

**STAGE 1
PRELIMINARY SITE CONTAMINATION
INVESTIGATION**

193, 247 & 345 ANDREWS ROAD & 210 SPITFIRE DRIVE
VARROVILLE NSW

PREPARED FOR THE DISCALCED CARMELITE FRIARS
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Client:

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1 PROJECT INFORMATION

1.1 INTRODUCTION AND OBJECTIVES

Geo-Environmental Engineering Pty Ltd (GEE) was commissioned by Fr Bernard Hancock OCD, on behalf of the Discalced Carmelite Friars, to undertake a preliminary site contamination investigation for the site located at 193, 247 & 345 St Andrews Road & 210 Spitfire Drive, Varroville NSW 2566 (herein referred to as the 'site' – **Figure 1**).

The site covers an area of approximately 143.9 hectares and encompasses the following legal allotments and active site addresses:

Registered Title	Active Addresses
Lot 20 in DP712018	210 Spitfire Drive 193 St Andrews Road
Lot 1 in DP121046	247 St Andrews Road 345 St Andrews Road

A plan showing the extent of each of the above allotments and addresses is shown on **Figure 2** along with a recent aerial photograph taken in August 2021, while available survey plans covering the site are provided in **Appendix A**.

The investigation was requested to support a planning submission relating to a proposed paper subdivision of the site. The objective of the preliminary contamination investigation was to address the requirements of the State Environmental Planning Policy No.55 – Remediation of Land (SEPP 55) by identifying areas of potential for contamination from past and present activities, and possible constraints on the subdivision. GEE notes that no development is proposed.

In this regard, GEE has completed a *Stage 1 - Preliminary Site Investigation* (Stage 1 PSI) in accordance with the NSW Environment Protection Authority (NSW EPA) *Contaminated Land Guidelines: Consultants Reporting on Contaminated Land* (reference 2) and NEPM (2013) Schedule B(2) *Guideline on Site Characterisation* (reference 3).

1.2 PREVIOUS INVESTIGATIONS

GEE is not aware of any previous contamination site assessments that may have been conducted at the site, or part thereof.



1.3 OBJECTIVES AND SCOPE OF WORK

The objective of the Stage 1 PSI was to identify past and present contaminating activities, potential contamination types and to assess the need for further investigation.

To achieve the above objectives, GEE completed the following scope of works:

- ◇ A review of the history of the site, including historical land titles and historical aerial photographs,
- ◇ A review of the environmental and physical setting in which the site lies, including geology, hydrogeology and topography,
- ◇ A detailed site inspection for potential sources of contamination, and
- ◇ Preparation of this report, including a statement as to the risk of contamination beneath the site.



2 SITE IDENTIFICATION

A summary of the site identification details is provided below, while a site location map is provided as **Figure 1**:

Street Address:	193, 247 & 345 St Andrews Road & 210 Spitfire Drive 210 Spitfire Drive & 193, 247 & 345 St Andrews, Varroville NSW 2566
Legal Description:	Lot 20 in Deposited Plan (DP) 712018 (Includes 210 Spitfire Rd & 193 St Andrews Rd), Lot 1 in DP 121046 (Includes 247 & 345 St Andrews Rd).
Coordinates (MGA 56):	298550 mE 623500 mN
Site Area:	Approximately 143.9 hectares
Current Zoning:	E3 – Environmental Management ¹
Current Use:	Current Use Includes: <ul style="list-style-type: none">• A school - Mount Carmel Catholic College (210 Spitfire Drive).• Church - Our lady of Mount Carmel Catholic Church (193 St Andrews Road).• Mount Carmel Retreat Centre & Mount Carmel Priory (247 St Andrews Road).• Carmel of Mary and Joseph Convent (345 St Andrews Road).
Proposed Zoning:	E3 – Environmental Management
Proposed Use:	As per existing

A site plan showing existing site allotments, addresses and stakeholders is provided as **Figure 2** along with a recent aerial photograph.

¹ Campbelltown Local Environmental Plan 2015.



3 SITE HISTORY

The history of the site was researched to provide an understanding of past and present site activities which in turn may indicate sources and areas of potential contamination.

Information obtained and reviewed included:

- ◇ Historical title information obtained from InfoTrack.
- ◇ Historical aerial photographs dating back to 1947, as supplied by the NSW Land and Property Information, or online sources such as Google Earth, and obtained by Lotsearch Pty Ltd.
- ◇ Historical business directory records from 1950, 1961, 1965, 1970, 1975, 1978, 1982, 1986, and 1991 which is provided by Lotsearch Pty Ltd.
- ◇ An internet search for any relevant historical information about the site.
- ◇ Council records of past development applications and approvals.
- ◇ A search of the contaminated land database, which is available on the NSW EPA website, was conducted which reveals if there have been any records of written notices issued on the site by EPA under the Contaminated Land Management Act 1997 (CLM Act), including preliminary investigation orders. Additionally, the search can reveal if the site has ever been notified to the EPA under Section 60 duty to report contaminated sites, of the CLM Act.
- ◇ A search of records under the PFAS investigation program.
- ◇ A search of the NSW EPA Protection of the Environment Act public register of licences, applications and notices that are maintained under Section 308 of the Protection of the Environment Operations (POEO) Act 1997.
- ◇ A search of dangerous goods licences held with SafeWork NSW. These licences often include information on past or present underground fuel storage tanks (USTs).
- ◇ A search of local and state heritage registers.

3.1 HISTORICAL TITLE INFORMATION

A summary of the title information provided below for each of the existing allotments is provided in **Appendix B** and includes a list of the registered proprietors and their occupations (where available) dating back to 1904.

In summary, both allotments were purchased by the Discalced Carmelite Fathers of Queensland in June 1964, before the ownership of Lot 1 was transferred to the current



legal owner "The Trustees of the Discalced Carmelite Fathers of Queensland" in 1970, and the ownership of Lot 20 was transferred to "The Discalced Carmelite Fathers" in 1985.

Notwithstanding the different legal entities of today, both lots have ultimately been owned by the same group of Carmelites since 1964. Before this, the list of landowners were all individuals which is often the case for rural and residential properties. The predominant occupation that was listed for these individuals was 'Grazier' which suggests the land was rural and predominately used for grazing purposes. This is also supported by the historical aerial photographs (refer to Section 3.2).

3.2 HISTORICAL AERIAL PHOTOGRAPHS

Historical aerial photography was sourced by Lotsearch Pty Ltd and included in their report, a copy of which is provided in **Appendix C**. This included aerial photographs from 1947, 1956, 1961, 1965, 1970, 1975, 1984, 1994, 1998, 2000, 2005, 2009, 2014 and 2020. Although, where possible and where relevant some additional photographs not included in the Lotsearch report were sourced. This included an image from 1990 (refer to **Appendix D**) and multiple images between November 2009 and August 2021 which were available via Nearmap Limited (www.nearmap.com.au).

A summary of the findings from each photograph is provided below with information (where possible) from our site inspection.

<u>Year</u>	<u>Site</u>	<u>Surrounding Land</u>
1947	<p><u>Lot 1 in DP121046</u></p> <p>The entire site appears to be undeveloped and forms part of a larger rural land holding.</p> <p>The surface of the site appears to be predominately covered by grass with a scattering of trees. There are also two farm dams present (labelled Dam 1 to 2 – Refer to Figure 3). One of the dams is associated with a natural drainage channel which crosses the site from the north-west to the south-east. The other dam is midway along the western boundary and is associated with a similar drainage channel.</p> <p><u>Lot 20 in DP 712018</u></p>	<p>The surrounding land comprises similar rural parcels of land covered by grass and trees.</p> <p>A farmhouse is visible beyond the site to the north and the south-east. The dwelling to the south-east appears to be related to some cultivated land.</p>



	Like with Lot 1, this allotment is undeveloped and forms part of a larger rural land holding.	
1956	No significant changes to the site.	No significant changes to the surrounding land.
1961	<p><u>Lot 1 in DP121046</u></p> <p>A farmhouse and associated structures (work shed, hay, barn/milking shed) have been constructed approximately midway along the eastern boundary with access to the house from St Andrews Road. In total there are three detached structures, with the easternmost structure being the farmhouse. The middle structure was the work shed and calf holding yards, while the westernmost structure was a haybarn and milking shed (Refer to Figure 4).</p> <p>It is possible that this existing allotment was formed prior to this development after subdivision from a larger parcel of land.</p> <p>Another farm dam (labelled Dam 3) has also been constructed to the south of Dam 2 with this dam extending into the southern allotment (Lot 20 – Refer to Figure 4).</p> <p><u>Lot 20 in DP 712018</u></p> <p>No significant changes.</p>	No significant changes.
1965	<p><u>Lot 1 in DP121046</u></p> <p>A new dam has been constructed in the south-western corner of this allotment (labelled Dam 4 – refer to Figure 5).</p> <p><u>Lot 20 in DP 712018</u></p> <p>No significant changes.</p>	No significant changes to the surrounding land.
1970	<p><u>Lot 1 in DP121046</u></p> <p>The existing church and retreat centre have been constructed to the east of the farmhouse and other detached structures mentioned above. According to discussions with one of the Carmelite Fathers, as well as</p>	A new dam has been constructed to the south of the site.



	<p>accommodation for retreatants, the retreat centre accommodated the Friars Community and Novitiate, while the farmhouse was also used for accommodation.</p> <p>To the left of the northern end of the retreat centre, and surrounded by a pavement, is a small structure which GEE understands was a single bowser (or fuel dispenser) which was associated with a single Underground fuel Storage Tank (UST).</p> <p>A brick piggery was also constructed to the west of the pre-existing Hay Barn/Milking Shed. There also appears to be some pig pens and a shed (or two) to the east and south-east of the piggery.</p> <p>Refer to Figure 5 for the location of the new structures.</p> <p><u>Lot 20 in DP 712018</u></p> <p>No significant changes.</p>	
1975	No significant changes to the site.	No significant changes to the surrounding land.
1984	<p><u>Lot 1 in DP121046</u></p> <p>A new dwelling has been constructed to the north of the church and retreat centre.</p> <p>A small structure (timber hut) has also been constructed to the south of the farmhouse.</p> <p>There is also a new dam (labelled Dam 5) which is to the west of Dam 2.</p> <p>Refer to Figure 6a for the location of the new dwelling and dam.</p> <p><u>Lot 20 in DP 712018</u></p> <p>The existing community hall and associated shed and awning have been constructed along the eastern boundary.</p>	<p>There is a new residential subdivision being constructed to the south and south-west. As part of this work, the drainage channels in this part of the site have been re-aligned and this includes the part of the drainage channel within the south-western corner of the site.</p>



	<p>There is also a new dam (labelled Dam 6) located to the west of the community Hall.</p> <p>Refer to Figure 6b for the location of the new dwelling and dam.</p>	
1990 (School and Surrounds Only)	<p><u>Lot 20 in DP 712018</u></p> <p>A small shed has been added to the north of the Community Hall.</p> <p>The Mount Carmel Catholic College High School has also been constructed, with associated car parking and some playing courts. Access to the school is via an asphalt road connected to St Andrews Road in the south-eastern corner of the allotment (Figure 7b).</p>	--
1994	<p><u>Lot 1 in DP121046</u></p> <p>The former bowser does not appear to be present. According to discussions with one of the Carmelite Fathers, the petrol bowser was disused in the 1980s and later filled at the time the Priory was constructed.</p> <p>A second timber hut (St Anthony's Hermitage) has been constructed to the south of the original farmhouse.</p> <p>At the northern end of this allotment, the Carmel of Mary and Joseph Convent (Carmel House) has been constructed and includes a garden shed, detached dwelling (visitor's residence), detached hermitage, some sheds, a church/chapel and swimming pool.</p> <p>There are also two new dams (labelled Dam 7 and Dam 8) associated with this development.</p> <p>Refer to Figure 7a for the location of the new development and dams at the northern end of the site.</p> <p><u>Lot 20 in DP 712018</u></p> <p>The Our Lady of Mount Carmel Catholic Church and associated carparking areas have been</p>	<p>The residential subdivision to the south and south-west of the site appears to be complete.</p> <p>Spitfire Drive has also been constructed along the southern boundary.</p>



	<p>constructed to the north of the community Hall building (Figure 7b).</p> <p>With respect to the High School, the access road has been diverted to connect to the newly constructed Spitfire Drive along the southern boundary of the site (Figure 7b).</p>	
1998	<p><u>Lot 1 in DP121046</u></p> <p>No significant changes.</p> <p><u>Lot 20 in DP 712018</u></p> <p>A new building addition has been added to the school.</p>	No significant changes to the surrounding land.
2000	<p><u>Lot 1 in DP121046</u></p> <p>The brick piggery and associated structures have been demolished and cleared from site, although there appears to be some residual stockpiles present.</p> <p><u>Lot 20 in DP 712018</u></p> <p>There are some stockpiles of soil on land immediately west of the school. Vehicle tracks leading to the stockpiles suggests that this is associated with earthworks occurring off-site to the south-east. Refer to Figure 8.</p>	There are some earthworks occurring on land to the south-east. This is associated with the construction of some playing fields/parks.
2005	<p><u>Lot 1 in DP121046</u></p> <p>No significant changes.</p> <p><u>Lot 20 in DP 712018</u></p> <p>The former stockpiles of soil shown in the 2000 photo have been cleared from site, while there have been new additions to the school.</p>	No significant changes to the surrounding land.
2009	No significant changes to the site.	No significant changes to the surrounding land.
2014	<p><u>Lot 1 in DP121046</u></p> <p>The former farmhouse, work shed, holding yards and the Hay Barn/Milking Shed have been demolished and the existing priory buildings constructed. An aerial image from</p>	No significant changes to the surrounding land.



	<p>2011 at the start of the construction of the Priory is provided as Figure 9.</p> <p><u>Lot 20 in DP 712018</u></p> <p>No significant changes.</p>	
2020	<p><u>Lot 1 in DP121046</u></p> <p>The main change appeared to be the construction of the metal shed and carport to the east of the dwelling which is associated with the Retreat Centre.</p> <p>To the south-west of the Priory and Retreat Centre is a new cultivated field. Discussions with the Friars indicate that this is part of a current environmental greening project of Cumberland Woodland Tree varieties and extends across into Lot 20. No chemicals have been used in the project.</p> <p><u>Lot 20 in DP 712018</u></p> <p>There have been new additions to the school.</p>	No significant changes to the surrounding land.

A summary of the information obtained from the historical aerial photography is provided in the following subsections and has been separated into the four main addresses / development areas across the site. There is also a section covering the remainder of the site which comprises rural grazing land.

3.2.1 210 Spitfire Drive (Current Mount Carmel Catholic College)

From the earliest available photograph (1947) and up to at least 1984, this part of the site was a vacant and undeveloped parcel of land that was part of a larger rural land holding and covered by grass with the occasional tree. The existing Mount Carmel Catholic College commenced construction between 1984 and 1990 (Refer to **Figure 7b**) and according to their website the school opened in 1986. Since then, there have been several additions to the school.

The access road to the school was initially connected to St Andrews Road in the south-eastern corner of the site, but between 1990 and 1994, the adjoining Spitfire Drive was constructed and the access road to the school was diverted and connected to Spitfire Drive.



3.2.2 193 St Andrews Road (Current Our Lady of Mount Carmel Church/Community Hall)

From the earliest available photograph (1947) and up to 1975, this part of the site was a vacant and undeveloped parcel of land that was part of a larger rural land holding and covered by grass with the occasional tree. Between 1975 and 1984, the existing community hall building, and attached awning and metal shed, were constructed (Refer to **Figure 6b**). The Our Lady of Mount Carmel Catholic Church was constructed soon thereafter (between 1984 and 1994 – Refer to **Figure 7b**) along with associated asphalt paved roads and car-parking areas.

3.2.3 247 St Andrews Road (Current Priory and Retreat Centre)

From the earliest available photograph (1947) and up to at least 1956, this part of the site was a vacant and undeveloped parcel of land that was part of a larger rural land holding and covered by grass with the occasional tree. There were also two small farm dams (labelled Dam 1 and Dam 2 – **Figure 3**) associated with natural stormwater drainage channels.

Between 1956 and 1961, a farmhouse and associated structures were constructed including a third dam (Dam 3). The associated structures included a Hay Barn / Milking Shed and a detached Work Shed, with some holding yards between these two structures. Refer to **Figure 4** for the location of these initial developments.

As detailed in the historical title documents, the Discalced Carmelite Fathers of Queensland purchased the site in 1964 and by 1970 they had constructed the existing retreat centre and connected Church to the east of the farmhouse building. A brick piggery and associated pens and sheds were also added to the west and south-west of the Hay Barn/Milking Shed. (Refer to **Figure 5**). According to discussions with one of the Carmelite Fathers, the retreat centre, apart from accommodating retreatants, also housed the Friars' Community and Novitiate. While the farmhouse was also used for accommodation. Adjacent to the retreat centre was a fuel bowser and associated UST which was installed around the time the retreat centre was constructed and became disused in the 1980s and eventually the bowser removed, and the UST filled.

A new dwelling was added to the north of the Church between 1975 and 1984 to accommodate the transferred Novitiate. This dwelling remains on the site and is now the retreat centre manager's residence. Around this time or soon thereafter, two prefabricated timber hermitage huts were also added to the south of the original farmhouse. GEE understands that these huts were designed after a Mongolian Yurt and are used by individuals for solitude and prayer. The western hut is called St Anthony's and the eastern hut is called St Teresa's.



In the late 1990s, the piggery and associated structures were demolished. Then in late 2011, the original farmhouse, Work Shed and Hay Barn/Milking Shed were also demolished to make way for the construction of the existing priory which was completed in 2012. The construction of the Priory included a new garage / work shed at the western end, a new asphalt paved access road and an asphalt paved carparking area downslope to the south.

Finally, a metal shed and attached carport was constructed to the east of the retreat centre manager's residence.

3.2.4 345 St Andrews Road (Current Convent)

From the earliest available photograph (1947) and up to at least 1984, this part of the site was a vacant and undeveloped parcel of land that was part of a larger rural land holding and covered by grass and some trees. Between 1984 and 1994, the existing Carmel of Mary and Joseph Convent was constructed (Refer to **Figure 7a**) and according to their website, was completed Circa 1989. The convent included a Chapel/Church, a detached garden shed, detached dwelling for visitors, a detached hermitage, some metal sheds, a swimming pool and an asphalt paved access road and car-parking area.

3.2.5 Elsewhere Across the Site

As mentioned, in Section 3.2.3 above, there were two small farm dams (Labelled Dam 1 and 2) visible in the earliest available aerial photograph from 1947 (**Figure 3**). Dam 1 is associated with a natural stormwater drainage depression/channel flowing from north to south near the western boundary of the site and exiting the site at the south-western corner. Dam 2 is associated with a similar drainage channel commencing near the centre of Lot 1 and exiting the site in the south-eastern corner between the School and the Our Lady of Mount Carmel Catholic Church.

As development across the site occurred, so were new dams constructed. Including:

- ◇ Dam 3 (between 1956 and 1961) – To the south of Dam 2 (**Figure 4**).
- ◇ Dam 4 (between 1961 and 1965) – To the south of Dam 1 and in the southern corner of Lot 1 (**Figure 5**).
- ◇ Dam 5 (between 1975 and 1984) – To the west of Dam 2 and centrally to the site (**Figure 6a**)
- ◇ Dam 6 (between 1975 and 1984) – To the west of the Community Hall and north of the school on Lot 20 (**Figure 6b**).



- ◇ Dams 7 and 8 (between 1984 and 1994) – At the northern end of the site and associated with the Carmel House Convent (**Figure 7a**).

Based on our review of the aerial photographs and our site inspection, all eight dams are still present across the site. Furthermore, most of the drainage channels across the site appear to be un-altered by human involvement. The exception is the drainage channel in the southern corner of the site (and Lot 20). Sometime between 1984 and 1994, the original channel which meandered beyond the western boundary had been re-aligned and this work corresponded to the construction of a residential subdivision beyond the site to the south-west.

Approximately 6 years ago, the Friars commenced an environmental greening project on land to the south and west of dam 2 and dam 3. The project involved slashing followed by ploughing, followed by fencing, followed by volunteer teams planting many punnets of native Cumberland Woodland tree varieties. Water for the project is pumped from the nearest dam (dam 2) through a still existing shallow underground rural poly irrigation system. GEE understands that no chemicals have been used as part of this project.

3.2.6 Surrounding Land

Surrounding land and land-use activities have the potential to cause contamination of the site via groundwater or surface water migration. Notwithstanding this, the aerial photographs do not reveal any significantly contaminating activities associated with the surrounding land. Like the site, the surrounding land was originally dominated by predominately large scale rural agricultural land and over time there has been a transition to smaller scale and predominately residential properties.

3.3 *BUSINESS DIRECTORY LISTINGS*

A search of available business directory records between 1950 and 1991. and within 150m of the site, was completed by Lotsearch Pty Ltd (**Appendix B**) to assist with determining any past land-use activities, and past land-use activities that may cause contamination. However, there were no available records within the buffer.

3.4 *COUNCIL RECORDS*

GEE made an enquiry with Campbelltown City Council about past development applications and approvals relating to the site which can provide an indication of past land-use activities. In summary, no additional and relevant records were obtained.



3.5 HISTORICAL INTERNET SEARCH

GEE completed a search of historical information relating to the site, but no relevant information was obtained apart from websites for the existing developments on the site which provided some background to the history of these developments.

3.6 CONTAMINATED LAND DATABASE

A search of the contaminated land database was conducted by Lotsearch Pty Ltd (**Appendix C**) and revealed there has been no record of written notices issued on the site, by the EPA, under the Contaminated Land Management Act 1997 (CLM Act), including preliminary investigation orders. Additionally, the site has never been notified to the EPA under Section 60 duty to report contaminated sites, of the CLM Act.

Additionally, there were no properties within 1km of the site which have been notified to the NSW EPA under Section 60 of the CLM Act or had contamination notices issued on them by the EPA.

3.7 EPA PFAS INVESTIGATION PROGRAM

A search of sites that are part of the EPA, Defence or Airservices Australia PFAS investigation programs was completed by Lotsearch (**Appendix C**) and it revealed no records within the search buffer of 1km.

3.8 POEO REGISTER SEARCH

A search of the NSW EPA Protection of the Environment Act public register of licence, applications and notices was undertaken which contains information on:

- ◇ environment protection licences.
- ◇ applications for new licences and to transfer or vary existing licences.
- ◇ environment protection and noise control notices.
- ◇ penalty notices issued by the EPA.
- ◇ convictions in prosecutions under the POEO Act.
- ◇ the results of civil proceedings.
- ◇ licence review information.
- ◇ exemptions from the provisions of the POEO Act or regulations.
- ◇ approvals granted under clause 9 of the POEO (Control of Burning) Regulation.
- ◇ approvals granted under clause 7A of the POEO (Clean Air) Regulation.



- ◇ any mandatory audits required to be undertaken in relation to a licence.
- ◇ each pollution study required by a condition of a licence.
- ◇ each pollution reduction program required by a condition of a licence; and
- ◇ each penalty notice issued in relation to a premises.

The search did not identify any records for the site, or for any properties located within 1km of the site.

3.9 **SAFework NSW**

GEE conducted a search of dangerous good licences with SafeWork NSW in an attempt to obtain additional information on the former UST on Lot 1 in DP121046, and potentially if there were any other dangerous goods stores across the site. The search did not provide any information about USTs or any other dangerous goods on the site and a copy of the confirmation email from SafeWork NSW is provided in **Appendix E**.

3.10 **HERITAGE REGISTERS**

A search of commonwealth, state and local heritage registers was completed by Lotsearch (**Appendix C**) and the search found no heritage items associated with the site.

3.11 **SUMMARY OF SITE HISTORY INFORMATION**

3.11.1 The Site

Based on review of the historical information, the site was originally part of a larger rural land holding that was used for grazing purposes. In the earliest available aerial photograph of 1947 to at least 1956, the only man-made structures across the site were two small farm dams within Lot 1 (Dam 1 and 2 - **Figure 3**).

It is possible that the existing allotments were largely formed in the late 1950s and soon thereafter (before 1961) initial development of the site took place. This included a farmhouse and two detached sheds (a work shed and a hay barn/milking shed) situated midway along the eastern boundary of Lot 1 (**Figure 3**). Between the two sheds were some holding yards for livestock. Two new dams were also constructed, with Dam 3 located to the south and downstream of Dam 2 (**Figure 4**), while Dam 4 located to the south and downstream of Dam 1 (**Figure 5**).

In June 1964, the entire site was purchased by the Discalced Carmelite Fathers of Queensland before the ownership of Lot 1 was transferred to the current legal owner "The Trustees of the Discalced Carmelite Fathers of Queensland" in 1970, and the ownership of



Lot 20 was transferred to "The Discalced Carmelite Fathers" in 1985. Notwithstanding the different legal entities of today, both lots have ultimately been owned by the same group of Carmelites since 1964. Initially the Friars of the Discalced Carmelite Fathers used the original farmhouse for accommodations and continued to use the remainder of the site for grazing.

A timeline of subsequent development of the site by the Discalced Carmelite Fathers is provided below:

Dates	Development
1965 - 1970	<u>210 Spitfire Drive (Current School)</u> --
	<u>193 St Andrews Road (Current Church / Community Hall)</u> --
	<u>247 St Andrews Road (Current Priory and Retreat Centre Land)</u> The existing retreat centre and connected Church to the east of the original farmhouse building was constructed. According to discussions with one of the Carmelite Fathers, as well as accommodation for retreatants, the retreat centre accommodated the Friars Community and Novitiate. While the farmhouse was also used for accommodation.
	During this time period, a brick piggery and associated pens and sheds were also added to the west and south-west of the Hay Barn/Milking Shed. Refer to Figure 5 .
	<u>345 St Andrews Road (Current Convent)</u> --



1975 – 1984	<p><u>210 Spitfire Drive (Current School)</u> --</p> <p><u>193 St Andrews Road (Current Church / Community Hall)</u> The existing community hall building and attached awning and metal shed, were constructed, along with a new dam (Dam 6) to the west of the community Hall (Refer to Figure 6b).</p> <p><u>247 St Andrews Road (Current Priory and Retreat Centre Land)</u> A new dwelling was constructed to the north of the Church to accommodate the transferred Novitiate. This dwelling remains on the site and is now the retreat centre manager's residence.</p> <p>A single prefabricated timber hermitage hut (referred to as St Teresa's hermitage) was also constructed to the south of the original farmhouse. Finally, a new dam (Dam 5) was constructed to the west of pre-existing dams 2 and 3. Refer to Figure 6a.</p> <p><u>345 St Andrews Road (Current Convent)</u> --</p>
1984 – 1994	<p><u>210 Spitfire Drive (Current School)</u> The existing Mount Carmel Catholic College was constructed and according to their website, the school opened in 1986 (Figure 7b).</p> <p>Also - the original stormwater drainage channel to the west of the school, which also meandered beyond the western boundary, had been re-aligned and this work corresponded to the construction of a residential subdivision beyond the site to the south-west.</p> <p><u>193 St Andrews Road (Current Church / Community Hall)</u> The Our Lady of Mount Carmel Catholic Church was constructed (Figure 7b). A small shed was also added between the community Hall and The Church.</p> <p><u>247 St Andrews Road (Current Priory and Retreat Centre Land)</u> A second timber hermitage hut (referred to as St Anthony's) was added to the south of the original farmhouse.</p>



	<p><u>345 St Andrews Road (Current Convent)</u></p> <p>The existing Carmel of Mary and Joseph Convent was constructed (Refer to Figure 7a) and according to their website, was completed Circa 1989. The convent included a Chapel/Church, detached hermitage, detached visitors' cottage, detached garden shed, swimming pool, and an asphalt paved access road and carparking area.</p> <p>There were also two new dams (Dams 7 and 8) associated with the Convent development.</p>
1994 – 1998	<p><u>210 Spitfire Drive (Current School)</u></p> <p>There was a new addition to the school.</p> <p><u>193 St Andrews Road (Current Church / Community Hall)</u></p> <p>--</p> <p><u>247 St Andrews Road (Current Priory and Retreat Centre Land)</u></p> <p>--</p> <p><u>345 St Andrews Road (Current Convent)</u></p> <p>--</p>
1998 – 2000	<p><u>210 Spitfire Drive (Current School)</u></p> <p>There were some stockpiles of soil placed on the land to the west of the school and appeared to be related to earthworks occurring beyond the site to the south-east (Figure 8).</p> <p><u>193 St Andrews Road (Current Church / Community Hall)</u></p> <p>--</p> <p><u>247 St Andrews Road (Current Priory and Retreat Centre Land)</u></p> <p>The brick piggery and associated structures have been demolished and cleared from site, although there appears to be some residual stockpiles present.</p> <p><u>345 St Andrews Road (Current Convent)</u></p> <p>--</p>



2000 - 2005	<p><u>210 Spitfire Drive (Current School)</u> The former stockpiles to the west of the school have been cleared from site, while there have been new additions to the school.</p> <p><u>193 St Andrews Road (Current Church / Community Hall)</u> --</p> <p><u>247 St Andrews Road (Current Priory and Retreat Centre Land)</u> --</p> <p><u>345 St Andrews Road (Current Convent)</u> --</p>
2009 - 2014	<p><u>210 Spitfire Drive (Current School)</u> --</p> <p><u>193 St Andrews Road (Current Church / Community Hall)</u> --</p> <p><u>247 St Andrews Road (Current Priory and Retreat Centre Land)</u> The former farmhouse, work shed, holding yards and the Hay Barn/Milking Shed have been demolished and the existing priory buildings constructed. An aerial image from 2011 at the start of the construction of the Priory is provided as Figure 9.</p> <p><u>345 St Andrews Road (Current Convent)</u> --</p>
2014 to Present	<p><u>210 Spitfire Drive (Current School)</u> --</p> <p><u>193 St Andrews Road (Current Church / Community Hall)</u> --</p> <p><u>247 St Andrews Road (Current Priory and Retreat Centre Land)</u> The only change appeared to be the construction of the metal shed and carport to the east of the dwelling which is associated with the Retreat Centre. This is understood to have occurred Circa 2017.</p> <p><u>345 St Andrews Road (Current Convent)</u> --</p>



In summary, the historical information revealed that the main potential for contamination relates to the disused fuel UST and associated infrastructure (i.e. the fuel dispenser/bowser) which GEE understands has been decommissioned.

