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Goulburn Valley Water Solar Farm - Seymour

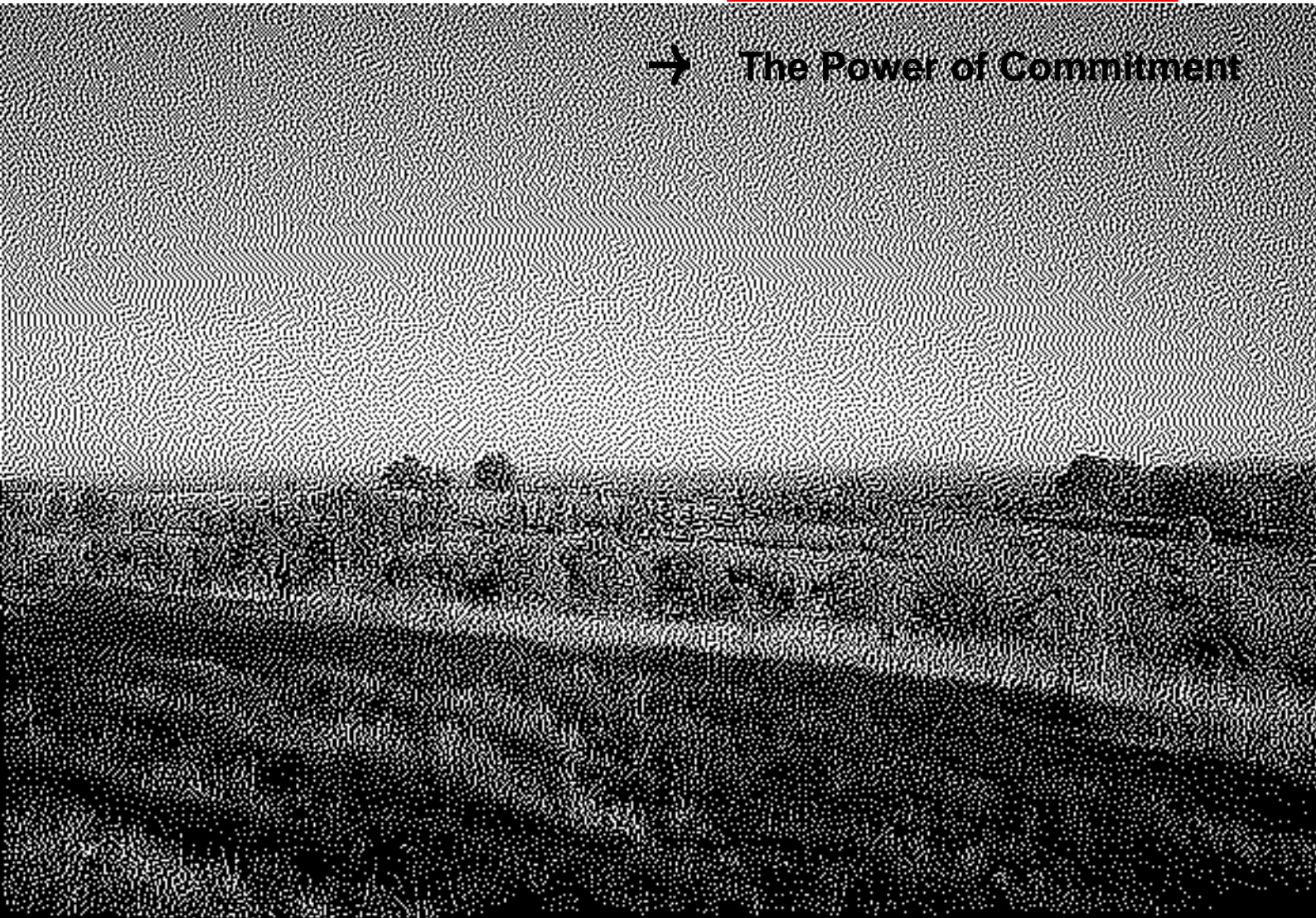
Cultural Heritage Due Diligence Assessment

Goulburn Valley Water

7 December, 2023



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Project name		Goulburn Valley Water Solar Farm					
Document title		Goulburn Valley Water Solar Farm - Seymour Cultural Heritage Due Diligence Assessment					
Project number		12579414					
File name		12579414-REP-A-CulturalHeritageDueDilligenceAssessment_CHDDA_Seymour.docx					
Status Code	Revision	Author	Reviewer		Approved for issue		
			Name	Signature	Name	Signature	Date
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Executive Summary

Goulburn Valley Water has engaged GHD Pty Ltd (GHD) to undertake a cultural heritage due diligence (CHDDA) assessment of the proposed solar farm development at the Seymour Wastewater Management Facility (WMF) in Seymour. The proposed works involve the potential design and delivery of a large-scale solar generation facility.

This CHDDA is being prepared as part of a larger planning permit application.

This CHDDA provides information and advice on heritage considerations for the proposed works. Legislative considerations for the project have been assessed under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), *Planning and Environment Act 1987*, *Aboriginal Heritage Act 2006*, and *Heritage Act 2017*. This CHDDA is a desktop assessment and does not constitute an approval under the Acts identified above.

This assessment concludes that there are no statutory approvals required for heritage matters under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), *Planning and Environment Act 1987*, *Aboriginal Heritage Act 2006*, and *Heritage Act 2017*.

The study area's history has been evaluated to assess the potential for archaeological sites within the study area. There are no heritage overlays (HO) within the study area and a planning permit is not required under the *Planning and Environment Act 1987*.

This report is subject to, and must be read in conjunction with, the limitations set out in section 1.5 and the assumptions and qualifications contained throughout the CHDDA. A summary of the findings is presented in Table 1 based on the results of the legislative risk assessments undertaken in sections 3 and 4.

Table 1 Legislative heritage requirements

Act	Requirements
EPBC Act 1999	No approvals for the proposed works are required under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (EPBC Act) for heritage matters. Please note that this does not include approval requirements under the EPBC Act for any other matters of National Environmental Significance.
Aboriginal Heritage Act 2006	The study area is not within an area of cultural heritage sensitivity (CHS) and is not considered a high impact activity under Regulation 46(3) of the Aboriginal Heritage Regulations 2018. Therefore, a mandatory CHMP is not required. Please note: Under Section 27 and 28 of the Aboriginal Heritage Act 2006, harming Aboriginal cultural heritage is an offence unless it has been permitted under the approval of a cultural heritage permit, cultural heritage management plan or other listed approval mechanism.
Heritage Act 2017 and Planning and Environment Act 1987	No approvals for the proposed works are required under the Heritage Act 2017 or the Planning and Environment act 1987. There are no places listed on the Victorian Heritage Inventory, or the Victorian Heritage Register, and there are no Heritage Overlays present within the study area. Please note, however, any historical heritage over 75 years in age is protected under the Heritage Act 2017, regardless of its recorded status. It is not recommended that further historical heritage investigations be undertaken.

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Appendix A	Before You Dig Australia
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Abbreviations

ACHRIS	Aboriginal Cultural Heritage Register and Information Services
BYDA	Before You Dig Australia
CHDDA	Cultural Heritage Due Diligence Assessment
CHL	Commonwealth Heritage List
CHMP	Cultural Heritage Management Plan
CHS	Cultural Heritage Sensitivity
DCCEEW	Department of Climate Change, Energy, the Environment and Water
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999</i>
FP – SR	First Peoples – State Relations
GHD	GHD Pty Ltd
HO	Heritage Overlay
HV	Heritage Victoria
LDAD	Low Density Artefact Distribution
NHL	National Heritage List
SPS	Sewage Pump Station
RAP	Registered Aboriginal Party
VAHR	Victorian Aboriginal Heritage Register
VHI	Victorian Heritage Industry
VHR	Victorian Heritage Register
WHL	World Heritage List

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1. Introduction

Goulburn Valley Water has engaged GHD Pty Ltd (GHD) to undertake a Cultural Heritage Due Diligence Assessment (CHDDA) to inform heritage legislative requirements for the proposed solar farm at the existing Seymour WMF site at Tarcombe Road, Seymour, VIC, 3660. The proposed works involve the planning, design and delivery of a large-scale solar generation project. The site is owned by Goulburn Valley Water (GVW) and all power generated by the solar facilities will be exported directly to the national electricity transmission network.

1.1 Purpose of this report

This CHDDA provides information and advice on heritage considerations for the proposed works. Legislative considerations for the project have been assessed under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), *Planning and Environment Act 1987*, *Aboriginal Heritage Act 2006*, and *Heritage Act 2017*.

This CHDDA is a desktop assessment and does not constitute an approval under the Acts identified above.

1.2 Study area

The study area is the existing Seymour WMF at the northeast of Seymour bordered to the south by Tarcombe lane, the west by Dead Horse Lane, and further to the north by Back Mountain Road. The study area is approximately 91 km northeast of Melbourne. The property is approximately 706,000 m² large and contains infrastructure related to the WMF (See Figure 1 below).

1.3 Traditional Owners

The Taungurung Land and Waters Council (TLWC) Aboriginal Corporation are the Registered Aboriginal Party (RAP) for the study area. It is outside of the scope of this CHDDA to consult with the RAP.

1.4 Proposed works

GVW is seeking to install a large-scale solar facility within its Seymour and/or Tatura WMF sites. Both sites are located within GVW owned land and all power generated by the solar facilities will be exported directly to the national electricity transmission network. GHD anticipates that the potential system sizes to meet the targeted annual electricity generation volume, each system will be approximately 5MW.

1.5 Scope and limitations

This report: has been prepared by GHD for Goulburn Valley Water and may only be used and relied on by Goulburn Valley Water for the purpose agreed between GHD and Goulburn Valley Water as set out in section 1 of this report.

