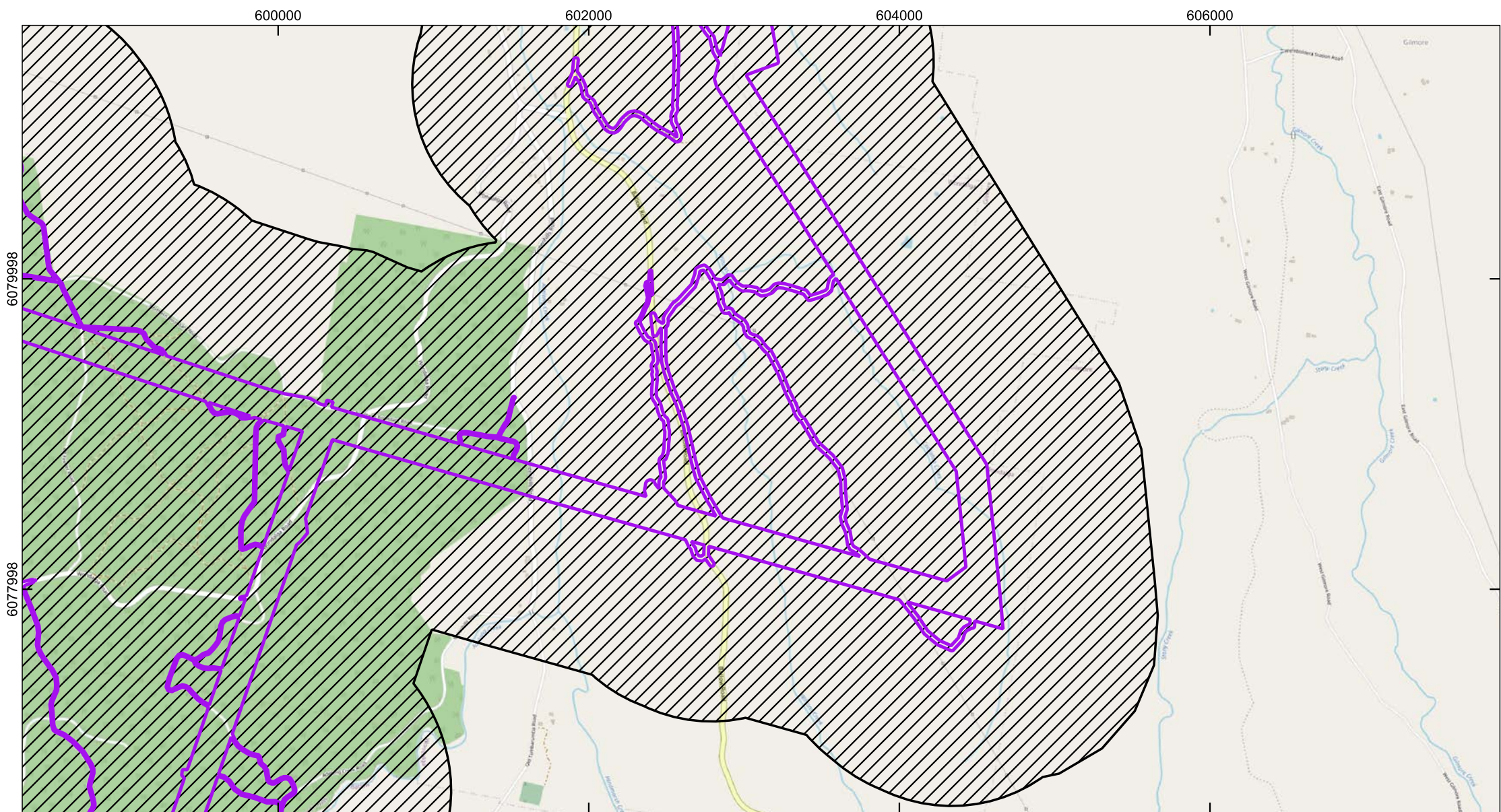




**Navin  
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*heritage  
consultants pt. au*







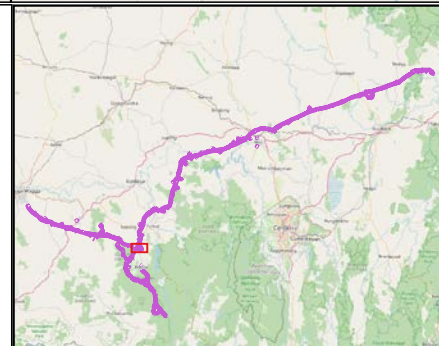



**Humelink - Historic Sites**

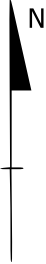
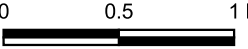
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 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

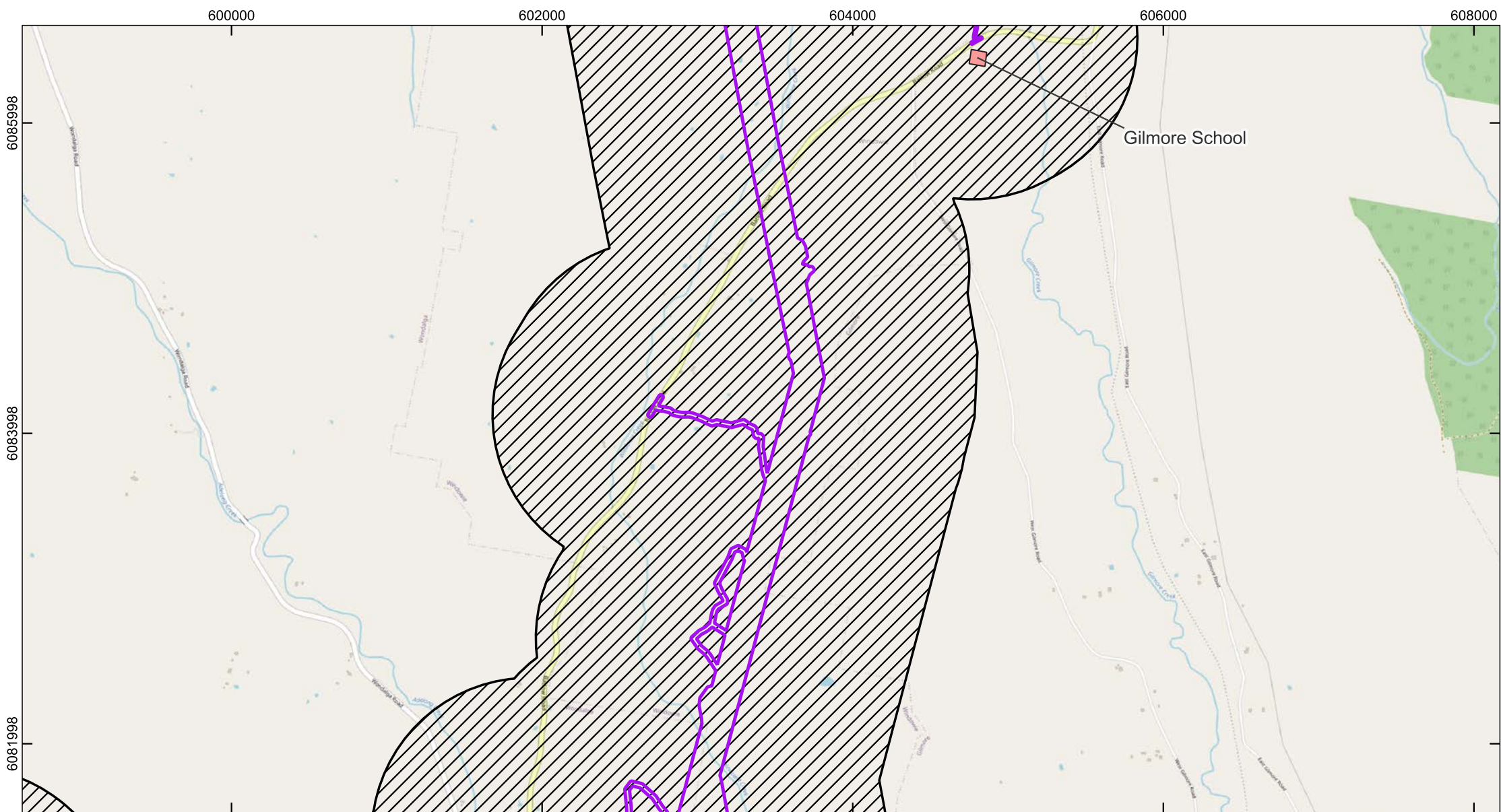
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area

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consultants* pt. au







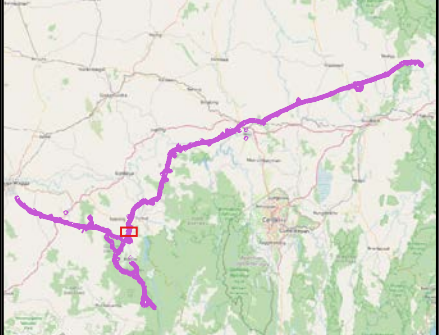



**Humelink - Historic Sites**

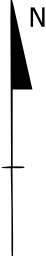
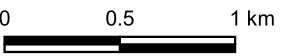
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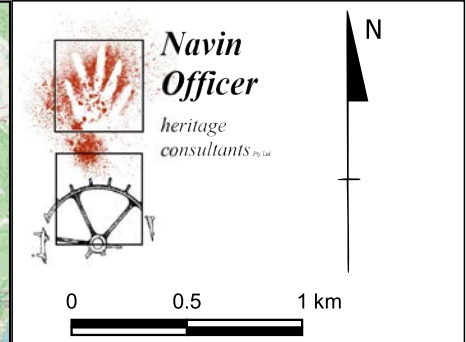
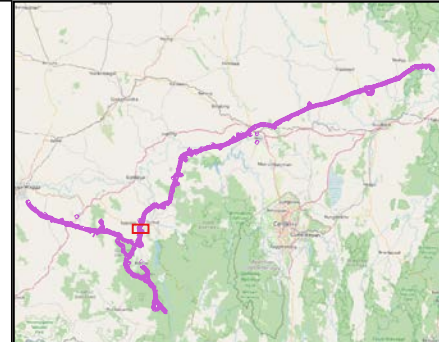
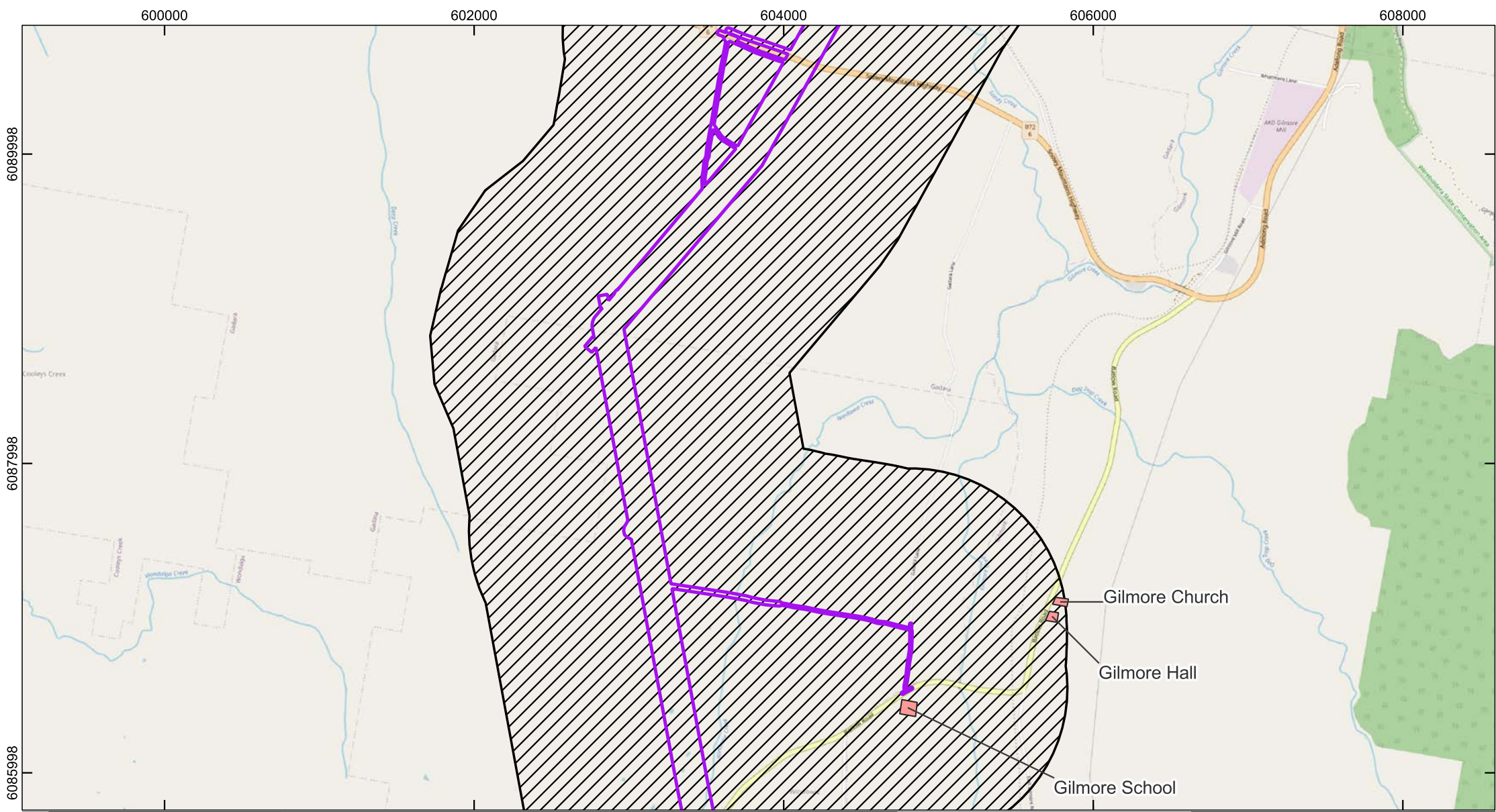
**Legend**

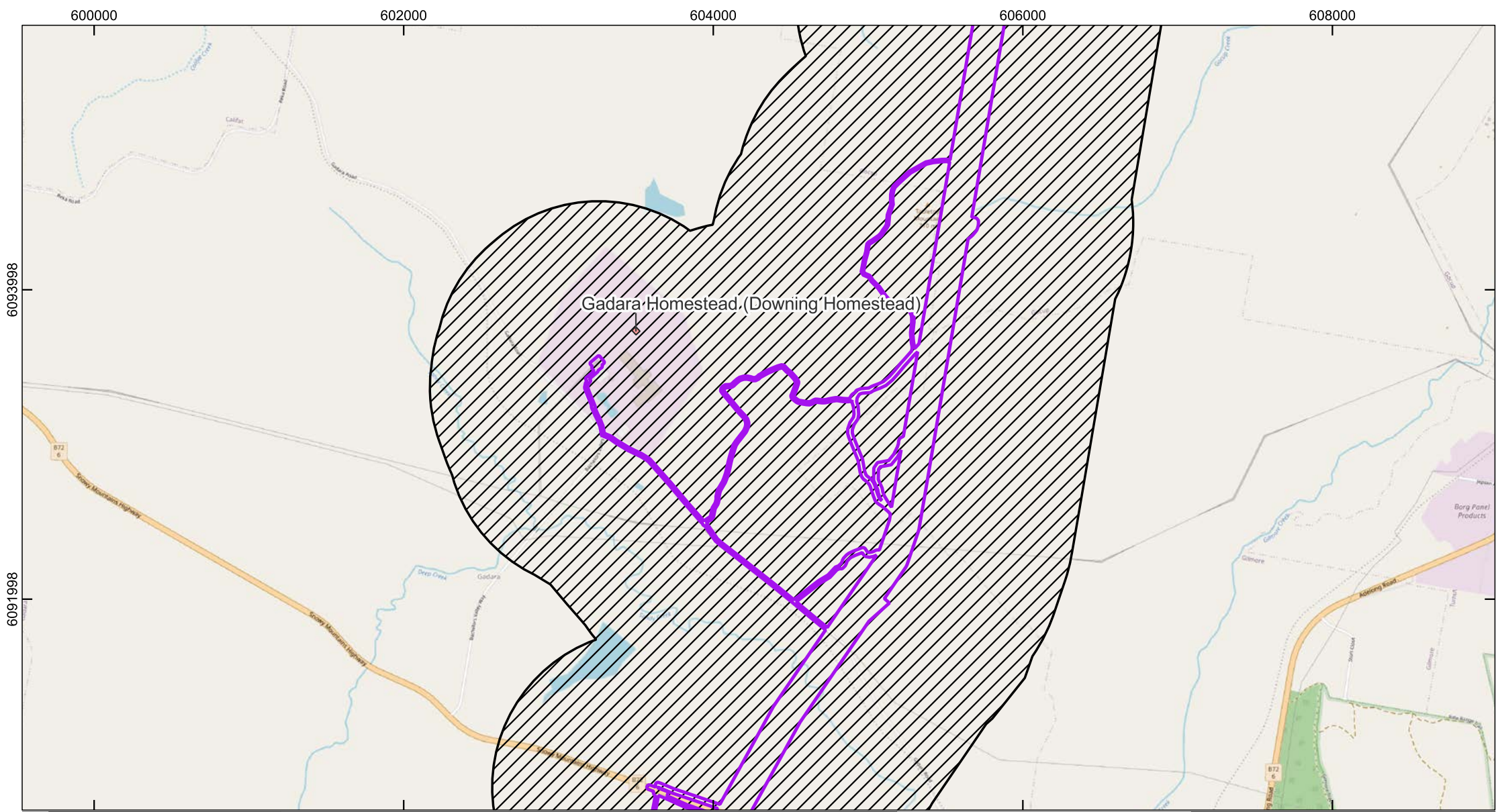
-  Amended Project Footprint
-  Amended Heritage Study Area
-  EPI Listed Item

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consultants* pt. au






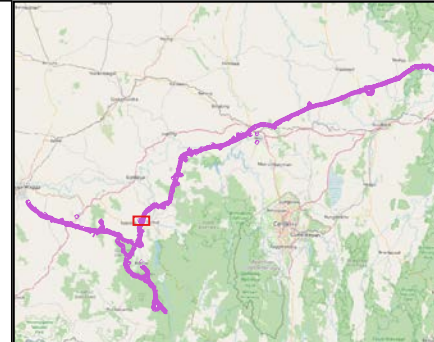
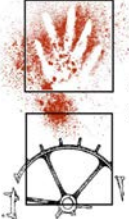


Humelink - Historic Sites

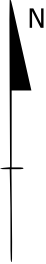
NSW Data Service  
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 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

Legend

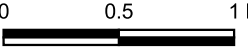
-  Amended Project Footprint
-  Amended Heritage Study Area
-  EPI Listed Item