Elsewhere, the age of the original farmhouse and associated structures (hay barn/milking shed, work shed and piggery) suggests that Asbestos Containing Material (ACM) and lead based paints may have been used. If they were used then any renovations or maintenance work over the years, and their subsequent demolition, could have resulted in near surface soils being impacted.

3.11.2 Surrounding Land

Surrounding land and land-use activities have the potential to cause contamination of the site via groundwater or surface water migration. Notwithstanding this, the available historical information did not reveal any significantly contaminating activities associated with the surrounding land. Like the site, the surrounding land was originally dominated by predominately large scale rural agricultural land and over time there has been a transition to smaller scale and predominately residential properties.



4 SITE CONDITION AND SURROUNDING ENVIRONMENT

This section of the report provides a detailed description of the physical and environmental setting of the site, including a description of the site and the presence of any visible signs of contamination.

4.1 SITE DESCRIPTION

As previously mentioned, the site is broadly separated into four separate addresses/developments with rural grazing land beyond. A description of these area is provided in the following sub-sections.

4.1.1 210 Spitfire Drive

This part of the site is at the southern end of Lot 20 and is occupied by the Mount Carmel Catholic College. The school could not be accessed for a detailed inspection; however, the buildings were observed to be relatively modern which supports the historical information. Furthermore, a walk over inspection of land around the school did not identify any obvious areas of environmental concern.

A site plan showing the existing site features is provided as **Figure 10**, while photographs taken by GEE on the 27th August 2021 are provided for reference as Plates 1 to 2 below.



Plate 1: View towards the North and the School from Spitfire Drive.



Plate 2: View towards the North across land immediately to the west of the school.

4.1.2 193 St Andrews Road

This part of the site is occupied by the Our Lady of Mount Carmel Catholic Church and a separate Community Hall. Attached to the northern side of the Community Hall was an awning and an attached shed. A second detached shed was immediately to the north.

Both the Church and Community Hall buildings were clad with brick and had a metal roof. The awning and shed attached to the northern side of the Community Hall were both metal clad. Access to this part of the site is possible from St Andrews Road via two asphalt paved roads. These roads also connect to asphalt paved carparking areas. Elsewhere the surface is predominately covered by lawns with several mature trees. An intermittent stormwater drainage channel flows from north to south behind the Church and Community Hall.

At the time of our site inspection, the community Hall, awning and shed were being temporarily used as an early learning / child-care centre and included a small playground in front of the awning and shed. Finally, a walk over the grazing land further to the west revealed no obvious areas of environmental concern.

A site plan showing the existing site features is provided as **Figure 11**, while photographs taken by GEE on the 27th August 2021 are provided for reference as Plates 3 to 8 below.



Plate 3: View towards the Northwest from St Andrews Road and showing the brick Community Hall Building.



Plate 4: View to the southwest showing the northern side of the Community Hall and adjacent parking area.



Plate 5: View towards the west showing the metal awning and two metal sheds on the northern side of the Community Hall.



Plate 6: View of the Church from the south-east.



Plate 7: View of the Church from the north.



Plate 8: View to the north between the Church and Drainage Channel.



4.1.3 247 St Andrews Road

This part of the site is occupied by the Mount Carmel Priory and Mount Carmel Retreat Centre. There is also a church attached to the retreat centre and a dwelling further to the north which is for the manager of the retreat centre.

The Church and Retreat Centre are attached by a breezeway and are both clad with brick and have a metals roof. The retreat centre comprises accommodation, amenities and function rooms, and as previously mentioned, also included the Friars' Community and Novitiate. To the north of the Church is a weatherboard dwelling with metal roof and an associated metal shed and open metal carport, both of which are used by the Retreat Centre manager.

To the west of the Church is the Priory which comprises several connected buildings and includes accommodation and common rooms and a garage / work shed at the western end.

To the south of the Priory were two detached, prefabricated timber hermitage huts that were designed after a Mongolian Yurt and used by individuals for solitude and prayer. The western hut is called St Anthony's and the eastern hut is called St Teresa's.

Access to this part of the site is possible from St Andrews Road via two asphalt paved roads. These roads also connect to an asphalt paved carparking area to the south of the Priory buildings and adjacent to the two huts.

Beyond the Priory buildings to the west, where the former piggery was situated, was some obviously disturbed ground with building waste sporadically present on the surface including bricks, concrete, plastic, ceramic and steel (Refer to Plates 17 to 20 below). The waste debris is likely from the demolition of the former piggery in the late 1990s, however, there was some sizeable steel reinforcement protruding from the ground in one area which is not consistent with a predominately brick piggery and suggests that the waste may be from elsewhere and other structures. No obvious Asbestos Containing Material (ACM) was observed; however, it is likely that the waste debris is not restricted to the surface and more waste is buried in this part of the site. A plan showing the possible extent of disturbed terrain is provided as **Figure 13** along with a recent aerial photograph.

A walk over the grazing land further to the west revealed no obvious areas of environmental concern. However, there was several stockpiles of waste material to the south-west of the Priory and near the centre of Lot 1 (Coordinates of -34.004060, 150.815500 - **Figure 14**). The waste has been placed here over time by the Friars and



our inspection identified, timber fence panels, metal sheeting, fencing wire, bricks, plastics, concrete, soil stockpiles, PVC pipe segments, steel gates, timber logs and two bathtubs (Refer to Plates 21 to 24 below). Importantly, there was no obvious ACM present.

A site plan showing the existing site features is provided as **Figure 12**, while photographs taken by GEE on the 27th August 2021 are provided for reference as Plates 9 to 24 below.



Plate 9: View towards the south-east towards the Priors Buildings. The garage/work shed is the green building to the right.



Plate 10: The St Anthony's timber hermitage hut.



Plate 11: View towards the north-east of the Priory entrance.



Plate 12: View of the western side (rear) of the Church.



Plate 13: View towards the north-west of the retreat centre building.



Plate 14: View to the north showing the front of the retreat centre with the Church in the background.



Plate 15: View to the north showing the southern end of the retreat centre and the two septic tanks in the foreground which service the Priory and Retreat Centre and pumps into public sewage



mains at the College. Camel House also feeds into this system, joining it at the shed area of the Priory.



Plate 16: View to the west across the area of the former Piggery.



Plate 17: Example of waste debris at the location of the former Piggery.



Plate 18: Example of waste debris at the location of the former Piggery. Includes plastic and steel pipes, brick and concrete.



Plate 19: Example of waste debris at the location of the former Piggery including steel reinforcement protruding from the ground.



Plate 20: Example of Waste Stockpiles to the south-west of the Priory and near Dam 5.



Plate 21: Example of Waste Stockpiles to the south-west of the Priory and near Dam 5.



Plate 22: Example of Waste Stockpiles to the south-west of the Priory and near Dam 5.



Plate 23: Example of Waste Stockpiles to the south-west of the Priory and near Dam 5.



Plate 24: Example of Waste Stockpiles to the south-west of the Priory and near Dam 5.

4.1.4 345 St Andrews Road

This part of the site is occupied by the Carmel of Mary and Joseph Convent (Carmel House). The convent comprised an interconnected brick building with a tiled roof and included a church/chapel at the northern end, common rooms, amenities and accommodation. A hermitage is located south of the complex.

On the western side of the convent building was an in-ground swimming pool, a detached garden shed and two other smaller metals sheds. A septic system serves the convent and is situated to the south of the main building, discharging via the Priory/Retreat Centre and Mt Carmel College into public mains.

Access to this part of the site is possible from St Andrews Road via a single asphalt paved road which leads to a carparking area at the northern end of the convent. Surrounding land is predominately covered by grass with several mature trees, particularly to the north, and north-west along the boundary with St Andrews Road. Finally, there was a dam to the east of the convent (which is referred to herein as Dam 7) and another smaller dam to the west (Dam 8) which was predominately overgrown with reeds.

A site plan showing the existing site features is provided as **Figure 15**, while photographs taken by GEE on the 27th August 2021 are provided for reference as Plates 25 to 32 below.



Plate 25: View towards the south along the eastern side of the convent.



Plate 26: View towards the north along the eastern side of the convent.



Plate 27: View towards the north-east showing the front half of the convent building.



Plate 28: The in-ground swimming pool on the western side of the convent.



Plate 29: The detached garden shed to the west of the convent.



Plate 30: A metal shed to the south-west of the convent.



Plate 31: View to the south and at the southern end of the convent showing the septic system and the effluent disposal area beyond.



Plate 32: View towards the north towards the entrance and showing the detached dwelling for visitors.



4.1.5 Tanks and Associated Services

There was no evidence of under-ground or above-ground, fuel or chemical, storage tanks observed on the site. However, GEE understands that an underground storage tank (UST) and associated bowser had previously existed between the Retreat Centre and the existing large carpark. The UST and bowser were installed around the same time as the Retreat Centre building (i.e. around the late 1960s) before becoming disused in the 1980s and then filled around the same time that the Priory was constructed (i.e. Circa 2010). The UST contained petrol (presumably leaded petrol). The only other tanks observed on site were septic tanks serving the various developments.

4.1.6 Fill

Based on the regional topography and the site inspection, it was considered likely that the site has been subjected to significant filling. However, with any development there is potential for fill material to have been imported to site to raise levels above predicted flood levels, or to create a level building platform. When sourced from an unknown location the quality of fill material is also unknown and potentially contaminated.

4.1.7 Surface Odours and Staining

No unusual odours or surface staining that could be potentially associated with contamination were noted during the site inspection.

4.2 ***SURROUNDING LAND USES AND ACTIVITIES***

Surrounding land uses observed from the aerial photographs and our site inspection were a mix of rural and residential properties with no obvious association with significantly contaminating activities.

4.3 ***TOPOGRAPHY***

The site is located on across an undulating terrain which dips down to the south. According to the survey plan (**Appendix A**), the surface elevations across the site vary from a low of approximately 45m above Australian Height Datum (AHD) at the southern boundary to approximately 120m above Australian Height Datum (AHD) at the northern boundary.



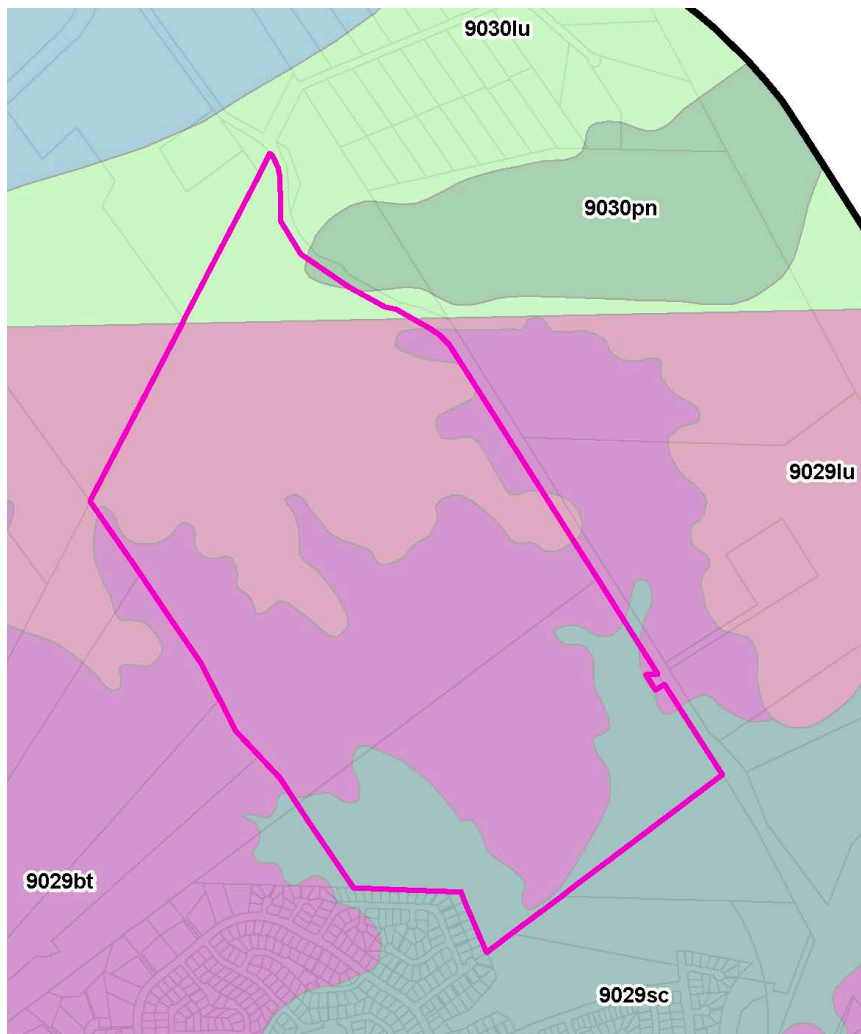
4.4 REGIONAL GEOLOGY AND SOILS

A review of the regional 1:100,000 geological maps (reference 4 and 5) indicates that the site is underlain by the Late Triassic aged Bringelly Shale formation of the Wianamatta Group which typically consists of shale, carbonaceous claystone, laminite and coal in parts.

A review of the regional soils maps (reference 6 and 7) indicates that the site extends across the following three soil landscape groups:

- ◇ Luddenham (9030lu and 9029lu) – This soil group is characterised by undulating to rolling low hills on Wianamatta Group Shale and also often associated with Minchinbury Sandstone where local reliefs of 50 - 80 m occur resulting in slopes of 5-20 %. This is an erosional unit with shallow (<1 m) brown podzolic soils and massive earthy clay on crests and ridges and moderately deep (0.7 - 1.5 m) red podzolic soils on upper slopes.
- ◇ Blacktown (9029bt) – This soil group is associated with gently undulating rises on the underlying shale formation. Local reliefs are up to 30m and slopes are usually less than 5% in gradient. Soils of the Blacktown Group typically comprise heavy clays that have been derived from the weathering process of shale bedrock, have low fertility and are often strongly acidic.
- ◇ South Creek (9029sc) - The South Creek soil group is known to comprise Quaternary aged alluvium derived from Wianamatta Group shales and Hawkesbury Sandstone. The soil types often found in this group are clay loams and clay.

The extent of each of the soil landscape groups across the site are shown below:



4.5 GROUNDWATER / HYDROGEOLOGY

Based on local knowledge and the regional geological information, it is expected that the groundwater in the vicinity of the site is likely to be confined, or partly confined, within discrete water-bearing zones within the bedrock formation. However, intermittent 'perched' water seepage is possible at the soil-bedrock interface following heavy and prolonged rainfall events.

The direction of groundwater flow is expected to follow the surface and regional topography and flow towards the south.



5 CONCEPTUAL SITE MODEL

The conceptual site model (CSM) is a representation, or summary, of information obtained regarding potential contamination sources, receptors and exposure pathways between the sources and receptors. The key elements of a CSM include:

- ◇ known and potential sources of contamination, areas of environmental concern (AEC) and chemicals of potential concern (CoPC), including the mechanisms of contamination (such as 'top down' spills or sub-surface releases from corroded tanks or pipes),
- ◇ potentially affected media (such as soil, sediment, groundwater, surface water, indoor and ambient air),
- ◇ human and ecological receptors, and
- ◇ potential and complete exposure pathways.

GEE notes that this CSM is based on existing information and will require revision once more information is obtained.

5.1 *POTENTIAL SOURCES OF CONTAMINATION*

Based on the site history information, combined with a review of the site's physical and environmental setting, the site and the properties within close proximity, have not been subjected to significant potentially contaminating activities such as those listed in Table 1 of SEPP 55 (reference 1). The main areas of environmental concern (AEC) and potential for contamination (albeit minor) are summarised below in **Table 1** along with the corresponding Chemical of Potential Concern (CoPC).



Table 1: Potential Contamination Sources and CoPC

Area of Environmental Concern (AEC)	Potential Contaminating Source	Chemical of Potential Concern (CoPC)
On-Site		
<p>Lot 1 – 247 St Andrews Road</p> <p>Disused UST/Bowser (Figure 6a)</p>	<p>The UST/bowser is disused and recently decommissioned by removing the bowser and filling the UST.</p> <p>However, this could have resulted in 'top down' spills or leaks of oil or fuel. Also, the USTs and associated pipework has the potential to cause significant soil and groundwater contamination from leakage.</p>	<p>TRH, BTEXN, PAHs, Phenols & Lead</p>
	<p>Beyond the Priory buildings to the west, and in the vicinity of the former piggery, was some obviously disturbed ground with building waste sporadically present on the surface which included bricks, concrete, plastic, ceramic and steel (Figure 13). The waste debris is likely from the demolition of the former piggery in the late 1990s, however, there was some sizeable steel reinforcement protruding from the ground in one area which is not consistent with a predominately brick piggery and suggests that the waste may be from elsewhere and other structures. No obvious ACM was observed; however, it is likely that the waste debris is not restricted to the surface and more waste is buried in this part of the site.</p>	<p>Metals, Polycyclic Aromatic Hydrocarbons (PAHs), Total Recoverable Hydrocarbons (TRH), Benzene, Toluene, Ethylbenzene, Xylene and Naphthalene (BTEXN), Pesticides (OCPs), PCBs and Asbestos²</p>
<p>Lot 1 – 247 St Andrews Road</p> <p>Former Development (Figure 13)</p>	<p>There were a number of buildings and associated structures in this part of the site which were constructed between the late 1950s to the Late 1960s, which have since been demolished (Figure 13). Given the age of these structures, ACM and lead based paints may have been used. Therefore, any renovations or maintenance work over the years, and their subsequent demolition, may have resulted in near surface soils being impacted with lead and/or ACM.</p>	<p>Lead and Asbestos</p>
<p>Lot 1 – 247 St Andrews Road</p> <p>Waste Stockpiles (Figure 14)</p>	<p>There are several stockpiles of waste material to the south-west of the Priory and near the centre of Lot 1 (Coordinates of -34.004060, 150.815500). The waste material has been placed here over time by the Friars and our inspection identified, timber fence panels, metal sheeting, fencing wire, bricks,</p>	<p>Metals, TRH, BTEXN and Asbestos</p>

² These are common contaminants of concern for developed areas across Sydney.



	<p>plastics, concrete, soil stockpiles, PVC pipe segments, steel gates, timber logs and two bathtubs (Refer to Plates 21 to 24 below). Importantly, there was no obvious ACM present, however the waste represents adverse aesthetics and should be addressed prior to any future development of this land.</p>	
<p>Lot 20 – West of 210 Spitfire Road Figure 7b) –</p> <p>Re-alignment of Natural Drainage Channel</p>	<p>The natural drainage channel in the southern corner of the site (and Lot 20) was re-aligned between 1984 and 1994 and this coincided with the construction of the residential subdivision beyond the site to the south and south-west.</p> <p>This work may have included filling and when sourced from an unknown location the quality of fill material is also unknown and potentially contaminated.</p>	<p>Metals, PAHs, TRH, BTEXN, OCPs, PCBs and Asbestos³</p>
<p>Lot 20 – West of 210 Spitfire Road Figure 8) –</p> <p>Soil Stockpiles</p>	<p>Circa 2000, some stockpiles of soil placed on the land to the west of the school and appeared to be related to earthworks occurring beyond the site to the south-east</p> <p>Although the soil stockpiles appeared to have been removed by 2005 (rather than being spread across the site), there is potential for residual contamination from the stockpiles if the soil was contaminated.</p>	<p>Metals, PAHs, TRH, BTEXN, OCPs, PCBs and Asbestos⁴</p>
<p>Lot 1 – 247 & 345 St Andrews Road</p> <p>Lot 20 - 193 St Andrews Road & 210 Spitfire Road</p> <p>Vehicle Accessible Areas / Carparks</p>	<p>Vehicles accessing and parking on site may have resulted in leaks and spillage of fuel and oils.</p>	<p>TRH, BTEXN, Lead and PAHs</p>

5.2 POTENTIAL OR KNOWN CONTAMINATED MEDIA

The main potential contaminated media is the near surface soils/sediment from surface sources of contamination. To a lesser extent is the underlying soil profile, because there is always potential for contaminants in the near surface soils to leach down through the soil profile. The bedrock formation and groundwater are not expected to be contaminated because the natural soil profile within this part of Sydney comprises low permeable clay.

³ These are common contaminants of concern for developed areas across Sydney.

⁴ These are common contaminants of concern for developed areas across Sydney.



5.3 CONTAMINANT RECEPTORS

Considering the existing land-uses and the fact that the proposed development will cover the entire site, potential receptors to any contamination would include:

Human Receptors

- ◇ Current and future occupants/visitors of the site (adults and children), and
- ◇ Workers (adults) engaged to maintain any buried services/utilities.

Environmental Receptors

- ◇ Soil environments beneath the site and their associated ecosystems.

5.4 POTENTIAL EXPOSURE PATHWAYS

At this preliminary stage, potential exposure pathways include:

- ◇ Direct (dermal) contact for users of the site (via any unsealed areas).
- ◇ Direct (dermal) contact for workers (adults) engaged maintain any buried services/utilities.
- ◇ Vapour intrusion (for any volatile contaminants present).



6 CONCLUSION AND RECOMMENDATIONS

GEE was commissioned by Fr Bernard Hancock OCD, on behalf of the Discalced Carmelite Friars, to undertake a preliminary site contamination assessment, otherwise known as a Stage 1 - Preliminary Site Investigation (Stage 1 PSI), for the site located at 193, 247 & 345 St Andrews Road & 210 Spitfire Drive, Varroville NSW 2566.

The investigation was required to support a planning submission relating to a proposed paper subdivision of the site. No development is proposed under the planning submission.

The objective of the Stage 1 PSI was to address the provisions of the *State Environmental Planning Policy No. 55 – Remediation of Land* by assessing the suitability of the site for the proposed land-use and possible constraints on the proposed subdivision.

The investigation comprised a:

- ◇ Review of the site's history to provide an understanding of past and present site activities which in turn may indicate sources and areas of potential contamination as well as potential chemicals of concern,
- ◇ Review of the environmental and physical setting in which the site lies, and
- ◇ Detailed site inspection for potential sources of contamination.

In summary, the Stage 1 PSI identified some potential sources of contamination associated with the site. To characterise the contamination, GEE recommends that a Stage 2 Detailed Site Investigation (Stage 2 DSI) be completed in accordance with the NSW EPA (2020) *Contaminated Land Guidelines: Consultants Reporting on Contaminated Land* (reference 2) and NEPM (2013) Schedule B(2) *Guideline on Site Characterisation* (reference 3). Although such work is only considered to be relevant as part of any future development submissions in these areas of environmental concern.



7 REFERENCES

1. DUAP (1998): *State Environmental Planning Policy 55 – Remediation of Land*. (Department of Urban Affairs and Planning: Sydney).
2. NSW EPA, 2020: Environment Protection Authority 2020: *Contaminated Land Guidelines: Consultants Reporting on Contaminated Land*. EPA NSW 5 May 2020.
3. NEPM, 2013: *National Environment Protection (Assessment of Site Contamination) Measure 1999 - Schedule B(2) Guideline of Site Characterisation*. As amended 16 May 2013.
4. Department of Mineral Resources, 1985: Wollongong - Port Hacking 1:100,000 Geological Series Map Sheet 9029-9129 (Edition 1).
5. Department of Mineral Resources, 1991 Penrith 1:100,000 *Geological Series Map Sheet 9030 (Edition 1)*.
6. Soil Conservation Service of NSW, 1990: Wollongong - Port Hacking 1:100,000 Soil Landscape Series Sheet 9029-9129 (first edition).
7. Soil Conservation Service of NSW, 1990: *Penrith 1:100,000 Soil Landscape Series Sheet 9030*.