GHD otherwise disclaims responsibility to any person other than Goulburn Valley Water arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

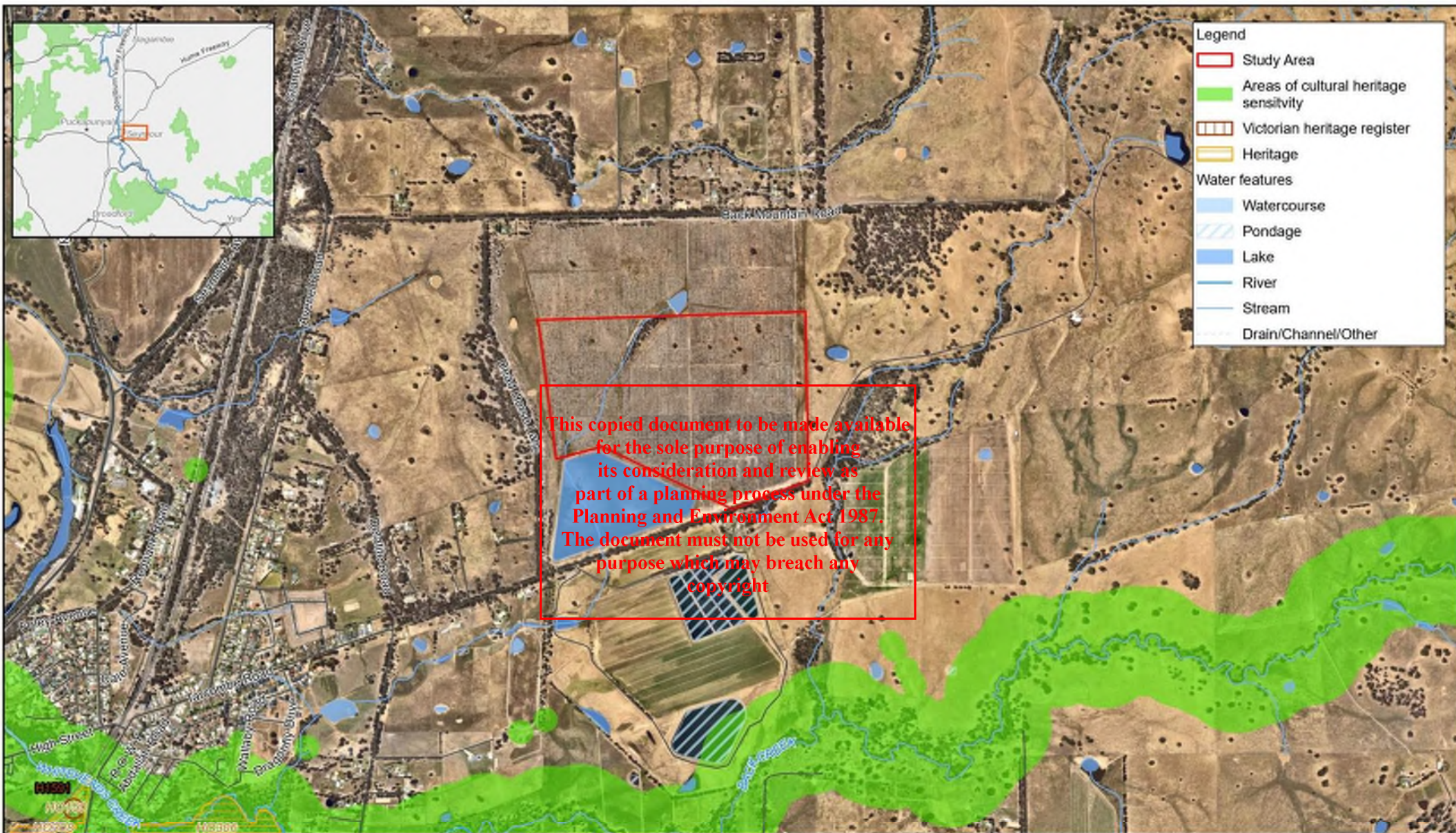
The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report (refer section(s) 1 of this report). GHD disclaims liability arising from any of the assumptions being incorrect.

Accessibility of documents

If this report is required to be accessible in any other format, this can be provided by GHD upon request and at an additional cost if necessary.

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Map Projection: Transverse Mercator
Horizontal Datum: GDA2020
Grid: GDA2020 MGA Zone 55



Goulburn Valley Water
Goulburn Valley Water Solar Farms

Project No. 12579414
Revision No. A
Date 28/11/2023

Goulburn Valley Water Solar Farms (Seymour)
Cultural Heritage Due Diligence Assessment

FIGURE 1

2. Desktop assessment

This desktop assessment examines technical data to establish a high-level cultural, environmental, statutory, archaeological, and historic context for the study area. This context is provided to understand the potential for built, archaeological, and cultural heritage values to be present in the study area and associated heritage risks or legislative obligations for the project.

2.1 Statutory context

2.1.1 Environment Protection and Biodiversity Conservation Act 1999

Commonwealth requirements in relation to environmental (includes heritage) assessment and management are principally specified in the EPBC Act administered by the Commonwealth Department of Climate Change, Energy, the Environment and Water (DCCEEW).

The EPBC Act provides for the listing of natural, historic or Indigenous heritage values on Commonwealth lands, lands under Australian Government control or that are of outstanding heritage value. Listings include the World Heritage List (WHL), National Heritage List (NHL), and Commonwealth Heritage List (CHL).

The EPBC Protected Matters Search Tool was accessed on 13 November 2023. There are no heritage values registered on the WHL, NHL or CHL within the study area.

Please note that this does not include approval requirements under the *EPBC Act* for any other non-heritage MNES.

2.1.2 Aboriginal Heritage Act 2006

The *Aboriginal Heritage Act 2006* and Aboriginal Heritage Regulations 2018 stipulate the requirements for the assessment, management, and protection of Aboriginal heritage in Victoria. Requirements for assessment and approvals relating to Aboriginal heritage linked with the Victorian planning system are regulated by First Peoples – State Relations (FP – SR). FP – SR maintains the Victorian Aboriginal Heritage Register (VAHR), which lists places containing both tangible and intangible Aboriginal cultural heritage values.

FP – SR maintains a dataset that is a spatial representation of "Areas of Cultural Heritage Sensitivity" (CHS) as specified in Division 3, Part 2 of the Aboriginal Heritage Regulations 2018. Mapping of CHS is continually revised; however, a major update of CHS occurred in May 2018 when the current Regulations came into effect.

The Aboriginal Cultural Heritage Register and Information System (ACHRIS) was searched using access number 12821 on 13 November 2023. There are no registered Aboriginal cultural heritage places within the study area, and the study area is not within an area of cultural heritage sensitivity (CHS) as defined in Division 3 of the Aboriginal Heritage Regulations 2018.

2.1.3 Heritage Act 2017

The *Heritage Act 2017* is the principal legislation covering the assessment, management, and protection of non-Aboriginal heritage in Victoria included on the Victorian Heritage Register. Heritage Victoria (HV) regulates heritage assessment and approvals and administers the Act. HV maintains the Victorian Heritage Register (VHR), which lists items of State significance, and the Victorian Heritage Inventory (VHI), which lists items with significant historic archaeological heritage values.

There are no VHR or VHI places recorded within the study area at the time of the assessment.

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2.1.4 Planning and Environment Act 1987

The *Planning and Environment Act 1987* is the primary legislation for planning the use, development, and management of land in Victoria. The Act includes as an objective of planning in Victoria *to conserve and enhance those buildings, areas or other places which are of scientific, aesthetic, architectural or historical interest, or otherwise of special cultural value*. Planning Schemes provide for the management of items of local heritage significance through Heritage Overlays (HO).

There are no Heritage Overlays that intersect with the study area at the time of the assessment.

2.2 Environmental Context

2.2.1 Topography

The study area is situated at approximately 170m Australian Height Datum, is 3.6 km northeast of Seymour Township. The Goulburn River is one of the major waterways of the region and forms part of the broader Goulburn catchment system. The area is comprised of clay, sand, silt, sandstone, and gravel with terraces 1-10 m above present river channels with well-developed soil (GeoVic, 2023).

2.3 Historical context

2.3.1 Ethnohistory

According to Clark (Clark, 1990) Seymour is situated on the lands of the Buthera balug clan of the Taungurung (Daung Wurrung) people. According to Clark's research (1990), the Taungurung language group consists of nine clans including the Buthera balug clan, whose moiety was Bunjil (Clark, 1990, pp. 370, 372). Bunjil is the Wedge Tailed Eagle and is one of two moieties for Taungurung people, the other being Waa or Waang the Crow. Taungurung Lands and Waters Council currently recognises 15 clans, including the Buthera-balluk (Buthera balug), and notes that Taungurung people currently identify with five of the fifteen original clan groups (Taungurung Lands and Waters Council, 2023). The discrepancies between 19th century accounts of Aboriginal groups, clans, and activities to current understandings of clan groups and language group boundaries and contemporary understandings has been noted by Barwick (1984) and attributed to both inaccuracies in early colonial documentation of Aboriginal groups, and the processes of decolonisation that had significant impacts on kinship networks and connection to Country. For the purposes of this CHDDA, the study area is situated on the lands of the Taungurung People, who are the Registered Aboriginal Party (RAP) for the study area.

Taungurung people prior to colonisation used the abundant and diverse natural resources across their Country, and used the many species available along the Goulburn river catchment, including the *Mirriong* (Yam Daisy), Bracken Fern, Kangaroo Apple, and other plants for food and medicine, along with *Dhulangi* (Stringy Bark) and *Dulim* (Tussock Grass) to construct shelters, tools, and implements for hunting and food production (Taungurung Lands and Waters Council, 2023). Taungurung people were heavily impacted by colonisation, particularly in areas of European settlement in and around towns such as Seymour. As such, custodianship of Country and protection of cultural heritage remains an important part of Taungurung culture, and connection to Country and cultural practice on Country is fundamental to Taungurung identify, culture, and social life.

2.3.2 Historical settlement

Hume and Hovell were the first Europeans to travel through the area in 1824, followed by Major Thomas Mitchell, who passed of the north of the townsite in 1836. Settlement and the establishment of pastoral industry followed in 1837, and by 1938, the overland mail route between Melbourne and Sydney crossed the Goulburn River just to the north of the town's present location.

In 1843 Thomas Mitchell named the town 'Seymour' after Lord Seymour, Duke of Somerset. Originally the town was established on both sides of the Goulburn River however, following the floods of 1847, the settlement on the western side of the Goulburn River was abandoned (Department of Conservation and Environment, 1990).

The wool industry rapidly became the dominant pastoral industry with fine Merino wool production being the main economic activity in the region. Wool and beef cattle production remain the main pastoral industries today. The towns of Broadford, Seymour, and Aveland were established as small settlements at key crossing points of the waterways between Melbourne and Sydney and facilitated the movement of goods between the two cities (Department of Conservation and Environment, 1990).

By the 1850s, the discovery of Gold in Central Victoria resulted in large numbers of travellers through Seymour on the road to the Goldfields near Strath Creek, Reedy Creek, and Yea, subsequently benefiting the emerging townships of Seymour and Broadford (Department of Conservation and Environment, 1990).

In November 1872 the railway from Melbourne reached the town and as a result, Seymour became the primary regional location for the receipt of goods from the city, including firewood, milling timber, and bulk railway freight. The township boomed until the economic depression of the 1890s, when commodity prices dropped and drought resulted in high unemployment and challenging times for local businesses.

In 1904 a troop of Light Horse was established at Seymour, and military trainees met annually for field exercises and official inspection. Following the commencement of World War 1, a formal military camp was established, and by 1920, Seymour was the major military area in Victoria. The now well-known Puckapunyal camp was established in World War II.

One of the original owners of the allotments where the Seymour WMF currently stands Thomas Guild, is considered one of the early founders of Seymour in the early 1850s (Whitcombe, 1930). Thomas arrived in Australia in 1857 at the invitation of his brother, Alexander Guild. Thomas and Alexander established a store in Emily Street which served the community as a grocer, ironmonger, baker, butcher, chemist, and timber merchant (Whitcombe, 1930).