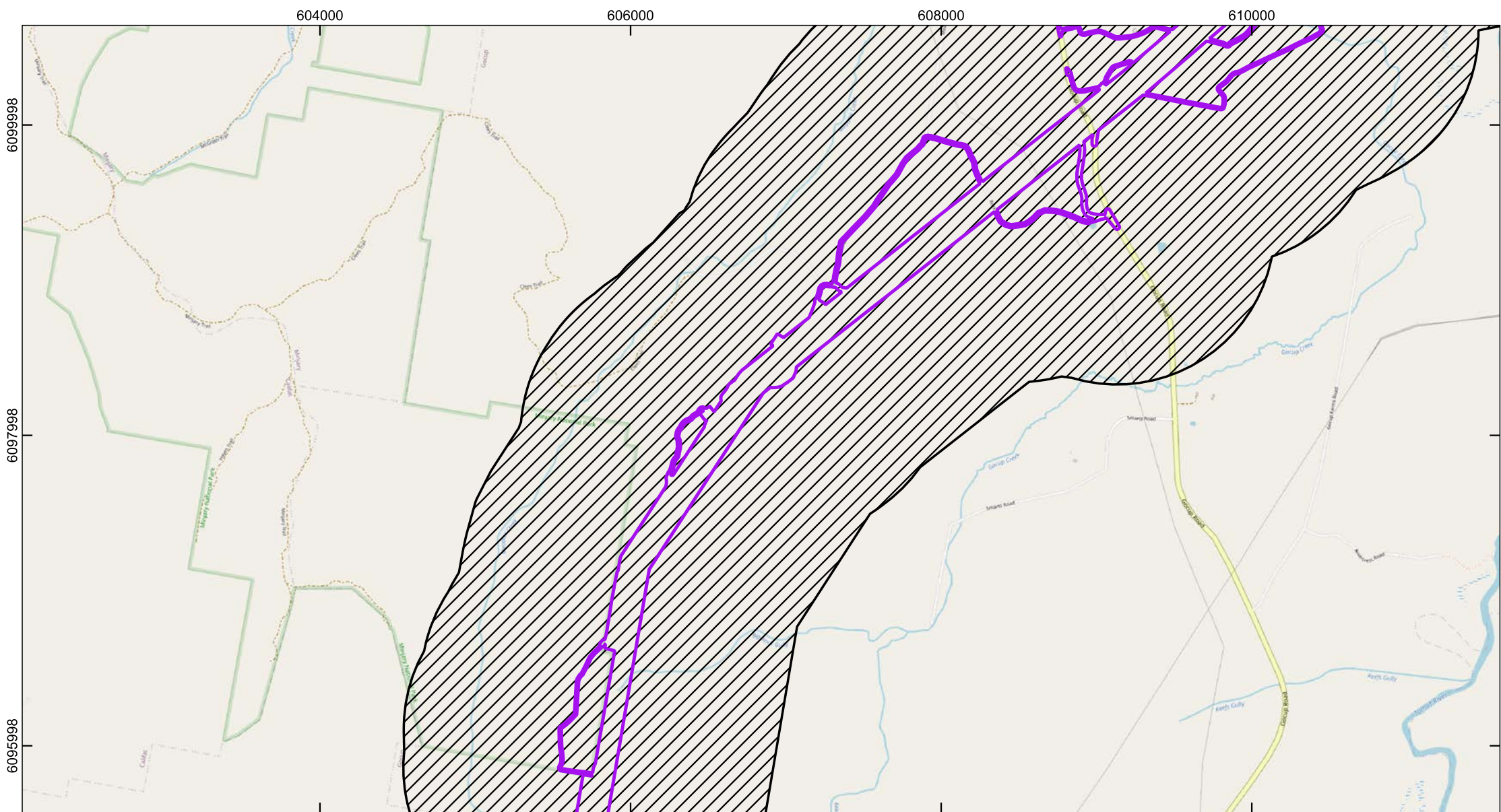
**Navin  
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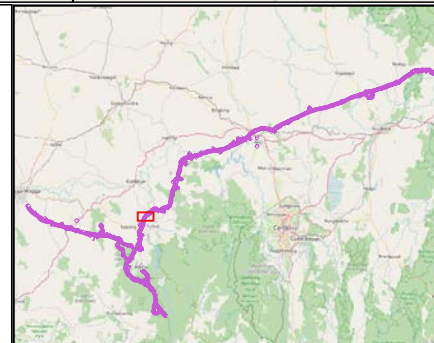


**Humelink - Historic Sites**

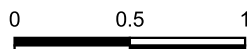
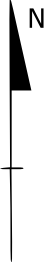
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Author: Ellaine Dickens  
Projection: GDA2020  
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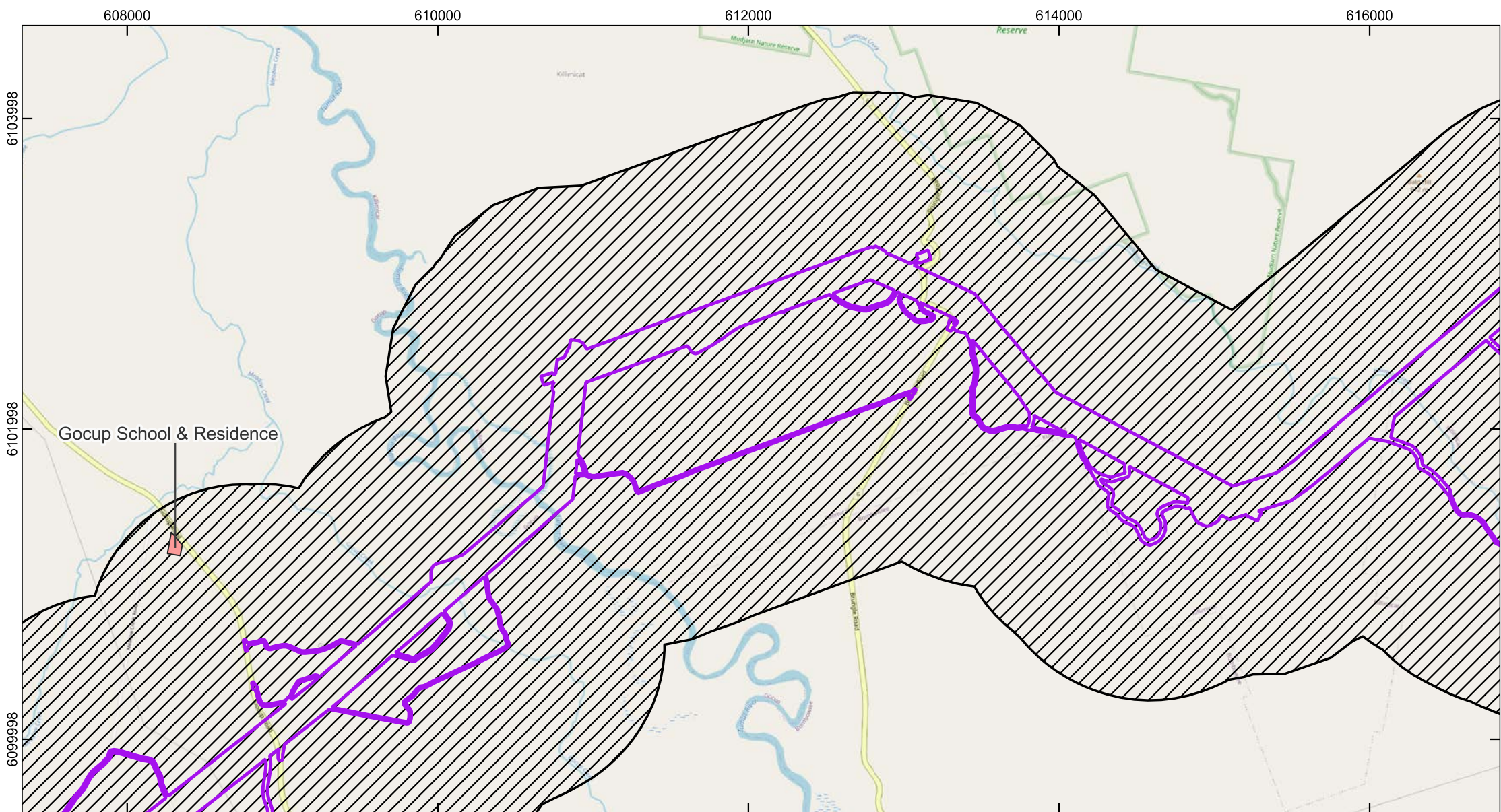
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area



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consultants* pt. au






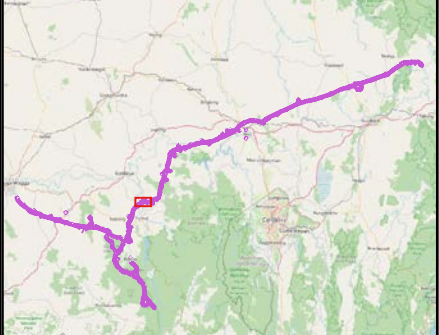
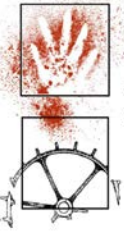


**Humelink - Historic Sites**

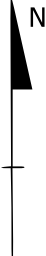
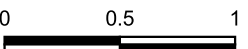
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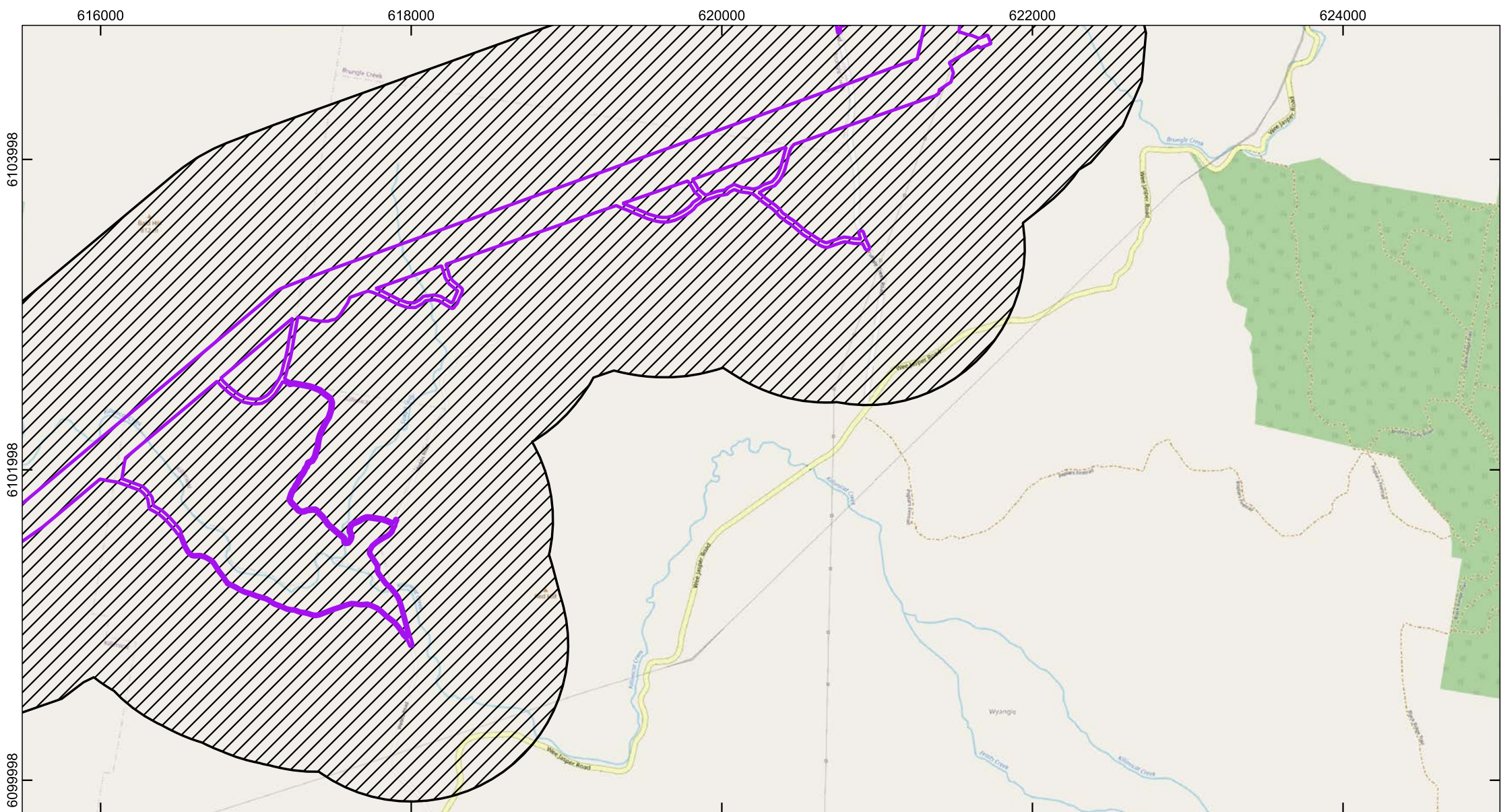
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area
-  EPI Listed Item

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consultants* pt. au






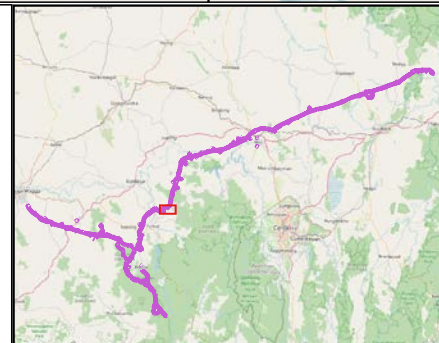



**Humelink - Historic Sites**


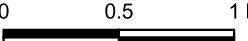
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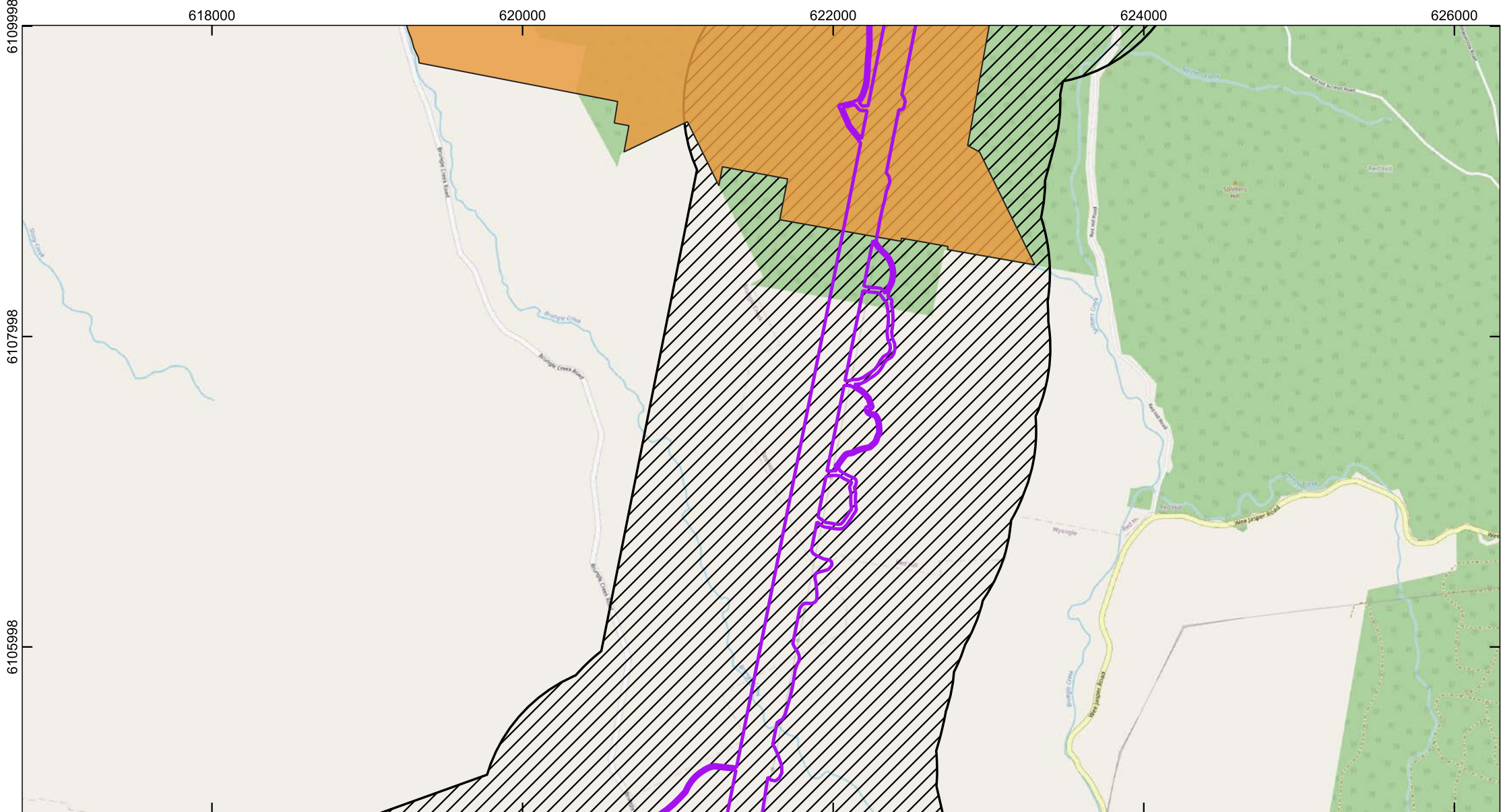
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area

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 heritage consultants pt. au







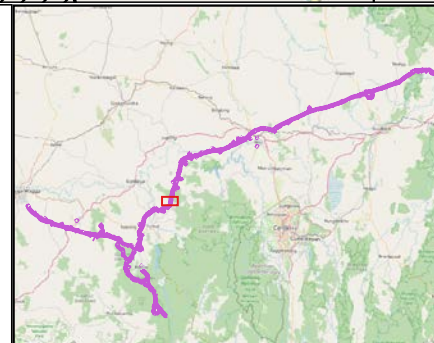



**Humelink - Historic Sites**

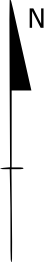
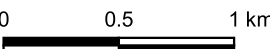
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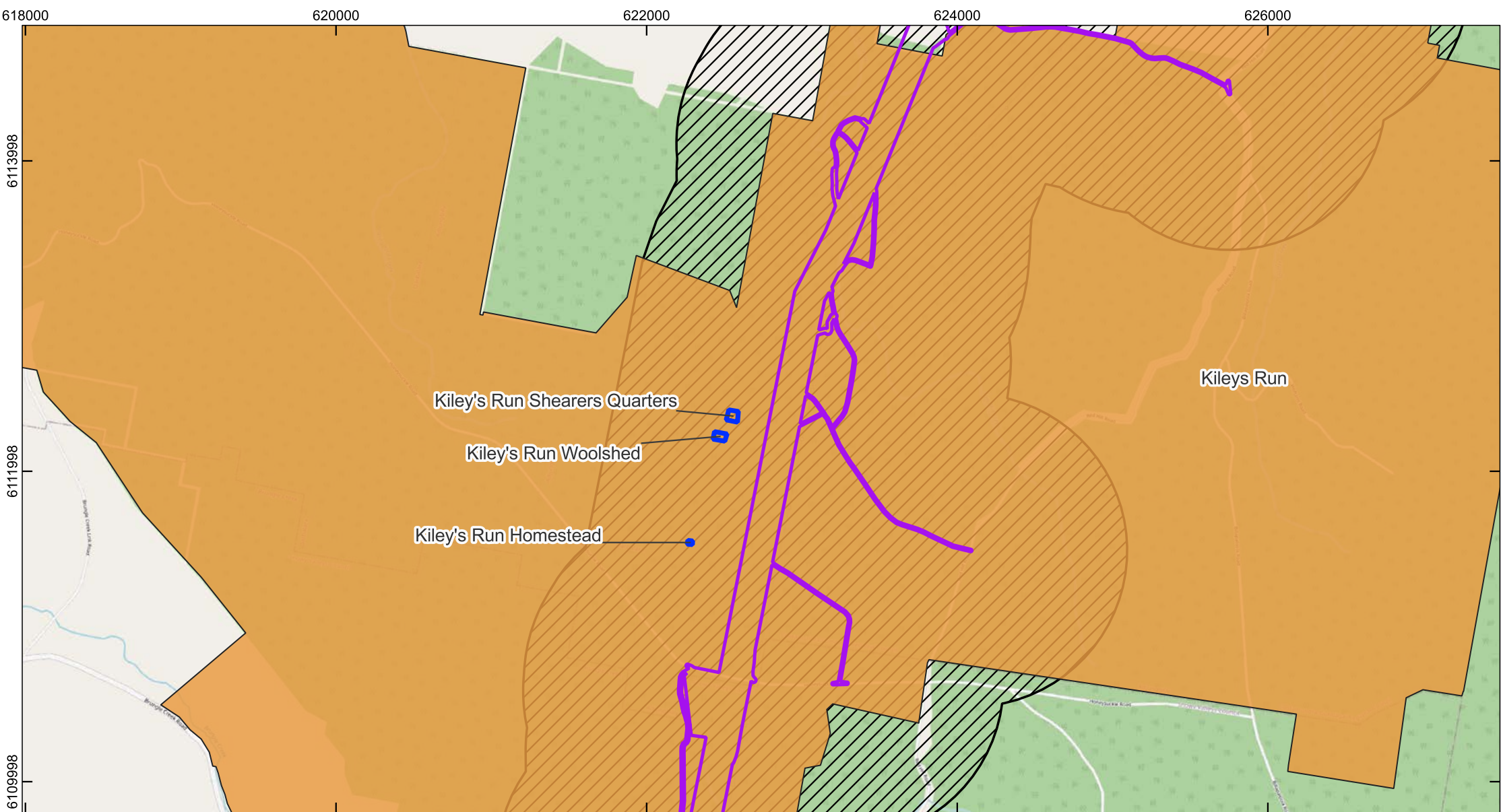
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area
-  RNE Listed Item