FIGURES

- 1 – SITE LOCATION MAP
- 2 - SITE PLAN - ENTIRE SITE
- 3 - AERIAL PHOTOGRAPH - 1947
- 4 - AERIAL PHOTOGRAPH – 1961
- 5 - AERIAL PHOTOGRAPH - 1970
- 6A - AERIAL PHOTOGRAPH - 1984
- 6B - AERIAL PHOTOGRAPH - 1984
- 7A - AERIAL PHOTOGRAPH – 1994
- 7B - AERIAL PHOTOGRAPH - 1994
- 8 - AERIAL PHOTOGRAPH - 2000
- 9 - AERIAL PHOTOGRAPH - 2011
- 10 - SITE PLAN 210 SPITFIRE DRIVE (MOUNT CARMEL CATHOLIC COLLEGE)
- 11 - SITE PLAN 193 ST ANDREWS ROAD (OUR LADY OF MOUNT CARMEL CATHOLIC CHURCH AND
COMMUNITY HALL)
- 12 - SITE PLAN 247 ST ANDREWS ROAD
- 13 - LOCATION OF FORMER DEVELOPMENT RELATIVE TO EXISTING DEVELOPMENT AT THE PRIORY /
RETREAT CENTRE
- 14 - STOCKPILES OF WASTE TO THE WEST OF THE PRIORY
- 15 - EXISTING DEVELOPMENT 345 ST ANDREWS ROAD

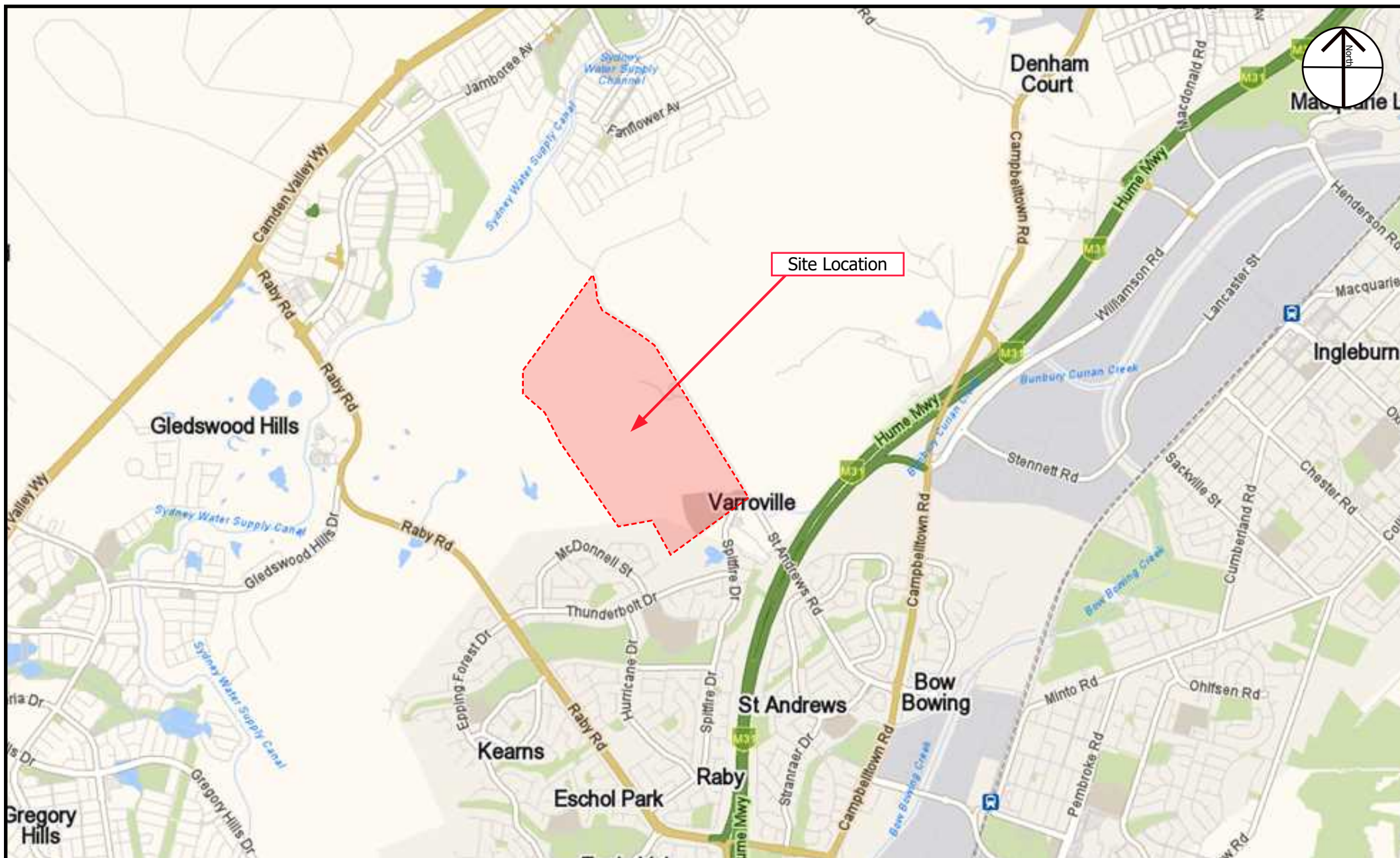


Image Source: www.whereis.com Map data © OpenStreetMap contributors



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TITLE: SITE LOCATION MAP
210 Spitfire Drive & 193, 247 & 345 St
Andrews Road, Varroville NSW

SCALE: N.T.S
DRAWN: S. McC

DATE: 10 Aug 2021
JOB No.: E21010VAR

FIGURE No. 1
REVISION: A

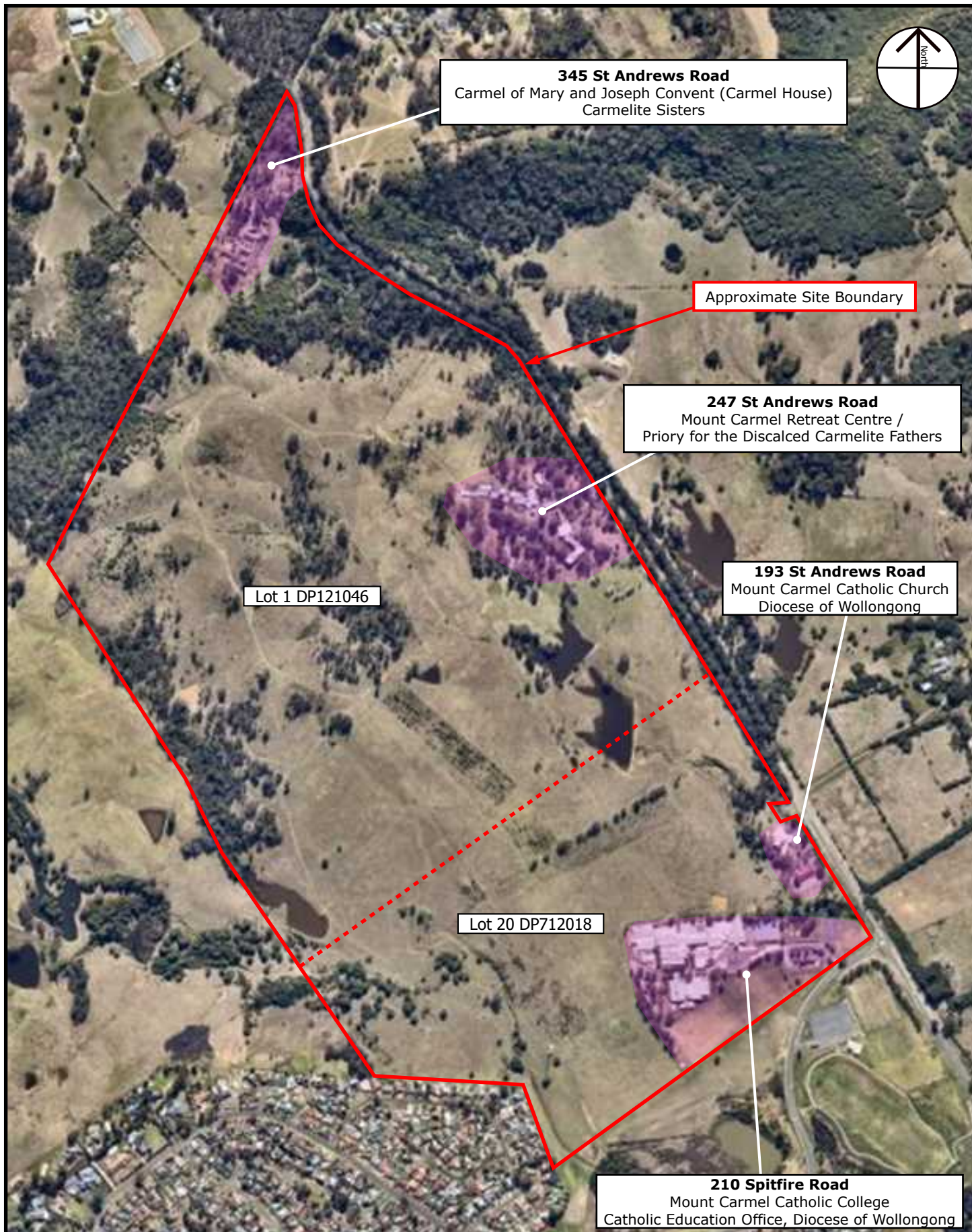


Image Provided by Nearmap (<https://www.nearmap.com/au/en>) - Image Dated: 11th August 2021

DRAWN: S. McC	SCALE: N.T.S	JOB No.: E21010VAR	DATE: 20 Aug 2021	REVISION: A	FIGURE No.: 2
geo-environmental ENGINEERING			TITLE: SITE PLAN Existing Site Allotments and Stakeholders		
82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au					

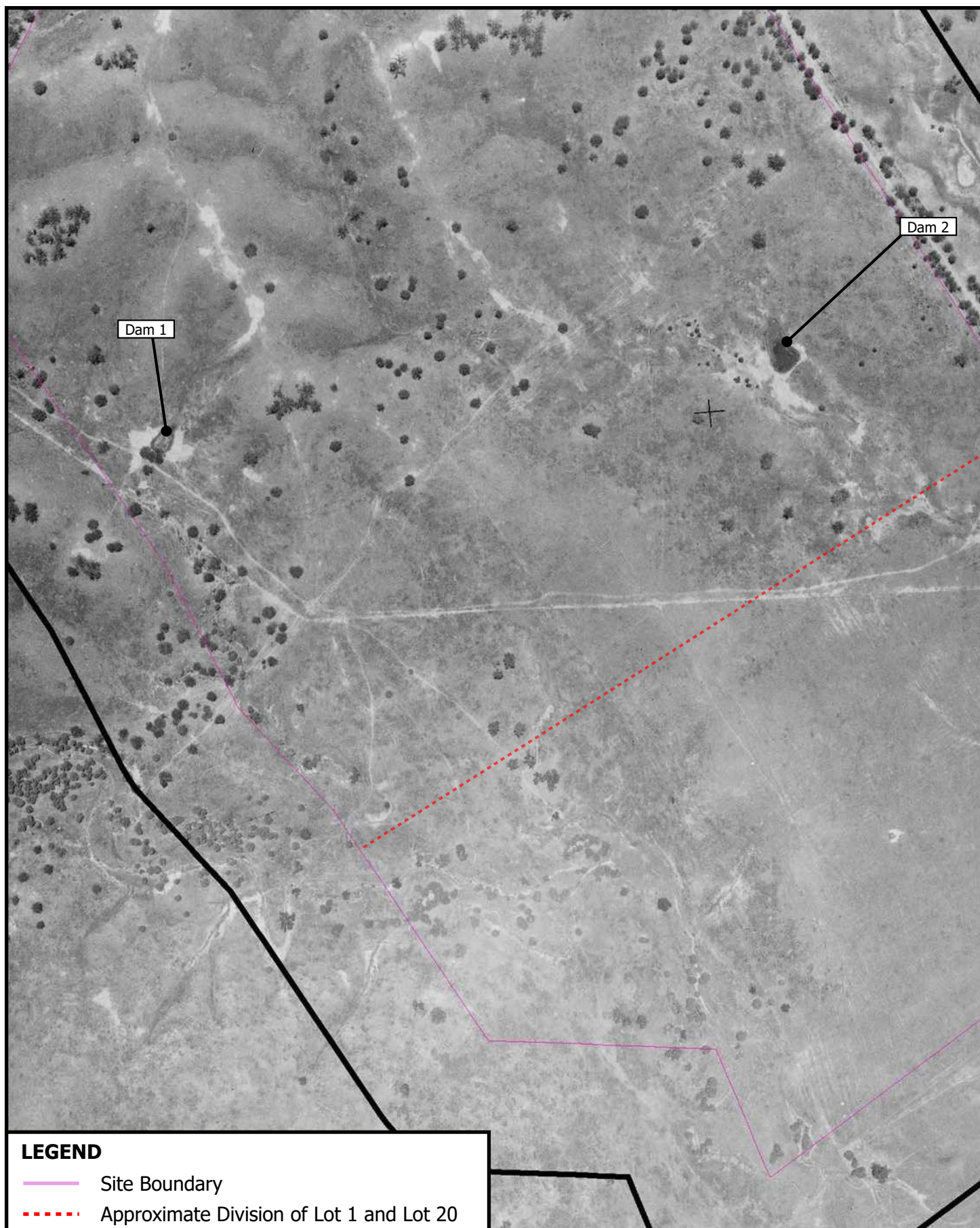


Image provided by Lotsearch Pty Ltd © NSW Department of Customer Service - Image date 1947

DRAWN: S. McC	SCALE: N.T.S	JOB No.: E21010VAR	DATE: 6 Sept 2021	REVISION: A	FIGURE No.: 3
geo-environmental ENGINEERING 			TITLE: Aerial Photograph - 1947		
82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au					

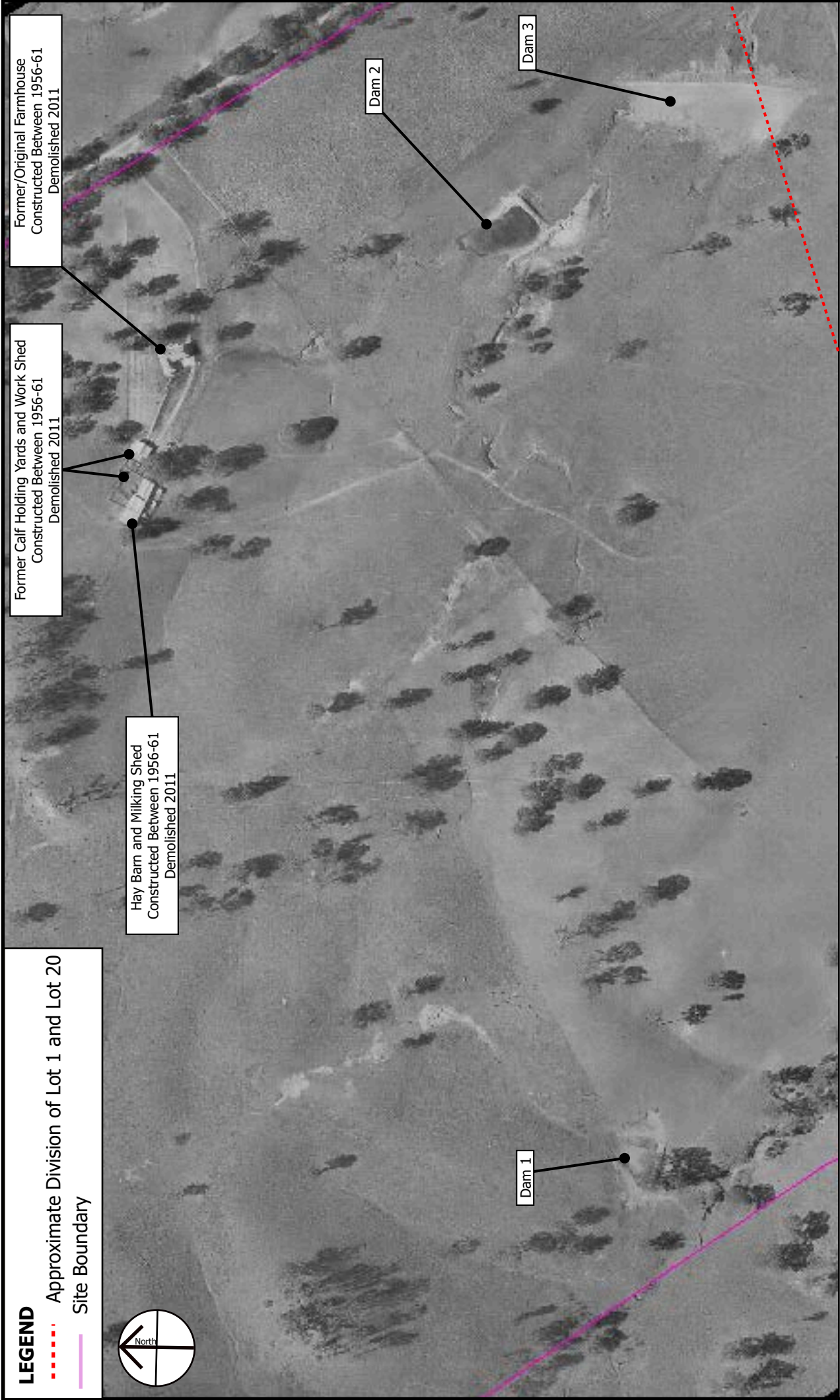
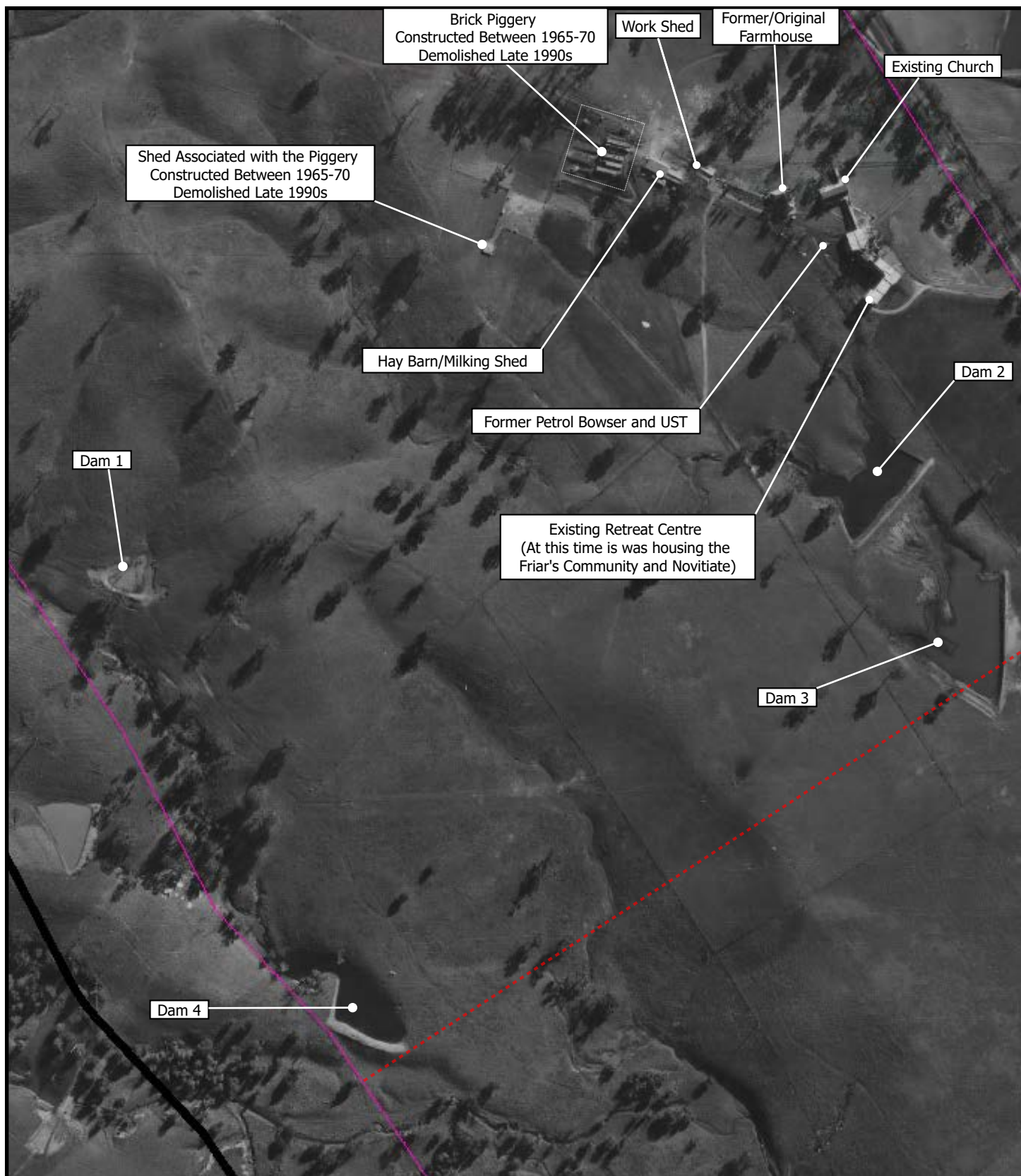


Image provided by Lotsearch Pty Ltd © NSW Department of Customer Service - Image date 1961

 82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au	TITLE: Aerial Photograph - 1961		SCALE: N.T.S	DATE: 6 Sept 2021	FIGURE No.: 4
			DRAWN: S. McC	JOB No.: E21010VAR	REVISION: A

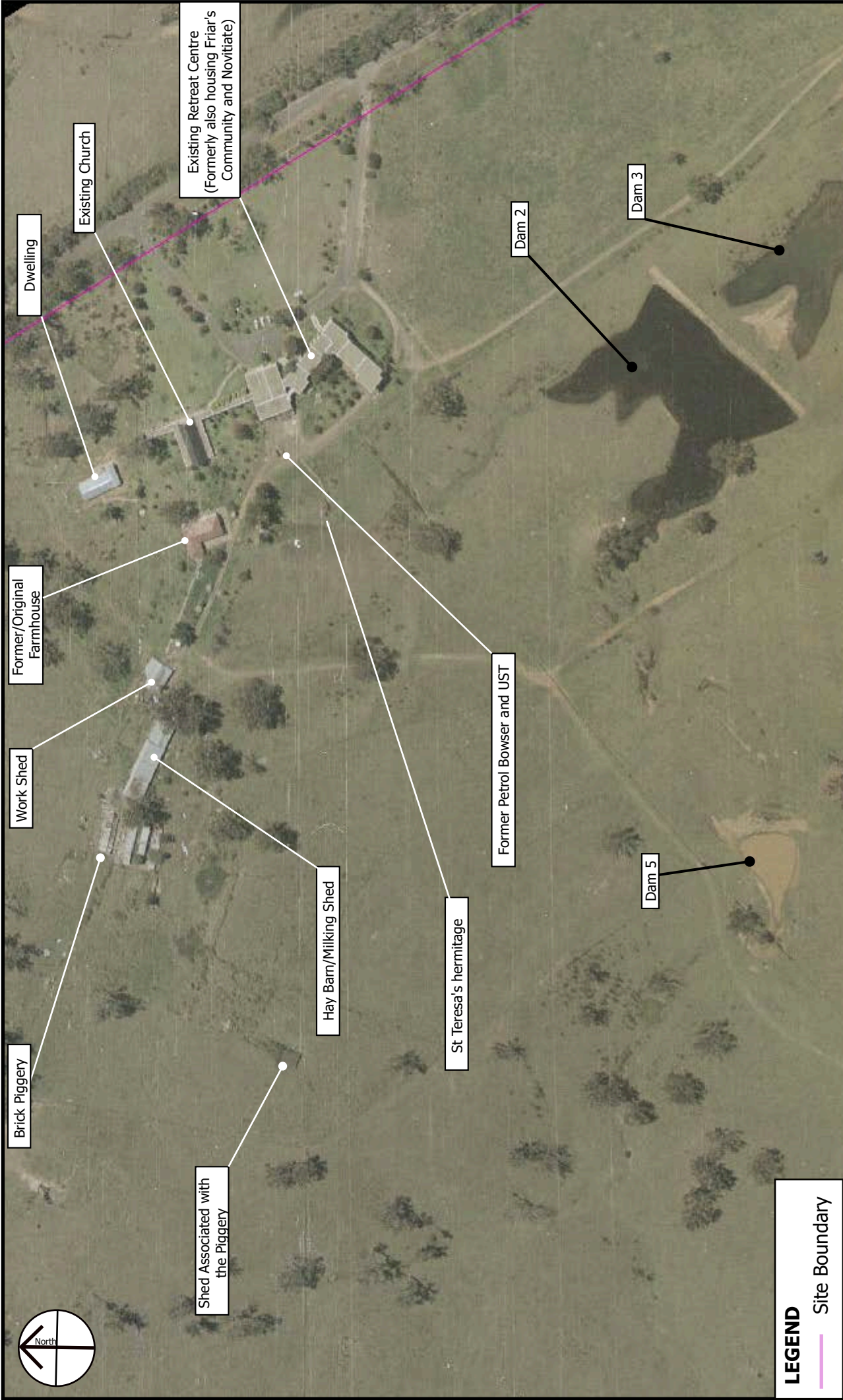


LEGEND

- Site Boundary
- - - Approximate Division of Lot 1 and Lot 20

Image provided by Lotsearch Pty Ltd © NSW Department of Customer Service - Image date 1970

DRAWN: S. McC	SCALE: N.T.S	JOB No.: E21010VAR	DATE: 17 Sept 2021	REVISION: A	FIGURE No.: 5
geo-environmental ENGINEERING			TITLE: Aerial Photograph - 1970		
82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au					



LEGEND

— Site Boundary

Image provided by Lotsearch Pty Ltd © NSW Department of Customer Service - Image date 1984

 <p>82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au</p>	TITLE: Aerial Photograph - 1984		SCALE: N.T.S	DATE: 17 Sept 2021	FIGURE No.: 6a
			DRAWN: S. McC	JOB No.: E21010VAR	REVISION: A



Sydney Water Pump House

Metal Shed

Metal Awning

Dam 6

Community Hall

LEGEND

— Site Boundary



82 BRIDGE STREET
LANE COVE NSW 2066
P - 61 (2) 9420 3361
E - info@geoenvironmental.com.au
www.geoenvironmental.com.au

TITLE:

Aerial Photograph - 1984

SCALE:

N.T.S

DATE:

6 Sept 2021

FIGURE No.:

6b

JOB No.: E21010VAR

REVISION:

A

Image provided by Lotsearch Pty Ltd © NSW Department of Customer Service - Image date 1984

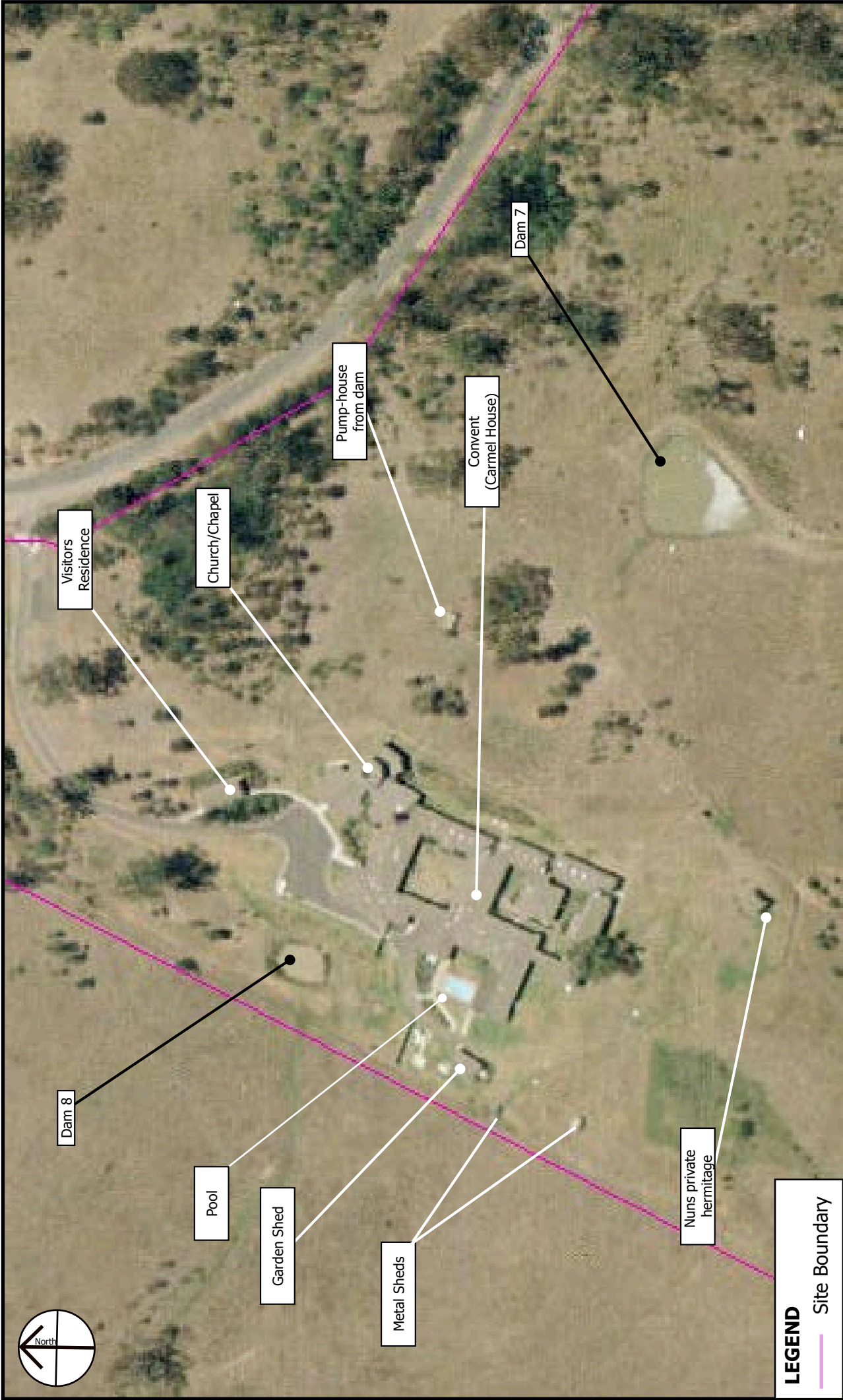


Image provided by Lotsearch Pty Ltd © NSW Department of Customer Service - Image date 1994

 82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au	TITLE: Aerial Photograph - 1994		SCALE: N.T.S	DATE: 17 Sept 2021	FIGURE No.: 7a
			DRAWN: S. McC	JOB No.: E21010VAR	REVISION: A



Our Lady of Mount Carmel Catholic Church

Community Hall

Dam 6

Mount Carmel
Catholic College

LEGEND

Site Boundary

Image provided by Lotsearch Pty Ltd © NSW Department of Customer Service - Image date 1994



82 BRIDGE STREET
LANE COVE NSW 2066
P - 61 (2) 9420 3361
E - info@geoenvironmental.com.au
www.geoenvironmental.com.au

TITLE:

Aerial Photograph - 1994

SCALE:

N.T.S

DATE:

6 Sept 2021

FIGURE No.:

7b

JOB No.:

E21010VAR

REVISION:

A

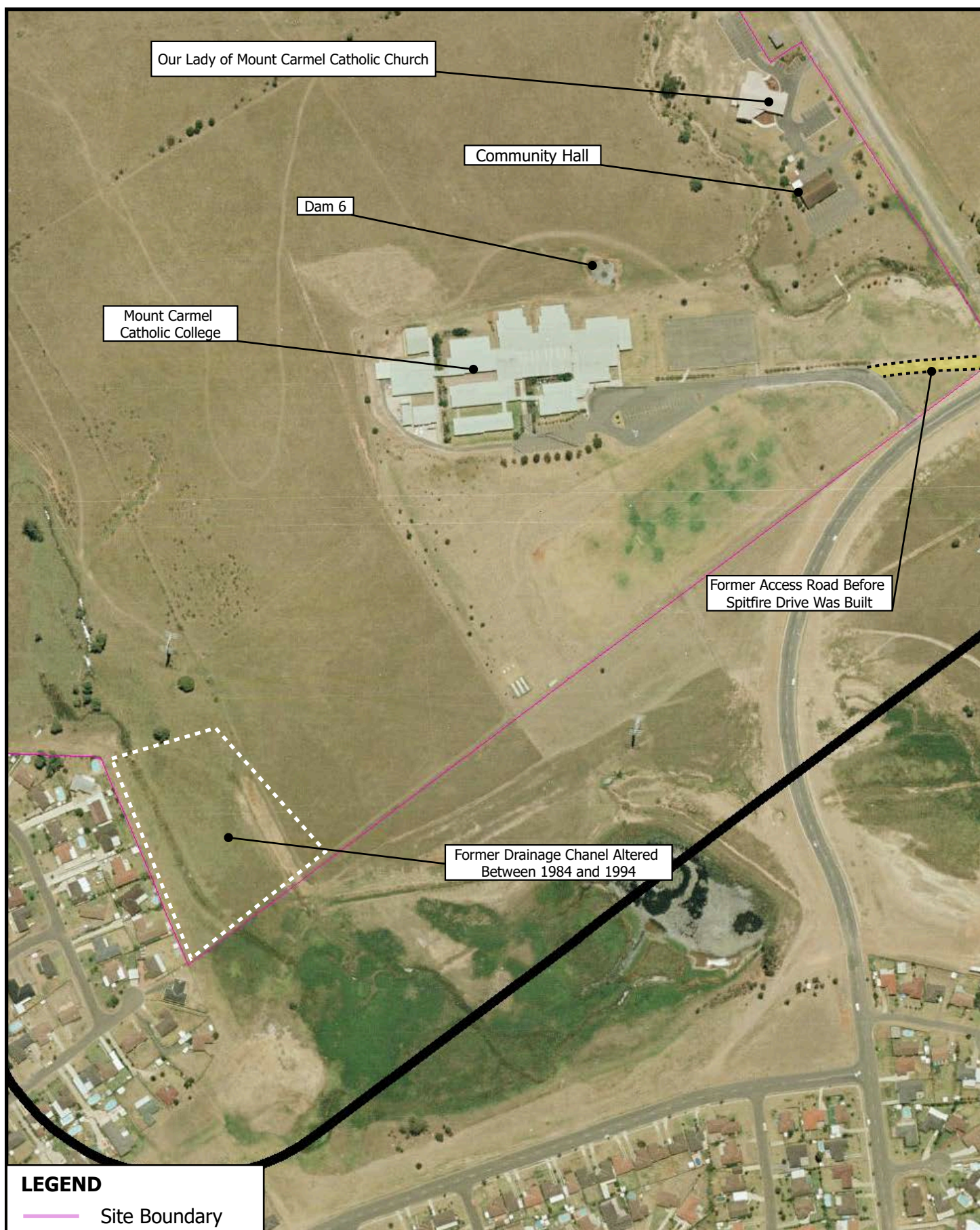


Image provided by Lotsearch Pty Ltd © NSW Department of Customer Service - Image date 1994

DRAWN: S. McC	SCALE: N.T.S	JOB No.: E21010VAR	DATE: 6 Sept 2021	REVISION: A	FIGURE No.: 7b
geo-environmental ENGINEERING			TITLE: Aerial Photograph - 1994		
82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au					



Mount Carmel
Catholic College

Ground Disturbance /
Stockpiles Likely Associated
with Earthworks to the
south-east

LEGEND

Site Boundary



82 BRIDGE STREET
LANE COVE NSW 2066
P - 61 (2) 9420 3361
E - info@geoenvironmental.com.au
www.geoenvironmental.com.au

TITLE:

Aerial Photograph - 2000

SCALE:

N.T.S

DATE:

6 Sept 2021

FIGURE No.:

8

JOB No.:

E21010VAR

REVISION:

A

Image provided by Lotsearch Pty Ltd © NSW Department of Customer Service - Image date 2000



LEGEND

Former Structures

Site Boundary

Image provided by Lotsearch Pty Ltd © NSW Department of Customer Service - Image date 23rd October 2011

geo-environmental E N V I R O N M E N T A L 	TITLE: Aerial Photograph - 2011	SCALE: N.T.S	DATE: 17 Sept 2021	FIGURE No.: 9
	82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au	DRAWN: S. McC	JOB No.: E21010VAR	REVISION: A



Image provided by Nearmap (http://maps.au.nearmap.com) - Image date 11th August 2021			
TITLE: Mount Carmel Catholic College SITE PLAN	SCALE: N.T.S	DATE: 20th Aug 2021	FIGURE No.: 10
	DRAWN: S. McC	JOB No.: E21010VAR	REVISION: A
82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au			





Image provided by Nearmap (<http://maps.au.nearmap.com>) - Image date 11th August 2021

 <p>82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au</p>	TITLE: SITE PLAN		SCALE: N.T.S	DATE: 20th Aug 2021	FIGURE No.: 11
	Our Lady of Mount Carmel Catholic Church and Community Hall		DRAWN: S. McC	JOB No.: E21010VAR	REVISION: A



Image provided by Nearmap (<http://maps.au.nearmap.com>) - Image date 2nd April 2021

geo-environmental ENGINEERING	TITLE: SITE PLAN Mount Carmel Priory / Mount Carmel Retreat Centre		SCALE: N.T.S	DATE: 17 Sep 2021	FIGURE No.: 12
	82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au		DRAWN: S. McC	JOB No.: E21010VAR	REVISION: A

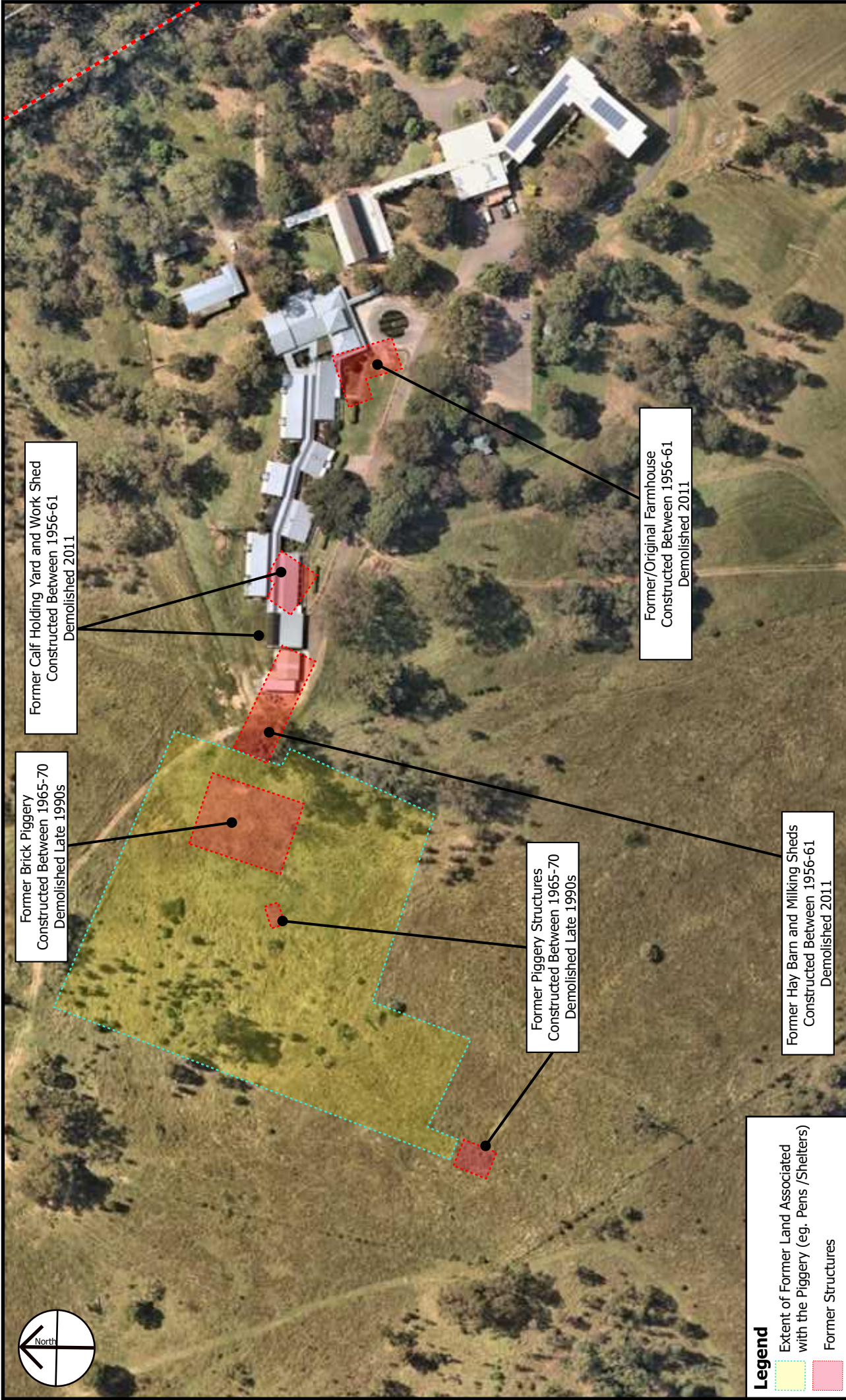


Image provided by Nearmap (<http://maps.au.nearmap.com>) - Image date 2nd April 2021

geo-environmental ENGINEERING 82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au	TITLE: Location of Former Development Relative to Existing Development at the Priory / Retreat Centre		SCALE: N.T.S DRAWN: S. McC	DATE: 31 Aug 2021 JOB No.: E21010VAR	FIGURE No.: 13 REVISION: A

Close Up Image



Image provided by Nearmap (<http://maps.au.nearmap.com>) - Image date 2nd April 2021


 82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au	TITLE: Location of Waste Stockpiles to the South-West of the Priory		SCALE: N.T.S	DATE: 31 Aug 2021	FIGURE No.: 14
			DRAWN: S. McC	JOB No.: E21010VAR	REVISION: A



Image provided by Nearmap (<http://maps.au.nearmap.com>) - Image date 11th August 2021

 <p>82 BRIDGE STREET LANE COVE NSW 2066 P - 61 (2) 9420 3361 E - info@geoenvironmental.com.au www.geoenvironmental.com.au</p>	TITLE: SITE PLAN Carmel House / Carmel of Mary and Joseph Convent (~ 1989 to Present)		SCALE: N.T.S DRAWN: S. McC	DATE: 20th Aug 2021 JOB No.: E21010VAR	FIGURE No.: 15 REVISION: A
---	--	--	---	---	---



APPENDIX A

SURVEY PLANS

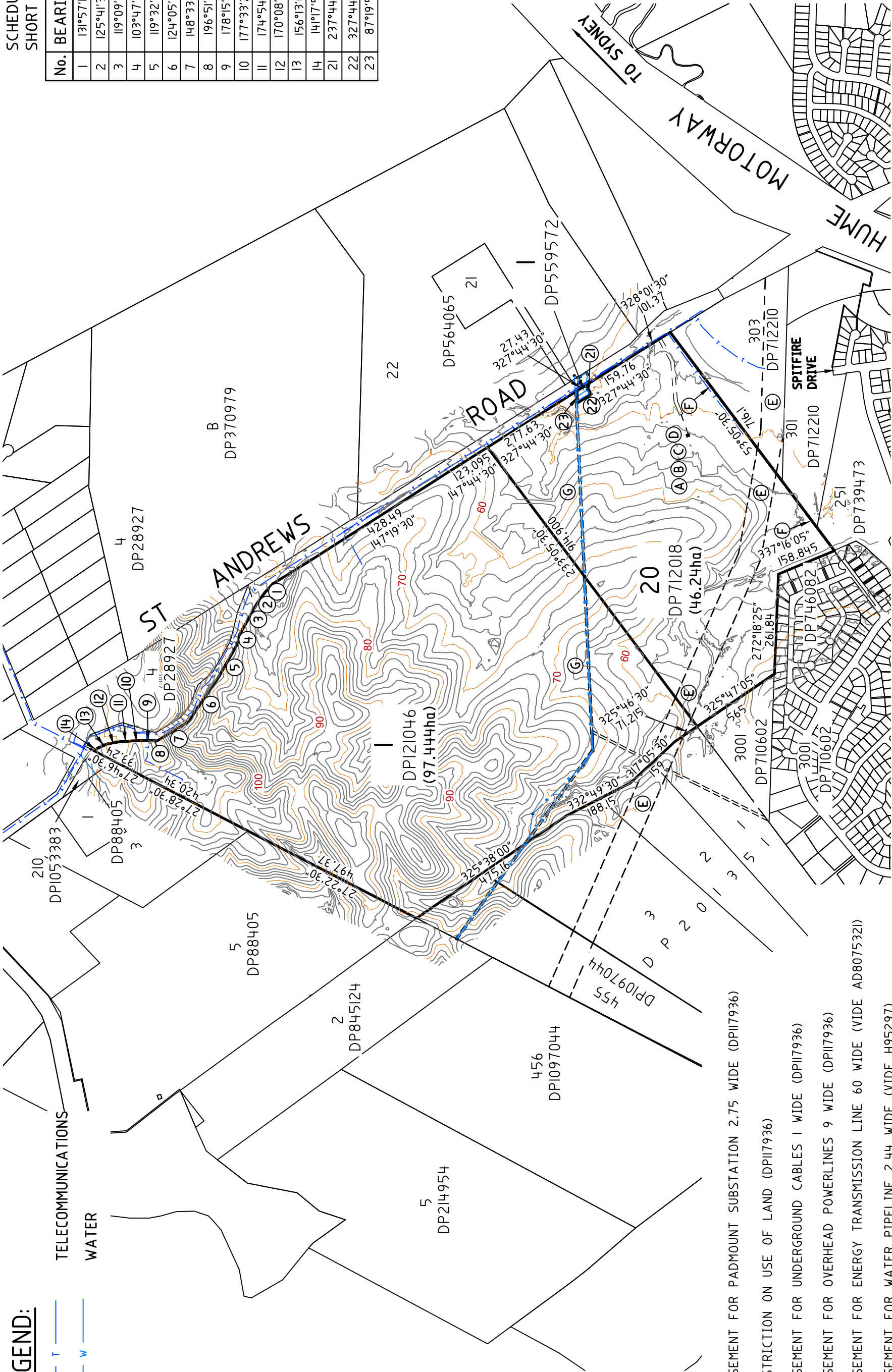
LEGEND:

- TELECOMMUNICATIONS
- WATER



MGA

No.	BEARING	DIST.
1	131°57'10"	33.496
2	125°41'30"	33.496
3	119°09'30"	92.040
4	103°47'40"	26.324
5	119°32'30"	98.349
6	124°05'40"	142.675
7	148°33'30"	97.085
8	196°51'30"	7.855
9	178°15'00"	35.35
10	177°33'20"	31.69
11	174°54'10"	27.524
12	170°08'40"	27.238
13	156°13'00"	27.80
14	141°17'50"	12.23
21	237°44'30"	27.43
22	327°44'30"	43.01
23	87°19'55"	31.545



- Ⓐ EASEMENT FOR PADMOUNT SUBSTATION 2.75 WIDE (DPII7936)
- Ⓑ RESTRICTION ON USE OF LAND (DPII7936)
- Ⓒ EASEMENT FOR UNDERGROUND CABLES 1 WIDE (DPII7936)
- Ⓓ EASEMENT FOR OVERHEAD POWERLINES 9 WIDE (DPII7936)
- Ⓔ EASEMENT FOR ENERGY TRANSMISSION LINE 60 WIDE (VIDE AD8075321)
- Ⓕ EASEMENT FOR WATER PIPELINE 2.44 WIDE (VIDE H95297)
- Ⓖ MWS&DB EASEMENT 6.095 WIDE (VIDE DP222267)

REV.	DATE	DFTD	APPD	DETAILS
A	29/7/21	GT	WS	ISSUED FOR INFORMATION

SURVEY	FILE	INITIALS	DATE
DESIGN	321387.DWG	-	-
DRAWN/			
CHECKED/			
ENGINEERING/			
SURVEYING			
APPROVAL			

DRAWING SCALE	
SCALE 1:10000 (A1)	0 200 400 600 800 1000
SCALE 1:20000 (A3)	0 200 400 600 800 1000

DO NOT SCALE FROM THESE DRAWINGS. ALL MEASUREMENTS SHALL BE CONFIRMED ON SITE AND WITH PREMISE PTY. LTD. PRIOR TO CONSTRUCTION.

APPROVAL AUTHORITY	CAMPBELL TOWN CITY COUNCIL
CLIENT	INNOVA CAPITAL
PROJECT	210 SPITFIRE DR 193, 247 & 345 ST ANDREWS ROAD VARROVILLE

STRUCTURAL CIVIL PLANNING SURVEYING,
ARCHITECTURE & ENVIRONMENTAL

SUITE 301, LEVEL 3
ORAN PARK PODIUM
351 ORAN PARK DRIVE
ORAN PARK, NSW 2570
P.O. BOX 473 NARELLAN, NSW 2567
Ph: (02) 4632 6500
www.premise.com.au

Premise

DRAWING	
PLAN OF 210 SPITFIRE DR & 193, 247 & 345 ST ANDREWS ROAD VARROVILLE	
PROJECT NUMBER 321387	DRAWING FILE 321387-01A-US01-DS03.dwg
SURVEY MARK -	R.L. - DATUM A.H.D.
IMAGE SOURCE -	SET
STATUS FOR REVIEW	SHEET DS01 OF DS03

01A

SCHEDULE OF SHORT LINES

No.	BEARING	DIST.
1	131°57'10"	33.496
2	125°41'30"	33.496
3	119°09'30"	92.040
4	103°47'40"	26.324
5	119°32'30"	98.349
6	124°05'40"	142.675
7	148°33'30"	97.085
8	196°51'30"	7.855
9	178°15'00"	35.35
10	177°33'20"	31.69
11	174°54'10"	27.524
12	170°08'40"	27.238
13	156°13'00"	27.80
14	141°17'50"	12.23
21	237°44'30"	27.43
22	327°44'30"	43.01
23	87°19'55"	31.545



- Ⓐ EASEMENT FOR PADMOUNT SUBSTATION 2.75 WIDE (DPII7936)
- Ⓑ RESTRICTION ON USE OF LAND (DPII7936)
- Ⓒ EASEMENT FOR UNDERGROUND CABLES 1 WIDE (DPII7936)
- Ⓓ EASEMENT FOR OVERHEAD POWERLINES 9 WIDE (DPII7936)
- Ⓔ EASEMENT FOR ENERGY TRANSMISSION LINE 60 WIDE (VIDE AD8075321)
- Ⓕ EASEMENT FOR WATER PIPELINE 2.44 WIDE (VIDE H95297)
- Ⓖ MWS&DB EASEMENT 6.095 WIDE (VIDE DP222267)

REV.	DATE	DFTD	APPD	DETAILS
A	29/7/21	GT	WS	ISSUED FOR INFORMATION

SURVEY	FILE	INITIALS	DATE
DESIGN	321387.DWG	-	-
DRAWN/			
CHECKED/			
ENGINEERING/			
SURVEYING			
APPROVAL			

DRAWING SCALE

SCALE 1:10000 (A1)

0 200 400 600 800 1000

SCALE 1:20000 (A3)

0 200 400 600 800 1000

DO NOT SCALE FROM THESE DRAWINGS. ALL MEASUREMENTS SHALL BE CONFIRMED ON SITE AND WITH PREMISE PTY LTD PRIOR TO CONSTRUCTION

APPROVAL AUTHORITY	CAMPBELL TOWN CITY COUNCIL
CLIENT	INNOVA CAPITAL
PROJECT	210 SPITFIRE DR 193, 247 & 345 ST ANDREWS ROAD VARROVILLE

STRUCTURAL CIVIL PLANNING SURVEYING,
ARCHITECTURE & ENVIRONMENTAL

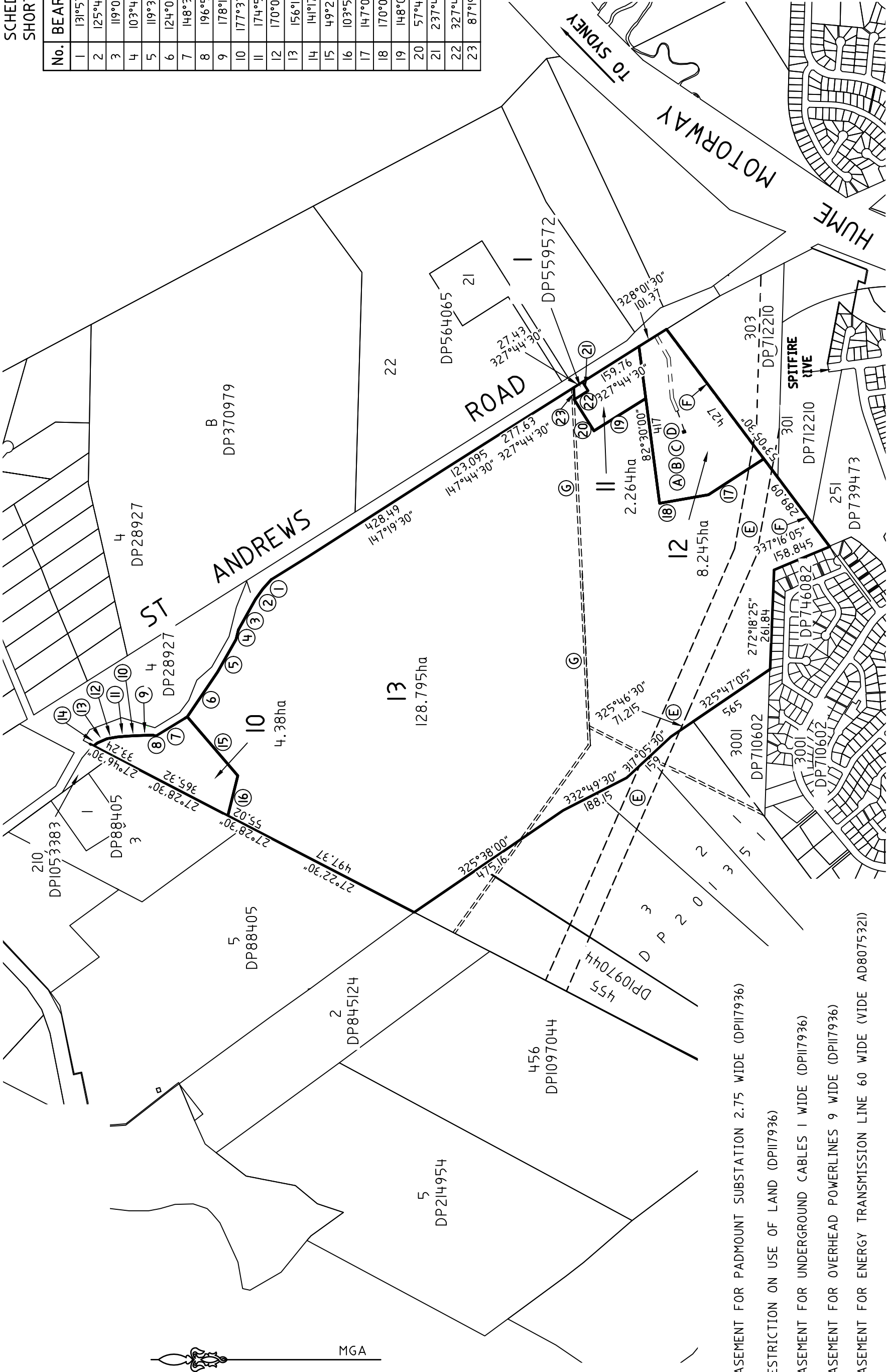
SUITE 301, LEVEL 3
ORAN PARK PODIUM
351 ORAN PARK DRIVE
ORAN PARK, NSW 2570
P.O. BOX 473 NARELLAN, NSW 2567
Ph: 021 4632 6500
www.premise.com.au

Premise

DRAWING	PLAN OF 210 SPITFIRE DR & 193, 247 & 345 ST ANDREWS ROAD VARROVILLE
PROJECT NUMBER 321387	DRAWING FILE 321387-01A-US01-DS03.dwg
SURVEY MARK -	R.L. - DATUM A.H.D.
IMAGE SOURCE -	SET
STATUS FOR REVIEW	SHEET DS02 OF DS03 01A

SCHEDULE OF SHORT LINES

No.	BEARING	DIST.
1	131°57'10"	33.496
2	125°41'30"	33.496
3	119°09'30"	92.040
4	103°47'40"	26.324
5	119°32'30"	98.349
6	124°05'40"	142.675
7	148°33'30"	97.085
8	196°51'30"	7.855
9	178°15'00"	35.35
10	177°33'20"	31.69
11	174°54'10"	27.524
12	170°08'40"	27.238
13	156°13'00"	27.80
14	141°17'50"	12.23
15	49°24'53"	204.439
16	103°53'02"	108.745
17	147°00'00"	173.313
18	170°00'00"	130.93
19	148°01'30"	160.958
20	57°44'30"	97.532
21	237°44'30"	27.43
22	327°44'30"	43.01
23	87°19'55"	31.545



- A EASEMENT FOR PADMOUNT SUBSTATION 2.75 WIDE (DPII7936)
- B RESTRICTION ON USE OF LAND (DPII7936)
- C EASEMENT FOR UNDERGROUND CABLES 1 WIDE (DPII7936)
- D EASEMENT FOR OVERHEAD POWERLINES 9 WIDE (DPII7936)
- E EASEMENT FOR ENERGY TRANSMISSION LINE 60 WIDE (VIDE AD807532I)
- F EASEMENT FOR WATER PIPELINE 2.44 WIDE (VIDE H95297)
- G MWS&DB EASEMENT 6.095 WIDE (VIDE DP222267)

REV	DATE	DFTD	APPD	DETAILS
A	29/7/21	GT	WS	ISSUED FOR INFORMATION

SURVEY	FILE	INITIALS	DATE
DESIGN	321387.DWG	-	-
DRAWN/			
CHECKED			
ENGINEERING/			
SURVEYING			
APPROVAL			

DRAWING SCALE

SCALE 1:10000 (A1)

SCALE 1:20000 (A3)

DO NOT SCALE FROM THESE DRAWINGS. ALL MEASUREMENTS SHALL BE CONFIRMED ON SITE AND WITH PREMISE PTY. LTD. PRIOR TO CONSTRUCTION.

APPROVAL AUTHORITY	CAMPBELL TOWN CITY COUNCIL
CLIENT	INNOVA CAPITAL
PROJECT	210 SPITFIRE DR 193, 247 & 345 ST ANDREWS ROAD VARROVILLE

STRUCTURAL CIVIL PLANNING SURVEYING, ARCHITECTURE & ENVIRONMENTAL

SUITE 301, LEVEL 3
ORAN PARK PODIUM
351 ORAN PARK DRIVE
ORAN PARK, NSW 2570
P.O. BOX 473 NARELLAN, NSW 2567
Ph: (02) 4632 6500
www.premise.com.au

DRAWING

PLAN OF 210 SPITFIRE DR &
193, 247 & 345 ST ANDREWS ROAD VARROVILLE

PROJECT NUMBER 321387

DRAWING FILE 321387-01A.DWG

SURVEY MARK - R.L. - DATUM A.H.D.