2.3.3 Historical land use

The original lessee of the land where the Seymour WMF is situated currently was Mary Seymour, a descendant of the Dempsey family from Kildare, Ireland (Anderson & Spreadborough, 1983). Mary held the run as her husband William was ineligible as a former convict (Seymour Telegraph, 2017). The run was forfeited in 1872, and in 1881 land was acquired by Thomas Guild, and in 1887 G Priestly acquired the 45A2 parcel. Thomas and Eliza Guild also owned the land where King's Park is currently located, along with several other allotments along Back Creek. Thomas was a pastoralist and concentrated on farming following his partnership with his brothers in running the general store between 1854 and 1875. A photo of the original store has been included in Plate 1 Plate 1 The store owned by Thomas Guild and his brothers in Seymour, Victoria below.

Aerial photography (Figure 3, Figure 4 and Figure 5 below) along with information obtained from GVW indicates that that the area was developed for irrigation in 2003, with trees being planted shortly thereafter, and then harvested in 2021. In 2022/23 GVW also commenced the removal of tree stumps and roots using a bulldozer to deep rip the area, which is still ongoing. The only discernible man-made infrastructure appears to be the small dam, which has existed at least since the 1970s, and lies just outside the northern edge of the project area.

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Plate 1 The store owned by Thomas Guild and his brothers in Seymour, Victoria (Hodgkinson, ca. 1880-1900)



Figure 2 c.1870s map showing the approximate study area in red (Victoria Surveyor General's Office, 1878).

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Figure 3

Aerial Image from 2002 showing the study area almost completely clear of vegetation (Google Earth Pro 7.3.4.8642 (64 bit), 2002)

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Figure 4

Aerial Image from 2005 showing the study area with vegetation (Google Earth Pro 7.3.4.8642 (64 bit), 2005)

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Figure 5 Aerial Image from 2021 showing the area cleared of vegetation (Google Earth Pro 7.3.4.8642 (64 bit), 2021)

Before You Dig Australia

A Before You Dig Australia search was undertaken on 13 November 2023 to document the presence of subsurface utilities and services that may have had an impact on the ground surfaces within the study area. The following services are located within the study area and documented in Appendix A:

- Telstra: The Telstra report shows Telstra infrastructure along Dead Horse Road and Tarcombe Road along the western and southern boundaries of the study area
- APA Energy Transmission: The APA Energy Transmission report indicates that there is an APA Energy Transmission Asset along the eastern boundary of the study area
- Ausnet Services: The Ausnet Services report indicates that there is a high voltage overhead line that runs north south along the western border of the study area
- TPG Telecom: The TPG Telecom report indicates that there is an AAPT/PowerTel Duct running along the eastern border of the study area

2.4 Archaeological context

2.4.1 Historical heritage place patterning

There are no known historical sites registered on the VHR or VHI, or Heritage Overlays within the study area, nor are there any heritage places within 2 km of the study area.

The Heritage Overlays further to the south and southeast within the township of Seymour relate to the Railway Siding and Railway Station, Castle Glen Cottage at 305 Union Lane, and other buildings associated with the establishment of Seymour township, along with the Australian Light Horse Memorial Park.

The historical land use assessment has shown no evidence of similar buildings within the study area and it is unlikely that heritage relating to the early squatter period would be located within the study area.

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The desktop assessment's land use history and historical imagery shows the lack of major waterways or tributaries in the study area along with the site's previous use as a plantation between 2005 and 2021, when the area appears to have been almost completely cleared of vegetation.

2.4.2 Aboriginal cultural heritage place patterning

The Aboriginal Cultural Heritage Register and Information System (ACHRIS) was searched using access number 12821 on 13 November 2023 to obtain a better understanding of known Aboriginal places in the area, what types they are, and how this could inform assessment of the study area. There are no VAHR registered Aboriginal places within the study area.

There are 48 Aboriginal places within 2 km of the study area (refer to Table 2), all of which being Low Density Artefact Distributions (LDAD). They are generally located in proximity to either Back Creek, or northern offshoots and junctions with Whiteheads Creek. This suggests that Aboriginal places in the area are most likely to be stone artefacts located near to water sources.

Table 2 VAHR Aboriginal places within 2 km of the study area.

Site Number	VAHR Site Name	Component Type
Back Creek LDAD 1	7923-0396-6	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-7	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-4	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-5	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-10	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-11	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-8	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-9	Low Density Artefact Distribution
Delatite Road LDAD 1	7923-0405-2	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-3	Low Density Artefact Distribution
Delatite Road LDAD 1	7923-0405-3	Low Density Artefact Distribution
Delatite Road LDAD 1	7923-0405-5	Low Density Artefact Distribution
Delatite Road LDAD 1	7923-0405-4	Low Density Artefact Distribution
Delatite Road LDAD 1	7923-0405-7	Low Density Artefact Distribution
Delatite Road LDAD 1	7923-0405-6	Low Density Artefact Distribution
Delatite Road LDAD 1	7923-0405-9	Low Density Artefact Distribution
Delatite Road LDAD 1	7923-0405-8	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-36	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-1	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-34	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-2	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-35	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-38	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-37	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-17	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-18	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-15	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-16	Low Density Artefact Distribution

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Site Number	VAHR Site Name	Component Type
Back Creek LDAD 1	7923-0396-21	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-22	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-33	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-19	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-20	Low Density Artefact Distribution
Delatite Road LDAD 1	7923-0405-11	Low Density Artefact Distribution
Delatite Road LDAD 1	7923-0405-10	Low Density Artefact Distribution
Delatite Road LDAD 1	7923-0405-12	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-13	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-14	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-31	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-32	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-25	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-26	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-23	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-24	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-29	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-30	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-27	Low Density Artefact Distribution
Back Creek LDAD 1	7923-0396-28	Low Density Artefact Distribution

2.4.3 Previous studies

There have been two Cultural Heritage Management Plans completed within 500 m of the study area that have been used to inform the assessment of likelihood of Aboriginal heritage within the study area.

Andrew Long and Associates (2017)

Andrew Long and Associates were engaged to conduct CHMP 14634 to support statutory approvals for the construction of the Seymour Sewer Rising Main. The CHMP Activity Area is a linear area beginning just to the south of the Seymour WMF, extending to Oak Street in Seymour. The CHMP progressed to complex assessment as the standard assessment identified areas of moderate to high archaeological potential, despite low visibility and overgrowth. The areas of moderate to high archaeological potential were identified along major creeks and their tributaries. The complex assessment identified a total of 13 stone artefacts from five test pits (one 1x1 and four 0.5x0.5m Shovel Test Pits). The stone artefacts were registered as Low Density Artefact Distributions on the Victorian Aboriginal Heritage Register (VAHR). No Aboriginal places were identified in or within 1km of the Seymour WMF.

Mark Grist, Christine Williamson and Joanna Freslov (2016)

Mark Grist (Heritage Advisor) along with Christine Williamson and Joanna Freslov (2016) were engaged to conduct CHMP 13233 to support statutory approvals for the underground installation of a 29.13 kilometre-long section of gas pipeline to connect to the existing Wollert to Wodonga gas pipeline at Broadford and Mangalore. Part of the CHMP activity area transgresses the eastern boundary of the Seymour WMF however no Aboriginal places were identified in the area that intersects with the Seymour WMF, or within 600m of the Seymour WMF site boundary.

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2.5 Summary of desktop assessment

The study area is the existing Seymour WMF at the northeast of Seymour bordered to the south by Tarcombe lane, the west by Dead Horse Lane, and further to the north by Back Mountain Road. The study area is approximately 91 km northeast of Melbourne. The property is approximately 706,000 m² large and contains infrastructure related to the WMF. The study area is not within an area of cultural heritage sensitivity as defined by the Aboriginal Heritage Regulations 2018, and there are no registered Aboriginal places within study area. There are no VHR sites or VHI sites, nor are there any Heritage Overlays within the study area.

The Taungurung Land and Waters Council Aboriginal Corporation are the Registered Aboriginal Party (RAP) for the study area. Clark (1990) and the Taungurung Lands and Waters Council (2023) identify the area around Seymour as the traditional lands of the Buthera balug clan.

Seymour township was established during the late 1830s and 1840s, prospering as one of the major towns enroute to the central goldfields, eventually becoming a regional centre and freight hub on the rail line, which reached Seymour in 1872.

Analysis of registered heritage sites within the 2km area surrounding the Seymour WMF has been used to estimate the historic place patterning within the study area. The majority of these heritage sites are built heritage and early buildings relating to the development of Seymour township, generally distributed within the centre of the town, and adjacent to the Railway Station. The historical land use assessment has shown no evidence of similar buildings within the study area. Early maps indicate the study area has been subject to extensive pastoral activity. Because of this it is unlikely that heritage places or objects would be located within the study area.

Analysis of previous archaeological assessments and registered Aboriginal places near to the study area has been used to assess Aboriginal place patterning. Aboriginal places in the area surrounding the study area are generally located in proximity to either Back Creek, or northern tributaries and junctions with Whiteheads Creek. This suggests that Aboriginal places in the area are most likely to be stone artefacts located near to water sources. This is supported by previous archaeological assessments, which identified that areas adjacent to waterways are particularly sensitive to Aboriginal cultural heritage.

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3. Aboriginal cultural heritage

This section assesses legislative obligations and risk management options for Aboriginal heritage.

3.1 Regulatory triggers

Under the Aboriginal Heritage Regulations 2018, Regulation 7, a mandatory CHMP is required if the activity is located in an area of CHS and is classified as a high impact activity.

3.1.1 Area of cultural heritage sensitivity

According to the Aboriginal Heritage Regulations 2018, the study area is not within an area of CHS.

3.1.2 High impact activity

The proposed works include the construction of a solar energy generation facility, which is a high impact activity under Regulation 46(1)(b)(xxvii) as utility installation.

Regulation 46 - Buildings and works for specified uses

- (1) The construction of a building or the construction or carrying out of works on land is a high impact activity if the construction of the building or the construction or carrying out of the works –
 - (a) Would result in significant ground disturbance; and
 - (b) Is for, or associated with, the use of the land for any one or more of the following purposes –
 - (xxvii) a utility installation, other than a telecommunications facility, if –
- (2) The terms used in subregulation (1)(b) have the same meaning as they have in the Victorian Planning Provisions.
- (3) Despite Subregulation (1), the construction of a building or the construction or carrying out of work on land is not a high impact activity if it is for, or associated with, a purpose listed under subregulation (1)(b) for which the land was being lawfully used immediately before 28 May 2007.

3.1.3 Mandatory CHMP requirements

The project does not trigger the Mandatory CHMP requirements as it is not within an area of cultural heritage sensitivity.