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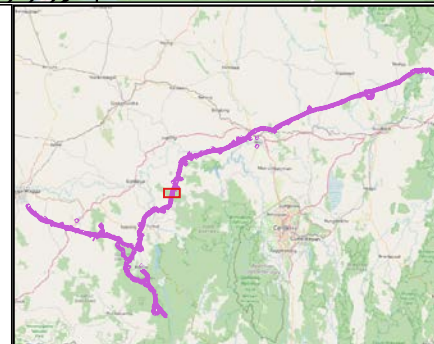



Humelink - Historic Sites

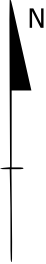
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Legend

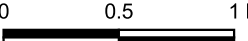
-  Amended Project Footprint
-  Amended Heritage Study Area
-  RNE Listed Item
-  Historic Item

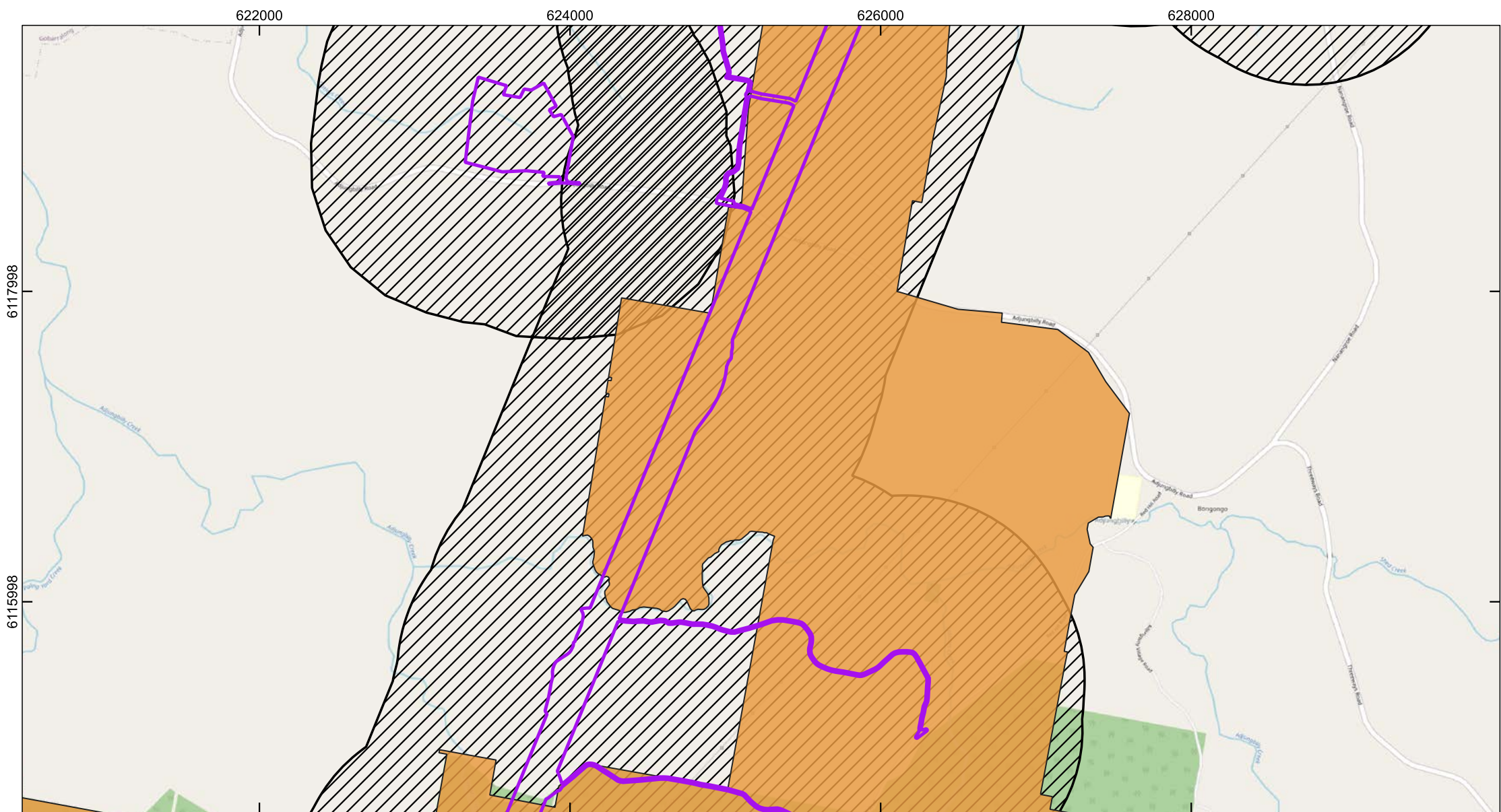



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heritage  
consultants pt. au



0 0.5 1 km






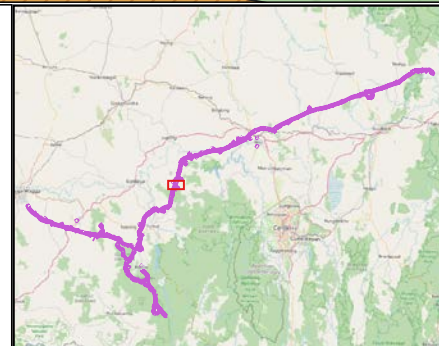



**Humelink - Historic Sites**

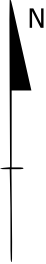
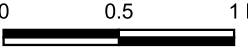
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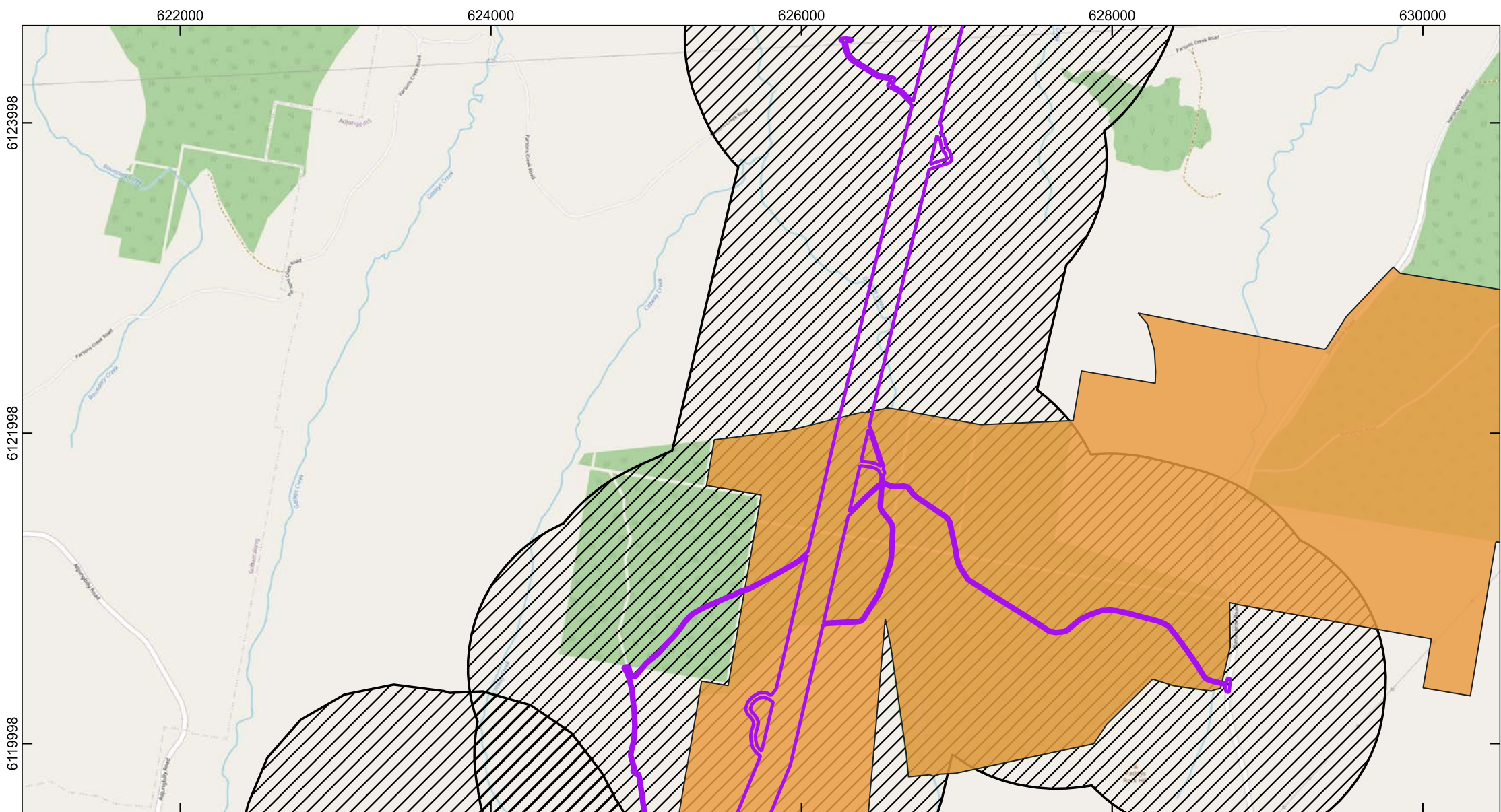
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area
-  RNE Listed Item

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consultants* pt. au






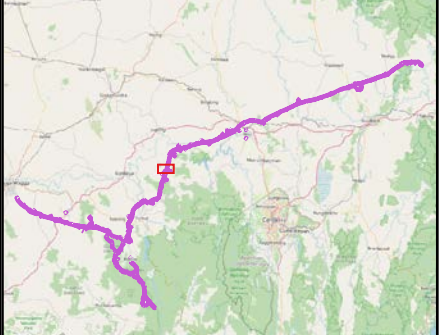
**Humelink - Historic Sites**


NSW Data Service  
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 Author: Ellaine Dickens

Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

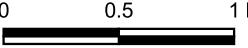
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area
-  RNE Listed Item

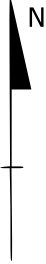




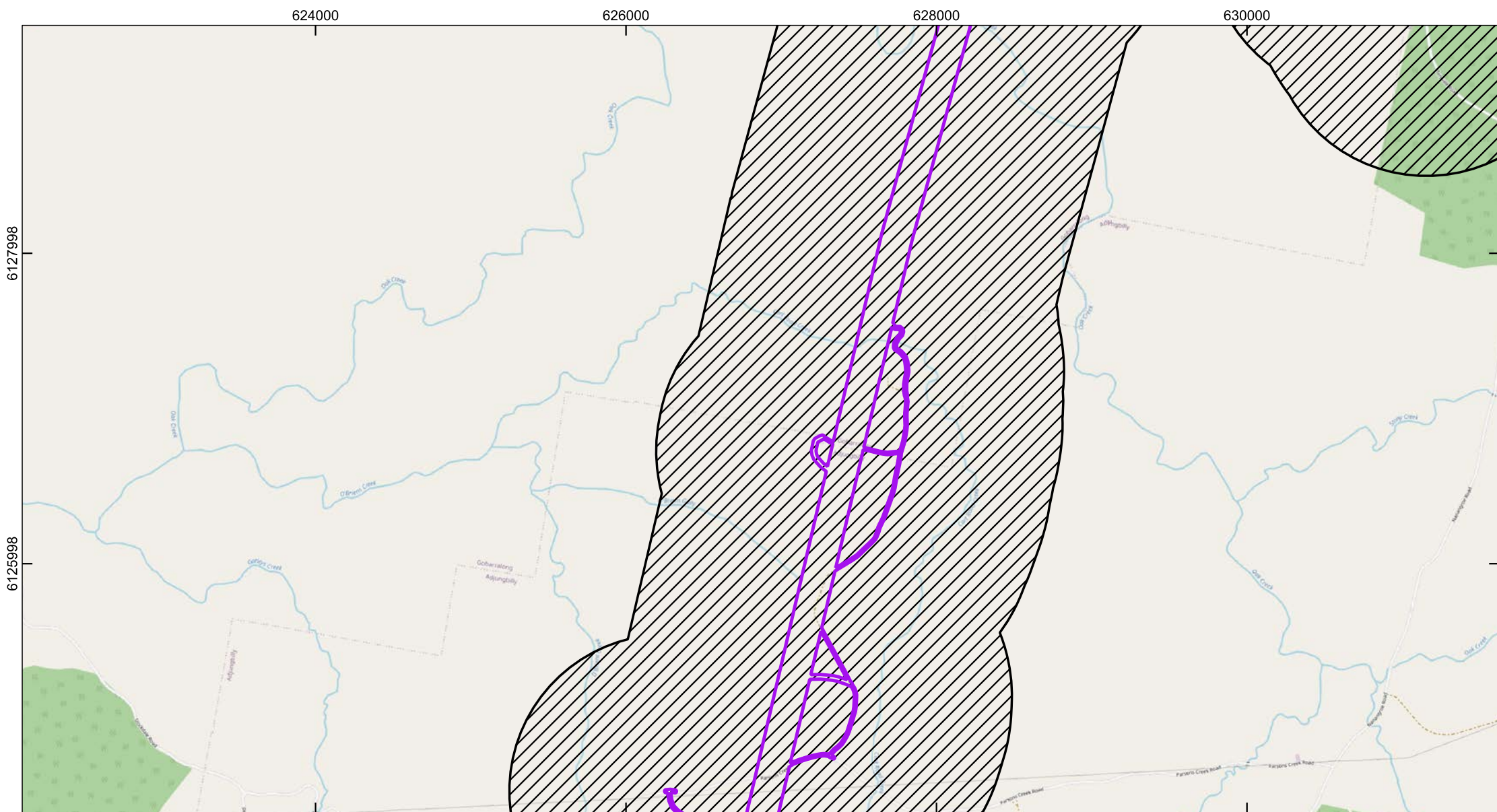
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consultants* PTY LTD



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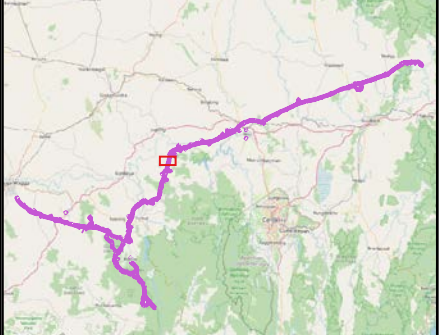
**Humelink - Historic Sites**

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens



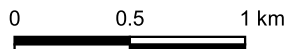
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**Legend**

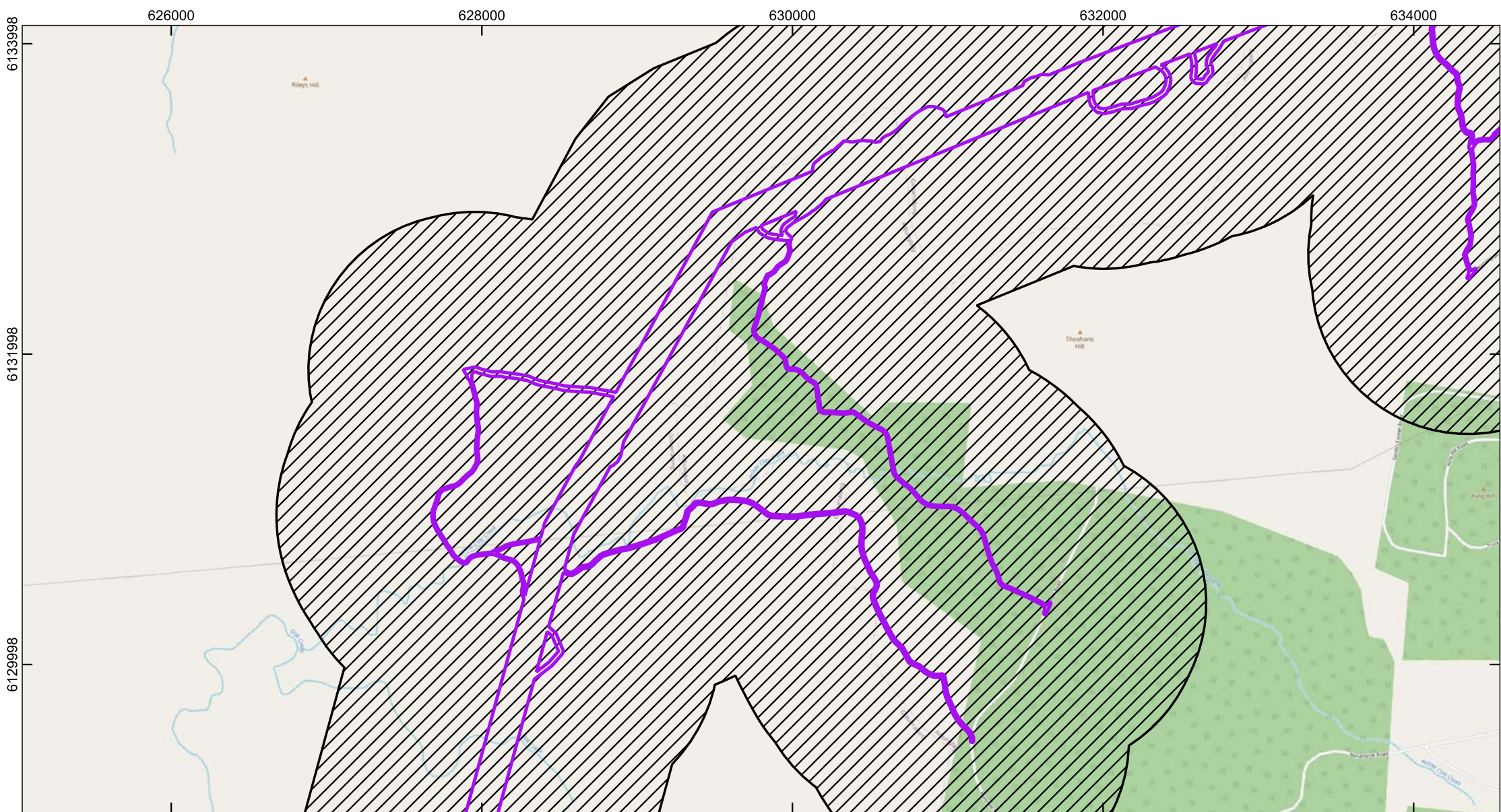
-  Amended Project Footprint
-  Amended Heritage Study Area



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


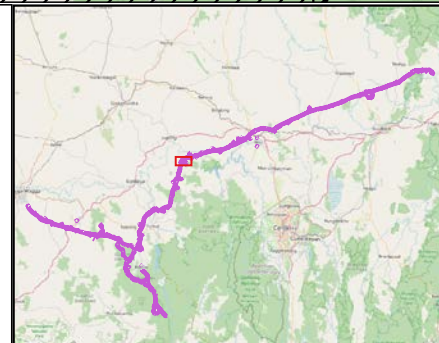


**Humelink - Historic Sites**

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

**Legend**

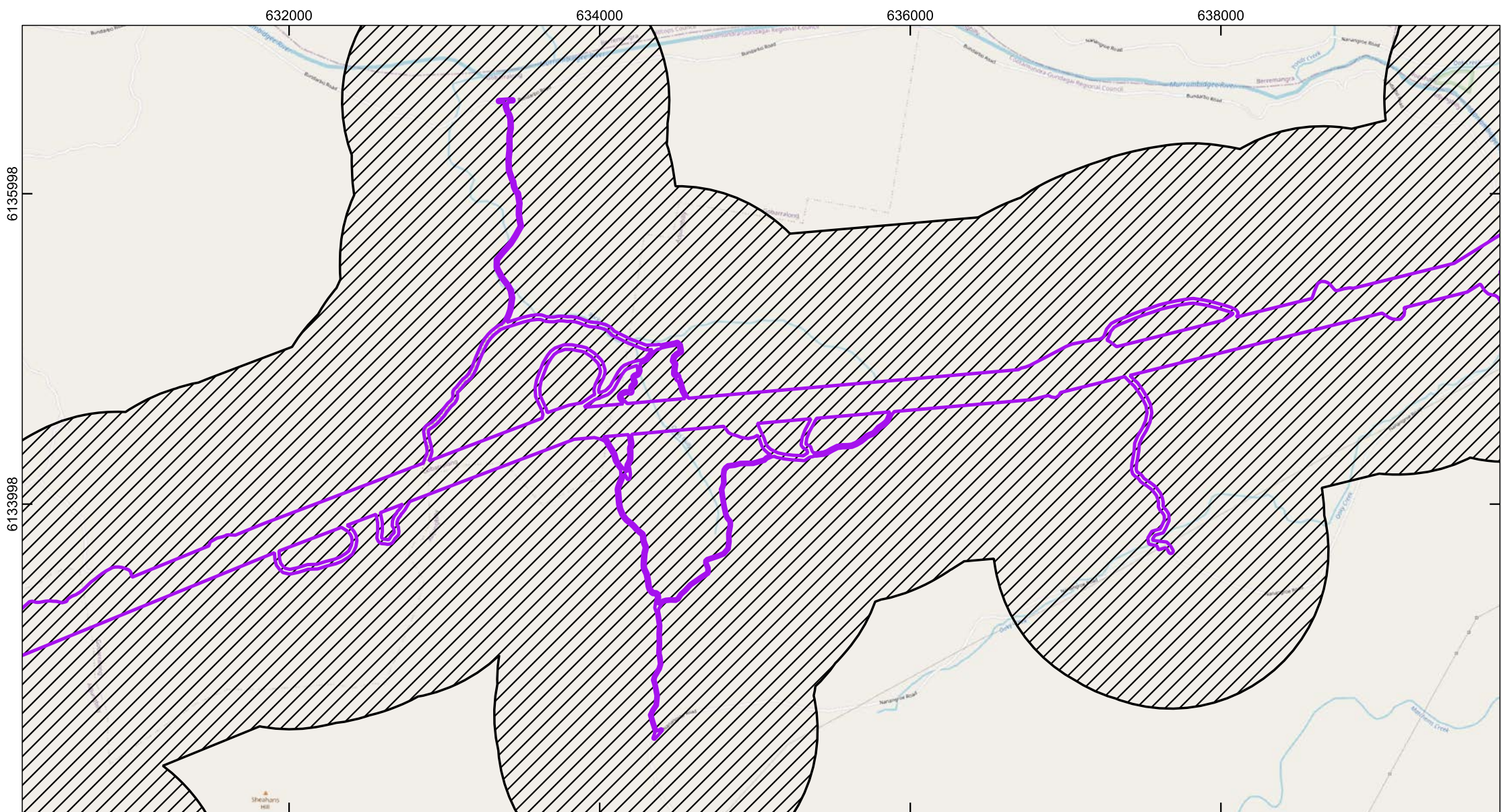
-  Amended Project Footprint
-  Amended Heritage Study Area



**Navin Officer**  
*heritage consultants*

0 0.5 1 km



A north arrow and a scale bar are also present in this section.