IMAGE SOURCE -

STATUS FOR REVIEW

SHEET DS03 OF DS03

SET 01A



APPENDIX B

HISTORICAL TITLE SEARCH RESULTS

NSW LRS - Title Search

NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH
-----FOLIO: 1/121046

SEARCH DATE	TIME	EDITION NO	DATE
-----	----	-----	----
7/7/2021	8:56 AM	2	14/5/2008

LAND
-----LOT 1 IN DEPOSITED PLAN 121046
AT WEST MINTO
LOCAL GOVERNMENT AREA CAMPBELLTOWN
PARISH OF MINTO COUNTY OF CUMBERLAND
TITLE DIAGRAM DP121046FIRST SCHEDULE
-----THE TRUSTEES OF THE DISCALCED CARMELITE FATHERS OF
QUEENSLANDSECOND SCHEDULE (5 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 H52671 EASEMENT FOR WATER SUPPLY 6.095 AFFECTING THE PART
OF THE LAND SHOWN SO BURDENED IN THE TITLE DIAGRAM
- 3 H65033 EASEMENT FOR WATER SUPPLY 6.095 AFFECTING THE PART
OF THE LAND SHOWN SO BURDENED IN THE TITLE DIAGRAM
- 4 K89573 EASEMENT FOR WATER SUPPLY AFFECTING THE PART OF
THE LAND SHOWN AS PROPOSED EASEMENT 6.095 WIDE IN
DP222267
- 5 AD807515 EASEMENT FOR ENERGY TRANSMISSION LINE 60 WIDE
AFFECTING THE SITE DESIGNATED (B) IN PLAN WITH AD807515

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

PRINTED ON 7/7/2021

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NSW LRS - Title Search

NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH
-----FOLIO: 20/712018

SEARCH DATE	TIME	EDITION NO	DATE
-----	----	-----	----
7/7/2021	8:56 AM	3	5/11/2012

LAND
-----LOT 20 IN DEPOSITED PLAN 712018
AT INGLEBURN
LOCAL GOVERNMENT AREA CAMPBELLTOWN
PARISH OF MINTO COUNTY OF CUMBERLAND
TITLE DIAGRAM DP712018FIRST SCHEDULE

THE DISCALCED CARMELITE FATHERS

SECOND SCHEDULE (8 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 H95297 EASEMENT FOR WATER PIPELINE AFFECTING THE PART OF
THE LAND ABOVE DESCRIBED SHOWN SO BURDENED IN THE
TITLE DIAGRAM
- 3 K89573 EASEMENT FOR WATER SUPPLY AFFECTING THE PART OF
THE LAND ABOVE DESCRIBED SHOWN SO BURDENED IN THE
TITLE DIAGRAM
- 4 AD807532 EASEMENT FOR ENERGY TRANSMISSION LINE 60 WIDE
AFFECTING THE PART DESIGNATED (B) IN PLAN WITH AD807515
- 5 DP1179363 EASEMENT FOR PADMOUNT SUBSTATION 2.75 METRE(S) WIDE
AFFECTING THE PART(S) SHOWN SO BURDENED IN DP1179363
- 6 DP1179363 RESTRICTION(S) ON THE USE OF LAND
- 7 DP1179363 EASEMENT FOR UNDERGROUND CABLES 1 METRE(S) WIDE
AFFECTING THE PART(S) SHOWN SO BURDENED IN DP1179363
- 8 DP1179363 EASEMENT FOR OVERHEAD POWER LINE(S) 9 METRE(S) WIDE
AFFECTING THE PART(S) SHOWN SO BURDENED IN DP1179363

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

PRINTED ON 7/7/2021

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ABN: 36 092 724 251
Ph: 02 9099 7400
(Ph: 0412 199 304)

Level 14, 135 King Street, Sydney
Sydney 2000
GPO Box 4103 Sydney NSW 2001
DX 967 Sydney

Summary of Owners Report

Address: - Spitfire Drive, Varroville

Description: - Lot 1 D.P. 121046 & Lot 20 D.P. 712018

As regards Lot 1 D.P. 121046

<u>Date of Acquisition and term held</u>	<u>Registered Proprietor(s) & Occupations where available</u>	<u>Reference to Title at Acquisition and sale</u>
28.12.1904 (1904 to 1922)	Frederick Norman John Kidd (Grazier)	Vol 136 Fol 136
17.10.1922 (1922 to 1922)	Elsie Margaret Leake (Married Woman) (Transmission Application not investigated)	Vol 136 Fol 136
04.11.1922 (1922 to 1926)	Charles Henry Crammond (Estate Agent)	Vol 136 Fol 136
13.04.1926 (1926 to 1937)	William Henry Staniforth (Grazier)	Vol 136 Fol 136 Now Vol 3913 Fol 174
24.12.1937 (1937 to 1942)	Herbert Walter Staniforth (Grazier) William Ernest Staniforth (Grazier) Henry Bruce Staniforth (Grazier) (Transmission Application not investigated)	Vol 3913 Fol 174
07.11.1942 (1942 to 1958)	Herbert Walter Staniforth (Grazier) William Ernest Staniforth (Grazier) Wallace Lindsay Staniforth (Grazier)	Vol 3913 Fol 174
24.10.1958 (1958 to 1964)	Alexius Wilhelmus Antonius Maas (Manufacturer) Gladys Frances Maas (Married Woman)	Vol 3913 Fol 174 Now Vol 7920 Fol 100
16.06.1964 (1964 to 1970)	# The Discalced Carmelite Fathers of Queensland	Vol 7920 Fol 100
07.04.1970 (1970 to date)	# The Trustees of the Discalced Carmelite Fathers of Queensland	Vol 7920 Fol 100 Now 1/121046

Denotes current registered proprietor

Leases: - NIL

Easements: -

- 04.09.1958 (H 52671) Easement for Water Supply 6.095 wide.
- 15.10.1958 (H 65033) Easement for Water Supply 6.095 wide.
- 11.08.1965 (K 89573 & D.P. 222267)) Easement for Water Supply 6.095 wide.
- 07.04.2008 (AD 807515) Easement for Energy Transmission Line 60 wide.



ABN: 36 092 724 251
Ph: 02 9099 7400
(Ph: 0412 199 304)

Level 14, 135 King Street, Sydney
Sydney 2000
GPO Box 4103 Sydney NSW 2001
DX 967 Sydney

As regards Lot 20 D.P. 712018

<u>Date of Acquisition and term held</u>	<u>Registered Proprietor(s) & Occupations where available</u>	<u>Reference to Title at Acquisition and sale</u>
28.12.1904 (1904 to 1922)	Frederick Norman John Kidd (Grazier)	Vol 136 Fol 136
17.10.1922 (1922 to 1922)	Elsie Margaret Leake (Married Woman) (Transmission Application not investigated)	Vol 136 Fol 136
04.11.1922 (1922 to 1926)	Charles Henry Crammond (Estate Agent)	Vol 136 Fol 136
13.04.1926 (1926 to 1937)	William Henry Staniforth (Grazier)	Vol 136 Fol 136 Now Vol 3913 Fol 174
24.12.1937 (1937 to 1942)	Herbert Walter Staniforth (Grazier) William Ernest Staniforth (Grazier) Henry Bruce Staniforth (Grazier) (Transmission Application not investigated)	Vol 3913 Fol 174
07.11.1942 (1942 to 1958)	Herbert Walter Staniforth (Grazier) William Ernest Staniforth (Grazier) Wallace Lindsay Staniforth (Grazier)	Vol 3913 Fol 174
20.11.1958 (1958 to 1964)	Alexius Wilhelmus Antonius Maas (Manufacturer) Gladys Frances Maas (Married Woman)	Vol 3913 Fol 174 Now Vol 7852 Fol 15
16.06.1964 (1964 to Date)	The Discalced Carmelite Fathers of Queensland	Vol 7852 Fol 15 Now 20/712018
21.08.1985 (1985 to date)	# The Discalced Carmelite Fathers	Vol 12358 Fol 10 Now 20/712018

Denotes current registered proprietor

Leases: - NIL

Easements: -

- 16.06.1964 (H 95297) Easement for Water Supply 6.095 wide.
- 11.08.1965 (K 89573 & D.P. 222267) Easement for Water Supply 6.095 wide.
- 16.04.2008 (AD 807532) Easement for Energy Transmission Line 60 wide (in plan with AD 87515)
- 05.11.2012 (D.P. 1179363) Easement for Padmount Substation 2.75 metres wide.
- 05.11.2012 (D.P. 1179363) Easement for Underground Cables 1 metre wide.
- 05.11.2012 (D.P. 1179363) Easement for Overhead Powerline(s) 9 metres wide.

Yours Sincerely
Mark Groll
20 July 2021

Email: mark.groll@infotrack.com.au



Parish : MINTO
County : CUMBERLAND

[illegible]

This information is provided as a searching aid only. Whilst every endeavour is made to ensure that current map, plan and titling information is accurately reflected, the Registrar General cannot guarantee the information provided. For ALL ACTIVITY PRIOR TO SEPTEMBER 2002 you must refer to the RGs Charting and Reference Maps

LT2/16

PLAN OF PART OF LOT 3 IN D.P. 28927 BEING THE LAND IN VOL. 7920 FOL. 100		D. P. 121046 Registered: 31-5-1989 C.A.: _____ Title System: <u>TORRENS</u> Purpose: <u>DEPARTMENTAL</u> Ref. Map: <u>U8230 - 1#</u> Last Plan: <u>DP28927</u>
Municipality/City <u>CAMPBELLTOWN</u> Town or Locality <u>WEST MINTO</u> Parish <u>MINTO</u> County <u>CUMBERLAND</u> Reduction Ratio <u>N.T.S.</u> Lengths are in metres		N 0 0 1 D 1 B

D. P. 88405

97.42 ha.

D. P. 559572

SCHEDULE			
1.	37.28	10.	7.755
2.	12.23	11.	142.67
3.	27.8	12.	98.35
4.	27.24	13.	26.325
5.	27.525	14.	92.04
6.	31.69	15.	33.495
7.	35.65	16.	33.495
8.	7.855		
9.	89.33		

EASEMENT FOR WATER SUPPLY
 6.095 WIDE - VIDE H52671
 H65093

<div style="border: 1px solid black; height: 40px; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-between; font-size: small;"> 10 20 30 40 50 60 70 Table of mm 110 120 130 140 </div>	<p style="font-size: small;">This negative is a photograph made as a permanent record of a document in the custody of the Registrar General this day. 7th June, 1989</p> <div style="text-align: right;"> </div>
--	--

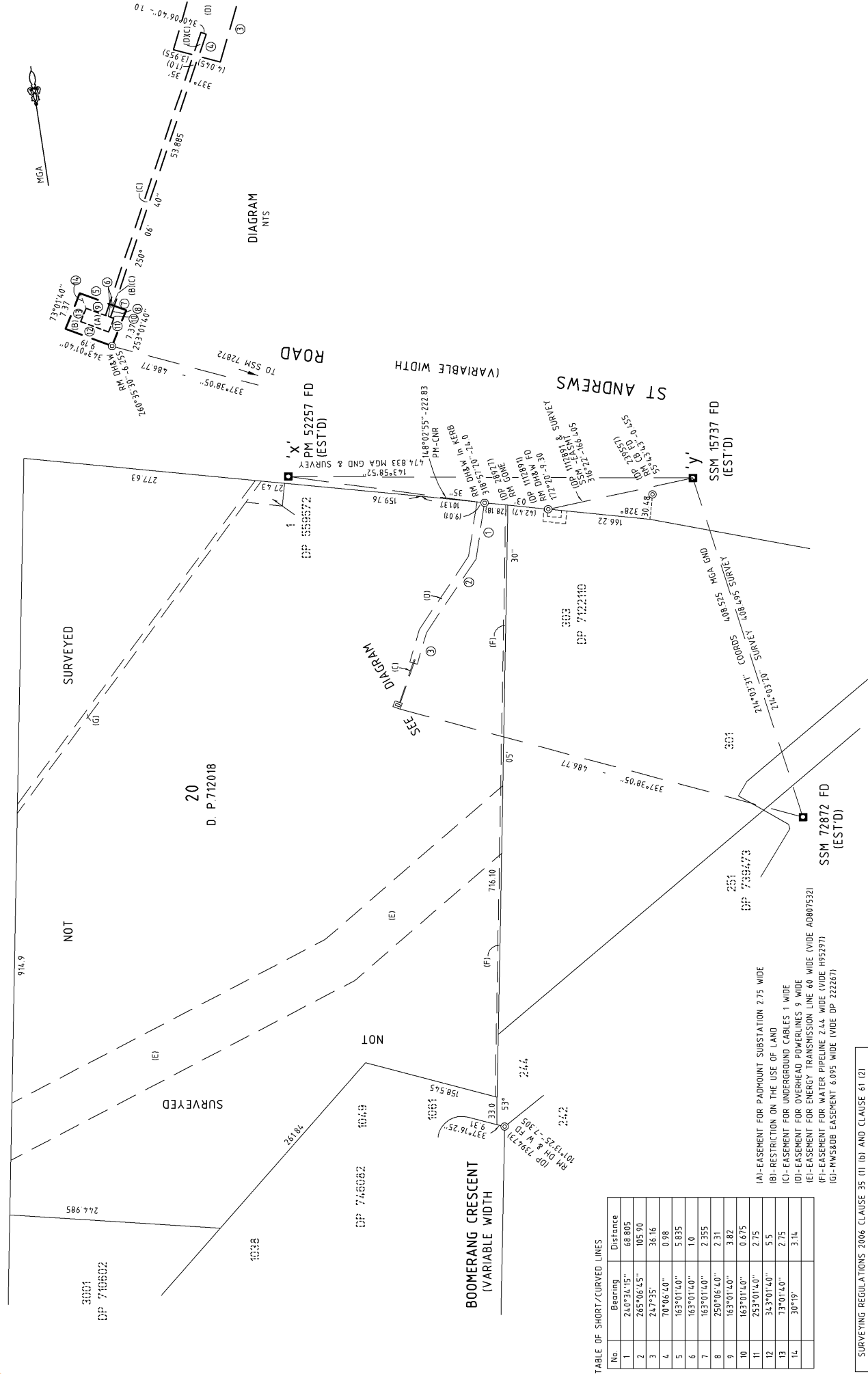


TABLE OF SHORT/CURVED LINES

No.	Bearing	Distance
1	240°34'15"	68.805
2	265°06'45"	105.90
3	247°35'	36.16
4	70°06'40"	0.98
5	163°01'40"	5.835
6	163°01'40"	1.0
7	163°01'40"	2.355
8	250°06'40"	2.31
9	163°01'40"	3.82
10	163°01'40"	0.875
11	253°01'40"	2.75
12	343°01'40"	5.5
13	73°01'40"	2.75
14	30°19'	3.14

- (A)-EASEMENT FOR PADMOUNT SUBSTATION 2.75 WIDE
- (B)-RESTRICTION ON THE USE OF LAND
- (C)-EASEMENT FOR UNDERGROUND CABLES 1 WIDE
- (D)-EASEMENT FOR OVERHEAD POWERLINES 9 WIDE
- (E)-EASEMENT FOR ENERGY TRANSMISSION LINE 60 WIDE (VIDE AD807532)
- (F)-EASEMENT FOR WATER PIPELINE 2.44 WIDE (VIDE H95297)
- (G)-MWS408 EASEMENT 6.095 WIDE (VIDE DP 22267)

SURVEYING REGULATIONS 2006 CLAUSE 35 (1) (b) AND CLAUSE 61 (2)			
MARK	M.G.A. CO-ORDINATES	ZONE	CLASS
PM 52257	298 967 775	6 234 980 647	B 2
SSM 15737	299 242 027	6 234 596 557	B 2
SSM 72872	299 018 216	6 234 258 078	B 2
M.G.A. CO-ORDINATES ADOPTED FROM SCIMS AS 13.11.2009			
COMBINED SCALE FACTOR = 1000 090			

Surveyor : ROSS TREVOR DUNCUM
Date of Survey : 29.9.2009
Surveyor's Ref : S2348/60467_DP

PLAN OF EASEMENTS OVER LOT 20 IN DP 712018

LGA: CAMPBELLTOWN
Locality : VARROVILLE / RABY
Subdivision No: _____
Lengths are in metres. Reduction Ratio 1: 3000

Registered
5.11.2012

DP1179363

DEPOSITED PLAN ADMINISTRATION SHEET

Sheet 1 of 2 sheets

SIGNATURES, SEALS and STATEMENTS of intention to dedicate public roads, to create public reserves, drainage reserves, easements, restrictions on the use of land or positive covenants.



DP1179363 S

Registered:  5.11.2012

Title System: TORRENS

Purpose: EASEMENT

PLAN OF EASEMENTS OVER LOT 20 IN DP 712018


LGA: CAMPBELLTOWN
 Locality: VARROVILLE / RABY
 Parish: MINTO
 County: CUMBERLAND

Surveying Regulation, 2006

I, **ROSS TREVOR DUNCUM**
 of **Burton & Field P/L, DX 5020, Liverpool**
 a surveyor registered under the *Surveying Act, 2002*, certify that the survey represented in this plan is accurate, has been made in accordance with the *Surveying Regulation, 2006* and was completed on: 29.09.2009

The survey relates to.....LOT 20 DP 712018.

(specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey)

Signature  Dated: 18.01.2010

Surveyor registered under the *Surveying Act, 2002*

Datum Azimuth "X"- "Y"
 Type: Urban

Plans used in the preparation of survey
 DP222267, DP 239557, DP 559572, DP 707534,
 DP 712018, DP 712210, DP731057, DP739473,
 DP746082, DP 1112891

(if insufficient space use Plan Form 6A annexure sheet)

SURVEYOR'S REFERENCE: S2348/60467_DP

PURSUANT TO SECTION 88B OF THE CONVEYANCING ACT 1919 AS AMENDED IT IS INTENDED TO CREATE:-

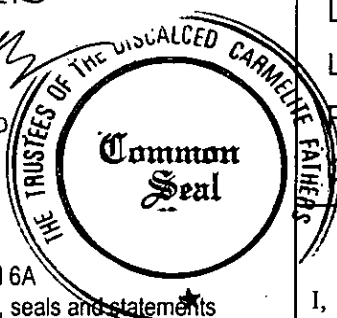
1. EASEMENT FOR PADMOUNT SUBSTATION
2.75 WIDE
2. RESTRICTION ON THE USE OF LAND
3. EASEMENT FOR UNDERGROUND CABLES
1 WIDE
4. EASEMENT FOR OVERHEAD POWERLINES
9 WIDE

FR. PAUL MAUNDER



FR ALOYSIUS REGO





Use PLAN FORM 6A
 for additional certificates, signatures, seals and statements

Crown Lands NSW/Western Lands Office Approval

I.....in approving this plan certify
 (Authorised Officer)
 that all necessary approvals in regard to the allocation of the land shown herein have been given

Signature:.....
 Date:.....
 File Number:.....
 Office:.....

Subdivision Certificate

I certify that the provisions of s.109J of the Environmental Planning and Assessment Act 1979 have been satisfied in relation to:

the proposed..... set out herein
 (insert 'subdivision' or 'new road')

* Authorised Person/General Manager/Accredited Certifier

Consent Authority:
 Date of Endorsement:
 Accreditation no:
 Subdivision Certificate no:
 File no:

* Delete whichever is inapplicable.

* OFFICE USE ONLY

DEPOSITED PLAN ADMINISTRATION SHEET

Sheet 2 of 2 sheet(s)

PLAN OF EASEMENTS
OVER LOT 20 DP 712018

DP1179363

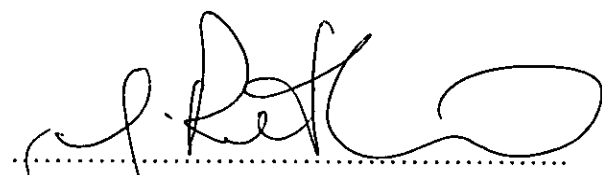
Registered:



5.11.2012

Subdivision Certificate No: _____

Date of Endorsement: _____


.....
Signature of attorney

Endeavour Energy (Formerly Integral Energy
Australia – Energy Services Corporations
Amendment (Change of Name) Regulation
2011 (NSW) published 2 March 2011)

Name of attorney: *Geoff Riethmüller*



LAND
REGISTRY
SERVICES

Historical Title



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

20/7/2021 1:44PM

FOLIO: 1/121046

First Title(s): OLD SYSTEM

Prior Title(s): VOL 7920 FOL 100

Recorded -----	Number -----	Type of Instrument -----	C.T. Issue -----
13/6/1989		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
7/4/2008	AD807515	TRANSFER GRANTING EASEMENT	EDITION 1
14/5/2008	AD951642	DEPARTMENTAL DEALING	EDITION 2

*** END OF SEARCH ***

LS022269_EP - Spitfire Drive

PRINTED ON 20/7/2021

InfoTrack an approved NSW Information Broker hereby certifies that the information contained in this document has been provided electronically by the Registrar General in accordance with Section 96B(2) of the Real Property Act 1900.

Form: 01TG
Licence: 03-11-060
Licensee: Blake Dawson Waldron

TRANSFER GRANTING EASEMENT



AD807515P

New South Wales
Real Property Act 1900

PRIVACY NOTE: Section 31B of the Real Property Act 1900 (RP Act) authorises the Registrar General to collect the information required by this form for the establishment and maintenance of the Real Property Act Register. Section 96B RP Act requires that the Register is made available to any person for search upon payment of a fee, if any.

(A) TORRENS TITLE	Servient Tenement (land burdened) 1/121046		Dominant Tenement (land benefited) An easement in gross pursuant to s88A of the Conveyancing Act 1919.	
(B) LODGED BY	Delivery Box 238N	Name, Address or DX and Telephone BLAKE DAWSON 123155F Reference (optional): YET		CODE TG
(C) TRANSFEROR	Registered proprietor of the servient tenement THE TRUSTEES OF THE DISCALCED CARMELITE FATHERS OF QUEENSLAND			
(D) <i>plunge amended</i>	The transferor acknowledges receipt of the consideration of \$ 85,000.00 21,110.00 and transfers and grants			
(E) DESCRIPTION OF EASEMENT	AN EASEMENT FOR ENERGY TRANSMISSION LINE MORE PARTICULARLY DESCRIBED IN ANNEXURE "A".			
(F) <i>AL P.D.</i>	out of the servient tenement and appurtenant to the dominant tenement.			
(G) TRANSFEREE	Registered proprietor of the dominant tenement TRANSGRID ABN 19 622 755 774			

DATE / /
 dd mm yyyy

(H) See annexure for execution.

[Handwritten signature]

Allego

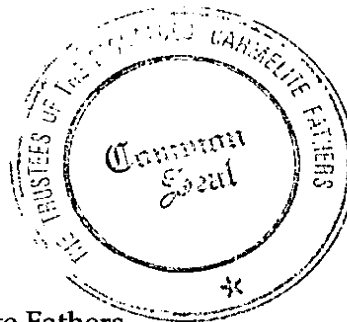
P. J. D. and

P 422V

**ANNEXURE A TO TRANSFER GRANTING EASEMENT BETWEEN THE TRUSTEES OF
THE DISCALCED CARMELITE FATHERS OF QUEENSLAND AS TRANSFEROR AND
TRANSGRID AS TRANSFEREE**


An EASEMENT FOR ENERGY TRANSMISSION affecting that part of the servient tenement shown as "(B) proposed easement 60 wide" on the plan annexed and marked "B" (being the "land burdened") on the terms contained in Memorandum AB283819 filed at Land and Property Information NSW.

Certified correct for the purposes of the Real Property Act 1900 by the trustee named below the common seal of which was affixed pursuant to the authority specified and in the presence of the authorised person(s) whose signature(s) appear(s) below.



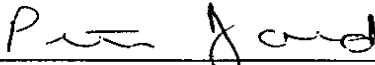
Trustee: The Trustees of the Discalced Carmelite Fathers

Authority: Section 5 of the Roman Catholic Church Communities' Lands Act 1942


Signature of authorised person

GREGORY HOMEMINI
Name of authorised person

Member PROVINCIAL SUPERIOR
Office held


Signature of authorised person

PETER DOWD
Name of authorised person

Member SECOND COUNCILLOR
Office held


Signature of authorised person

ALOYSIUS REGO
Name of authorised person

Member FIRST COUNCILLOR
Office held

I certify that the authorised officer signing opposite, with whom I am personally acquainted or as to whose identity I am otherwise satisfied, signed this transfer granting easement in my presence.

Simon J. March
Signature of witness

TRINA LUCILA MARCELO
Name of witness

201 Elizabeth St.
Hydney South NSW 2005
Address of witness

Certified correct for the purposes of the Real Property Act 1900 by the authorised officer named below.

[Signature]
Signature of authorised officer

Paul Francis Phillips
Authorised officer's name

GM/B Services
Authority of officer

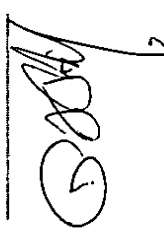
TransGrid
Signing on behalf of

[Signature]

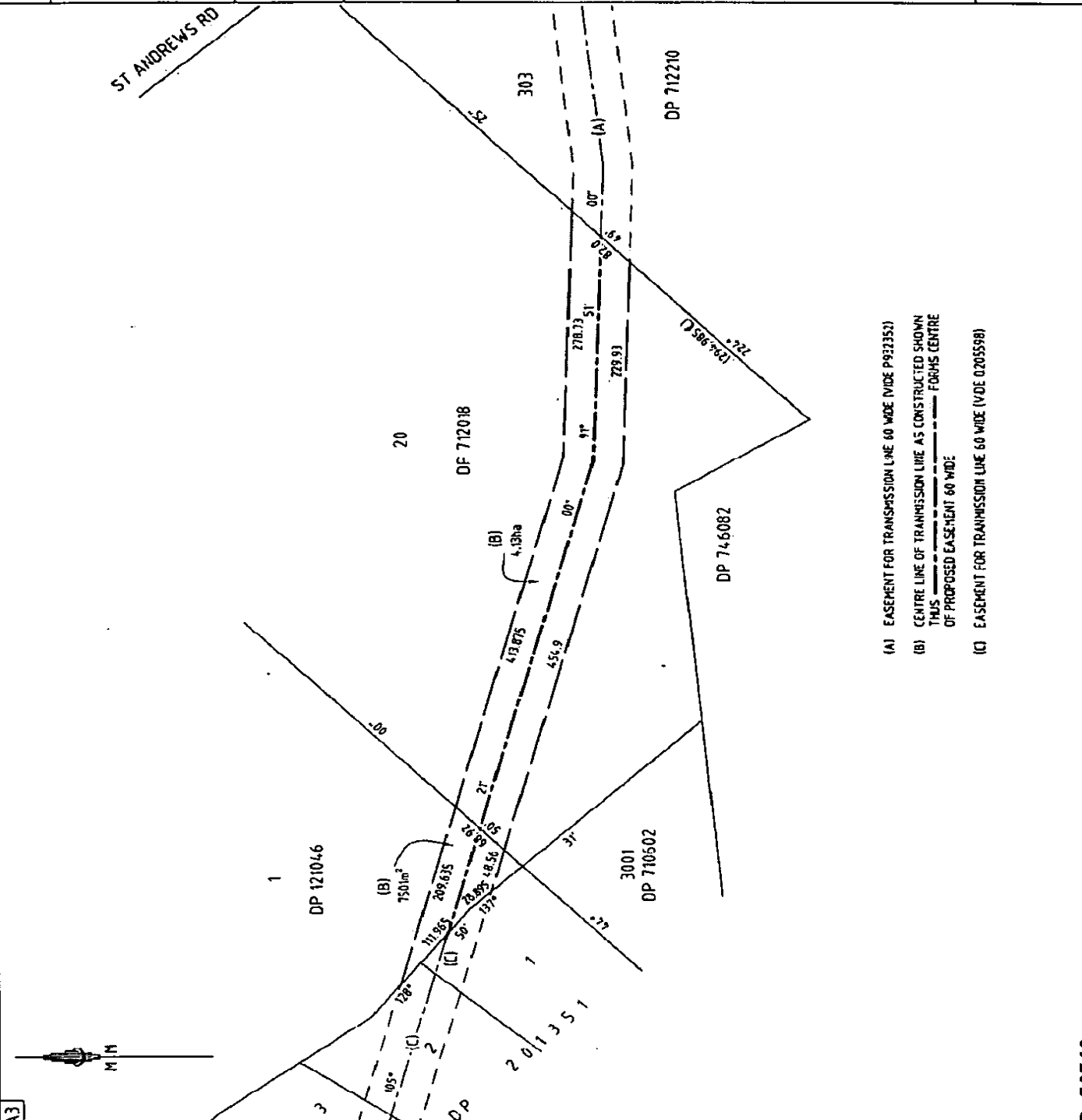
Alego

P. J. Ford

ANNEXURE B

PLAN FOR ANNEXURE PURPOSES ONLY	TransGrid SURVEYING SERVICES WALLERAWANG-SYD.STH 330KV TRANSMISSION LINE EASEMENT PROPOSED TO BE ACCURED	PLAN OF PROPOSED EASEMENT FOR TRANSMISSION LINE 60 WIDE WITHIN LOT 1 DP 121046 AND LOT 20 DP 712018	Lengths are in metres. Reduction Ratio 1:4000	L.G.A.: CAMPBELLTOWN Locality: INGLEBURN Parish: NINTO County: CUMBERLAAND	SIGNATURES AND SEALS ONLY SIGNED FOR TRANSGRID BY ITS DELEGATE WHOM IT HAS AUTHORISED FOR THE PURPOSE		I, <u>DONALD FREDERICK WOOD</u> of <u>TRANSGRID</u> Signature: <u>D. Wood</u> Date: <u>3 JUL 2005</u> Surveyor registered under the Surveying Act, 2002 hereby certify that this plan relates to easement definition and is compiled
---------------------------------	--	---	--	---	---	--	--

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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(A) EASEMENT FOR TRANSMISSION LINE 60 WIDE (NDE P92351)
(B) CENTRE LINE OF TRANSMISSION LINE AS CONSTRUCTED SHOWN
THUS
OF PROPOSED EASEMENT 60 WIDE
(C) EASEMENT FOR TRANSMISSION LINE 60 WIDE (NDE 0205598)

ST ANDREWS RD

DP 121046

DP 712018

DP 710502

DP 745082

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P. 50560

SURVEYOR'S REFERENCE: SA 2005/025



Form: 01TG
Licence: 03-11-060
Licensee: Blake Dawson Waldron

TRANSFER GRANTING EASEMENT

AD807532P

New South Wales
Real Property Act 1900

PRIVACY NOTE: Section 31B of the Real Property Act 1900 (RP Act) authorises the Registrar General to collect the information required by this form for the establishment and maintenance of the Real Property Act Register. Section 96B RP Act requires that the Register is made available to any person for search upon payment of a fee, if any.