3.2 Assessment of risk to Aboriginal cultural heritage

3.2.1 Risk assessment

Under Sections 27 and 28 of the *Aboriginal Heritage Act 2006*, it is an offence to knowingly or negligently harm, or undertake an act that is likely to cause harm, to Aboriginal cultural heritage. The likelihood of causing harm to potentially unrecorded Aboriginal cultural heritage within the study area therefore needs to be assessed.

There are no VAHR registered Aboriginal places within the study area. Previous CHMPs in the area have identified that areas adjacent to waterways, particularly elevated landforms are more likely to contain Aboriginal cultural heritage. As the nearest waterway is Back Creek approximately 1.5km to the south of the study area, it is unlikely that Aboriginal heritage places exist within the study area.

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4. Historic cultural heritage

This section assesses legislative obligations and risk management options for historic (non-Aboriginal) heritage.

4.1 Regulatory triggers

Regulatory triggers for heritage approvals under the EPBC Act, *Heritage Act 2017* and *Planning and Environment Act 1987* are documented below.

4.1.1 Environment Protection and Biodiversity Conservation Act

Approvals are required under the EPBC Act if:

- A proposed action is likely to have a significant impact on a matter of national environmental significance; or
- If the proposed action likely to have a significant impact on the environment in general (for actions by Commonwealth agencies or actions on Commonwealth land) or the environment on Commonwealth land (for actions outside Commonwealth land)

A search of the EPBC Protected Matters Search Tool has indicated that there are no heritage places registered on the WHL, NHL or CHL within the study area. The proposed works are not located on Commonwealth Land. No approvals under the EPBC Act are required for heritage matters.

4.1.2 Heritage Act 2017

Under the *Heritage Act 2017*, a permit or permit exemption is required to change any place or object listed on the VHR. The Act also requires a Consent for any actions that will uncover, excavate or damage an archaeological site listed on the VHI. There are no historical archaeological sites registered on the VHR or VHI within the study area.

4.1.3 Planning and Environment Act 1987

There are no Heritage Overlays within the study area under the Mitchell Planning Scheme and no requirements for approvals relating to heritage matters under the *Planning and Environment Act 1987*.

4.2 Assessment of risk to historic cultural heritage

Under the *Heritage Act 2017* (3)(1) an archaeological site includes a place that contains an artefact, deposit or feature which is 75 years or more years old. Archaeological sites are protected under the *Heritage Act 2017* and require consent to damage, uncover, or otherwise impact the site.

4.2.1 Policy for determining archaeological value

With the introduction of the *Heritage Act 2017*, the VHI transitioned from listing all known historical archaeological sites to listing only archaeological sites that met a threshold for inclusion. Under the *Heritage Act 2017*, an archaeological site is defined as a place (other than a shipwreck) which:

- a. Contains an artefact, deposit or feature which is 75 years or more old; and
- b. Provides information of past activity in the State; and
- c. Requires archaeological methods to reveal information about settlement, development or use of the place; and
- d. Is not associated only with Aboriginal occupation of the place

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Under the *Heritage Act 2017*, the VHI records all archaeological sites other than those which have been determined by the Executive Director to have low archaeological value. HV have released a Policy for Determining Low Archaeological Value (2017), which provides two thresholds which must be met for an archaeological site to have more than low archaeological value. These thresholds are:

Threshold A (archaeology):

- The place meets the definition of an archaeological site under the Act; and
- It can be demonstrated that the site contains archaeological features, associated artefacts and/or deposits; and/or
- Documentary evidence and/or oral history, landscape features, visible site fabric or other information indicates a likelihood that the site contains archaeological remains; and
- The archaeological remains are, or are likely to be, in a condition that will allow information to be obtained that will contribute to an understanding of the site

Threshold B (place history):

- The site evidences (or is likely to evidence) an association with a historical event, phase, period, process, function, tradition, movement, custom or way of life; and
- The site history is of significance within a state, regional, local, thematic, or other relevant framework

Historic archaeological potential

An examination of the previous land use indicates that the land where the Seymour WMF is currently located has primarily been pastoral land, and later plantation timber (see image above). The majority of historical places within the Seymour area are associated with early town infrastructure, the Railway Station, and early buildings within the township, and there is no indication of early buildings or infrastructure within the study area.

Due to the lack of buildings and infrastructure identified at the Seymour WMF site that could be associated with the early development of the town, there is low potential for historic archaeological places to be situated within the study area.

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5. Conclusion

This section of the report summarises findings and makes recommendations to ensure the proposed works legislative compliance and to manage heritage risk. The recommendations are based on the results of the legislative risk assessments undertaken in section 3 and 4 and are summarised in Table 3 below.

Table 3 Legislative heritage requirements

Act	Requirements
EPBC Act 1999	No approvals for the proposed works are required under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (EPBC Act) for heritage matters. Please note that this does not include approval requirements under the EPBC Act for any other matters of National Environmental Significance.
Aboriginal Heritage Act 2006	The study area is not within an area of cultural heritage sensitivity (CHS) and is not considered a high impact activity under Regulation 46(3) of the Aboriginal Heritage Regulations 2018. Therefore, a mandatory CHMP is not required. Please note: Under Section 27 and 28 of the Aboriginal Heritage Act 2006, harming Aboriginal cultural heritage is an offence unless it has been permitted under the approval of a cultural heritage permit, cultural heritage management plan or other listed approval mechanism.
Heritage Act 2017 and Planning and Environment Act 1987	No approvals for the proposed works are required under the Heritage Act 2017 or the Planning and Environment act 1987. There are no places listed on the Victorian Heritage Inventory, or the Victorian Heritage Register, and there are no Heritage Overlays present within the study area. Please note, however, any historical heritage over 75 years in age is protected under the Heritage Act 2017, regardless of its recorded status. It is not recommended that further historical heritage investigations be undertaken.

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Appendix A

Before You Dig Australia

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Caller Details

Contact: Glenn McDonald **Caller Id:** 3475497 **Phone:** [REDACTED]
Company: GHD
Address: Level 9 180 Lonsdale Street **Email:** glenn.mcdonald@ghd.com
Melbourne VIC 3000

Dig Site and Enquiry Details

WARNING: The map below only displays the location of the proposed dig site and does not display any asset owners' pipe or cables. The area highlighted has been used only to identify the participating asset owners, who will send information to you directly.



User Reference: Project Number 12579414
Working on Behalf of: Private
Enquiry Date: 13/11/2023 **Start Date:** 20/11/2023 **End Date:** 31/07/2024
Address: 190 Back Mountain Road, Seymour VIC 3660
Job Purpose: Design **Onsite Activities:** Planning & Design
Location of Workplace: Private **Location in Road:**

- Check that the location of the dig site is correct. If not you must submit a new enquiry.
- Should the scope of works change, or plan validity dates expire, you must submit a new enquiry.
- Do NOT dig without plans. Safe excavation is your responsibility. If you do not understand the plans, contact the relevant asset owners.

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Your Responsibilities and Duty of Care

- The lodgement of an enquiry does not authorise the project to commence. You must obtain all necessary information from any and all likely impacted asset owners prior to excavation.
- If plans are not received within 2 working days, contact the asset owners directly & quote their Sequence No.
- ALWAYS perform an onsite inspection for the presence of assets. Should you require an onsite location, contact the asset owners directly. Please remember, plans do not detail the exact location of assets.
- Pothole to establish the exact location of all underground assets using a hand shovel, before using heavy machinery.
- Ensure you adhere to any State legislative requirements regarding Duty of Care and safe digging requirements.
- If you damage an underground asset you MUST advise the asset owner immediately.
- By using this service, you agree to Privacy Policy and the terms and disclaimers set out at www.byda.com.au
- For more information on safe excavation practices, visit www.byda.com.au

Asset Owner Details

The assets owners listed below have been requested to contact you with information about their asset locations within 2 working days. Additional time should be allowed for information issued by post. It is **your responsibility** to identify the presence of any underground assets in and around your proposed dig site. Please be aware, that not all asset owners are registered with the Before You Dig service, so it is **your responsibility** to identify and contact any asset owners not listed here directly.

** Asset owners highlighted by asterisks ** require that you visit their offices to collect plans.
Asset owners highlighted with a hash # require that you call them to discuss your enquiry or to obtain plans.

Seq. No.	Authority Name	Phone	Status
232071840	APA Group Gas Networks (70300)	1800 085 628	NOTIFIED
232071837	APA Group Gas Transmission (Victorian Transmission System)	1800 103 452	NOTIFIED
232071836	AusNet Electricity Services Pty Ltd	1800 088 208	NOTIFIED
232071839	Goulburn Valley Water	1800 454 500	NOTIFIED
232071841	Mitchell Shire Council	(03) 5734 6200	NOTIFIED
232071838	Telstra VICTAS	1800 653 935	NOTIFIED
232071842	TPG Telecom (VIC)	1800 786 306	NOTIFIED

END OF UTILITIES LIST



APA Group
PO Box 6014 Halifax
Street,
South Australia 5000

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13/11/2023

Company: GHD
Glenn McDonald
Level 9, 180 Lonsdale Street
Melbourne
VIC 3000

glenn.mcdonald@ghd.com

Dear Glenn McDonald

Sequence Number: 232071840
Worksite Address: 190 Back Mountain Road
Seymour
VIC 3660

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Thank you for your Before You Dig enquiry regarding the location of APA Group (APA) operated Gas Assets.

We confirm there are **NO** Gas Assets in the vicinity of the above location.

Caution - Damage to gas assets may result in explosion, fire and personal injury.

You are hereby notified the Duty of Care requirements described below apply to any activity in the vicinity of APA operated Gas Assets. Please ensure you read and comply with all the relevant requirements where applicable.

Contacts – APA Group	
Enquiry Type	Contact Numbers
General enquiries or feedback regarding this information or gas assets.	APA - Before You Dig Officer
QLD Only	Phone: 1800 085 628 Email: PermitsQld@apa.com.au
All other States	Phone: 1800 085 628 Email: DBYDNetworksAPA@apa.com.au
Gas Emergencies	Phone: 1800 GAS LEAK (1800 427 532)

Please find below the following information:

- Duty of Care** - If you are unclear of your obligations under these requirements please contact the Before You Dig officer for clarification.
- An overview map** highlighting the area of your intended works.
- Map(s) showing APA operated Gas Assets** within the area of your intended works.

Important Information:

- This information is valid for 30 days from the date of this response.
- This information shall be available on site whilst conducting works.
- This information has been generated by an automated system based on the area highlighted in your BYDA request and has not been independently verified. Please check the maps represent the area you requested. If they do not, please contact the APA - Before You Dig officer.
- For some BYDA enquiries, you may receive two (2) responses from APA. Please read both responses carefully as they relate to different assets.