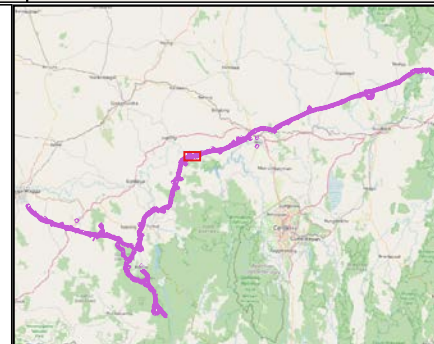



**Humelink - Historic Sites**


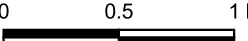
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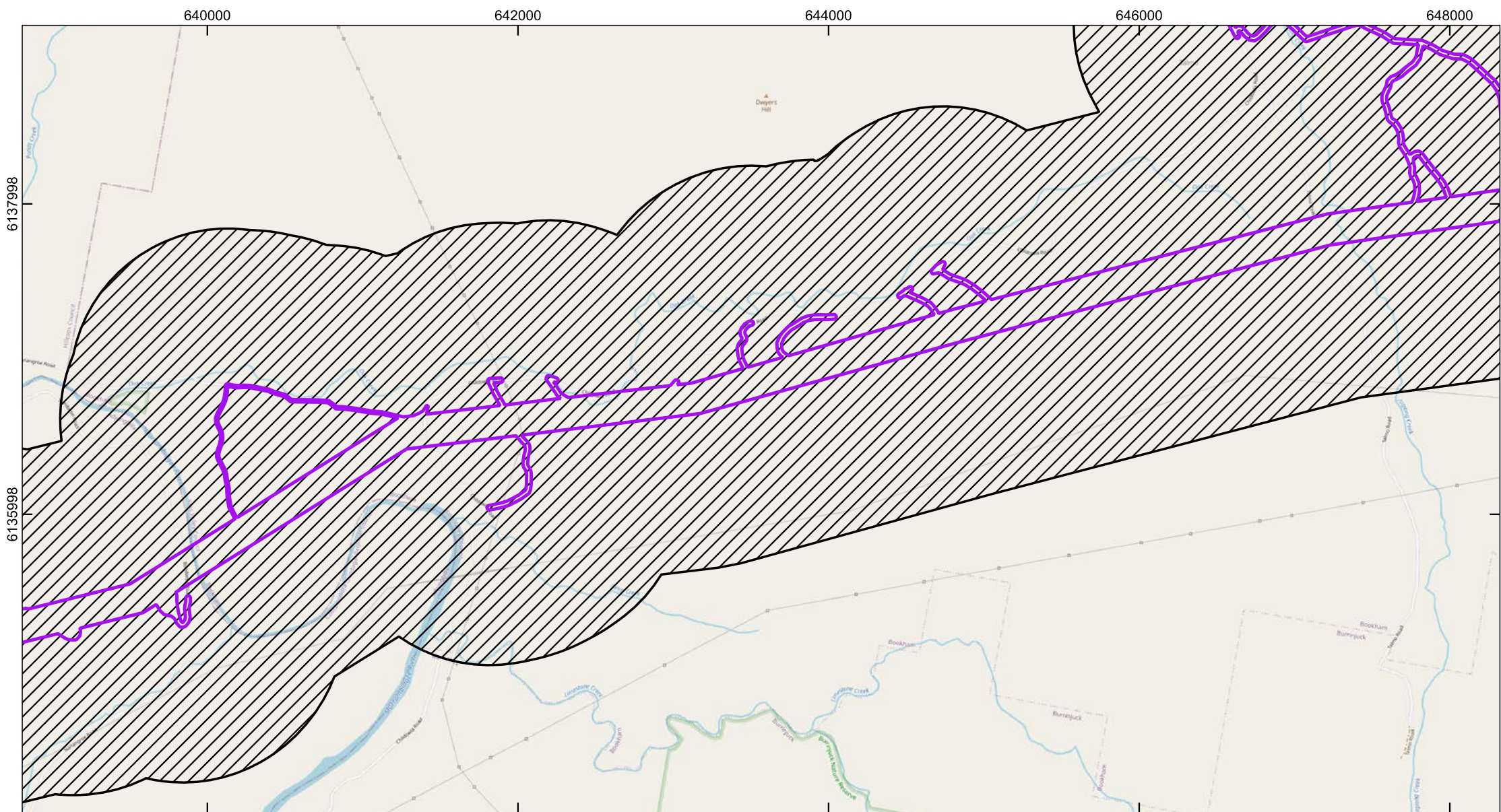
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area

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consultants* pt. au







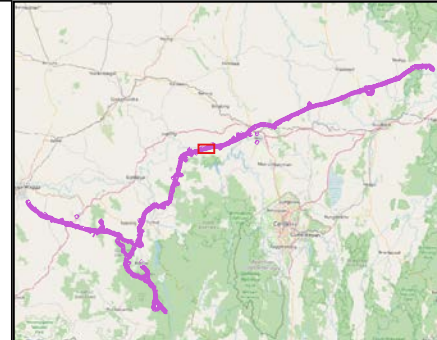


Humelink - Historic Sites

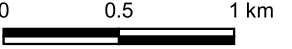
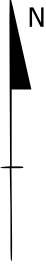
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Author: Ellaine Dickens  
Projection: GDA2020  
MGA Zone:  
Scale: 1:32,782.873293

Legend

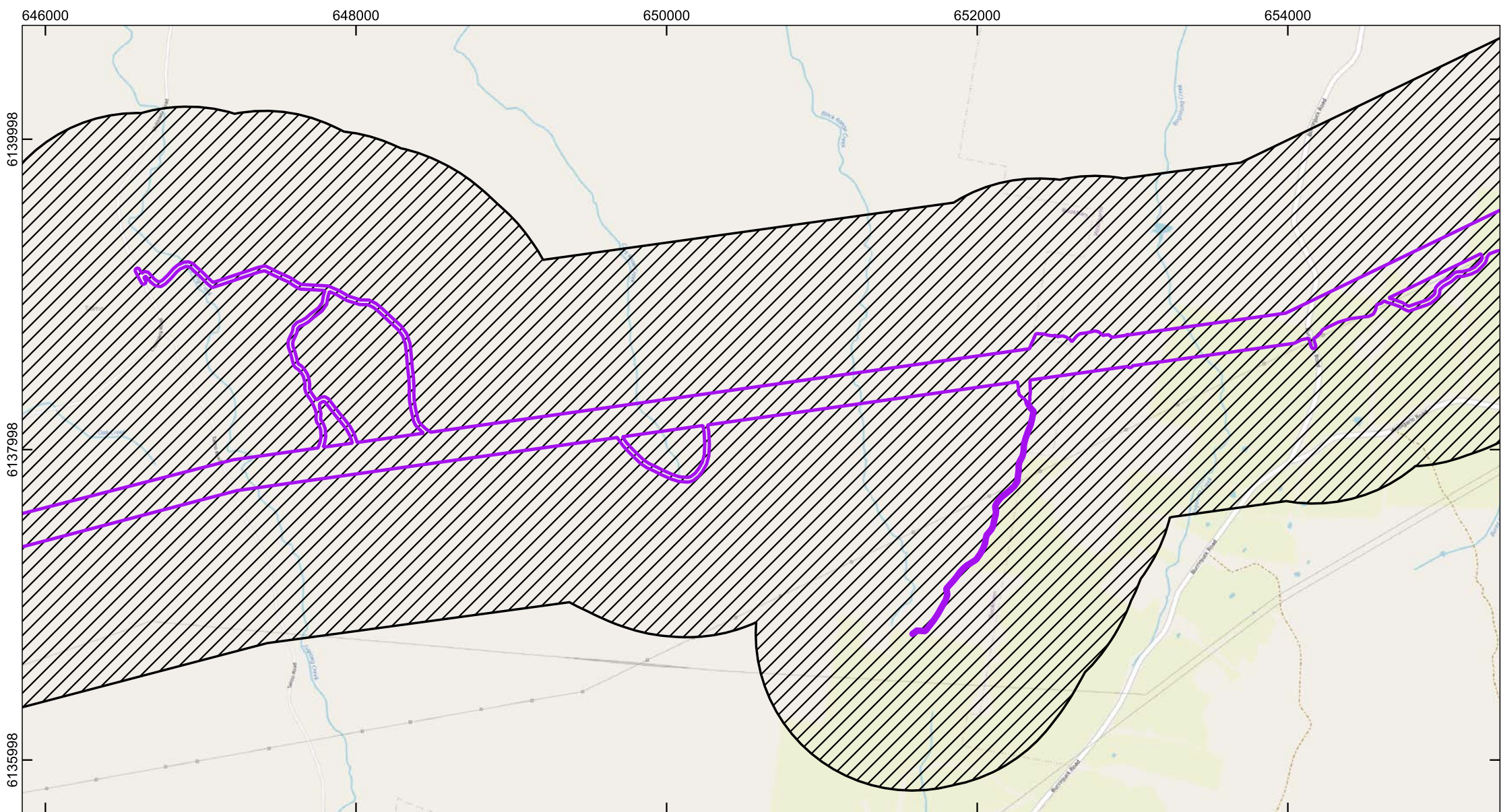
-  Amended Project Footprint
-  Amended Heritage Study Area



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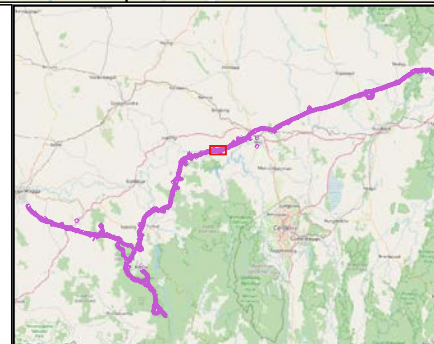



**Humelink - Historic Sites**

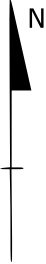
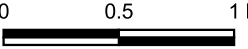
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 Author: Ellaine Dickens  
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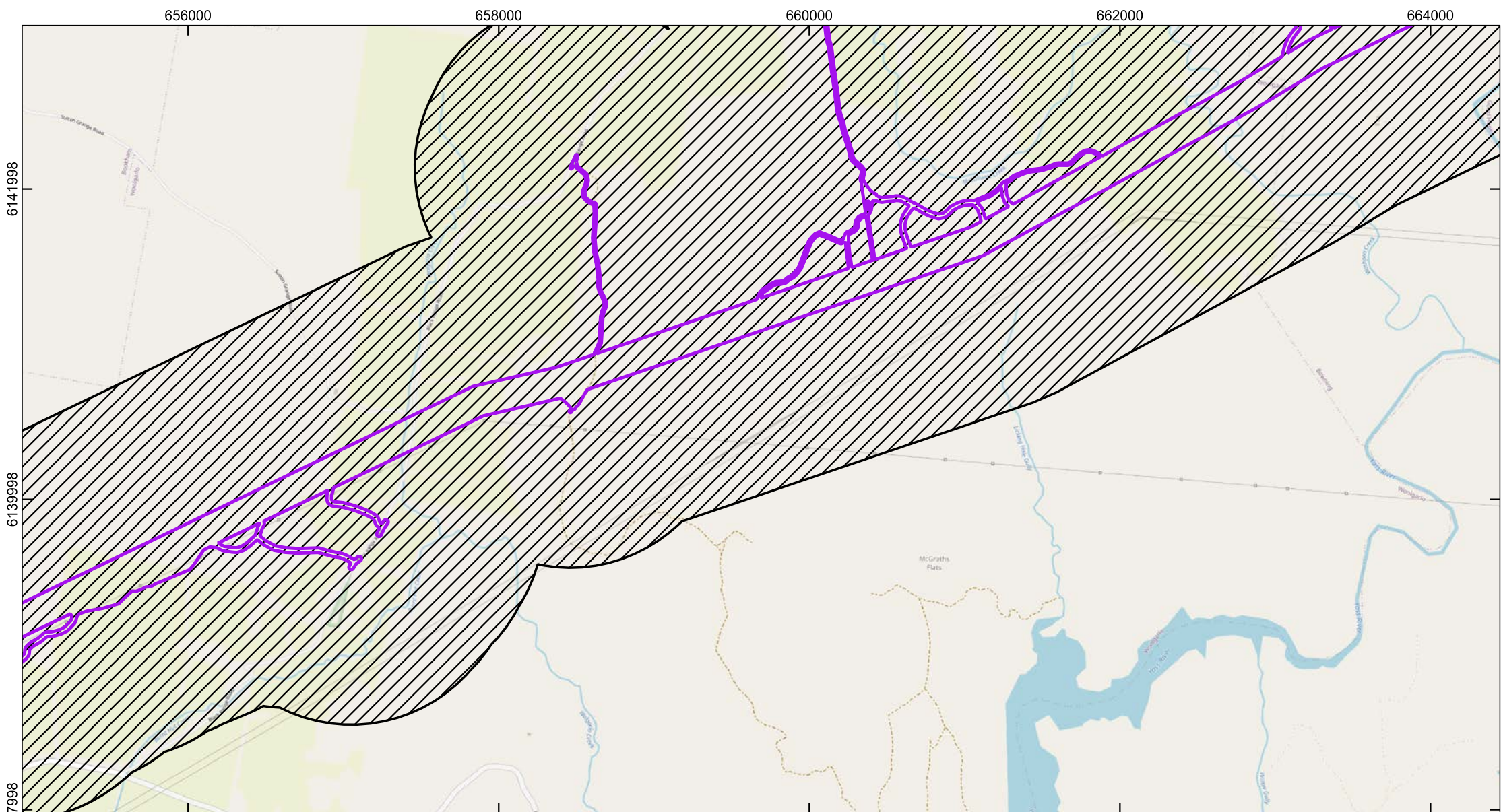
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area

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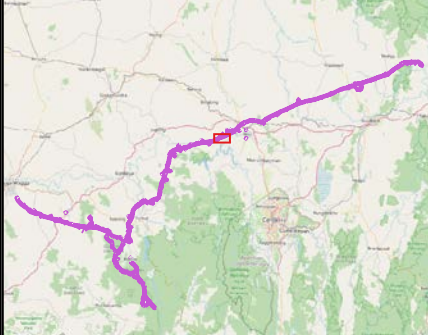
**Humelink - Historic Sites**


NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens

Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293


**Legend**


-  Amended Project Footprint
-  Amended Heritage Study Area



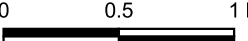


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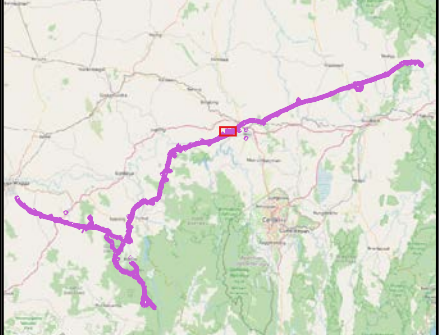
**Humelink - Historic Sites**


NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens

Projection: GDA2020  
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**Legend**

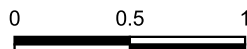
-  Amended Project Footprint
-  Amended Heritage Study Area
-  Historic Item



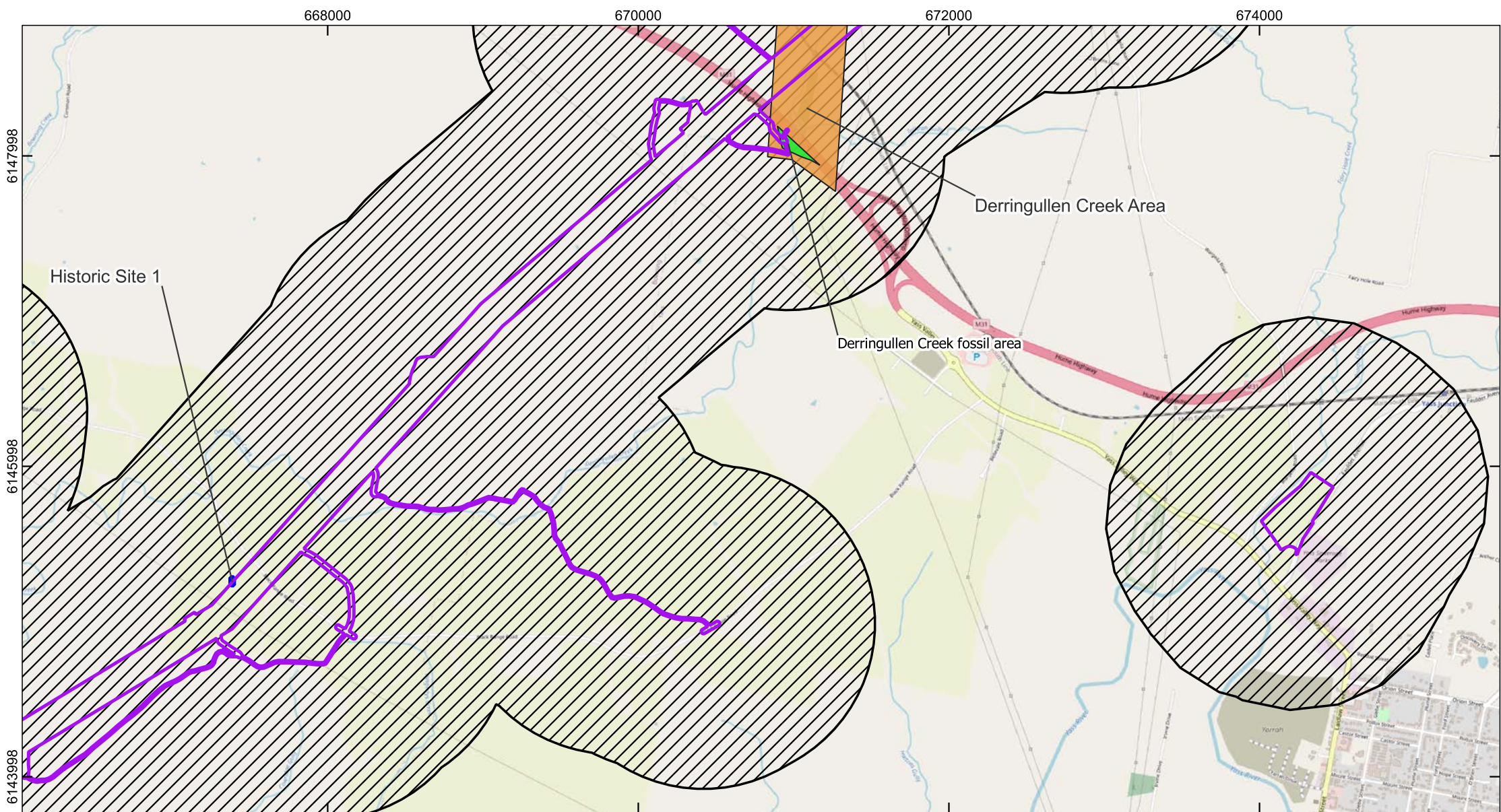


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Officer**  
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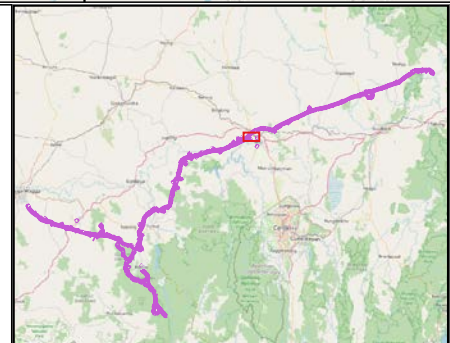