(A) TORRENS TITLE	Servient Tenement (land burdened) 20/712018		Dominant Tenement (land benefited) An easement in gross pursuant to s88A of the Conveyancing Act 1919.	
(B) LODGED BY	Delivery Box 238N	Name, Address or DX and Telephone BLAKE DAWSON 123155F Reference (optional): YET		CODE TG
(C) TRANSFEROR	Registered proprietor of the servient tenement THE DISCALCED CARMELITE FATHERS			
(D)	The transferor acknowledges receipt of the consideration of \$ 112,890.00 and transfers and grants			
(E) DESCRIPTION OF EASEMENT	AN EASEMENT FOR ENERGY TRANSMISSION LINE MORE PARTICULARLY DESCRIBED IN ANNEXURE "A".			
	out of the servient tenement and appurtenant to the dominant tenement.			
(F)	Encumbrances (if applicable): 1. 2. 3.			
(G) TRANSFEREE	Registered proprietor of the dominant tenement TRANSGRID ABN 19 622 755 774			

DATE / /
 dd mm yyyy

(H) See annexure for execution.

[Handwritten signature]

Alego

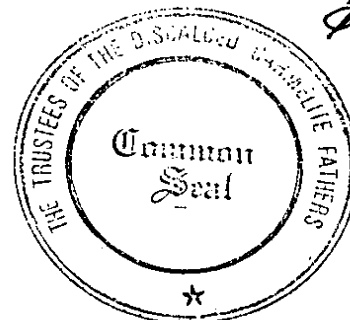
Peter Ford

19/07/21

**ANNEXURE A TO TRANSFER GRANTING EASEMENT BETWEEN THE DISCALCED
CARMELITE FATHERS AS TRANSFEROR AND TRANSGRID AS TRANSFEREE**

An EASEMENT FOR ENERGY TRANSMISSION affecting that part of the servient tenement shown as "(B) proposed easement 60 wide" on the plan annexed and marked "B" (being the "land burdened") on the terms contained in Memorandum AB283819 filed at Land and Property Information NSW.

Certified correct for the purposes of the Real Property Act 1900 by the trustee named below the common seal of which was affixed pursuant to the authority specified and in the presence of the authorised person(s) whose signature(s) appear(s) below.



Trustee: The Trustees of the Discalced Carmelite Fathers

Authority: Section 5 of the Roman Catholic Church Communities' Lands Act 1942


Signature of authorised person

GREGORY HOMEWING
Name of authorised person


Signature of authorised person

ALOYSIUS REGO
Name of authorised person

Member PROVINCIAL SUPERIOR
Office held

Member FIRST COUNCILLOR
Office held


Signature of authorised person

PETER DOWD
Name of authorised person

Member SECOND COUNCILLOR
Office held

I certify that the authorised officer signing opposite, with whom I am personally acquainted or as to whose identity I am otherwise satisfied, signed this transfer granting easement in my presence.

Elma / Marcelo
Signature of witness

Elma Lucila Marcelo
Name of witness
201 Elizabeth St.
Sydney South NSW 2000
Address of witness

Certified correct for the purposes of the Real Property Act 1900 by the authorised officer named below.

[Signature]
Signature of authorised officer

Paul Francis PHILLIPS
Authorised officer's name

G M / Business Services
Authority of officer

TransGrid
Signing on behalf of

[Signature]

Alego

Paul Judd



FOLIO: 1/121046

SEARCH DATE	TIME	EDITION NO	DATE
20/7/2021	1:43 PM	2	14/5/2008

LAND

LOT 1 IN DEPOSITED PLAN 121046
AT WEST MINTO
LOCAL GOVERNMENT AREA CAMPBELLTOWN
PARISH OF MINTO COUNTY OF CUMBERLAND
TITLE DIAGRAM DP121046

FIRST SCHEDULE

THE TRUSTEES OF THE DISCALCED CARMELITE FATHERS OF
QUEENSLAND

SECOND SCHEDULE (5 NOTIFICATIONS)

1	RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
2	H52671 EASEMENT FOR WATER SUPPLY 6.095 AFFECTING THE PART OF THE LAND SHOWN SO BURDENED IN THE TITLE DIAGRAM
3	H65033 EASEMENT FOR WATER SUPPLY 6.095 AFFECTING THE PART OF THE LAND SHOWN SO BURDENED IN THE TITLE DIAGRAM
4	K89573 EASEMENT FOR WATER SUPPLY AFFECTING THE PART OF THE LAND SHOWN AS PROPOSED EASEMENT 6.095 WIDE IN DP222267
5	AD807515 EASEMENT FOR ENERGY TRANSMISSION LINE 60 WIDE AFFECTING THE SITE DESIGNATED (B) IN PLAN WITH AD807515

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***



CIFICATE OF TITLE



12358010

NEW SOUTH WALES

L PROPERTY ACT, 1900

Appln No.2982

Prior Title Vol.7852 Fol.15

Vol. **12358** Fol. **10**

Edition issued 22-2-1974.



I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

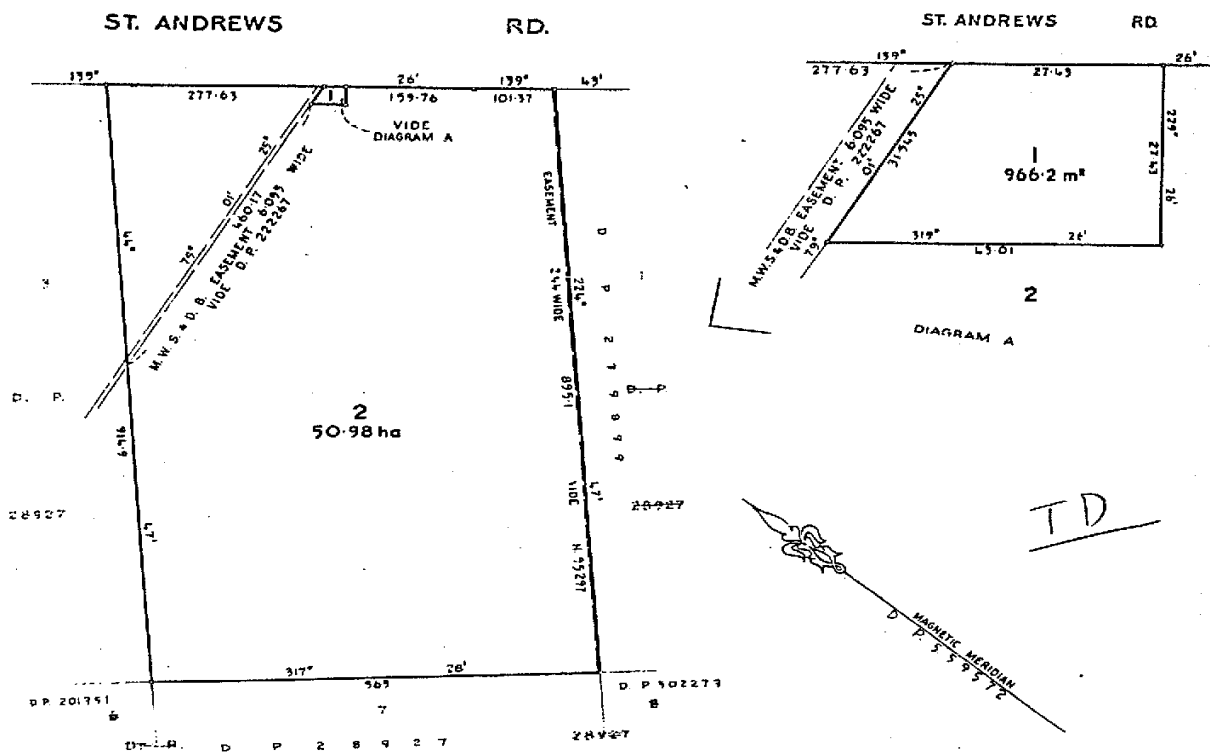
J. J. J. J.

Registrar General.



PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 2 in Deposited Plan 559572 at Ingleburn in the City of Campbelltown Parish of Minto and County of Cumberland being part of Portion 21 granted to Andrew Thompson on 1-1-1810.

FIRST SCHEDULE

~~THE DISCALGED CARMELITE FATHER~~ Queensland.

SECOND SCHEDULE

1. Reservations and conditions, if any, contained in the Crown Grant above referred to.
2. Easement for Water Pipeline created by Transfer No.H95297P affecting the part of the land above described 2.44 wide shown in the plan hereon. DP.559572
3. Easement for Water Supply created by Transfer No.K89573P affecting the part of the land above described 6.095 wide shown in the plan hereon. DP.559572

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED.

WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE LAND TITLES OFFICE.

FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR

	NUMBER	DATE
Land Commission of New South Wales as regards part being Lot 21 in DP712018 and The Disallowed Cammelite Fathers as regards the residue by Transfer		
V727847. Registered 15-8-1985		

FOLIO CANCELLED - NEW FOLIO \$ 29247/2018

SECOND SCHEDULE (continued)

PARTICULARS

Signature of
Registrar General

CANCELLATION

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED



LAND
REGISTRY
SERVICES

Historical Title



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

20/7/2021 1:43PM

FOLIO: 20/712018

First Title(s): OLD SYSTEM

Prior Title(s): VOL 12358 FOL 10

Recorded	Number	Type of Instrument	C.T. Issue
18/3/1985	DP712018	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
21/8/1985	V727847	TRANSFER	FOLIO CREATED EDITION 1
16/4/2008	AD807532	TRANSFER GRANTING EASEMENT	EDITION 2
5/11/2012	DP1179363	DEPOSITED PLAN	EDITION 3

*** END OF SEARCH ***

LS022269_EP - Spitfire Drive

PRINTED ON 20/7/2021

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FOLIO: 20/712018

SEARCH DATE	TIME	EDITION NO	DATE
20/7/2021	1:43 PM	3	5/11/2012

LAND

LOT 20 IN DEPOSITED PLAN 712018
AT INGLEBURN
LOCAL GOVERNMENT AREA CAMPBELLTOWN
PARISH OF MINTO COUNTY OF CUMBERLAND
TITLE DIAGRAM DP712018

FIRST SCHEDULE

THE DISCALCED CARMELITE FATHERS

SECOND SCHEDULE (8 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 H95297 EASEMENT FOR WATER PIPELINE AFFECTING THE PART OF THE LAND ABOVE DESCRIBED SHOWN SO BURDENED IN THE TITLE DIAGRAM
- 3 K89573 EASEMENT FOR WATER SUPPLY AFFECTING THE PART OF THE LAND ABOVE DESCRIBED SHOWN SO BURDENED IN THE TITLE DIAGRAM
- 4 AD807532 EASEMENT FOR ENERGY TRANSMISSION LINE 60 WIDE AFFECTING THE PART DESIGNATED (B) IN PLAN WITH AD807515
- 5 DP1179363 EASEMENT FOR PADMOUNT SUBSTATION 2.75 METRE(S) WIDE AFFECTING THE PART(S) SHOWN SO BURDENED IN DP1179363
- 6 DP1179363 RESTRICTION(S) ON THE USE OF LAND
- 7 DP1179363 EASEMENT FOR UNDERGROUND CABLES 1 METRE(S) WIDE AFFECTING THE PART(S) SHOWN SO BURDENED IN DP1179363
- 8 DP1179363 EASEMENT FOR OVERHEAD POWER LINE(S) 9 METRE(S) WIDE AFFECTING THE PART(S) SHOWN SO BURDENED IN DP1179363

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***



APPENDIX C

LOTSEARCH REPORT



Date: 14 Jul 2021 17:19:29

Reference: LS022269 EP

Address: Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Disclaimer:

The purpose of this report is to provide an overview of some of the site history, environmental risk and planning information available, affecting an individual address or geographical area in which the property is located. It is not a substitute for an on-site inspection or review of other available reports and records. It is not intended to be, and should not be taken to be, a rating or assessment of the desirability or market value of the property or its features.

You should obtain independent advice before you make any decision based on the information within the report.

The detailed terms applicable to use of this report are set out at the end of this report.

Dataset Listing

Datasets contained within this report, detailing their source and data currency:

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	NSW Department of Finance, Services & Innovation	30/06/2021	30/06/2021	Quarterly	-	-	-	-
Topographic Data	NSW Department of Finance, Services & Innovation	25/06/2019	25/06/2019	As required	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority	12/07/2021	08/07/2021	Monthly	1000m	0	0	0
Contaminated Land Records of Notice	Environment Protection Authority	08/07/2021	08/07/2021	Monthly	1000m	0	0	0
Former Gasworks	Environment Protection Authority	11/05/2021	11/10/2017	Quarterly	1000m	0	0	0
National Waste Management Facilities Database	Geoscience Australia	12/05/2021	07/03/2017	Annually	1000m	0	0	0
National Liquid Fuel Facilities	Geoscience Australia	15/02/2021	13/07/2012	Annually	1000m	0	0	0
EPA PFAS Investigation Program	Environment Protection Authority	21/06/2021	28/04/2021	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Investigation Sites	Department of Defence	01/07/2021	01/07/2021	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Department of Defence	01/07/2021	01/07/2021	Monthly	2000m	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	07/07/2021	07/07/2021	Monthly	2000m	0	0	0
Defence 3 Year Regional Contamination Investigation Program	Department of Defence	11/05/2021	11/05/2021	Quarterly	2000m	0	0	0
EPA Other Sites with Contamination Issues	Environment Protection Authority	02/02/2021	13/12/2018	Annually	1000m	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority	15/06/2021	15/06/2021	Monthly	1000m	0	0	0
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority	15/06/2021	15/06/2021	Monthly	1000m	0	0	0
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	15/06/2021	15/06/2021	Monthly	1000m	4	4	6
UBD Business Directories (Premise & Intersection Matches)	Hardie Grant			Not required	150m	0	0	0
UBD Business Directories (Road & Area Matches)	Hardie Grant			Not required	150m	-	0	0
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500m	0	0	0
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500m	-	0	0
Points of Interest	NSW Department of Finance, Services & Innovation	14/05/2021	14/05/2021	Quarterly	1000m	4	5	31
Tanks (Areas)	NSW Department of Customer Service - Spatial Services	14/05/2021	14/05/2021	Quarterly	1000m	0	0	1
Tanks (Points)	NSW Department of Customer Service - Spatial Services	14/05/2021	14/05/2021	Quarterly	1000m	0	0	0
Major Easements	NSW Department of Finance, Services & Innovation	14/05/2021	14/05/2021	Quarterly	1000m	0	1	10
State Forest	Forestry Corporation of NSW	25/02/2021	14/02/2021	Annually	1000m	0	0	0
NSW National Parks and Wildlife Service Reserves	NSW Office of Environment & Heritage	22/01/2021	11/12/2020	Annually	1000m	0	0	0
Hydrogeology Map of Australia	Commonwealth of Australia (Geoscience Australia)	08/10/2014	17/03/2000	As required	1000m	1	1	1
Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018	NSW Department of Planning, Industry and Environment	26/10/2020	21/02/2018	Annually	1000m	0	0	0
Groundwater Boreholes	NSW Dept. of Primary Industries - Water NSW; Commonwealth of Australia (Bureau of Meteorology)	24/07/2018	23/07/2018	Annually	2000m	0	0	7

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
Geological Units 1:100,000	NSW Department of Planning, Industry and Environment	20/08/2014		Annually	1000m	3	3	4
Geological Structures 1:100,000	NSW Department of Planning, Industry and Environment	20/08/2014		Annually	1000m	0	0	1
Naturally Occurring Asbestos Potential	NSW Dept. of Industry, Resources & Energy	04/12/2015	24/09/2015	Unknown	1000m	0	0	0
Atlas of Australian Soils	Australian Bureau of Agriculture and Resource Economics and Sciences (ABARES)	19/05/2017	17/02/2011	As required	1000m	2	2	2
Soil Landscapes of Central and Eastern NSW	NSW Department of Planning, Industry and Environment	14/10/2020	27/07/2020	Annually	1000m	5	5	7
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Industry and Environment	01/07/2021	28/06/2021	Monthly	500m	0	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	19/01/2017	21/02/2013	As required	1000m	2	2	2
Dryland Salinity - National Assessment	National Land and Water Resources Audit	18/07/2014	12/05/2013	None planned	1000m	0	0	1
Dryland Salinity Potential of Western Sydney	NSW Department of Planning, Industry and Environment	12/05/2017	01/01/2002	None planned	1000m	4	4	13
Mining Subsidence Districts	NSW Department of Customer Service - Subsidence Advisory NSW	14/05/2021	28/04/2021	Quarterly	1000m	0	0	0
Current Mining Titles	NSW Department of Industry	01/07/2021	01/07/2021	Monthly	1000m	1	1	1
Mining Title Applications	NSW Department of Industry	01/07/2021	01/07/2021	Monthly	1000m	0	0	0
Historic Mining Titles	NSW Department of Industry	01/07/2021	01/07/2021	Monthly	1000m	10	10	10
Environmental Planning Instrument SEPP State Significant Precincts	NSW Department of Planning, Industry and Environment	01/07/2021	07/12/2018	Monthly	1000m	0	0	0
Environmental Planning Instrument Land Zoning	NSW Department of Planning, Industry and Environment	01/07/2021	28/06/2021	Monthly	1000m	3	6	44
Commonwealth Heritage List	Australian Government Department of the Agriculture, Water and the Environment	18/05/2021	20/11/2019	Annually	1000m	0	0	0
National Heritage List	Australian Government Department of the Agriculture, Water and the Environment	18/05/2021	20/11/2019	Annually	1000m	0	0	0
State Heritage Register - Curtilages	NSW Department of Planning, Industry and Environment	14/05/2021	26/03/2021	Quarterly	1000m	0	1	4
Environmental Planning Instrument Local Heritage	NSW Department of Planning, Industry and Environment	01/07/2021	28/06/2021	Monthly	1000m	0	1	6
Bush Fire Prone Land	NSW Rural Fire Service	12/07/2021	08/06/2021	Weekly	1000m	3	4	4
Native Vegetation of the Sydney Metropolitan Area	NSW Office of Environment & Heritage	01/03/2017	16/12/2016	As required	1000m	25	36	69
Remnant Vegetation of the Cumberland Plain	NSW Office of Environment & Heritage	07/10/2014	04/08/2011	Unknown	1000m	6	6	11
Ramsar Wetlands of Australia	Australian Government Department of Agriculture, Water and the Environment	24/02/2021	19/03/2020	Annually	1000m	0	0	0
Groundwater Dependent Ecosystems	Bureau of Meteorology	14/08/2017	15/05/2017	Annually	1000m	1	1	3
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	14/08/2017	15/05/2017	Unknown	1000m	1	2	4
NSW BioNet Species Sightings	NSW Office of Environment & Heritage	12/07/2021	12/07/2021	Weekly	10000m	-	-	-

Site Diagram

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



<div><div>Legend</div><div><div><div></div></div> Site Boundary</div><div><div></div> Internal Parcel Boundaries</div></div>	<div><div>Total Area:</div><div>1.43km²</div></div> <div><div>Total Perimeter:</div><div>5.22km</div></div>		<div><div>Scale:</div><div><div><div>0</div><div>50</div><div>100</div><div>200</div><div>300</div><div>400</div><div>500</div></div><div>Meters</div></div></div>		
	<div>Disclaimers:</div> <div>Measurements are approximate only and may have been simplified or smaller lengths removed for readability.</div> <div>Parcels that make up a small percentage of the total site area have not been labelled for increased legibility.</div>			<div>Data Sources: Data Sources: Aerial Imagery: © Aerometrex Pty Ltd</div>	
	<div>Coordinate System: GDA 1994 MGA Zone 56</div>		<div>Date: 14 July 2021</div>		

Contaminated Land

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

List of NSW contaminated sites notified to EPA

Records from the NSW EPA Contaminated Land list within the dataset buffer:

Map Id	Site	Address	Suburb	Activity	Management Class	Status	Location Confidence	Dist	Direction
N/A	No records in buffer								

The values within the EPA site management class in the table above, are given more detailed explanations in the table below:

EPA site management class	Explanation
Contamination being managed via the planning process (EP&A Act)	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. The contamination of this site is managed by the consent authority under the Environmental Planning and Assessment Act 1979 (EP&A Act) planning approval process, with EPA involvement as necessary to ensure significant contamination is adequately addressed. The consent authority is typically a local council or the Department of Planning and Environment.
Contamination currently regulated under CLM Act	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). Management of the contamination is regulated by the EPA under the CLM Act. Regulatory notices are available on the EPA's Contaminated Land Public Record of Notices.
Contamination currently regulated under POEO Act	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. Management of the contamination is regulated under the Protection of the Environment Operations Act 1997 (POEO Act). The EPA's regulatory actions under the POEO Act are available on the POEO public register.
Contamination formerly regulated under the CLM Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). The contamination was addressed under the CLM Act.
Contamination formerly regulated under the POEO Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed under the Protection of the Environment Operations Act 1997 (POEO Act).
Contamination was addressed via the planning process (EP&A Act)	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed by the appropriate consent authority via the planning process under the Environmental Planning and Assessment Act 1979 (EP&A Act).
Ongoing maintenance required to manage residual contamination (CLM Act)	The EPA has determined that ongoing maintenance, under the Contaminated Land Management Act 1997 (CLM Act), is required to manage the residual contamination. Regulatory notices under the CLM Act are available on the EPA's Contaminated Land Public Record of Notices.
Regulation being finalised	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997. A regulatory approach is being finalised.
Regulation under the CLM Act not required	The EPA has completed an assessment of the contamination and decided that regulation under the Contaminated Land Management Act 1997 is not required.
Under assessment	The contamination is being assessed by the EPA to determine whether regulation is required. The EPA may require further information to complete the assessment. For example, the completion of management actions regulated under the planning process or Protection of the Environment Operations Act 1997. Alternatively, the EPA may require information via a notice issued under s77 of the Contaminated Land Management Act 1997 or issue a Preliminary Investigation Order.

NSW EPA Contaminated Land List Data Source: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority

Contaminated Land

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

Map Id	Name	Address	Suburb	Notices	Area No	Location Confidence	Distance	Direction
N/A	No records in buffer							

Contaminated Land Records of Notice Data Source: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority
Terms of use and disclaimer for Contaminated Land: Record of Notices, please visit
<http://www.epa.nsw.gov.au/clm/clmdisclaimer.htm>

Former Gasworks

Former Gasworks within the dataset buffer:

Map Id	Location	Council	Further Info	Location Confidence	Distance	Direction
N/A	No records in buffer					

Former Gasworks Data Source: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority

Waste Management & Liquid Fuel Facilities

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

National Waste Management Site Database

Sites on the National Waste Management Site Database within the dataset buffer:

Site Id	Owner	Name	Address	Suburb	Class	Landfill	Reprocess	Transfer	Comments	Loc Conf	Dist	Direction
N/A	No records in buffer											

Waste Management Facilities Data Source: Geoscience Australia

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National Liquid Fuel Facilities

National Liquid Fuel Facilities within the dataset buffer:

Map Id	Owner	Name	Address	Suburb	Class	Operational Status	Operator	Revision Date	Loc Conf	Dist	Direction
N/A	No records in buffer										

National Liquid Fuel Facilities Data Source: Geoscience Australia

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PFAS Investigation & Management Programs

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

EPA PFAS Investigation Program

Sites that are part of the EPA PFAS investigation program, within the dataset buffer:

Map ID	Site	Address	Loc Conf	Dist	Dir
N/A	No records in buffer				

EPA PFAS Investigation Program: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority

Defence PFAS Investigation Program

Sites being investigated by the Department of Defence for PFAS contamination within the dataset buffer:

Map ID	Base Name	Address	Loc Conf	Dist	Dir
N/A	No records in buffer				

Defence PFAS Investigation Program Data Custodian: Department of Defence, Australian Government

Defence PFAS Management Program

Sites being managed by the Department of Defence for PFAS contamination within the dataset buffer:

Map ID	Base Name	Address	Loc Conf	Dist	Dir
N/A	No records in buffer				

Defence PFAS Management Program Data Custodian: Department of Defence, Australian Government

Airservices Australia National PFAS Management Program

Sites being investigated or managed by Airservices Australia for PFAS contamination within the dataset buffer:

Map ID	Site Name	Impacts	Loc Conf	Dist	Dir
N/A	No records in buffer				

Airservices Australia National PFAS Management Program Data Custodian: Airservices Australia

Defence Sites

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Defence 3 Year Regional Contamination Investigation Program

Sites which have been assessed as part of the Defence 3 Year Regional Contamination Investigation Program within the dataset buffer:

Property ID	Base Name	Address	Known Contamination	Loc Conf	Dist	Dir
N/A	No records in buffer					

Defence 3 Year Regional Contamination Investigation Program, Data Custodian: Department of Defence, Australian Government

EPA Other Sites with Contamination Issues

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

EPA Other Sites with Contamination Issues

This dataset contains other sites identified on the EPA website as having contamination issues. This dataset currently includes:

- James Hardie asbestos manufacturing and waste disposal sites
- Radiological investigation sites in Hunter's Hill
- Pasminco Lead Abatement Strategy Area

Sites within the dataset buffer:

Site Id	Site Name	Site Address	Dataset	Comments	Location Confidence	Distance	Direction
N/A	No records in buffer						

EPA Other Sites with Contamination Issues: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority

EPA Activities

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Licensed Activities under the POEO Act 1997

Licensed activities under the Protection of the Environment Operations Act 1997, within the dataset buffer:

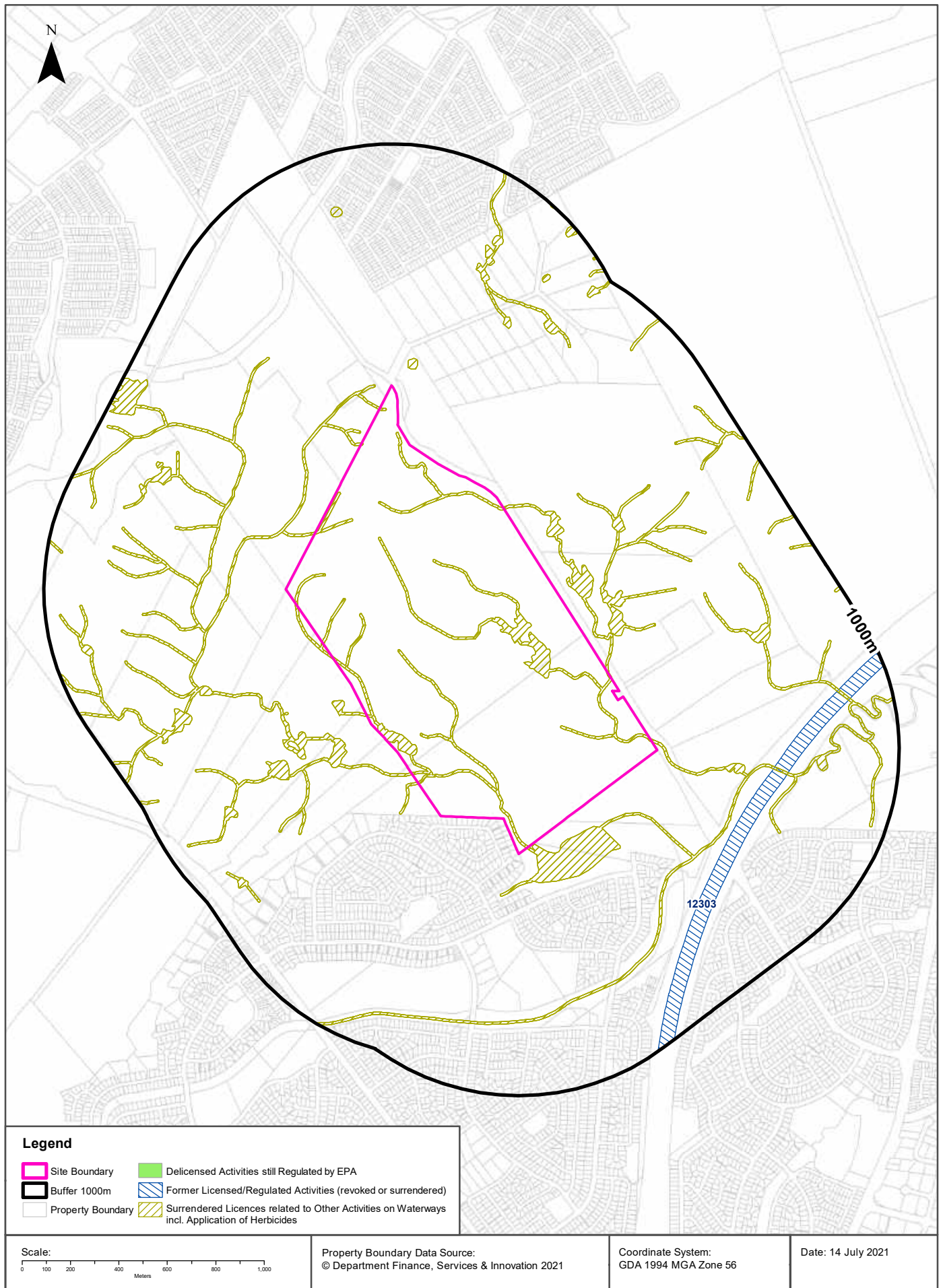
EPL	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
N/A	No records in buffer							

POEO Licence Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Delicensed & Former Licensed EPA Activities

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



EPA Activities

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Delicensed Activities still regulated by the EPA

Delicensed activities still regulated by the EPA, within the dataset buffer:

Licence No	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
N/A	No records in buffer							

Delicensed Activities Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Former Licensed Activities under the POEO Act 1997, now revoked or surrendered

Former Licensed activities under the Protection of the Environment Operations Act 1997, now revoked or surrendered, within the dataset buffer:

Licence No	Organisation	Location	Status	Issued Date	Activity	Loc Conf	Distance	Direction
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered	06/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	On-site
4838	Robert Orchard	Various Waterways throughout New South Wales - SYDNEY NSW 2000	Surrendered	07/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	On-site
6630	SYDNEY WEED & PEST MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW - PROSPECT, NSW, 2148	Surrendered	09/11/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	On-site
6651	CAMPBELLTOWN CITY COUNCIL	WATERWAYS OF CAMPBELLTOWN CITY COUNCIL AREA - CAMPBELLTOWN NSW 2560	Surrendered	08/05/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	On-site
12303	ROADS AND MARITIME SERVICES	Between Brooks Road, Ingleburn and Narellan Road, Blair Athol, INGLEBURN, NSW 2565	Surrendered	20/04/2005	Road Construction	Road Match	438m	South East
5093	CAMDEN COUNCIL	WATERWAYS OF CAMDEN LOCAL GOVERNMENT AREA, -, CAMDEN	Surrendered	28/08/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	907m	West

Former Licensed Activities Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Historical Business Directories

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Business Directory Records 1950-1991 Premise or Road Intersection Matches

Universal Business Directory records from years 1991, 1986, 1982, 1970, 1961 & 1950, mapped to a premise or road intersection within the dataset buffer:

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
N/A	No records in buffer						

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Business Directory Records 1950-1991

Road or Area Matches

Universal Business Directory records from years 1991, 1986, 1982, 1970, 1961 & 1950, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
N/A	No records in buffer					

Reproduced with permission of UBD and Hardie Grant Media Pty Ltd DD 01/08/2018

Historical Business Directories

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Dry Cleaners, Motor Garages & Service Stations 1948-1993 Premise or Road Intersection Matches

Dry Cleaners, Motor Garages & Service Stations from UBD Business Directories, mapped to a premise or road intersection, within the dataset buffer.