Yours Faithfully,

APA Group

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Duty of Care - Working Around Gas Assets

General Conditions

- BYDA enquiries are valid for 30 days. If your works commence after 30 days from the date of this response a new enquiry is required to validate location information.
- The location information supplied in this document shall be used as a guide only. APA does not guarantee the accuracy or completeness of the map and does not make any warranty about the data. APA is not under any liability to the user for any loss or damage (including consequential loss or damage) which the user may suffer resulting from the use of this information or maps.
- It is the responsibility of the excavator to expose all Gas Assets by hand digging. Gas Asset depths may vary according to ground conditions.
- Gas (inlet) Services connecting Gas Assets in the street to the gas meter on the property are not marked on the map. South Australia Only - If a meter box is installed on the property, a sketch of the gas service location may be found inside the gas meter box. APA does not guarantee the accuracy or completeness of these sketches.
- Road authorities, council's, and their authorised contractors and agents are responsible to pot-hole or use other suitable methods to verify the location and depth of all gas assets, including Gas (inlet) Services, prior to commencing any works.
- The location and depth of underground mains & services, including those in the road corridor and footpath, may vary in alignment and depth of cover, as a result of changes to road, footpath or surface levels subsequent to installation.
- Some Gas Assets may be installed inside a casing. Locations where a Gas Asset changes from being located within, to being located outside a casing may not be marked on the maps provided.
- The use of hydro-vacuum excavation in vicinity to Gas Assets is permitted under the following conditions:
 - Maximum water pressure of 1000psi unless otherwise advised.
 - A minimum distance of 100mm shall be maintained between the end of the pressure wand nozzle and gas assets.
 - Vertical movements of the pressure wand nozzle or inserting the nozzle in vicinity of the gas asset prohibited
 - The use of root cutting heads is prohibited.

Where a gas asset has been exposed via hydro-vacuum excavation a visual check must be undertaken to ensure no damage has occurred to the pipe or it's coating. If any damage has occurred notify the APA Before You Dig Officer.

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Site Watch / Locate Service

Site Watch - A condition of an APA Authority To Work permit is for an APA Site Watch representative be present on site whilst conducting works. The purpose is to monitor works and protect gas assets in the vicinity from potential damage by the works.

Locate – This service is available on request, where an APA representative will visit your work site before work commencement to electronically locate and mark on the ground surface all gas assets in vicinity of the work site.

These services are provided under the following conditions:

- Contact APA - Before You Dig officer to make a booking. Contact details in the table above.
- The following rates are chargeable for these services:

Item	Rate (excl. gst)
Site Watch – Normal Business Hours	\$143.42 per hour
Site Watch - After Hours	\$175.06 per hour
Electronic Locate – Normal Business Hours	\$143.42 per hour
Electronic Locate – After Hours	\$175.06 per hour
Cancellation Fee	2 hrs Normal Business Hours rate (where cancellations received <u>after</u> 12pm (midday) one (1) business day prior to the booking)
Mains Proving	Quoted on request

Notes:



- 1hr minimum charge applies.
- A Cancellation Fee applies where cancellations are received after 12pm (midday) one(1) business day prior to the booked Site Watch / Locate service
- Contact APA - Before You Dig officer for state specific hours of business.

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Site Address	190 Back Mountain Road Seymour 3660	Sequence No	232071840
Name	Glenn McDonald		
Email	glenn.mcdonald@ghd.com		



Scale 1: 8500		Enquiry Area 	Map Key Area 
---------------	---	--	--

Please Note

For some Before You Dig Australia (BYDA) enquiries you may receive multiple responses from APA Group (APA). Please read all responses carefully as they will relate to different assets. It is your responsibility to action all requirements set out in APA's BYDA responses.



FOR YOUR IMMEDIATE INFORMATION

STOP! There is an APA Energy Transmission Asset (Gas) in the area of your proposed works.

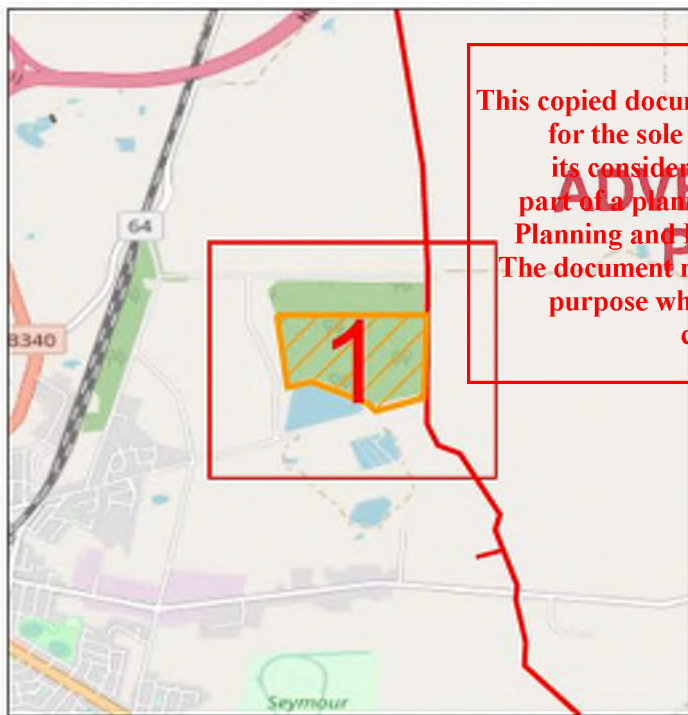
- This is **NOT AN APPROVAL** to carry out work within the APA pipeline easement.
- Please **DO NOT PROCEED** or attempt to physically locate the asset for alignment or depth.
- **Do not assume** the pipeline depth, or alignment from marker signs.
- Please **DO NOT PROCEED** until the next steps below are completed.

***NEXT STEP:** Please contact an APA Infrastructure Protection Officer immediately on **1800 103 452** (business days – 8:00am to 5:00pm AEST) to discuss the exact nature and extent of your works.

For emergency contacts outside of business hours, enter your location on BYDA website <https://smarterwx.1100.com.au/emergency>

BYDA Sequence No: 232071837

Enquiry Details



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From: APA Group
Infrastructure Protection Officer
Phone: 1800 103 452
Email: apaprotection@apa.com.au
Issued Date: 13/11/2023
To: Glenn McDonald
Company: GHD - Glenn McDonald
Phone: [REDACTED]
Email: glenn.mcdonald@ghd.com
BYDA Job No: 35460809
User Reference:
Project Number 12579414
Worksite Address: 190 Back Mountain Road
Seymour

Scale: 1 : 50000

0 0.6km

Validity: This response is valid for 30 days from the Issued Date.

Damage to a high-pressure gas transmission pipeline could result in:-

- possible explosion and fire;
- possible injury or loss of life;
- substantial repair and gas restoration liability damage costs;
- gas escaping at explosive pressures; and
- loss of gas to thousands of customers.

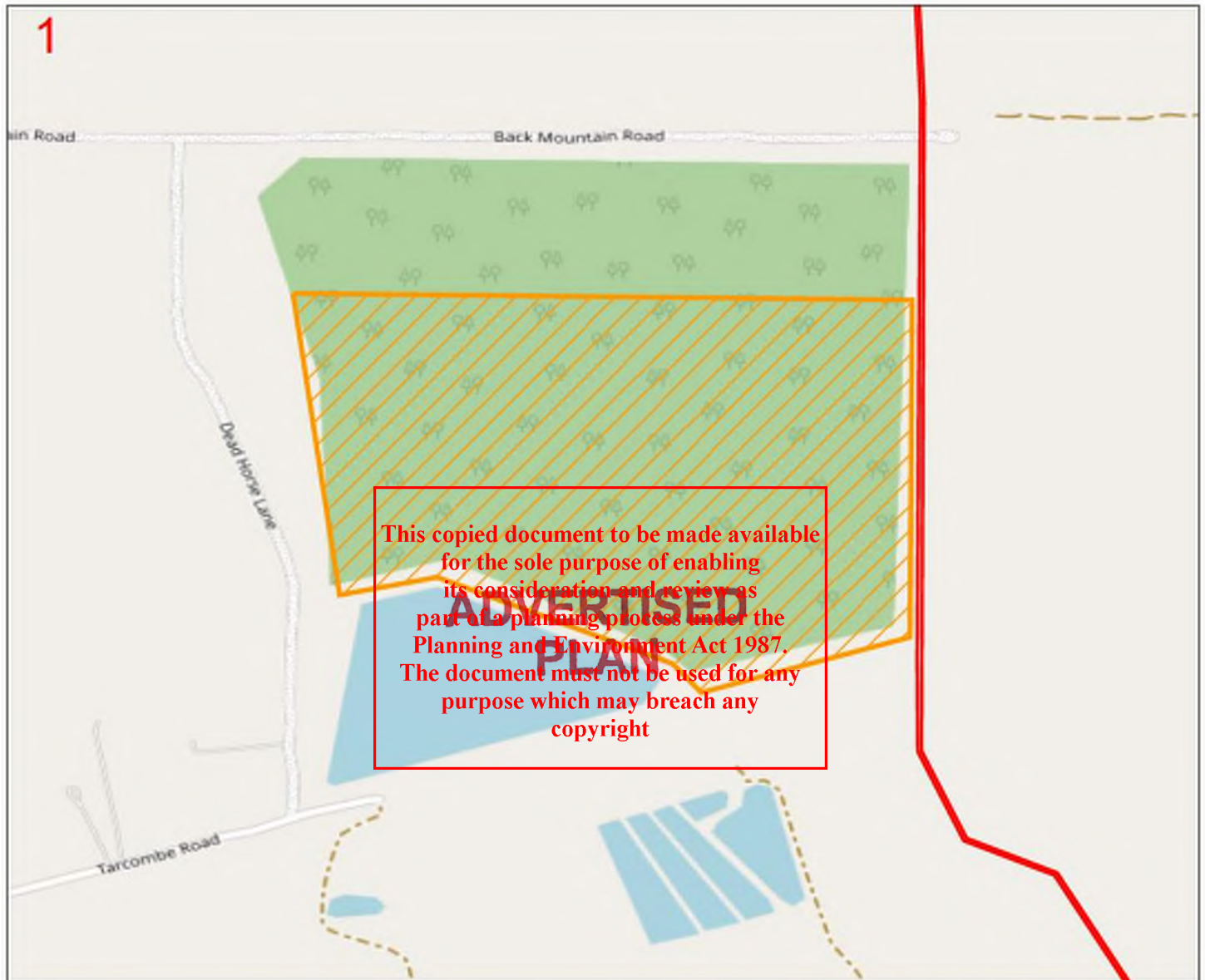
Thank you for your cooperation in maintaining a safe and secure APA Energy Transmission Asset.

APA Energy Transmission (Gas) BYDA Enquiry

ISSUED DATE: 13/11/2023

This Response Valid for 30 Days

SEQUENCE NO: 232071837



Legend

-  BYDA Requests
-  APA Energy Transmission Asset

Scale: 1: 10000

0 0.1km



DO NOT PROCEED until you have contacted APA on 1800 103 452 (business days – 8:00am to 5:00pm AEST) to discuss the exact nature and extent of your works.