0      0.5      1 km




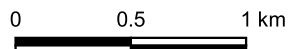
**Humelink - Historic Sites**

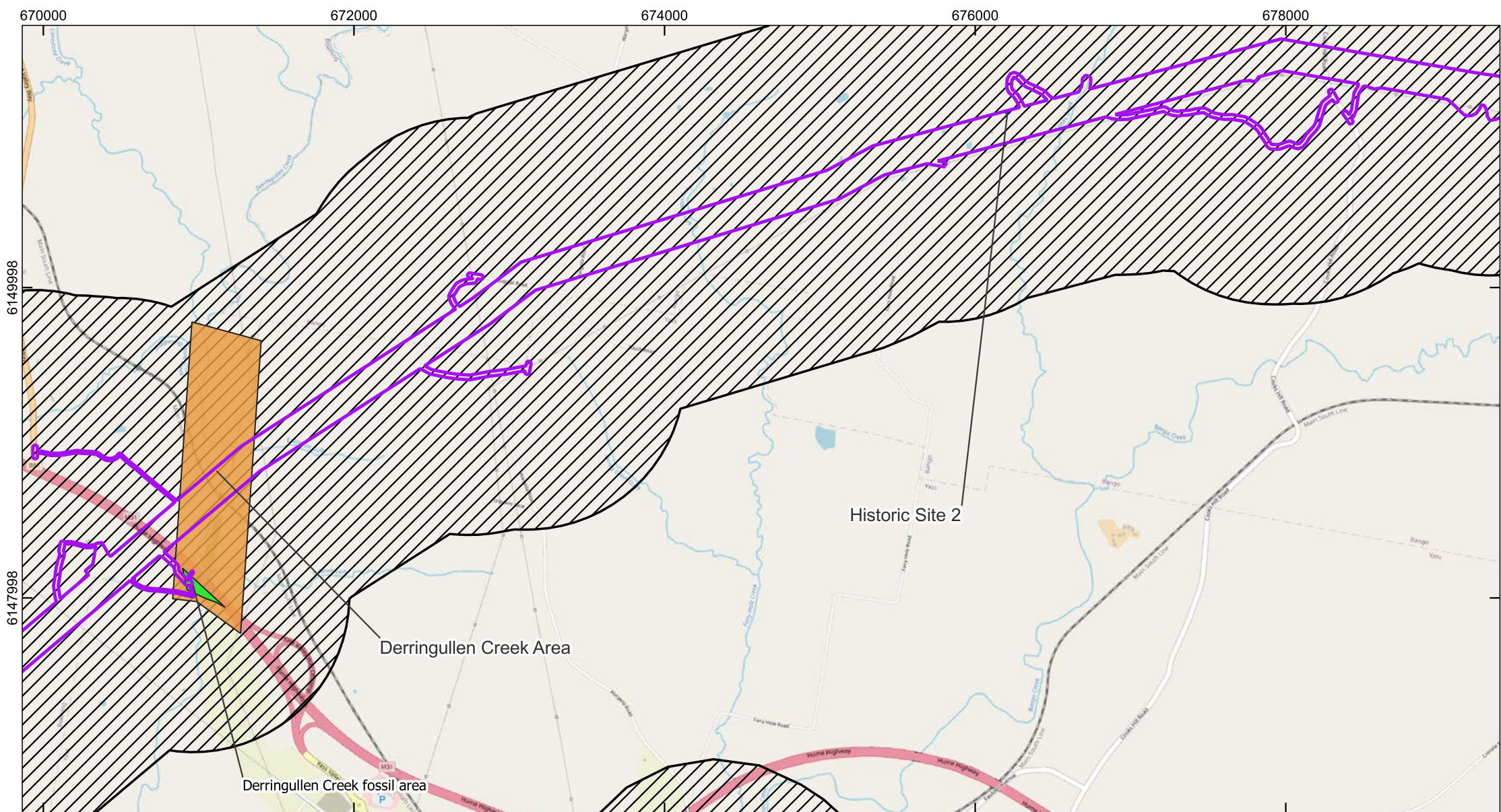
NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

- Legend**
-  Amended Project Footprint
  -  Amended Heritage Study Area
  -  LEP Listed item
  -  RNE Listed Item
  -  Historic Item

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consultants* PTY LTD








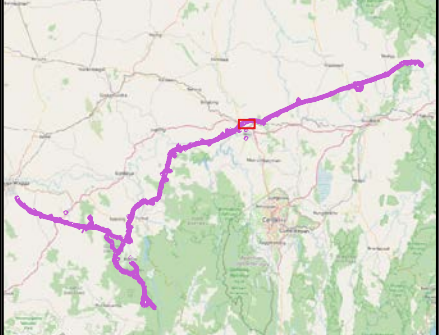
Humelink - Historic Sites

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens

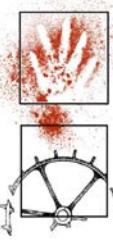

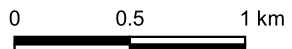
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 MGA Zone:  
 Scale: 1:32,782.873293

**Legend**

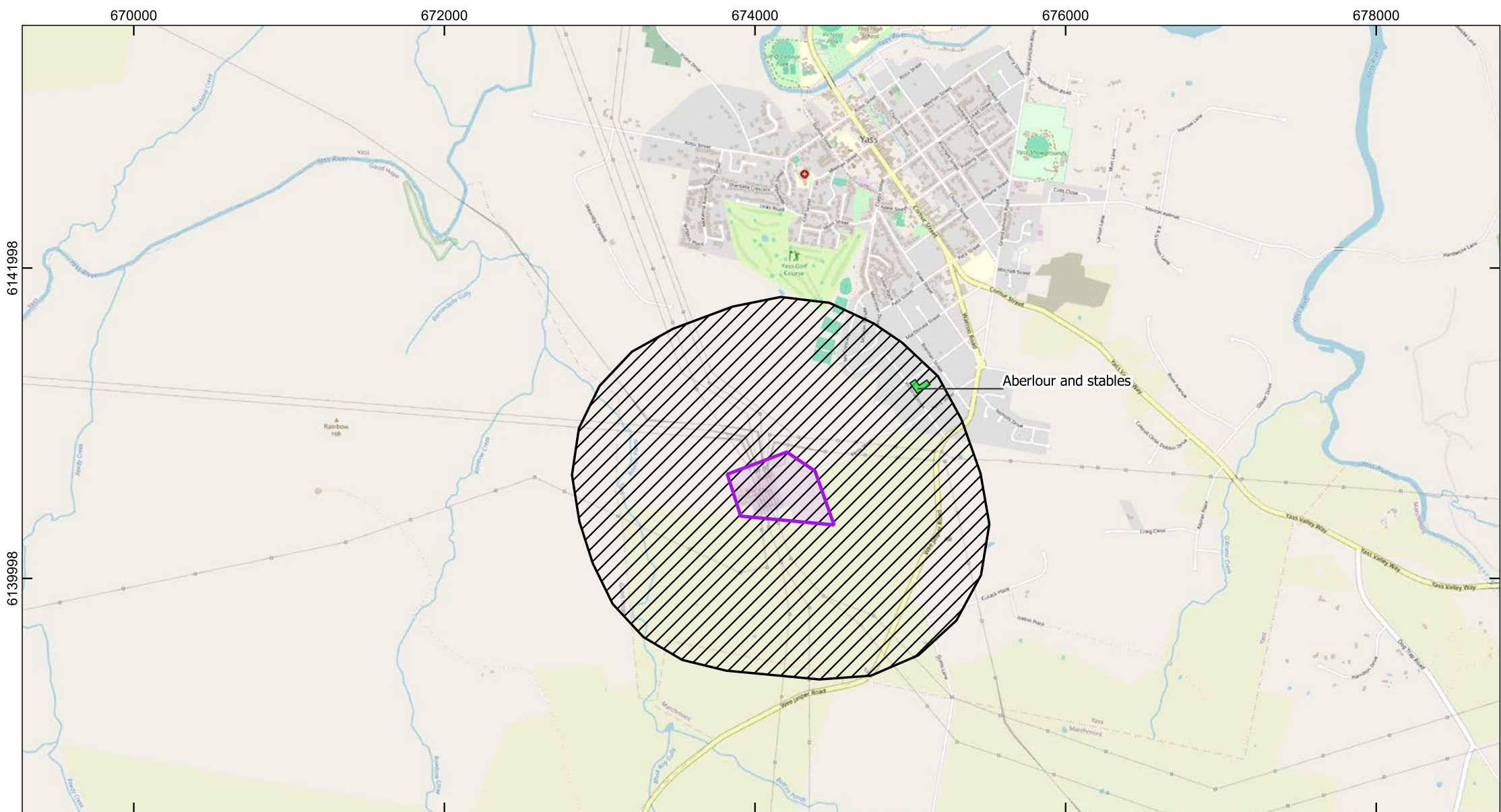
-  Amended Project Footprint
-  Amended Heritage Study Area
-  LEP Listed item
-  RNE Listed Item
-  Historic Item



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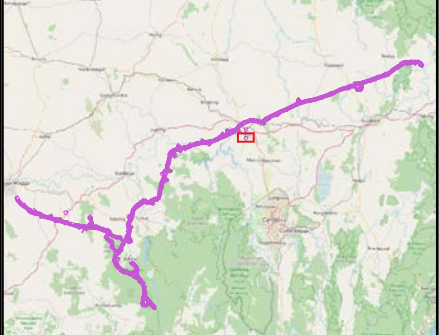



Humelink - Historic Sites

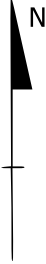
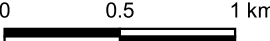
NSW Data Service  
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 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

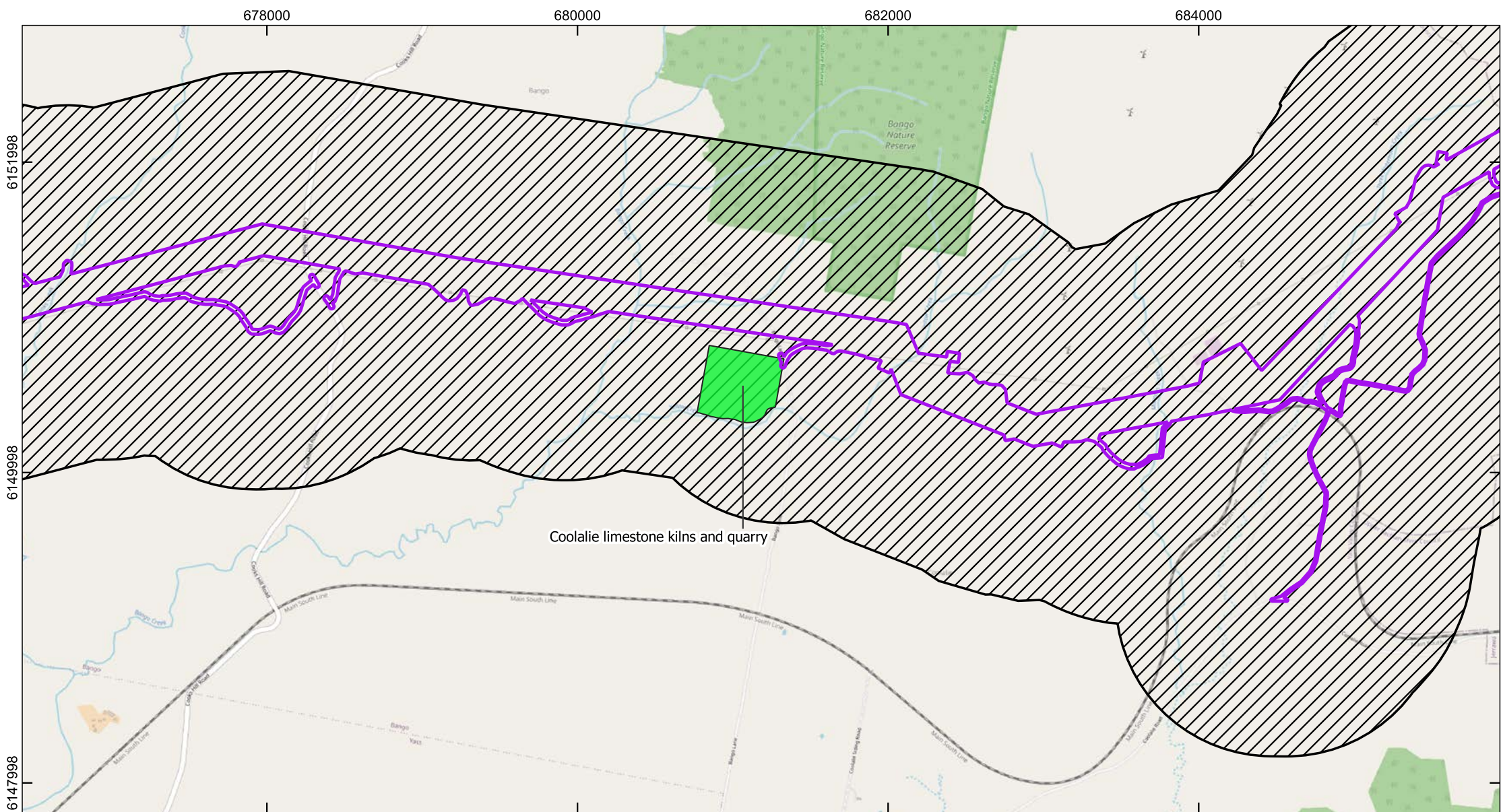
Legend

-  Amended Project Footprint
-  Amended Heritage Study Area
-  LEP Listed item

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consultants pt. au






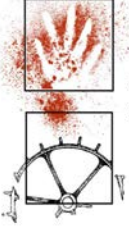
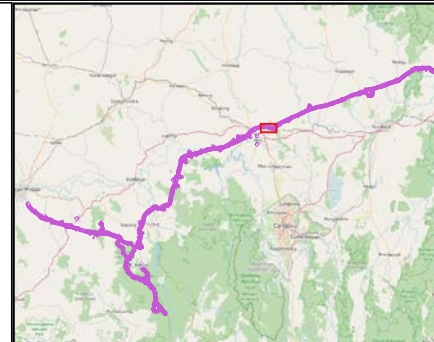
### Humelink - Historic Sites

NSW Data Service  
Date: 16-01-2024  
Author: Ellaine Dickens


Projection: GDA2020  
MGA Zone:  
Scale: 1:32,782.873293

#### Legend

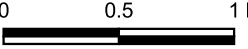
-  Amended Project Footprint
-  Amended Heritage Study Area
-  LEP Listed item

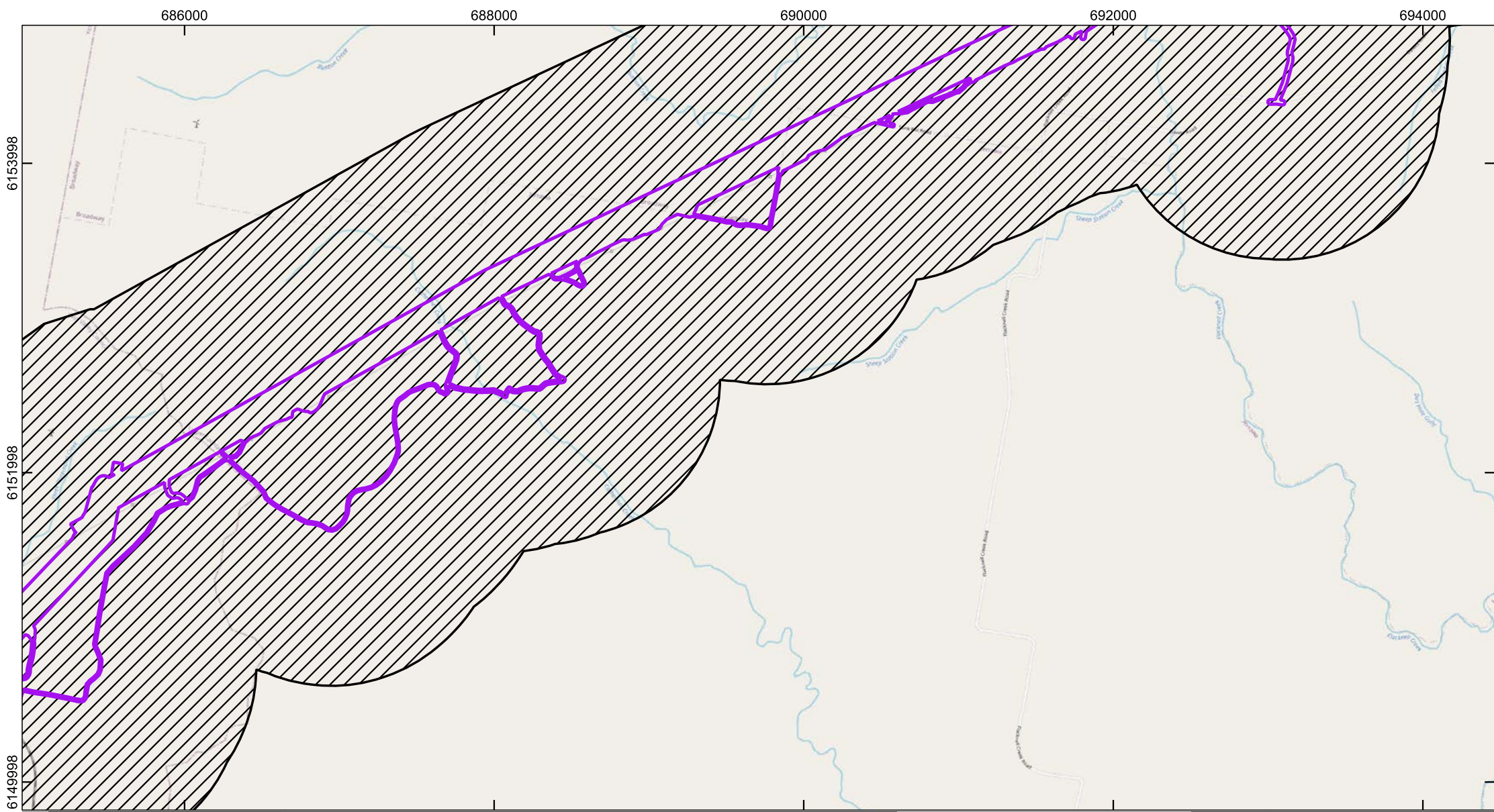


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0 0.5 1 km





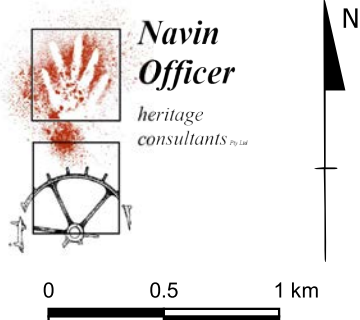
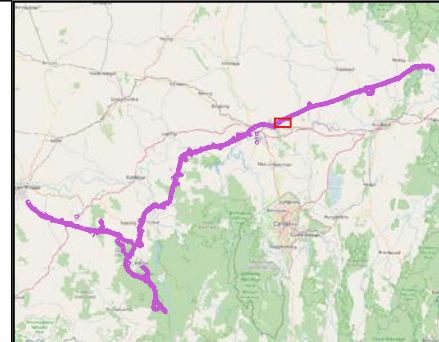