Note: The Universal Business Directories were published between 1948 and 1993. Dry Cleaners, Motor Garages & Service Stations have been extracted from all of these directories except the following years 1951, 1955, 1957, 1960, 1963, 1973, 1974, 1977, 1987.

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
N/A	No records in buffer						

Reproduced with permission of UBD and Hardie Grant Media Pty Ltd DD 01/08/2018

Dry Cleaners, Motor Garages & Service Stations 1948-1993 Road or Area Matches

Dry Cleaners, Motor Garages & Service Stations from UBD Business Directories, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published.

Note: The Universal Business Directories were published between 1948 and 1993. Dry Cleaners, Motor Garages & Service Stations have been extracted from all of these directories except the following years 1951, 1955, 1957, 1960, 1963, 1973, 1974, 1977, 1987.

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
N/A	No records in buffer					

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Aerial Imagery 2020

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



<p>Scale:</p> <p>0 130 260 390 520</p> <p>Meters</p>	<p>Data Sources: Aerial Imagery:</p> <p>© Aerometrex Pty Ltd</p>	<p>Coordinate System:</p> <p>GDA 1994 MGA Zone 56</p>	<p>Date: 14 July 2021</p>
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Aerial Imagery 2014

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Scale:
0 130 260 390 520
Meters

Data Sources: Aerial Imagery:
© Aerometrex Pty Ltd

Coordinate System:
GDA 1994 MGA Zone 56

Date: 14 July 2021

Aerial Imagery 2009

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Scale: 0 130 260 390 520 Meters	Data Sources: Aerial Imagery: © Aerometrex Pty Ltd	Coordinate System: GDA 1994 MGA Zone 56	Date: 14 July 2021
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Aerial Imagery 2005

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Aerial Imagery 2000

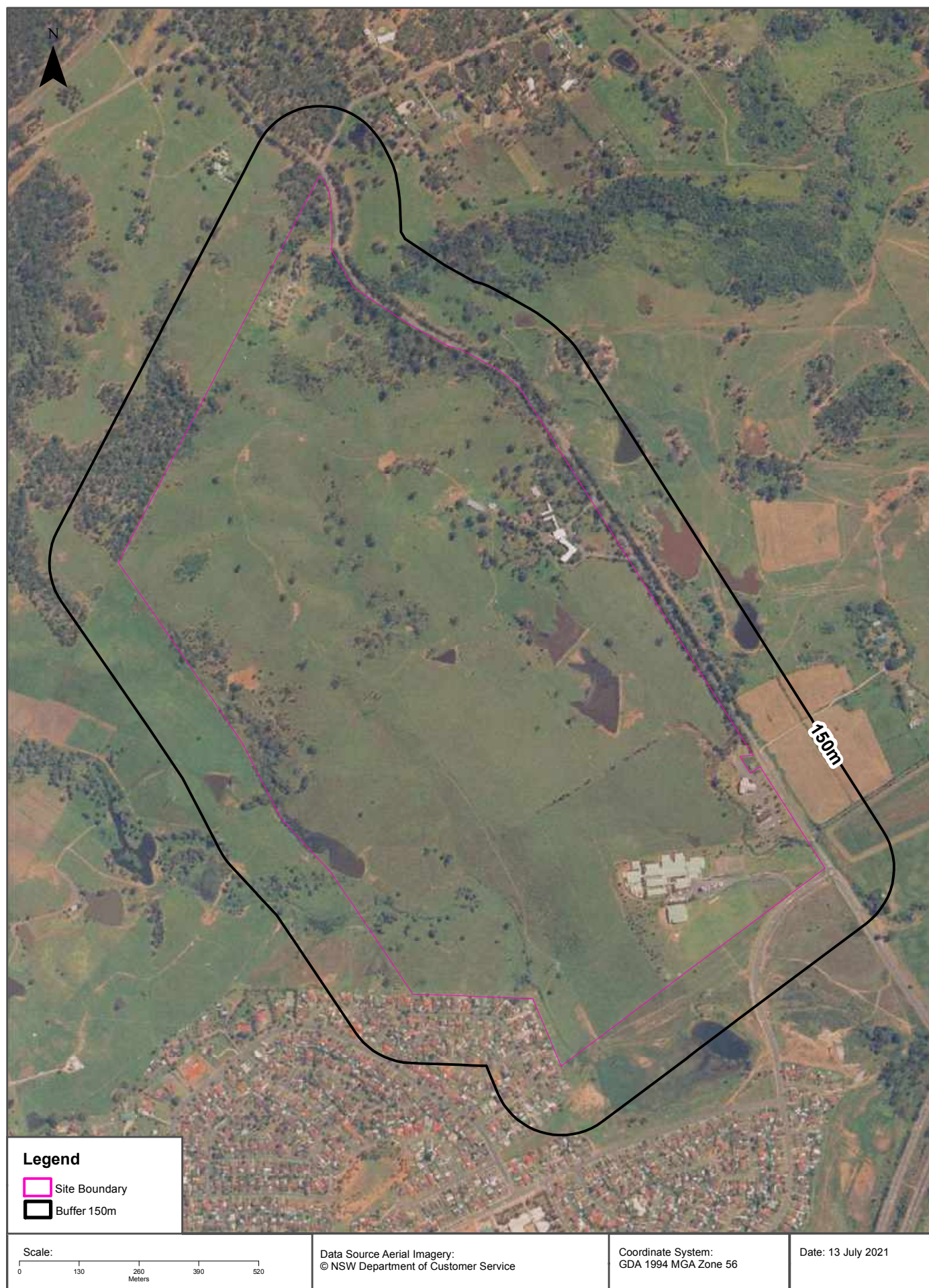
Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Scale: 0 130 260 390 520 Meters	Data Sources: Aerial Imagery: © Aerometrex Pty Ltd	Coordinate System: GDA 1994 MGA Zone 56	Date: 14 July 2021
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Aerial Imagery 1998

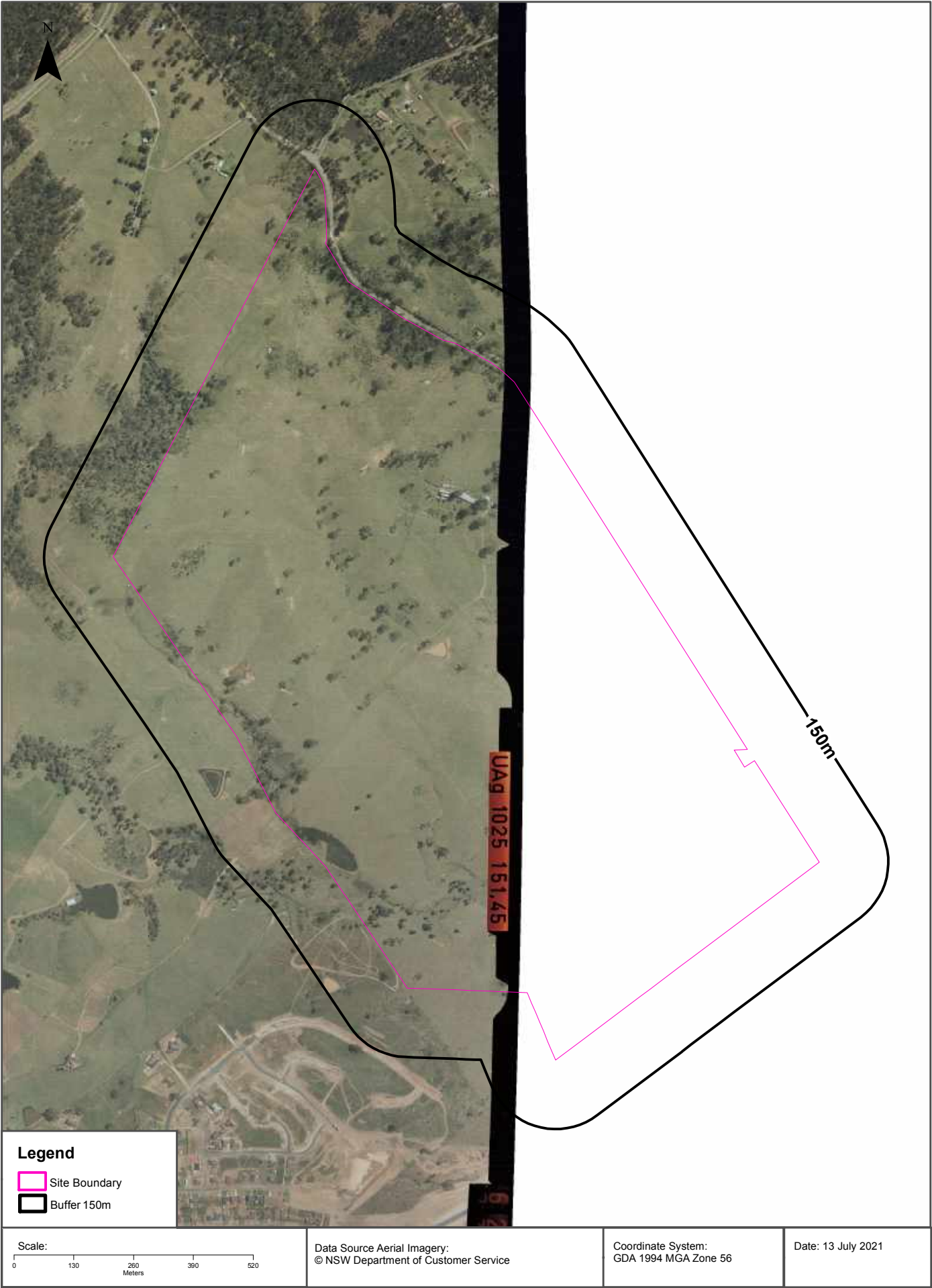
Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Aerial Imagery 1994

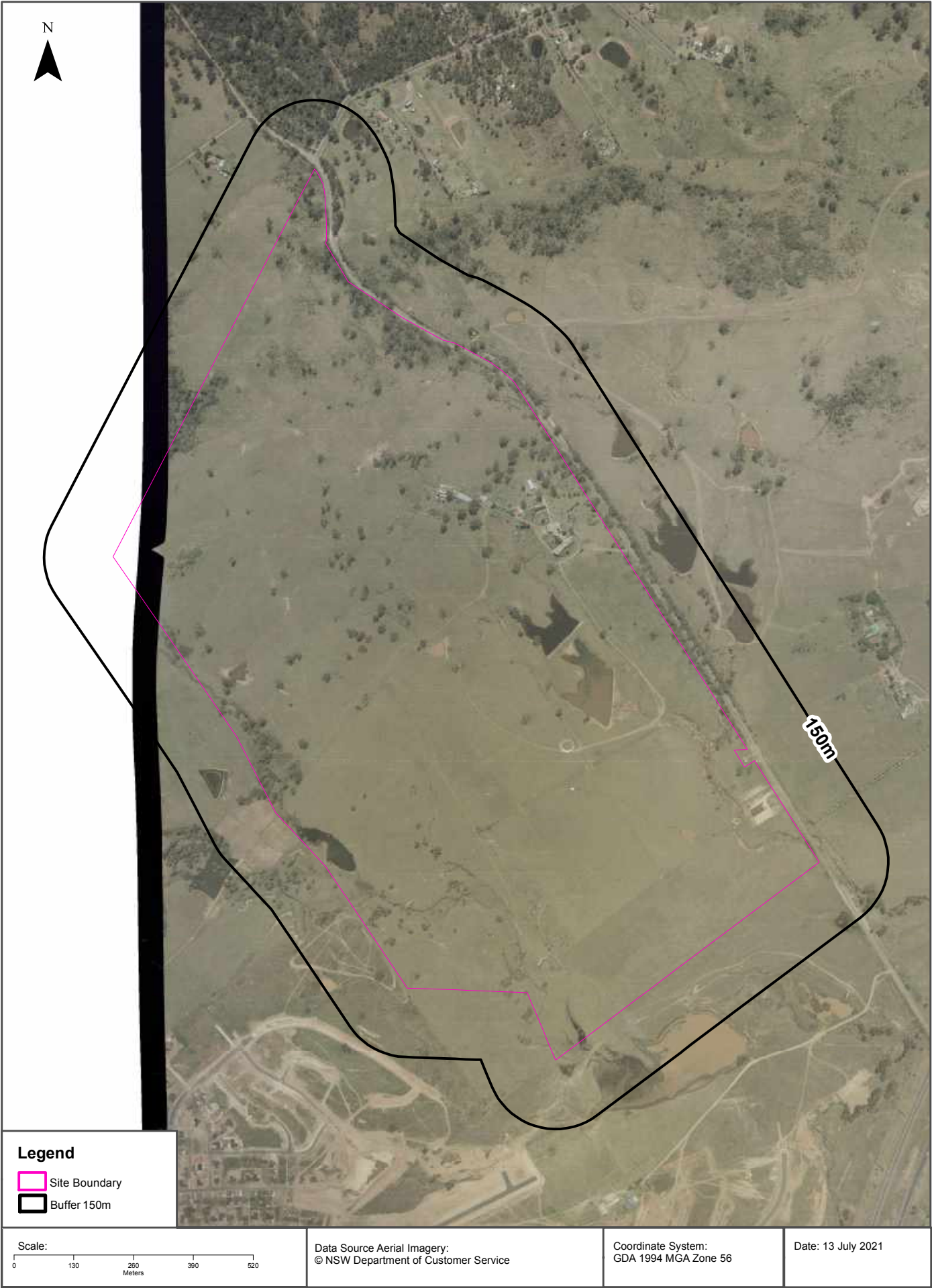
Spitfire Drive & St Andrews Road, Varroville, NSW 2566





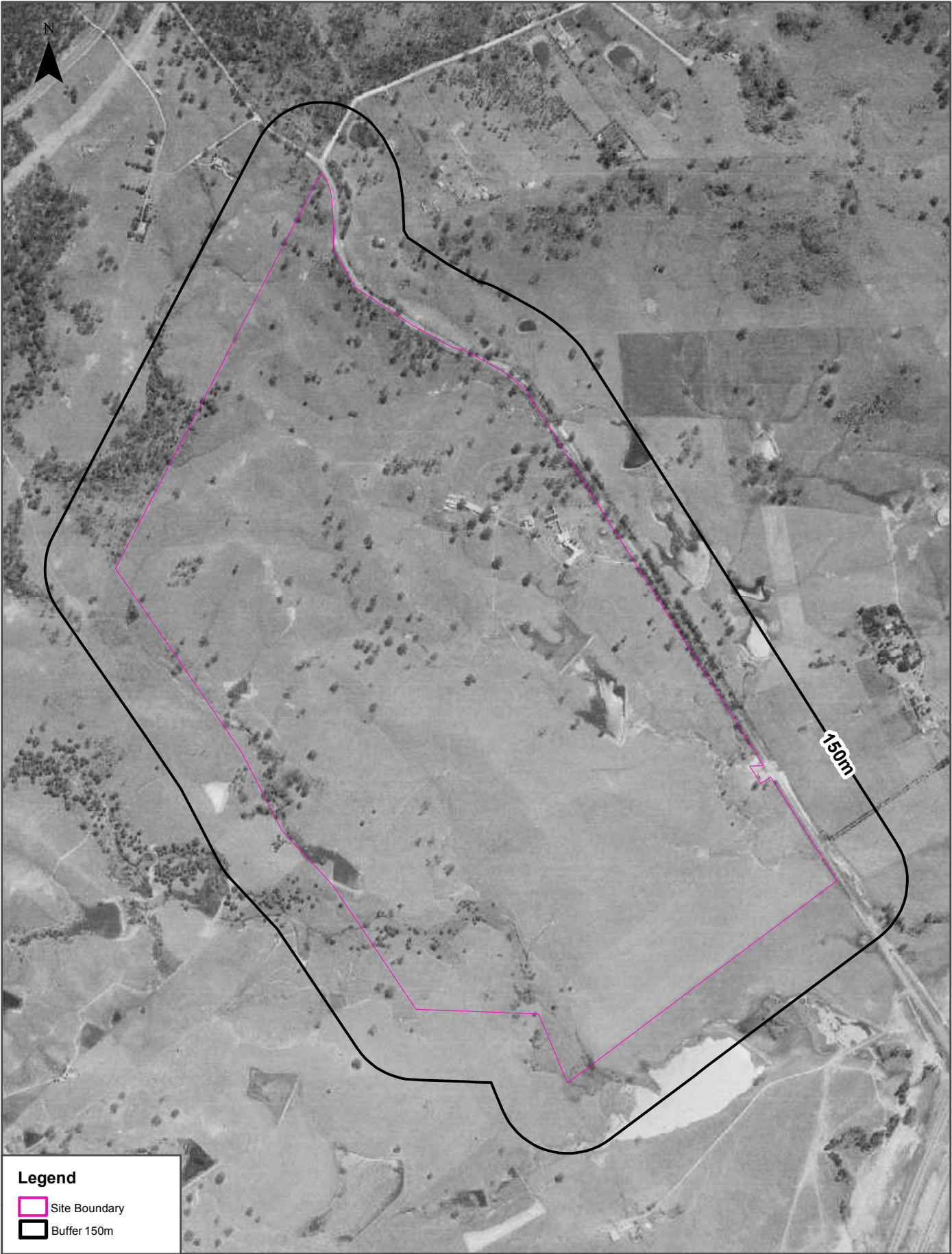
Aerial Imagery 1984

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Aerial Imagery 1975

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Scale: 0 130 260 390 520 Meters	Data Source Aerial Imagery: © NSW Department of Customer Service	Coordinate System: GDA 1994 MGA Zone 56	Date: 13 July 2021
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Aerial Imagery 1970

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Aerial Imagery 1965

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

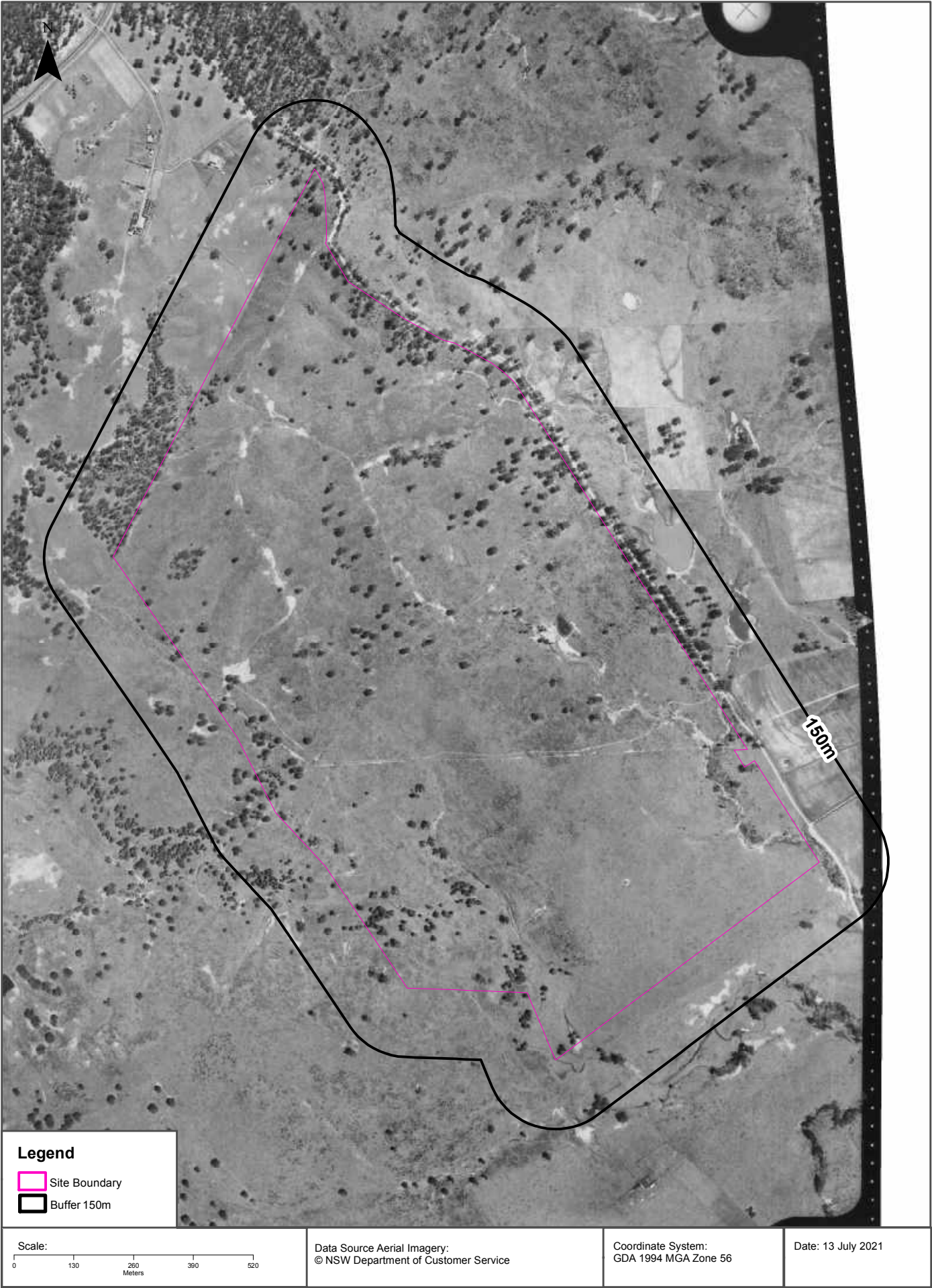


Scale: 0 130 260 390 520 Meters	Data Source Aerial Imagery: © NSW Department of Customer Service	Coordinate System: GDA 1994 MGA Zone 56	Date: 13 July 2021
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Aerial Imagery 1956

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Aerial Imagery 1956

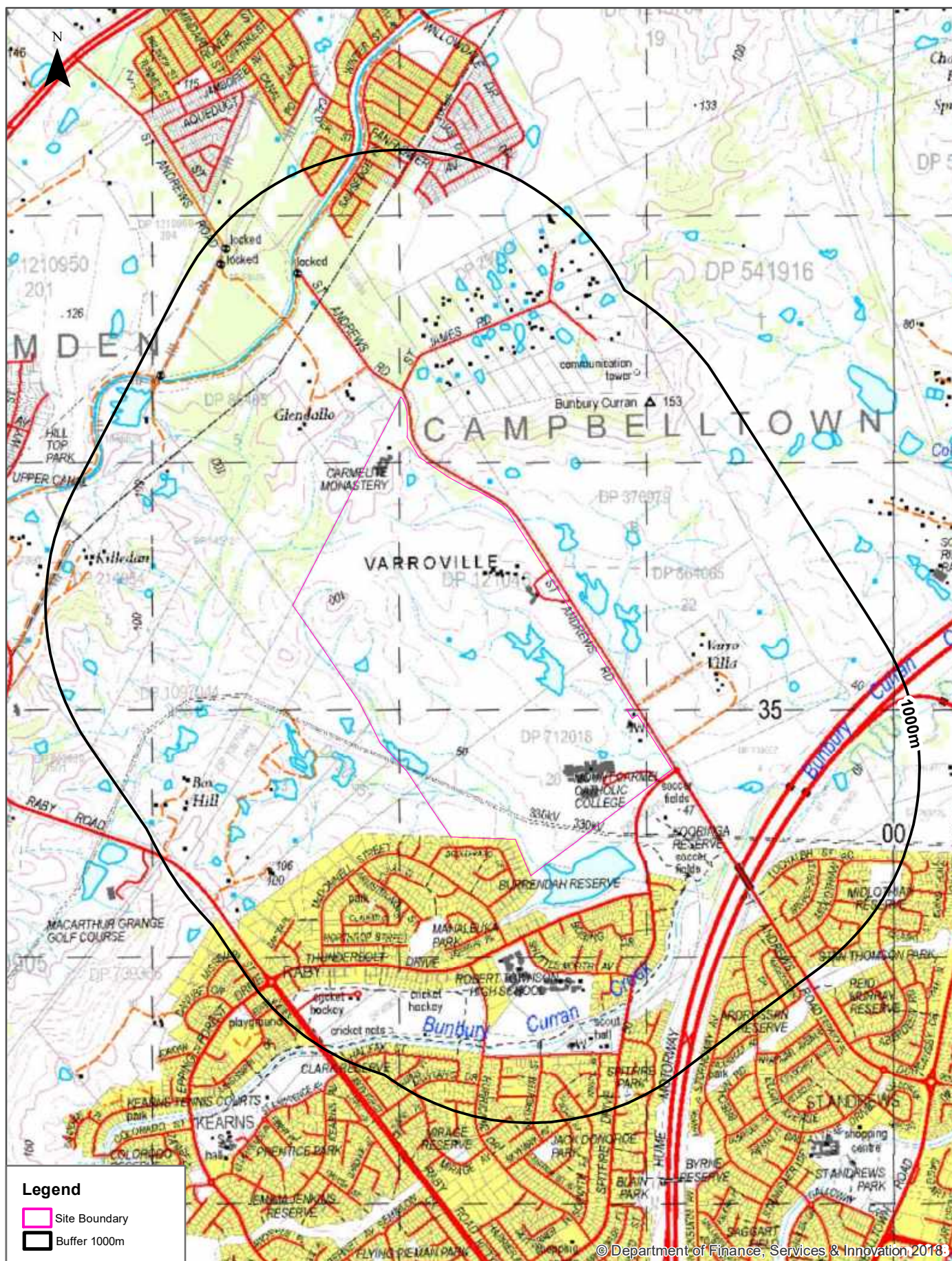
Spitfire Drive & St Andrews Road, Varroville, NSW 2566





Topographic Map 2015

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Scale:
0 240 480 720 960
Meters