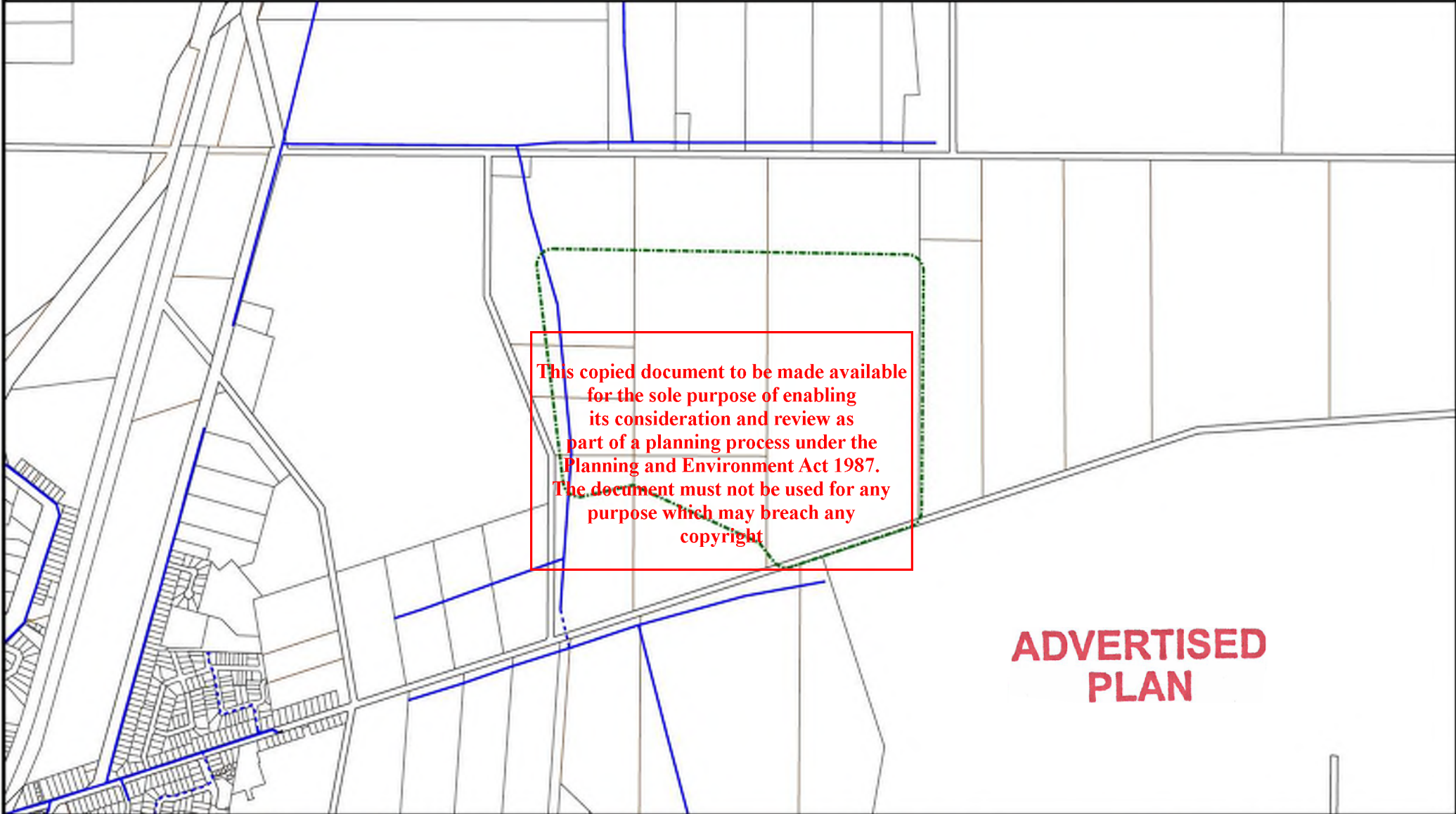
Damage to APA assets could have **serious consequences**.

- Do **NOT** attempt to physically locate the pipeline.
- If you receive multiple BYDA responses from APA, they will relate to different assets. **Read all responses** carefully and action all requirements.

DATA SOURCE

Pipeline Data Copyright APA Group, Property Parcels Copyright respective State Governments, mapping data Copyright [OpenStreetMap](#) contributors, BYDA Dig Location provided by BYDA. Mapping data is Quality Level D as defined by AS5488. This means the information is indicative only, and the actual location may vary significantly from that shown on plans. This map is confidential and the information and details contained in it are and remain the property of APA Group. © Copyright in this map is owned by APA Group.

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0m 200m 400m 600m 800m 1000m 1200m

Warning!

Directory Reference

AMG Extents



Plot Date: 14/11/2023

Please be advised this is a high level representation only and may not indicate all AusNet Services assets in the area or the exact location of identified assets. This plan must not be used for the purpose of ascertaining asset locations for excavation. Please read all conditions and information on the attached information sheets.

Note: The information contained on this plan is only valid for 28 days from the date of issue.

Melway No Map Ref

Vic Roads 61 D 2

ESMAP No Map Ref

Averel 2,500/15.19

SW 335094 E 5901362 N

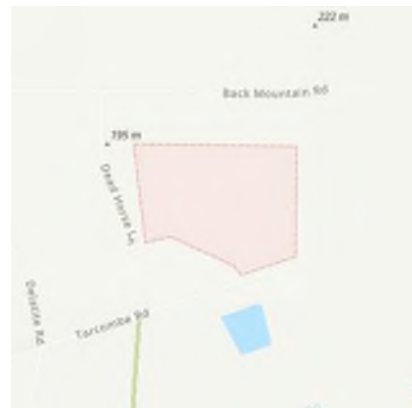
NE 339538 E 5903919 N

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DBYD Response from AusNet Electricity Services Pty Ltd.

Job Number: 35460809
Sequence Number: 232071836
Enquiry Date: 13/11/2023
Enquiry Location: 190 Back Mountain Road Seymour,
VIC



Thank you for using the Dial Before You Dig (DBYD) service before engaging in work at the above location.

AusNet Electricity Services Pty Ltd – Overview Only

Please find an Overview plot of electricity assets nearest to the vicinity of your enquiry. Detailed drawings are not provided with this response. Please submit a new request/s of less than 300 metres in area and AusNet Electricity Services Pty Ltd will respond accordingly.

** Please note this information is only valid for 28 Days from date of issue. If work extends beyond this period, you must re-submit your enquiry*

All reasonable care has been taken to ensure that information regarding underground cables shown on the attached plan are accurate however, some variations from records may exist and complete accuracy cannot be guaranteed. Some underground assets of AusNet Electricity Services Pty Ltd exist without any records having been established. As we may not be able to ascertain the exact extent of your excavation as supplied with this enquiry, plans included are details of AusNet Electricity Services Pty Ltd underground asset records nearest the vicinity of your enquiry.

For Your Safety

If you observe obvious underground electrical cables and they appear to be additional to the information supplied, please call **1800 088 208** for further assistance.

Where proposed work is in close proximity to a cable, the exact location of the cable must first be determined by careful **hand excavation**. Cable cover slabs if present **must not** be disturbed.

Private Cables on Private Property

AusNet Electricity Services Pty Ltd does not have plans of privately owned cables on private property. A copy of these plans may be located in your meter box. Contact your local licensed electrician to arrange private cable location services.

No Go Zone

AusNet Electricity Services Pty Ltd assets are covered by No Go Zone Guidelines available at www.worksafe.vic.gov.au. If working in vicinity of these assets please contact our service provider Extec Services Pty Ltd on (03) 5941 7333.

AusNet Services – DBYD Support

Enquiries **1800 088 208**

Faults & Emergencies **131799**

www.ausnetservices.com.au

ADVERTISED PLAN



LEGEND – Overview Plot of Electricity Assets

SYMBOL	NAME
	Low Voltage Underground Cable
	High Voltage Underground Cable
	Underground Cable
	Underground Pit
	Low Voltage Pole to Underground Pit
	Low Voltage Pole
	Underground Street Lighting Cable
	Underground Street Lighting Cable
	High Voltage & Low Voltage Pole
	22kV High Voltage Pole, 66kV Pole
	High Voltage Overhead Line
	Overhead Line
	High Voltage Overhead Line
	Earthing Overhead Line
	Substation Pole, Kiosk Substation, Indoor Substation, Ground Type Substation

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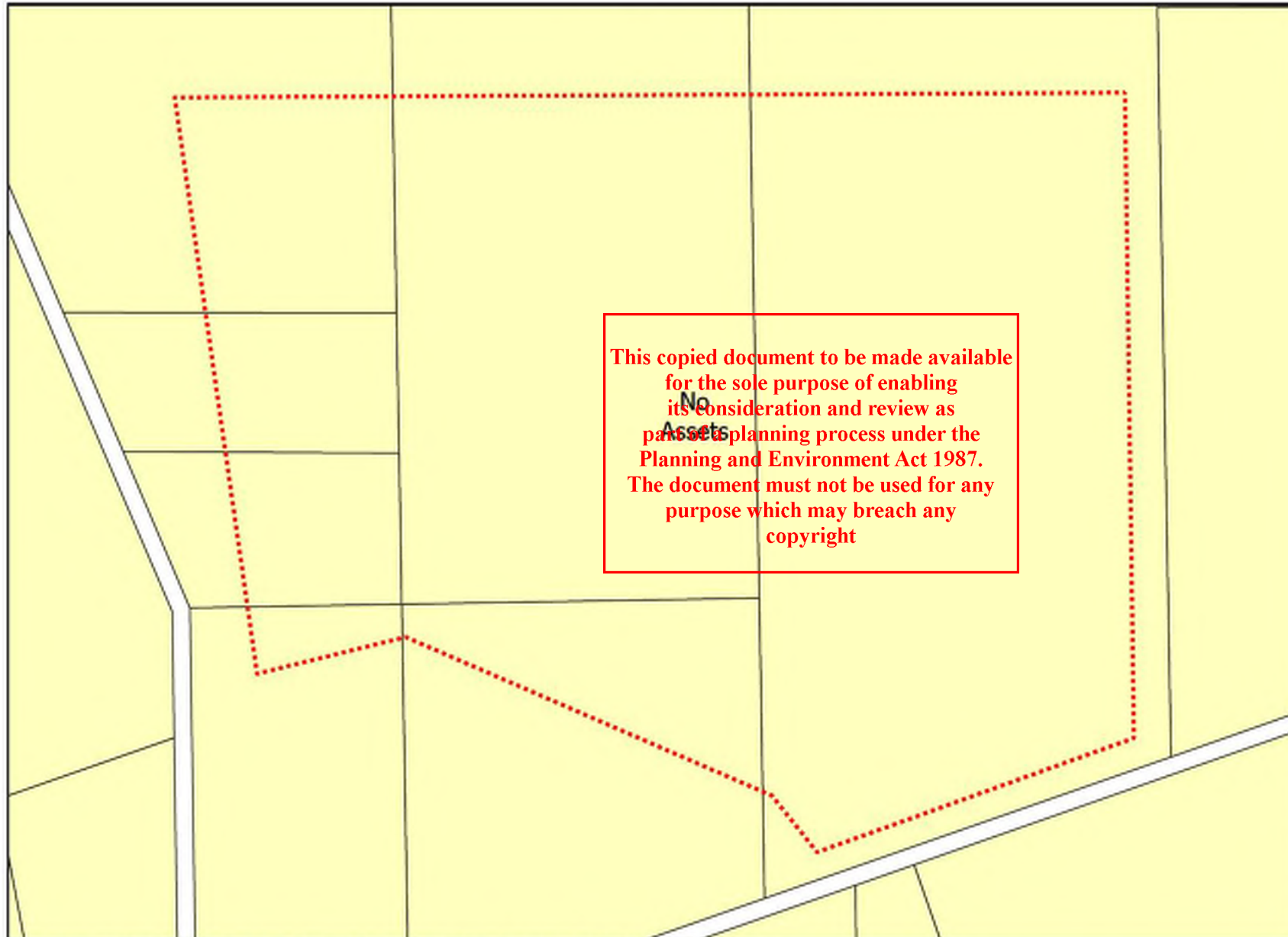
This Legend relates to the Plot provided in response to your DBYD request. The Plot is to be used as a guide only and not for Excavation purposes.