### Humelink - Historic Sites

NSW Data Service  
Date: 16-01-2024  
Author: Ellaine Dickens  
Projection: GDA2020  
MGA Zone:  
Scale: 1:32,782.873293

### Legend

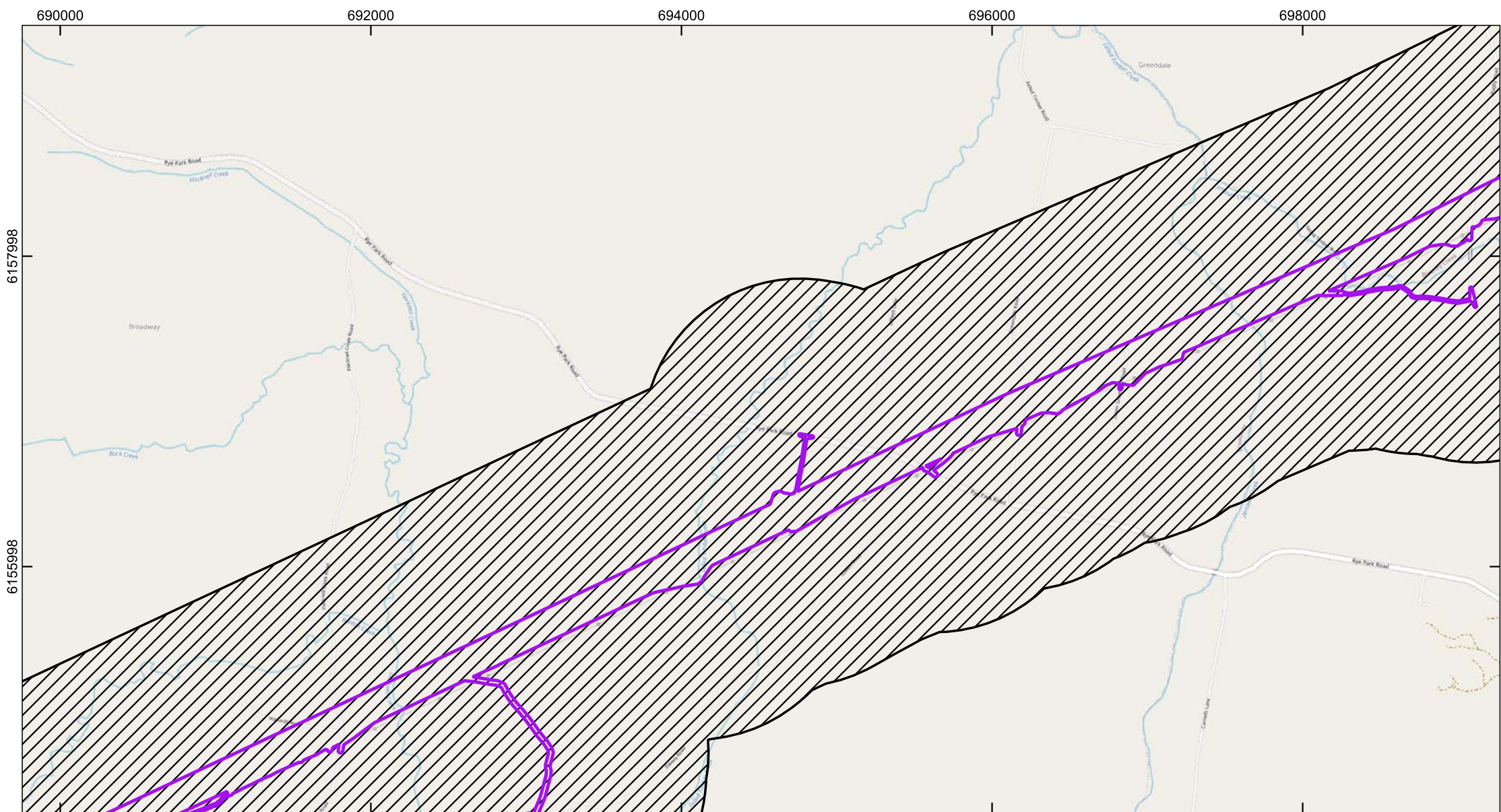
-  Amended Project Footprint
-  Amended Heritage Study Area



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0 0.5 1 km



A north arrow and a scale bar are also present in this block.

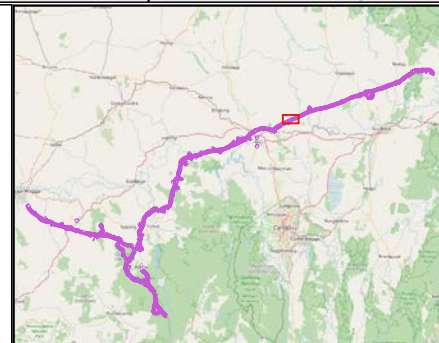



**Humelink - Historic Sites**

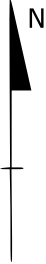
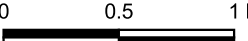
NSW Data Service  
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 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

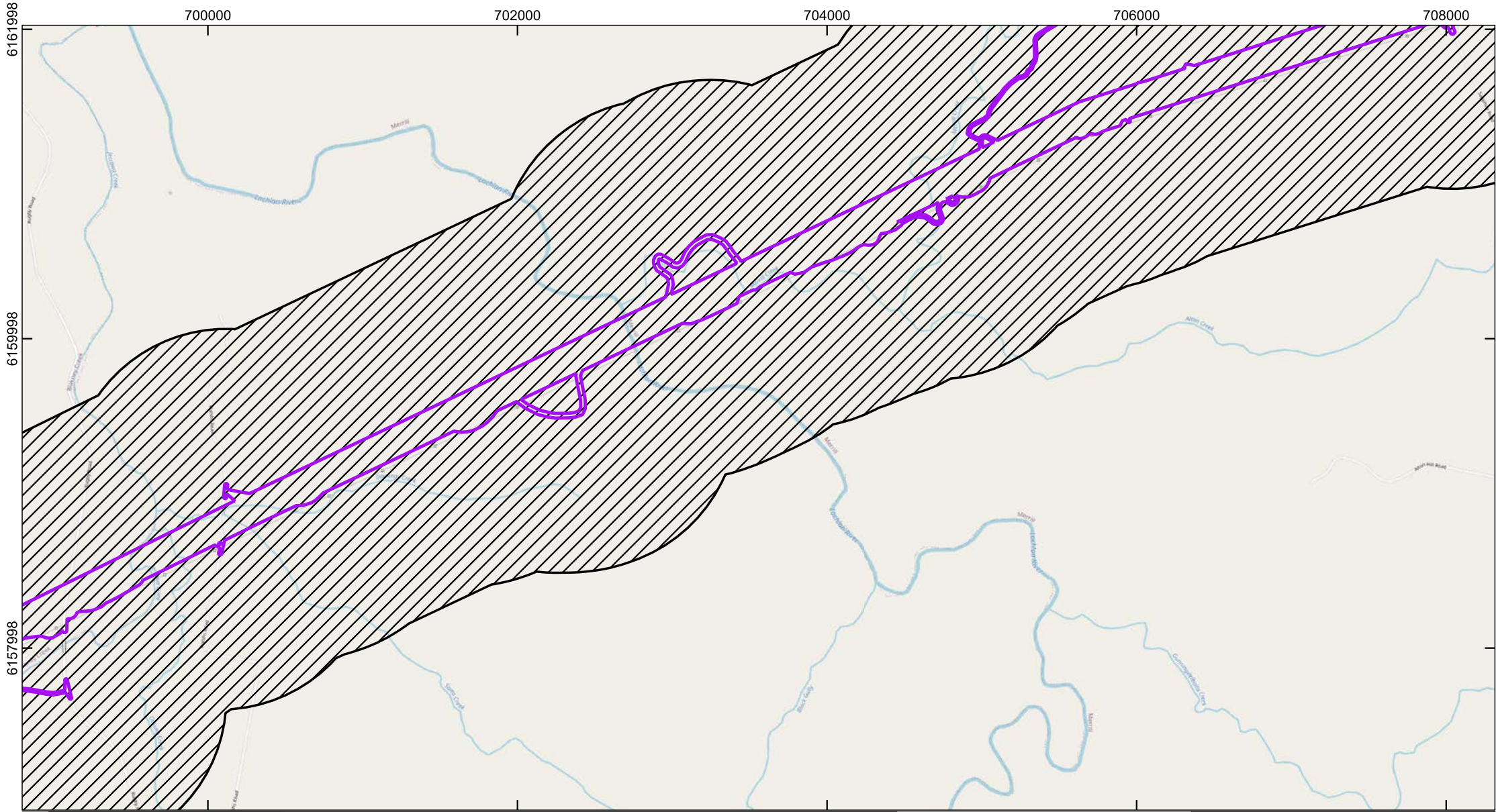
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area

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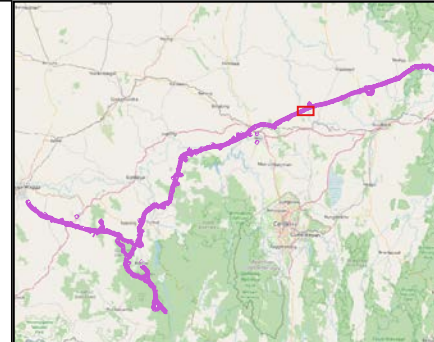



**Humelink - Historic Sites**

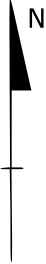
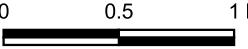
NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
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 Scale: 1:32,782.873293

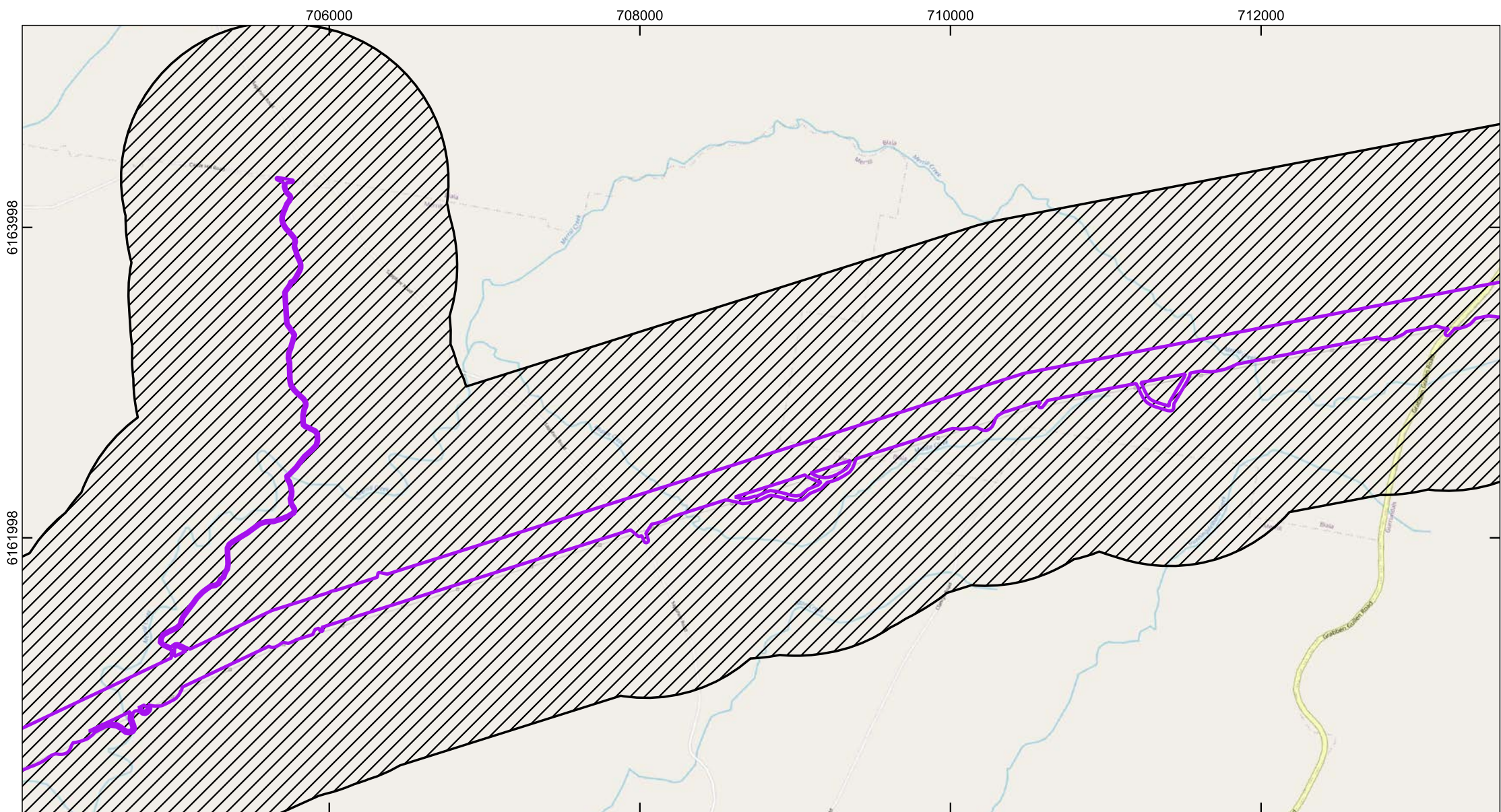
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area

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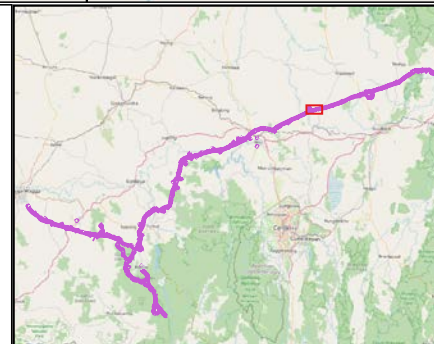



**Humelink - Historic Sites**

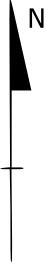
NSW Data Service  
 Date: 16-01-2024  
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 MGA Zone:  
 Scale: 1:32,782.873293

**Legend**

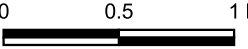
-  Amended Project Footprint
-  Amended Heritage Study Area

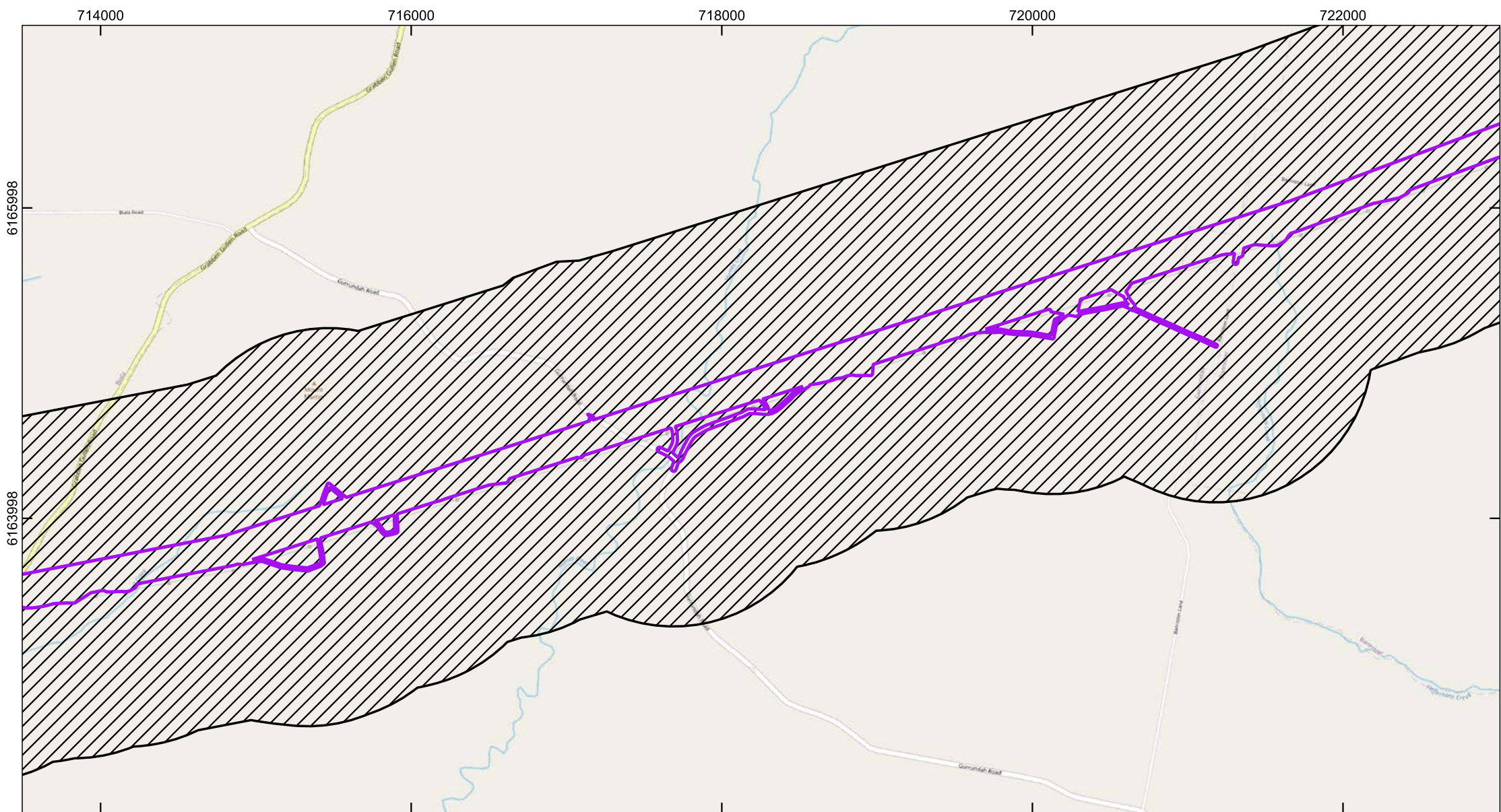



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0 0.5 1 km





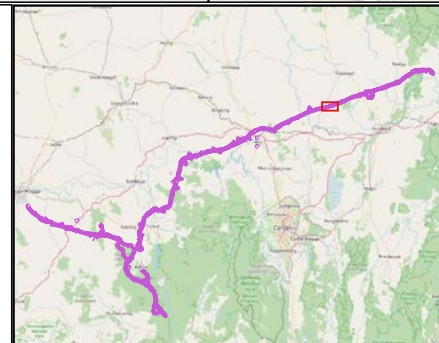



**Humelink - Historic Sites**

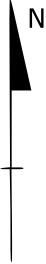
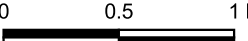
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 Projection: GDA2020  
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 Scale: 1:32,782.873293