Job # 35460809
Seq # 232071839

Provided by Goulburn Valley Water

ADVERTISED PLAN



Legend

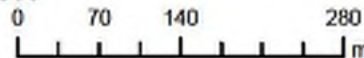
 BYDA Enquiry

DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Goulburn Valley Water or SmarterWX shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

In an emergency contact Goulburn Valley Water on 1800 454 500

Index Sheet


Plans generated by SmarterWX™ Automate



Scale 1:6,500



Legend

 BYDA Enquiry

ADVERTISED PLAN

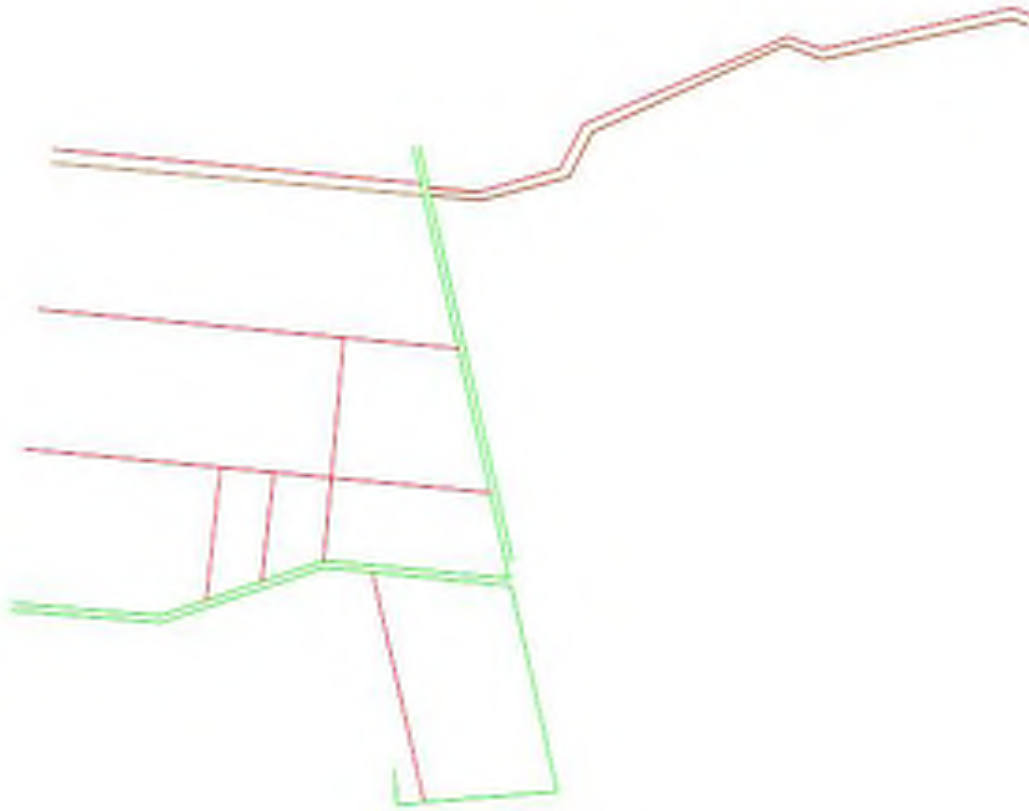
No
Assets

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Disclaimer: The plan is provided in response to a Before You Dig request. While all reasonable care has been taken to ensure the accuracy of the information on this plan, its purpose is to provide a general indication of the location of Mitchell Shire Council's infrastructure. The information provided may contain errors or omissions and the accuracy may not suit all users. A site inspection and investigation are recommended before commencement of any project based on this data.



ADVERTISED PLAN



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ADVERTISED PLAN

Date: 13/11/2023

Enquirer Name: Glenn McDonald
 Enquirer Address: 180 Lonsdale Street Level 9
 Email: glenn.mcdonald@ghd.com
 Phone: +6 [REDACTED]

Dear Glenn McDonald

The following is our response on behalf of each of the TPG carriers (listed below) to your Before You Dig Australia enquiry – Sequence 232071842

It is provided to you on a confidential basis under the following conditions and must be shredded or securely disposed of after use.

Assets Affected: 190 Back Mountain Road Seymour

Carriers (each a “TPG carrier”) and assets affected:

AAPT/PowerTel

Location:

According to our records, the underground assets in the vicinity of the location stated in your enquiry are **AFFECTED**. Please read the below information and disclaimers in addition to the any attached plans provided prior to any construction activities.

IMPORTANT INFORMATION

- The information provided is valid for 30 days from the date of this response. If your work site area changes or your construction activity is beyond 30 days please contact Before You Dig Australia on 1100 or www.1100.com.au to re-submit a new enquiry.
- Due to the nature of underground assets and the age of some assets and records, our plans are indicative of the general location only and may not show all assets in the location. You should not solely rely on these plans when undertaking construction works. It is also inaccurate to assume depth or that underground network conduit and cables for power, gas, water, sewerage, telecommunications and other services are essential to locate an asset's exact position prior to excavation. It is your responsibility to locate and confirm the exact location of our infrastructure using non-destructive techniques. We make no warranty or guarantee that our plans are complete, current or error free, and to the maximum extent permitted by law we exclude all liability to you, your employees, agents and contractors for any loss, damage or claim arising out of or in connection with using our plans.
- Please note that some of our conduits carry electrical cables and gas pipes. Please exercise extreme care when working within the vicinity of these conduit and take into account the minimum clearance distances under Duty Of Care below.
- You (and your employee and contractors) must not open, move, interfere, alter or relocate any of our assets without our prior approval.
- **Note** It is a criminal offence under the *Criminal Code Act 1995 (Cth)* to tamper or interfere with communication facilities owned by a carrier. Heavy penalties may apply for breach of this prohibition, and any damages suffered, or costs incurred by us as a result of such unauthorised works may be claimed against you.

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DAMAGE

- You must report immediately any damage to our network on **1800 786 306** (24hrs). We will hold you liable and seek compensation for any loss or damage to our network, our property and our customers that is caused by or arises out of your activities.

DUTY OF CARE

You have a duty of care to carefully locate, validate and protect our assets when carrying out works near our infrastructure. For construction activities that may impact on or interfere with our network, you will need to call us on **1800 786 306** to discuss a suitable engineering solution, lead time and cost involved. The below precautions must be taken when working in the vicinity of our network:

- Contact us on **1800 786 306** to discuss and obtain relevant information and plans on our infrastructure in a particular location if the information provided in this response is insufficient.
- Physically locate and mark on-site our network infrastructure using non-destructive techniques i.e. pot holing or hand digging every 5 metres prior to commencing any construction activities. Assets located must be marked to AS5488 standard. **NO CONSTRUCTION WORK IS ALLOWED UNTIL THIS STEP IS COMPLETED.** You must use an approved telecommunications accredited locator, or we can provide a locator for you at your expense. If we provide you with a locator, and this locator attended the site and is proven to be grossly negligent in physically locating and marking our infrastructure, then to the extent any TPG carrier is liable for this locator's negligence, acts and omissions, the total liability aggregated for all TPG carriers is limited, at our option, to attend the site and re-mark the infrastructure or to pay for a third party to re-mark the infrastructure.
- If you require us to locate or monitor our infrastructure, please allow five business days' notice for us to respond.
- Ensure all information, including our network requirements and any associated plans provided by us are kept confidential and remain on-site throughout your construction works.

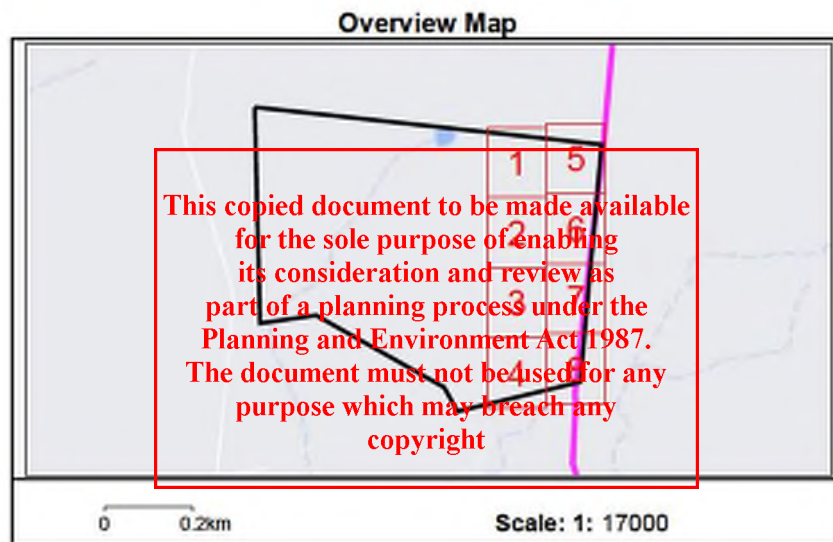
- Use suitably qualified and supervised professionals, particularly if you are working near assets that contain electricity cables or gas pipes.
- Ensure the below minimum clearance distances between the construction activities and the actual location of our assets are met. If you need clearance distances for our above ground assets, or if the below distances cannot be met, call **1800 786 306** to discuss.

Minimum assets clearance distances.