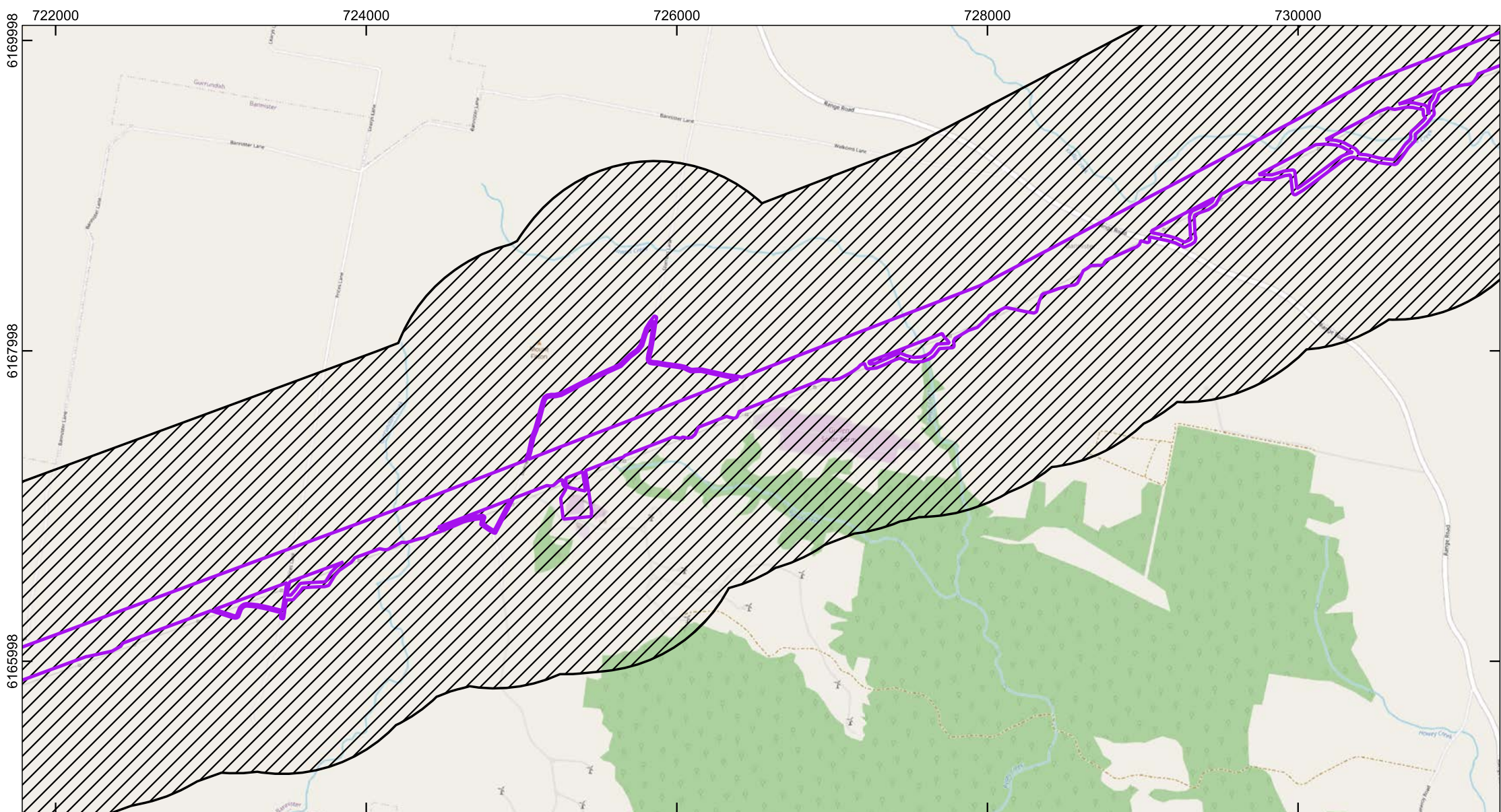
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area

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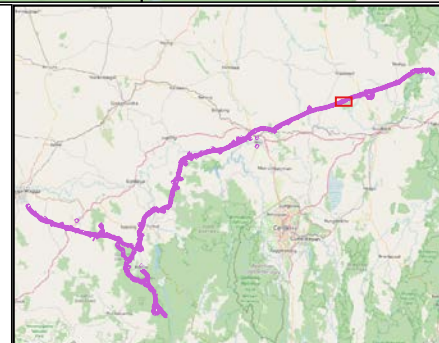



**Humelink - Historic Sites**


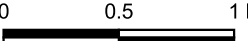
NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

**Legend**

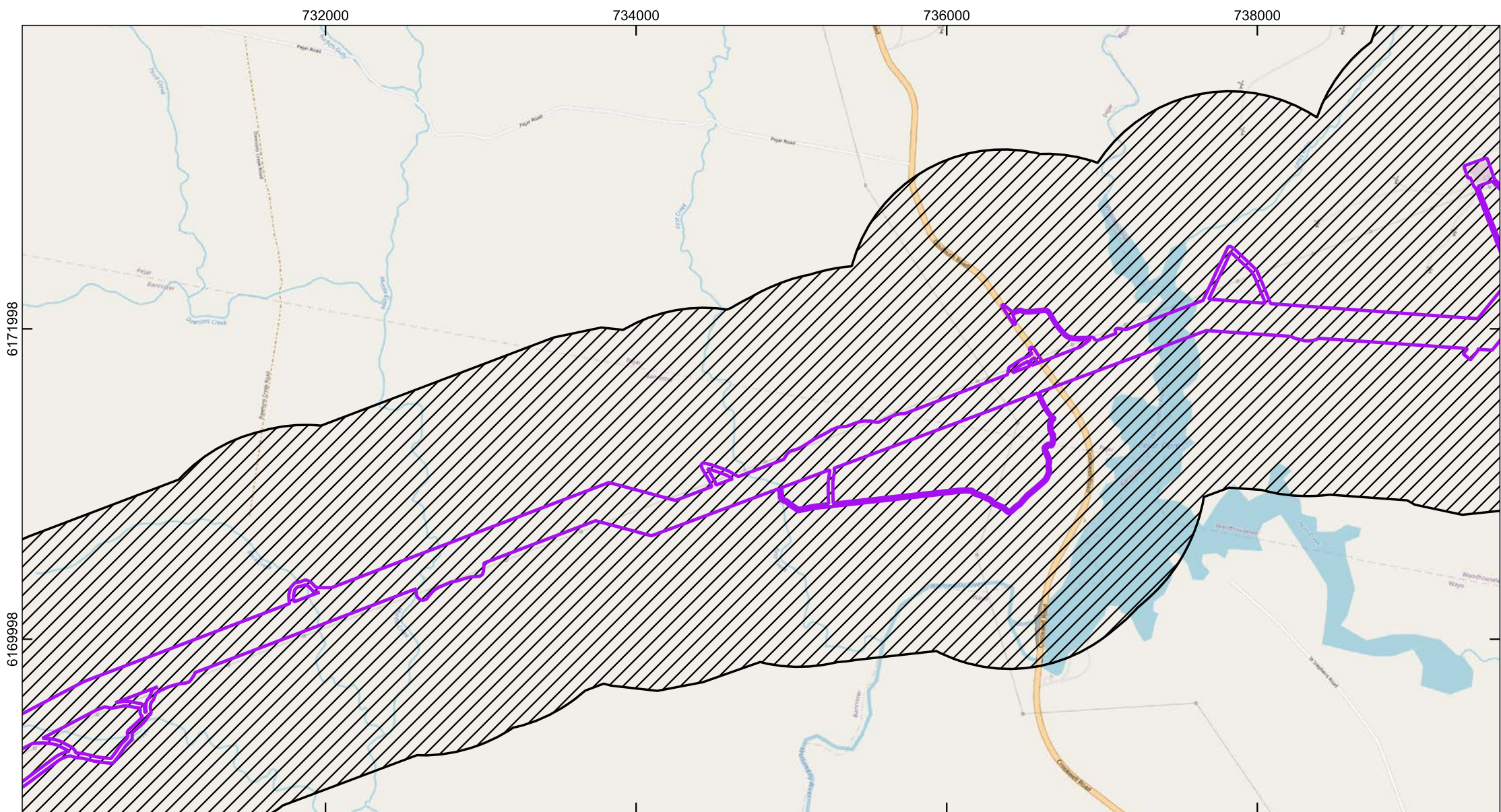
-  Amended Project Footprint
-  Amended Heritage Study Area

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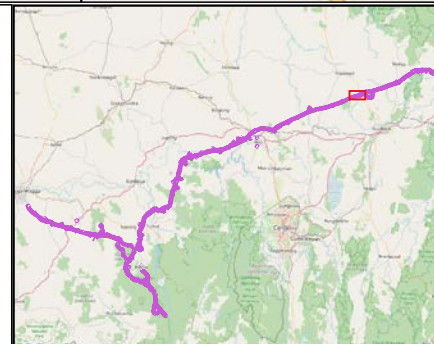


**Humelink - Historic Sites**

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

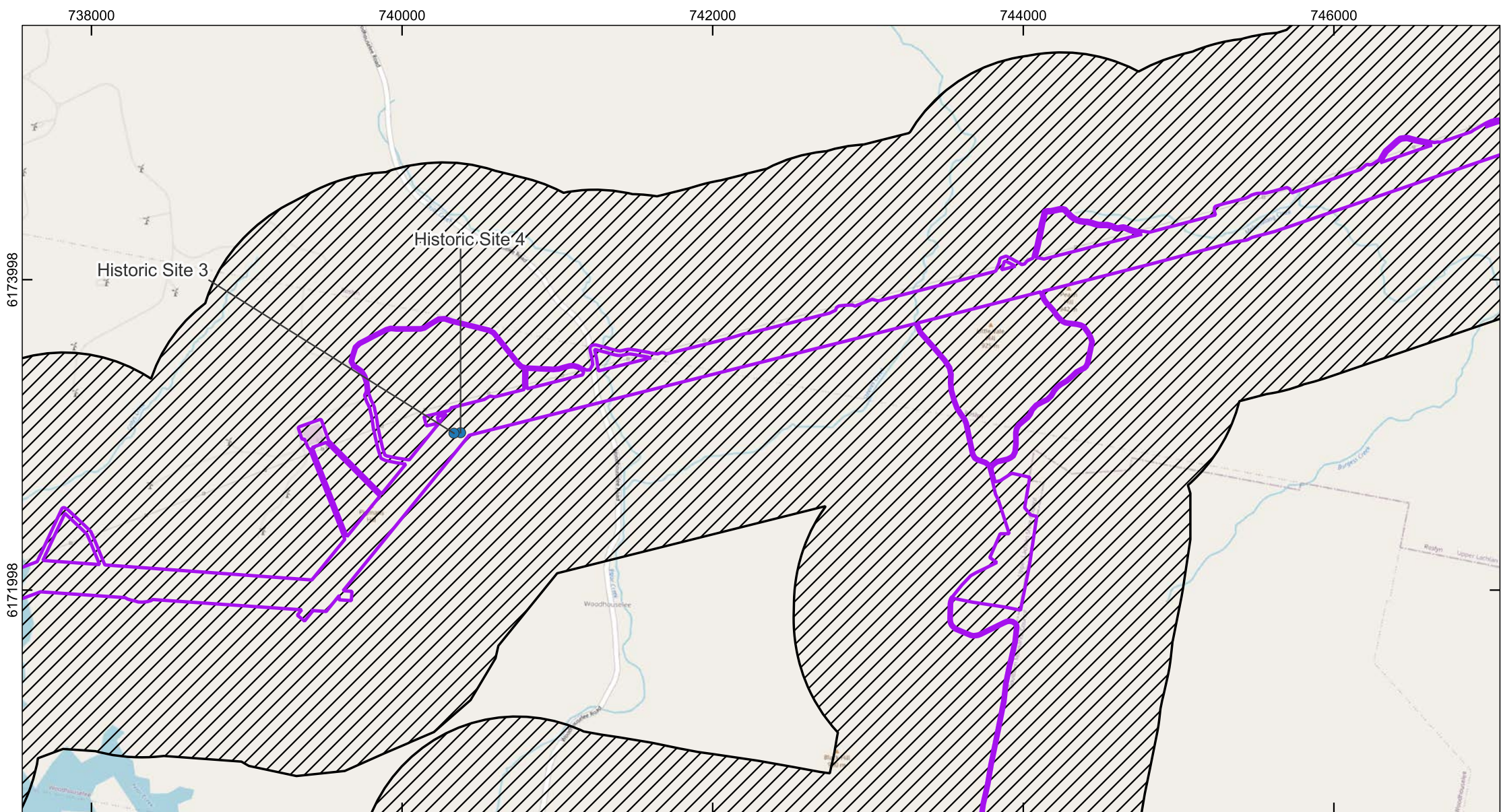
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area



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*heritage consultants*

A north arrow is positioned to the right of the logo. Below the logo is a scale bar marked with 0, 0.5, and 1 km.






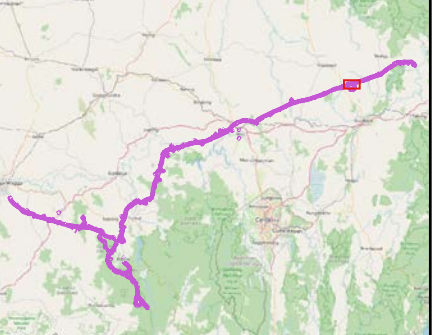
**Humelink - Historic Sites**


NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens

Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

**Legend**


-  Amended Project Footprint
-  Amended Heritage Study Area
-  Historic item



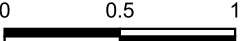


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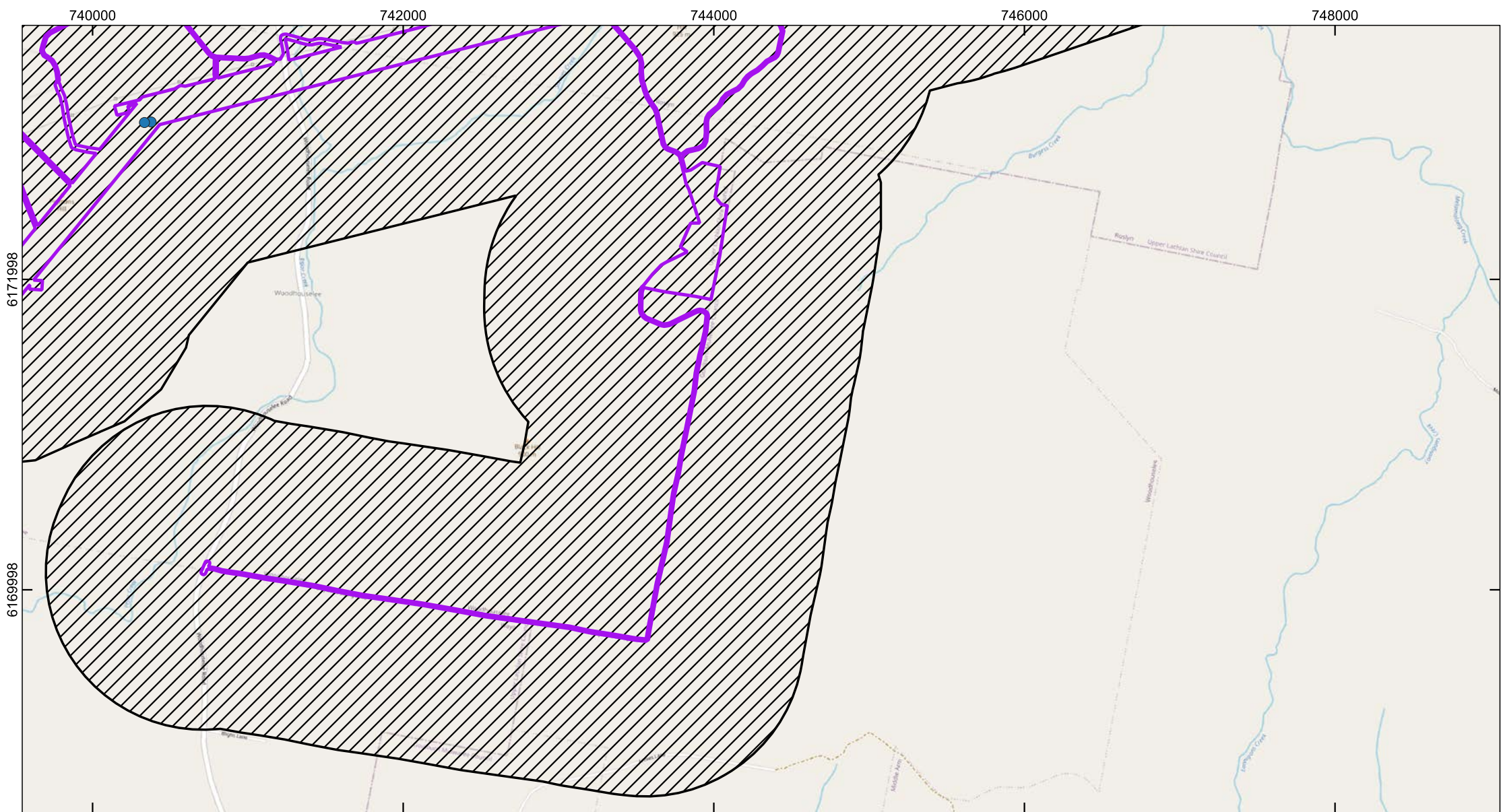
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consultants* pt. au



N






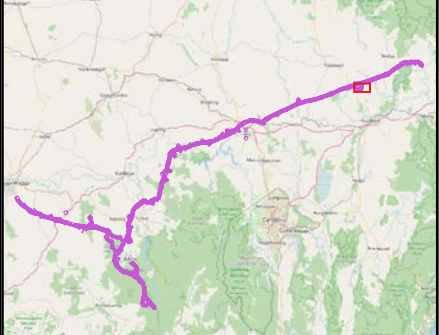
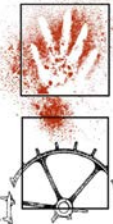
0 0.5 1 km



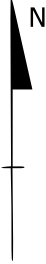
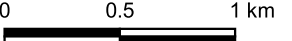
**Humelink - Historic Sites**

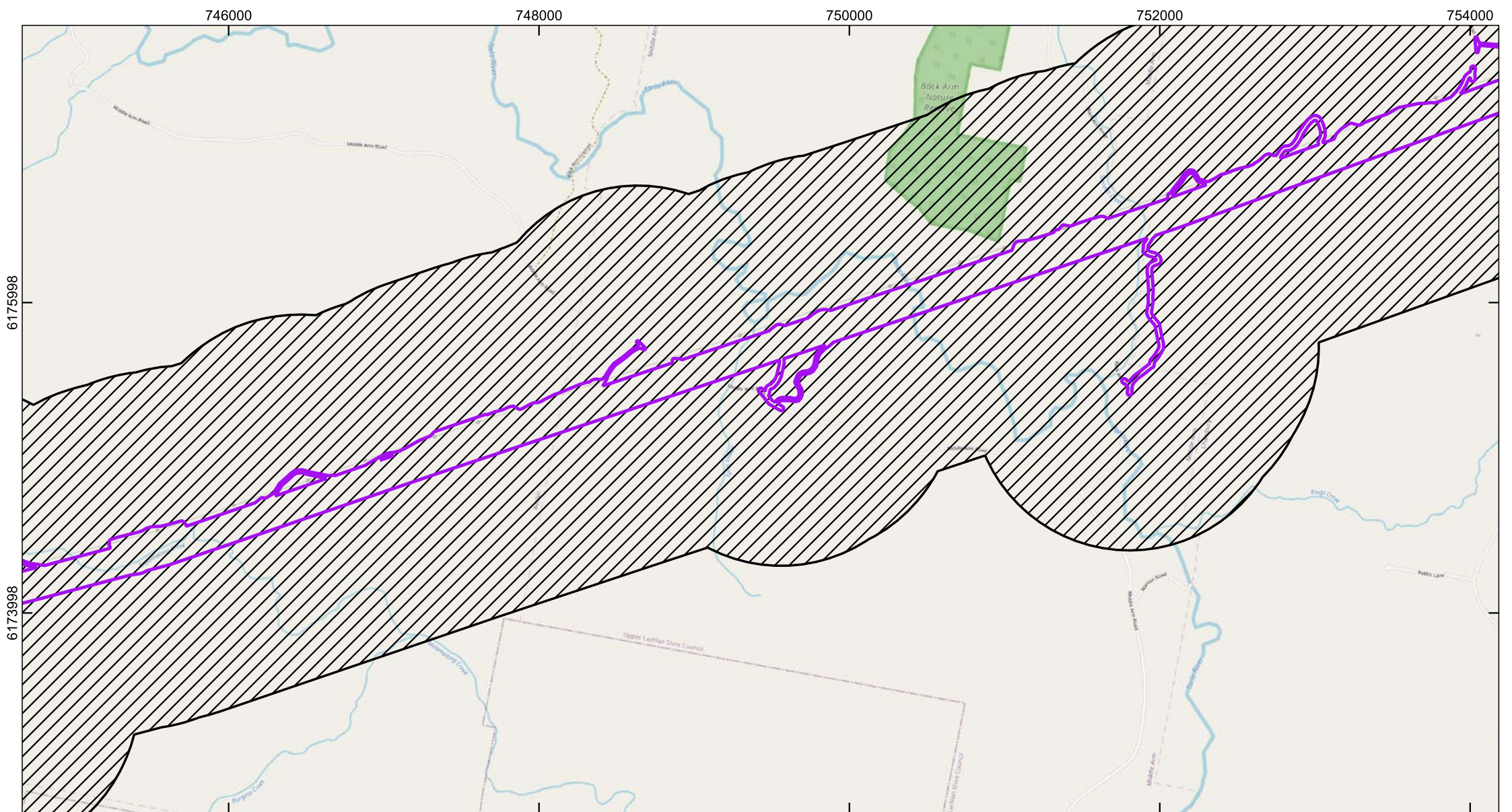
NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

- Legend**
-  Amended Project Footprint
  -  Amended Heritage Study Area
  -  Historic item

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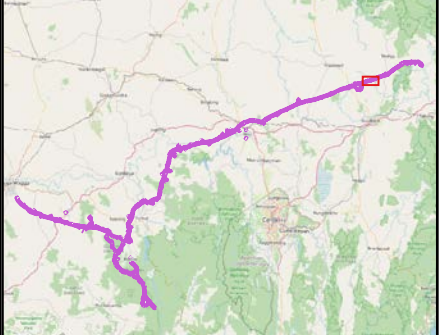

Humelink - Historic Sites

NSW Data Service  
Date: 16-01-2024  
Author: Ellaine Dickens

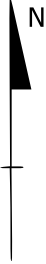
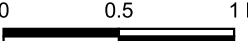
Projection: GDA2020  
MGA Zone:  
Scale: 1:32,782.873293

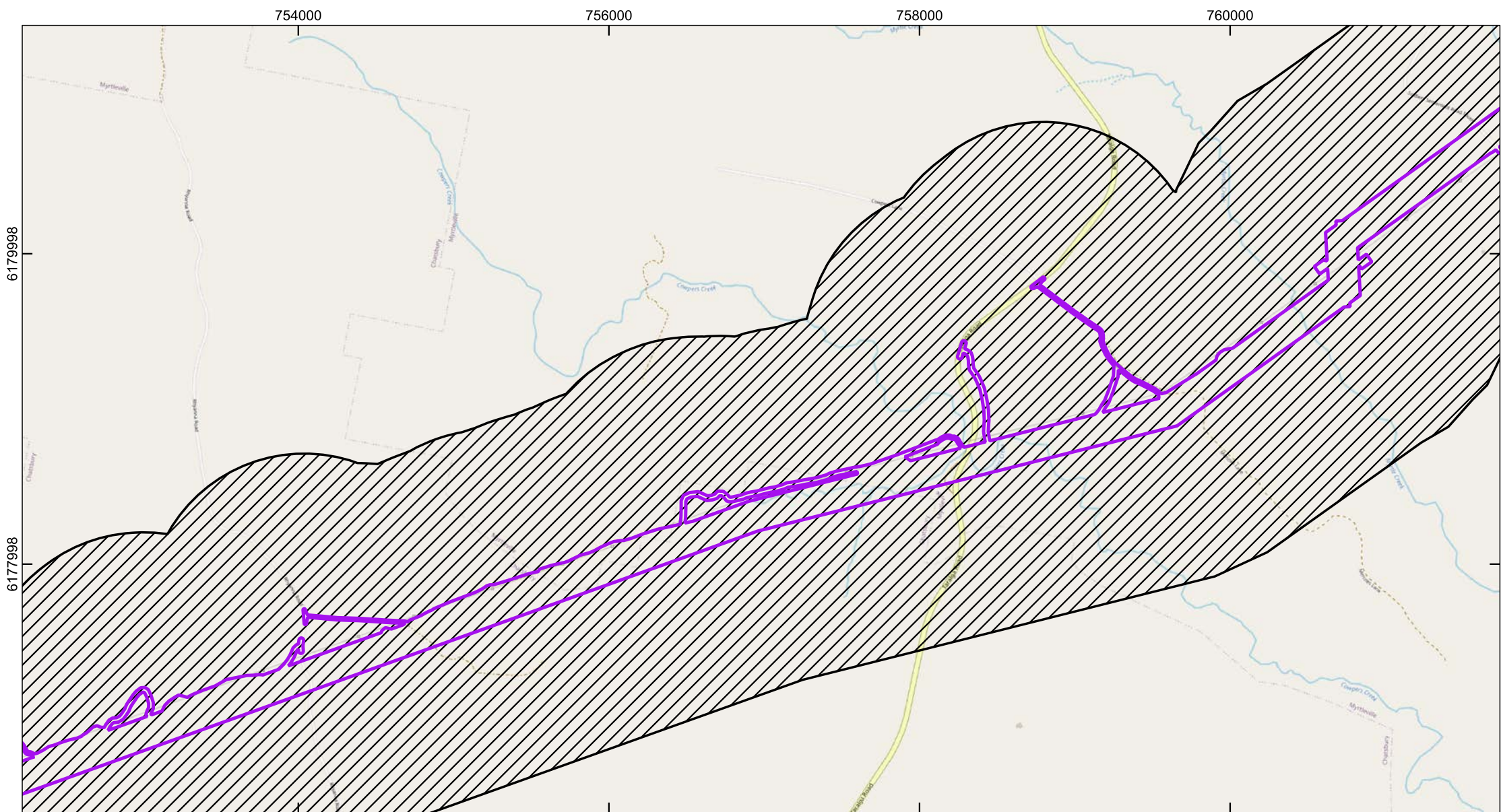
Legend

-  Amended Project Footprint
-  Amended Heritage Study Area

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consultants* PTY LTD






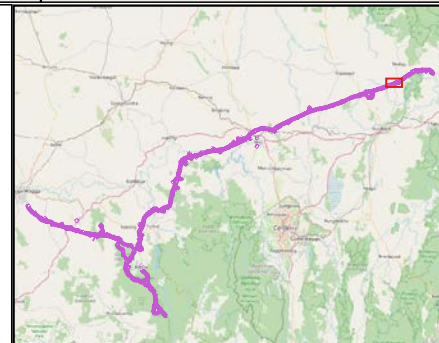


**Humelink - Historic Sites**

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens  
 Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

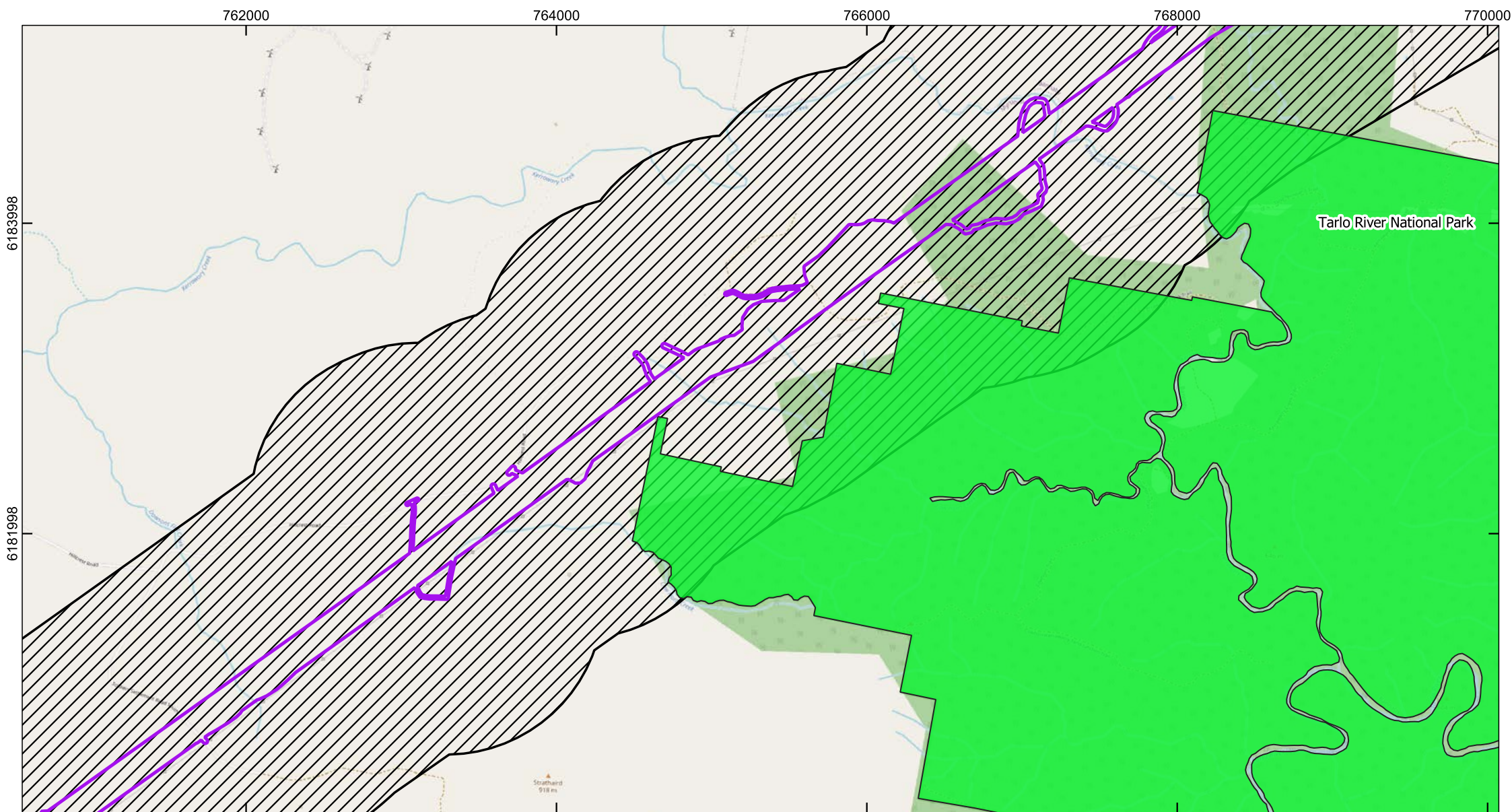
**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area



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A north arrow is positioned to the right of the logo. Below the logo is a scale bar marked with 0, 0.5, and 1 km.






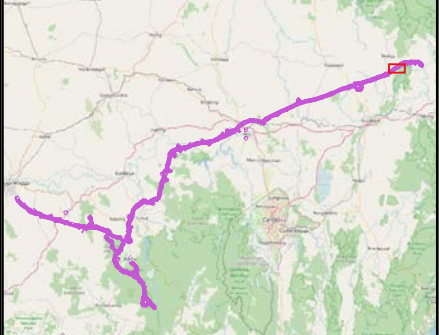
**Humelink - Historic Sites**


NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens

Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

**Legend**


-  Amended Project Footprint
-  Amended Heritage Study Area
-  LEP Listed item

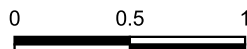




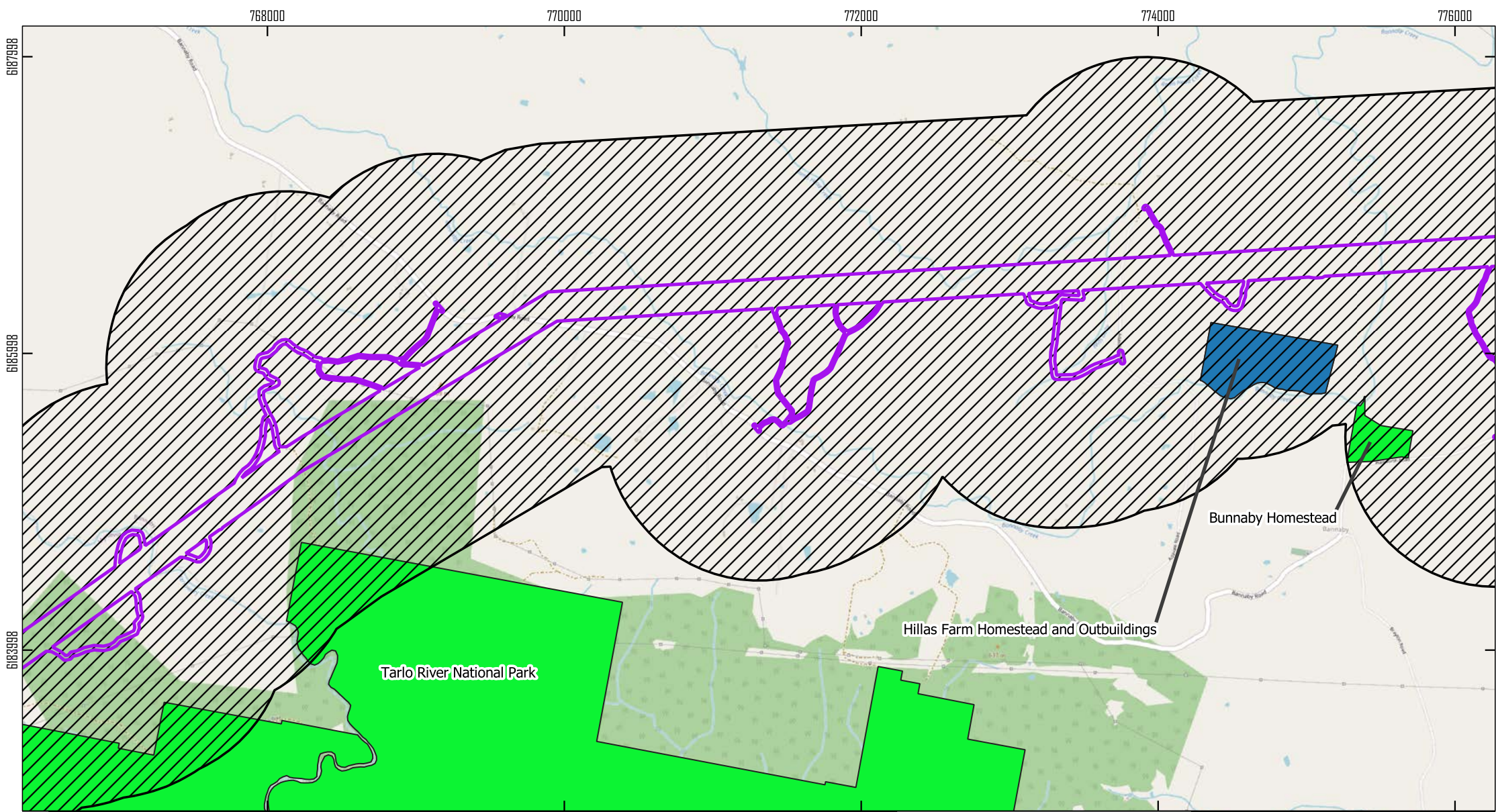
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Officer**

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0      0.5      1 km







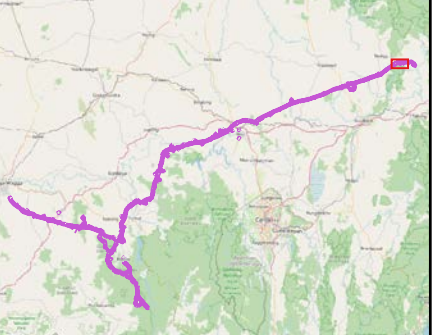
Humelink

NSW Data Service  
 Date: 24-04-2024  
 Author: Nicola Hayes



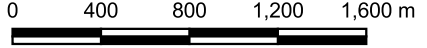
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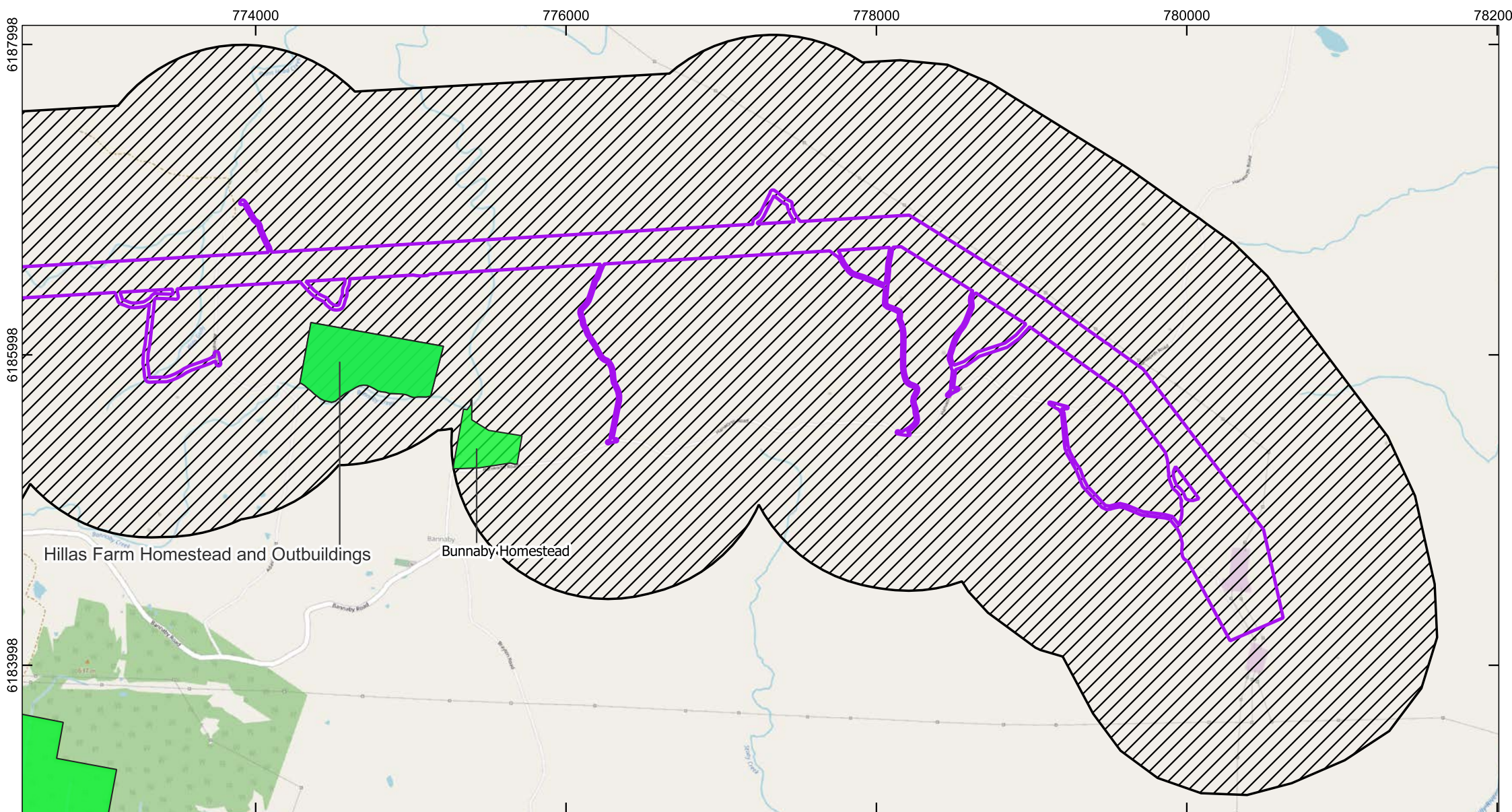
**Legend**

-  LEP Listed item
-  Amended Project Footprint
-  Amended Heritage Study Area
-  SHR Listed Item



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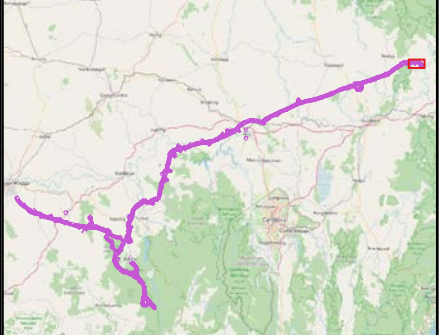
**Humelink - Historic Sites**

NSW Data Service  
 Date: 16-01-2024  
 Author: Ellaine Dickens

Projection: GDA2020  
 MGA Zone:  
 Scale: 1:32,782.873293

**Legend**

-  Amended Project Footprint
-  Amended Heritage Study Area
-  LEP Listed item
-  SHR Listed Item



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*heritage consultants*