- 300mm when laying asset in-line, horizontal or vertical.
 - 1000mm when operating vibrating equipment. Eg: vibrating plates. No vibrating equipment on top of asset.
 - 1000mm when operating mechanical excavators or jackhammers/pneumatic breakers.
 - 2000mm when performing directional bore in-line, horizontal and vertical.
 - No heavy vehicle over 3 tonnes to be driven over asset with less than 600mm of cover.
- Reinstate exposed TPG network infrastructure back to original state.

PRIVACY & CONFIDENTIALITY

- Privacy Notice – Your information has been provided to us by Before You Dig Australia to respond to your Before You Dig Australia enquiry. We will keep your personal information in accordance with TPG’s privacy policy, see www.tpg.com.au/about/privacy.
- Confidentiality – The information we have provided to you is confidential and is to be used only for planning and designing purposes in connection with your Before You Dig Australia enquiry. Please dispose of the information by shredding or other secure disposal method after use. We retain all intellectual property rights (including copyrights) in all our documents and plans.



TPG Telecom Limited

**ADVERTISED
PLAN**

ADVERTISED PLAN

1

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Enquiry Number: 232071842

Map Sheet: 1

Scale: 1: 750

0 0.008km



LEGEND

BYDA Work Area



AAPT/PowerTel Pit



AAPT/PowerTel Duct



DDA Pit



DDA Duct



Agile/Adam Pit



Agile/Adam Duct



TransACT Pit



TransACT Duct



SOUL Pattinson Telecoms Pit



SOUL Pattinson Telecoms Duct



PIPE Networks Pit



PIPE Networks Duct



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Enquiry Number: 232071842

Map Sheet: 2

Scale: 1: 750

0 0.008km



LEGEND

BYDA Work Area



AAPT/PowerTel Pit



AAPT/PowerTel Duct



DDA Pit



DDA Duct



Agile/Adam Pit



Agile/Adam Duct



TransACT Pit



TransACT Duct



SOUL Pattinson Telecoms Pit



SOUL Pattinson Telecoms Duct



PIPE Networks Pit



PIPE Networks Duct



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Enquiry Number: 232071842

Map Sheet: 3

Scale: 1: 750

0 0.008km



LEGEND

BYDA Work Area



AAPT/PowerTel Pit



AAPT/PowerTel Duct



DDA Pit



DDA Duct



Agile/Adam Pit



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TransACT Pit



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SOUL Pattinson Telecoms Pit



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Enquiry Number: 232071842

Map Sheet: 4

Scale: 1: 750

0 0.008km



LEGEND

BYDA Work Area



AAPT/PowerTel Pit



AAPT/PowerTel Duct



DDA Pit



DDA Duct



Agile/Adam Pit



Agile/Adam Duct



TransACT Pit



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SOUL Pattinson Telecoms Pit



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ADVERTISED PLAN

Enquiry Number: 232071842

Map Sheet: 5

Scale: 1: 750

0 0.000km



LEGEND

BYDA Work Area



AAPT/PowerTel Pit



AAPT/PowerTel Duct



DDA Pit



DDA Duct



Agile/Adam Pit



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ADVERTISED PLAN

LEGEND

Enquiry Number: 232071842

Map Sheet: 6

Scale: 1: 750

0 0.000km



BYDA Work Area



AAPT/PowerTel Pit



AAPT/PowerTel Duct



DDA Pit



DDA Duct



Agile/Adam Pit



Agile/Adam Duct



TransACT Pit



TransACT Duct



SOUL, Pattinson Telecoms Pit



SOUL, Pattinson Telecoms Duct



PIPE Networks Pit



PIPE Networks Duct

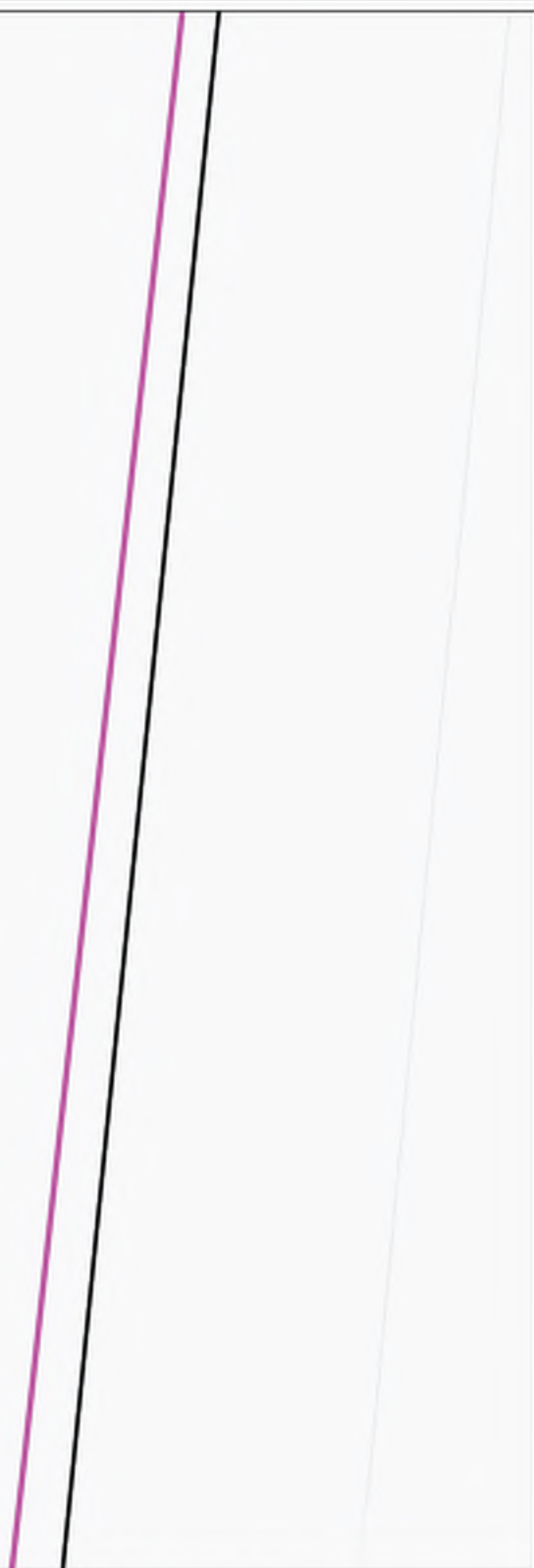


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ADVERTISED PLAN



Enquiry Number: 232071842

Map Sheet: 7

Scale: 1: 750

0 0.000km



LEGEND

BYDA Work Area



AAPT/PowerTel Pit



AAPT/PowerTel Duct



DDA Pit



DDA Duct



Agile/Adam Pit



Agile/Adam Duct



TransACT Pit



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PIPE Networks Pit



PIPE Networks Duct

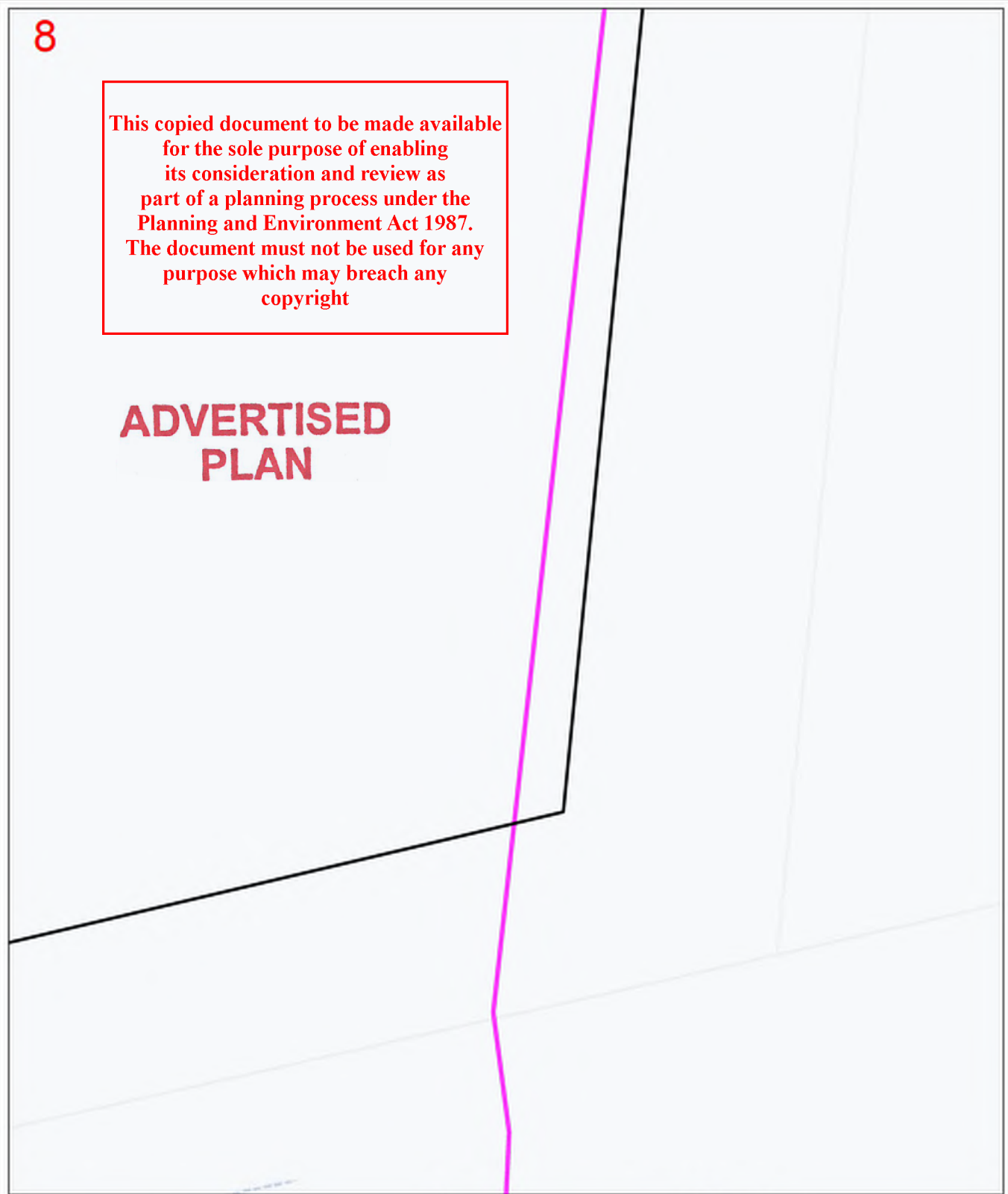


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ADVERTISED PLAN



Enquiry Number: 232071842

Map Sheet: 8

Scale: 1: 750

0 0.008km



LEGEND

BYDA Work Area



AAPT/PowerTel Pit



AAPT/PowerTel Duct



DDA Pit



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Agile/Adam Pit



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