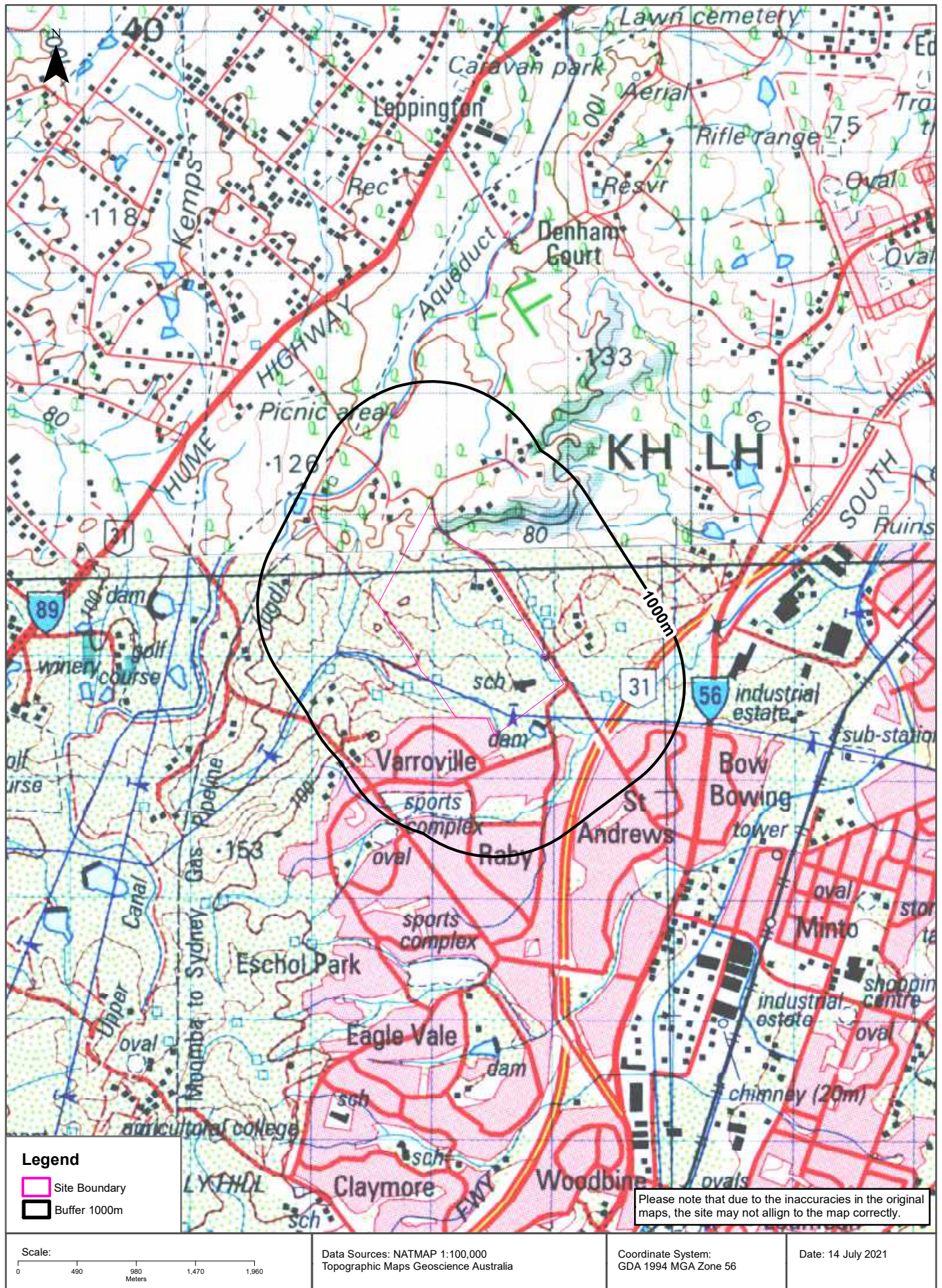
Data Sources: Topographic Map Data
© NSW Land and Property Information

Coordinate System:
GDA 1994 MGA Zone 56

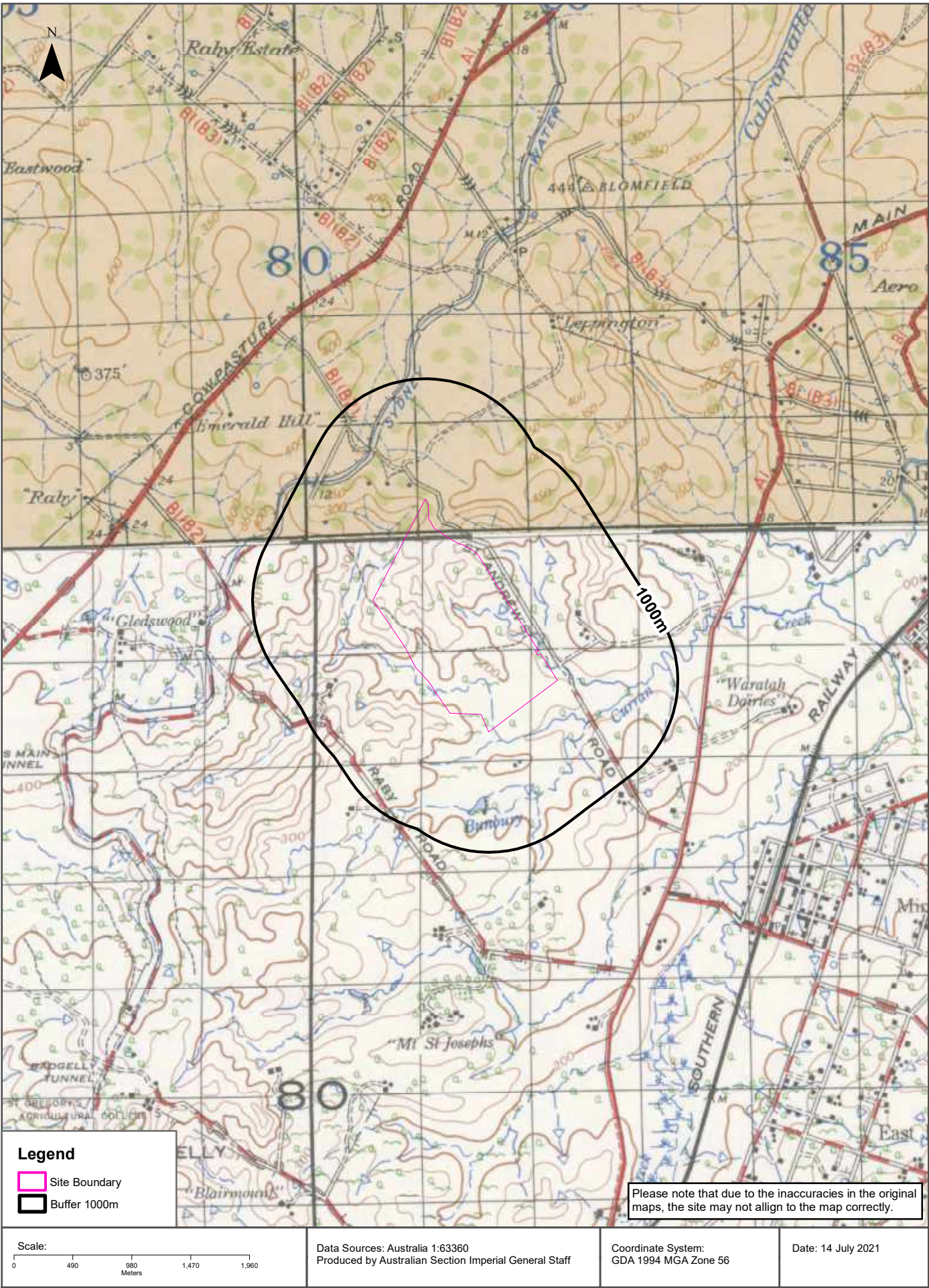
Date: 14 July 2021

Historical Map 1975 - 1998

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

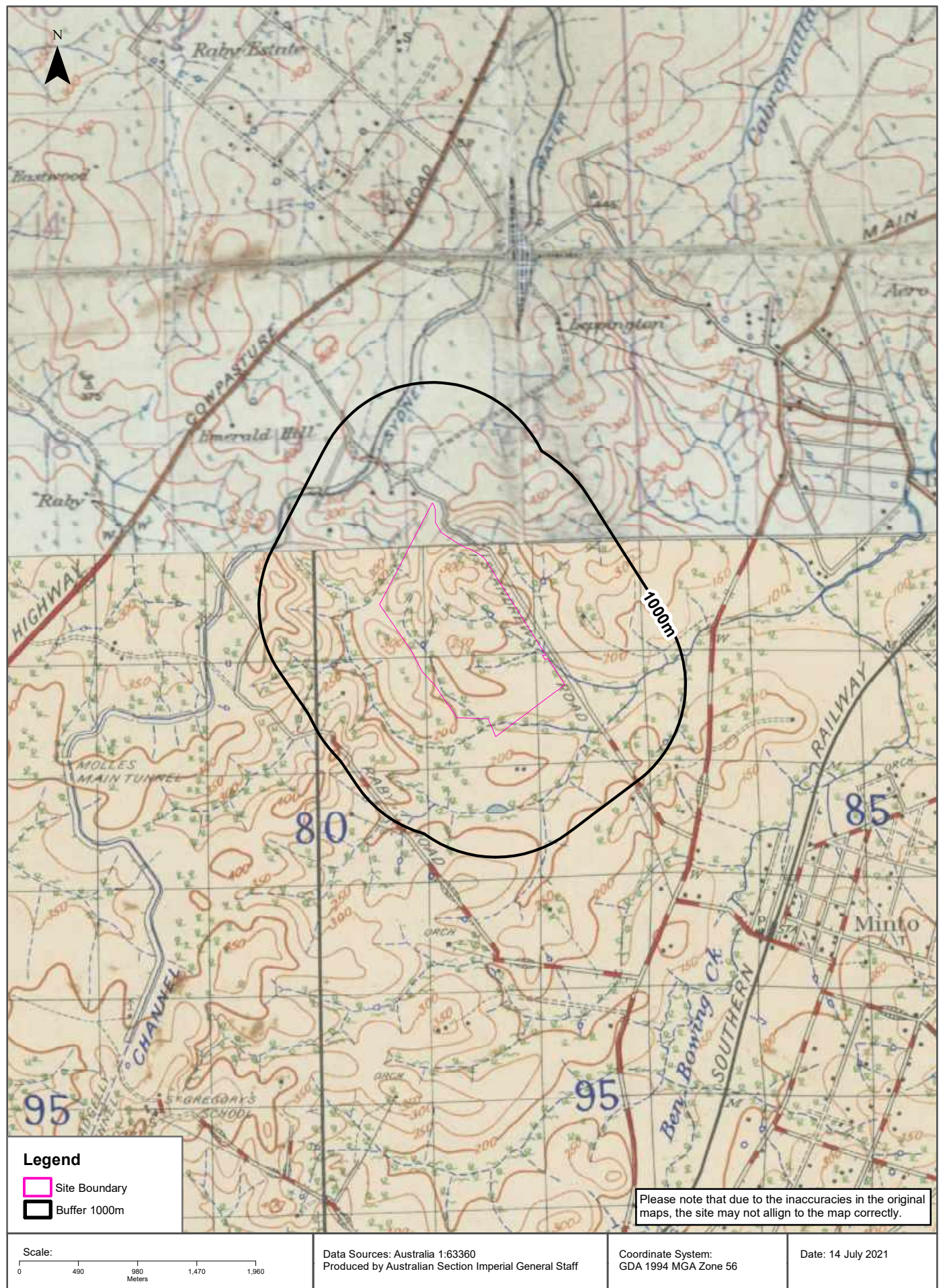


Historical Map 1942 - 1954
Spitfire Drive & St Andrews Road, Varroville, NSW 2566



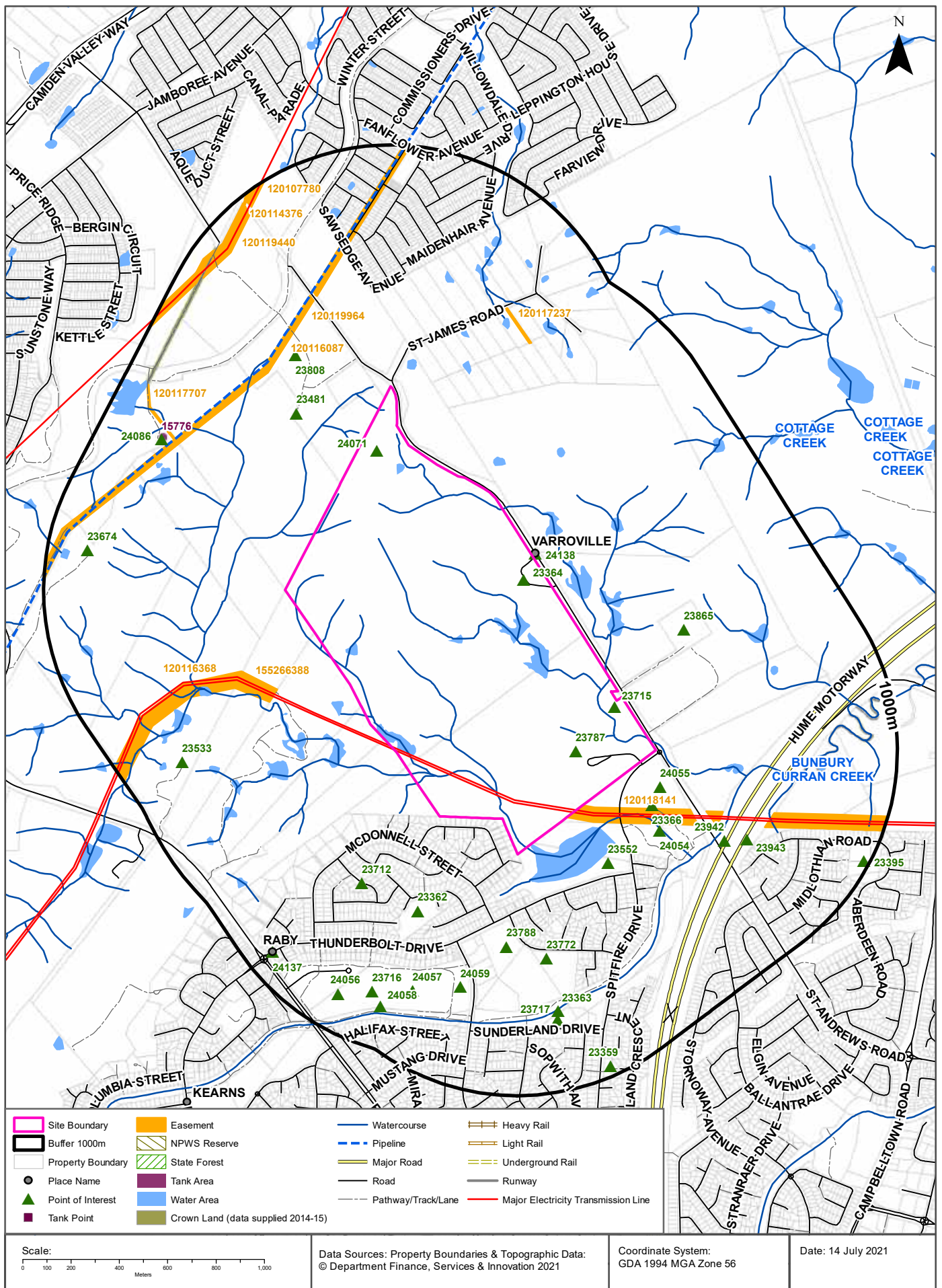
Historical Map 1929 - 1934

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Topographic Features

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Topographic Features

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
23715	Place Of Worship	CATHOLIC CHURCH	0m	On-site
23364	Community Facility	MOUNT CARMEL RETREAT CENTRE	0m	On-site
23787	High School	MOUNT CARMEL CATHOLIC COLLEGE	0m	On-site
24071	Convent/Monastery	CARMELITE MONASTERY	0m	On-site
24138	Locality	VARROVILLE	15m	North East
24055	Sports Field	SOCCER FIELDS	133m	South East
23366	Sports Field	KOORINGA RESERVE	172m	South East
23552	Park	BURRENDAH RESERVE	254m	South East
24054	Sports Field	SOCCER FIELDS	277m	South East
23481	Homestead	GLENDALLO	296m	North West
23865	Homestead	VARRO VILLA	367m	East
23788	High School	ROBERT TOWNSON HIGH SCHOOL	386m	South
23362	Park	MANALEUKA PARK	402m	South
23808	Primary School	ST SAVA COLLEGE	409m	North West
23712	Park	Park	424m	South
23772	Primary School	ROBERT TOWNSON PUBLIC SCHOOL	448m	South
23942	Roadside Emergency Telephone	112	470m	South East
23943	Roadside Emergency Telephone	111	528m	South East
24059	Park	DOG PARK OFF LEASH	599m	South
23363	Park	SUNDERLAND PARK	672m	South
23717	Place Of Worship	JEHOVAHS WITNESSES CHURCH	706m	South
24057	Sports Field	CRICKET HOCKEY	713m	South
24086	Filtration Plant	Filtration Plant	744m	North West
23533	Homestead	BOX HILL	755m	South West
23716	Sports Field	RABY SPORTS COMPLEX	778m	South
24058	Sports Court	CRICKET NETS	824m	South
23674	Homestead	KILLEDAN	834m	West
24056	Sports Field	CRICKET HOCKEY	846m	South
24137	Suburb	RABY	892m	South West
23359	Park	SPITFIRE PARK	958m	South
23395	Park	MIDLOTHIAN RESERVE	976m	South East

Topographic Data Source: © Land and Property Information (2015)

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Topographic Features

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Tanks (Areas)

What are the Tank Areas located within the dataset buffer?

Note. The large majority of tank features provided by LPI are derived from aerial imagery & are therefore primarily above ground tanks.

Map Id	Tank Type	Status	Name	Feature Currency	Distance	Direction
15776	Water	Operational	VARROVILLE RESERVOIR	23/07/2018	722m	North West

Tanks (Points)

What are the Tank Points located within the dataset buffer?

Note. The large majority of tank features provided by LPI are derived from aerial imagery & are therefore primarily above ground tanks.

Map Id	Tank Type	Status	Name	Feature Currency	Distance	Direction
N/A	No records in buffer					

Tanks Data Source: © Land and Property Information (2015)

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Major Easements

What Major Easements exist within the dataset buffer?

Note. Easements provided by LPI are not at the detail of local governments. They are limited to major easements such as Right of Carriageway, Electrical Lines (66kVa etc.), Easement to drain water & Significant subterranean pipelines (gas, water etc.).

Map Id	Easement Class	Easement Type	Easement Width	Distance	Direction
120118141	Primary	Undefined		0m	South East
155266388	Primary	Electricity	60m	260m	West
120116368	Primary	Undefined		336m	West
120116087	Primary	Undefined		460m	North West
120119964	Primary	Undefined		460m	North West
120117237	Primary	Undefined		573m	North
120117707	Primary	Undefined		685m	North West
120119440	Primary	Undefined		865m	North West
120114376	Primary	Undefined		894m	North West
120107780	Primary	Undefined		941m	North West

Easements Data Source: © Land and Property Information (2015)

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Topographic Features

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

State Forest

What State Forest exist within the dataset buffer?

State Forest Number	State Forest Name	Distance	Direction
N/A	No records in buffer		

State Forest Data Source: © NSW Department of Finance, Services & Innovation (2018)
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National Parks and Wildlife Service Reserves

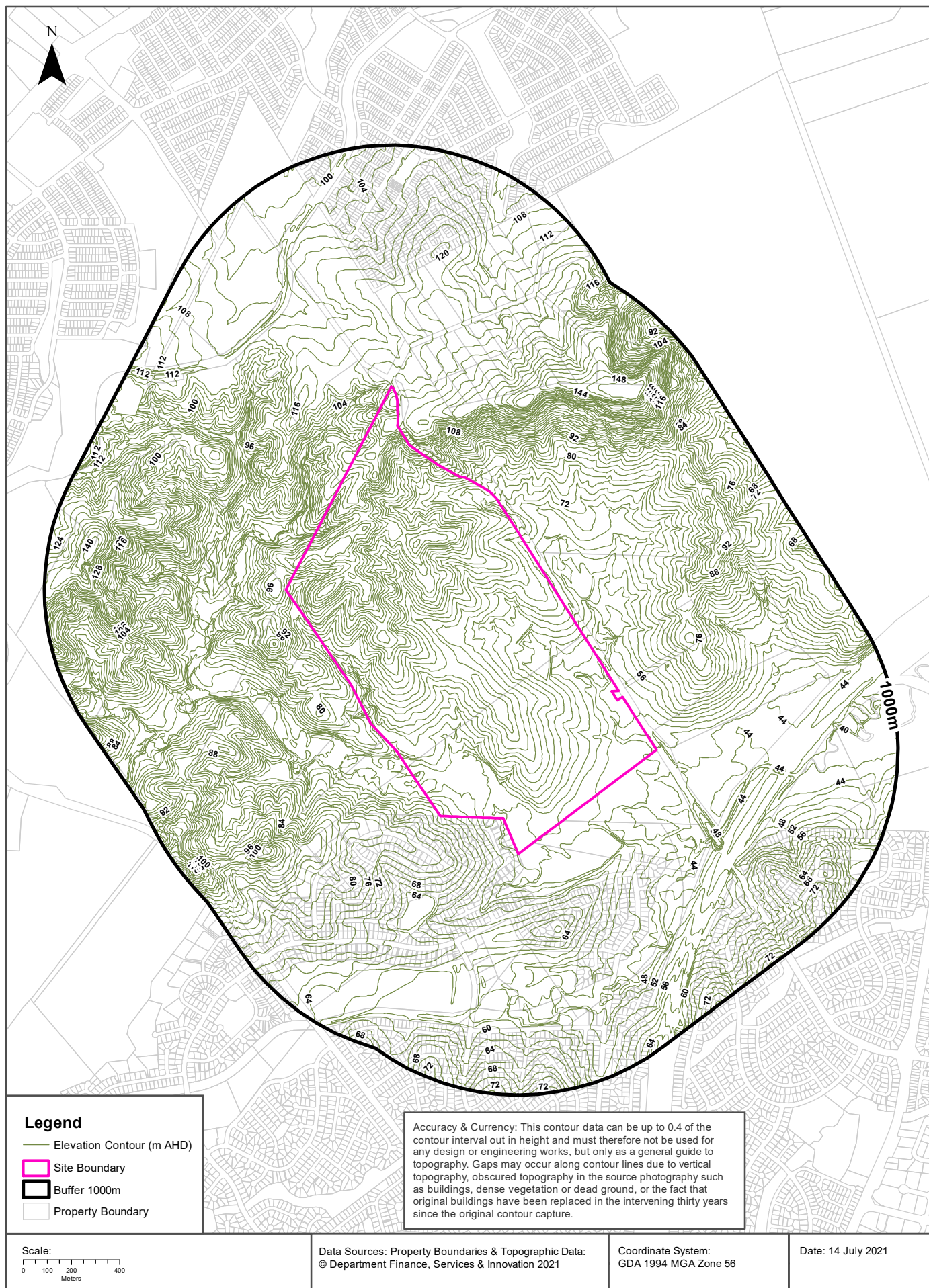
What NPWS Reserves exist within the dataset buffer?

Reserve Number	Reserve Type	Reserve Name	Gazetted Date	Distance	Direction
N/A	No records in buffer				

NPWS Data Source: © NSW Department of Finance, Services & Innovation (2018)
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Elevation Contours (m AHD)

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Hydrogeology & Groundwater

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Hydrogeology

Description of aquifers within the dataset buffer:

Description	Distance	Direction
Porous, extensive aquifers of low to moderate productivity	0m	On-site

Hydrogeology Map of Australia : Commonwealth of Australia (Geoscience Australia)

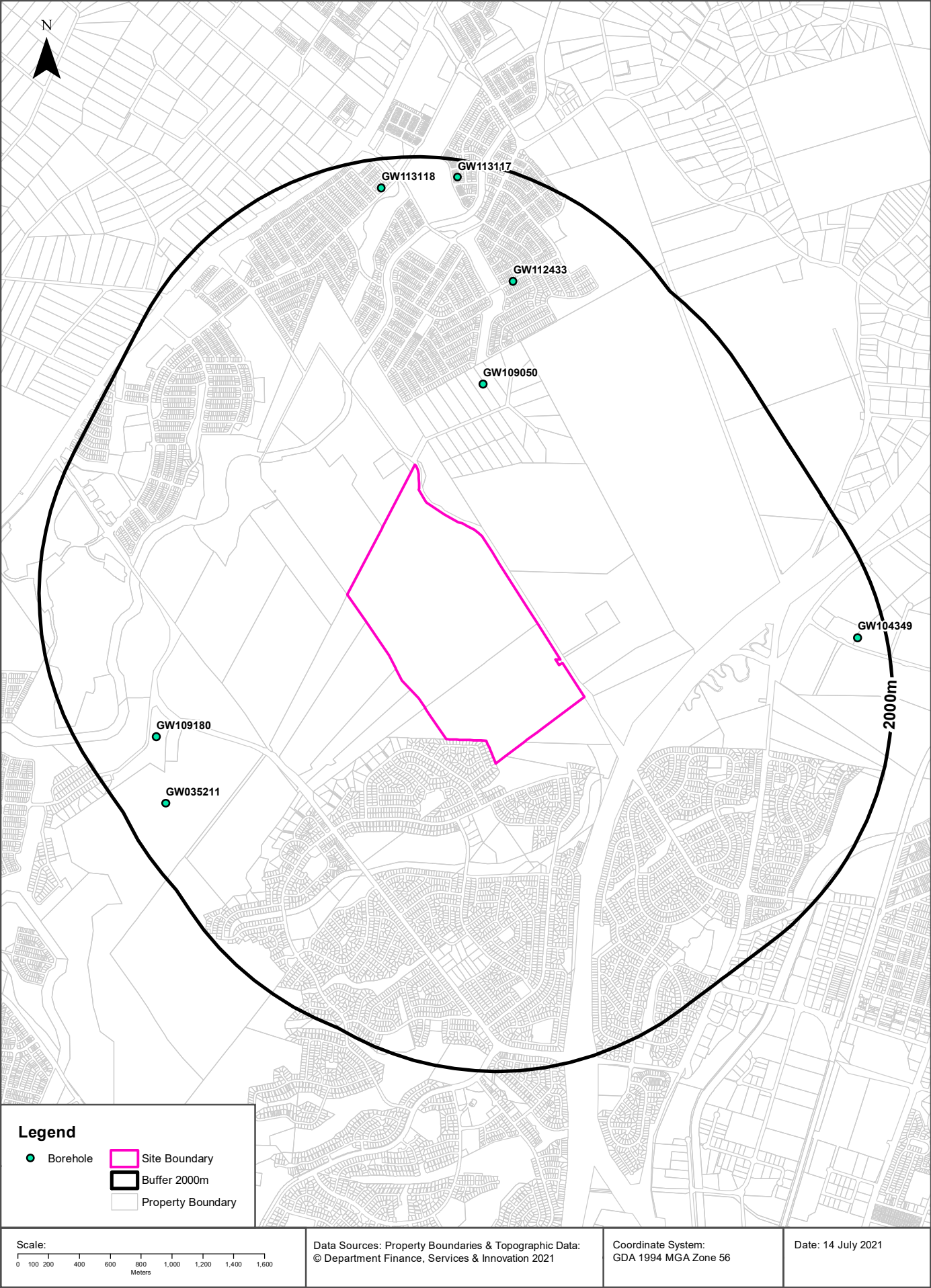
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Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018

Temporary water restrictions relating to the Botany Sands aquifer within the dataset buffer:

Prohibition Area No.	Prohibition	Distance	Direction
N/A	No records in buffer		

Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018 Data Source : NSW Department of Primary Industries



Hydrogeology & Groundwater

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Groundwater Boreholes

Boreholes within the dataset buffer:

GW No.	Licence No	Work Type	Owner Type	Authorised Purpose	Intended Purpose	Name	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m bgl)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW109 050	10BL602 182, 10WA10 9234	Bore	Private	Domestic, Stock	Domestic, Stock		15/07/2008	240.00		8300	70.00	0.100		687m	North
GW112 433	10BL605 098	Bore	Other Govt	Monitoring Bore	Monitoring Bore	East Leppington - MW04	23/02/2012	8.90	8.90					1351m	North
GW109 180	10BL163 148, 10WA10 8699	Bore	Private	Domestic, Stock	Domestic, Stock		08/08/2008	264.00		2200	80.00	0.161		1543m	West
GW035 211	10BL027 909	Bore open thru rock	Private	Stock	Stock		01/09/1968	60.90	61.00	S.Brackish				1726m	South West
GW113 118	10BL605 098	Bore	Private	Monitoring Bore	Monitoring Bore	Leppington Park Pastoral	22/02/2012	9.00	9.00					1809m	North
GW104 349	10BL160 653, 10WA10 8498	Bore	Private	Domestic, Stock	Domestic, Stock		28/06/2002	60.50	60.50	6300	1.30	3.400		1815m	East
GW113 117	10BL605 098	Bore	Private	Monitoring Bore	Monitoring Bore	Leppington Park Pastoral	24/02/2012	8.91	8.91					1886m	North

Borehole Data Source : NSW Department of Primary Industries - Office of Water / Water Administration Ministerial Corporation for all bores prefixed with GW. All other bores © Commonwealth of Australia (Bureau of Meteorology) 2015. Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Hydrogeology & Groundwater

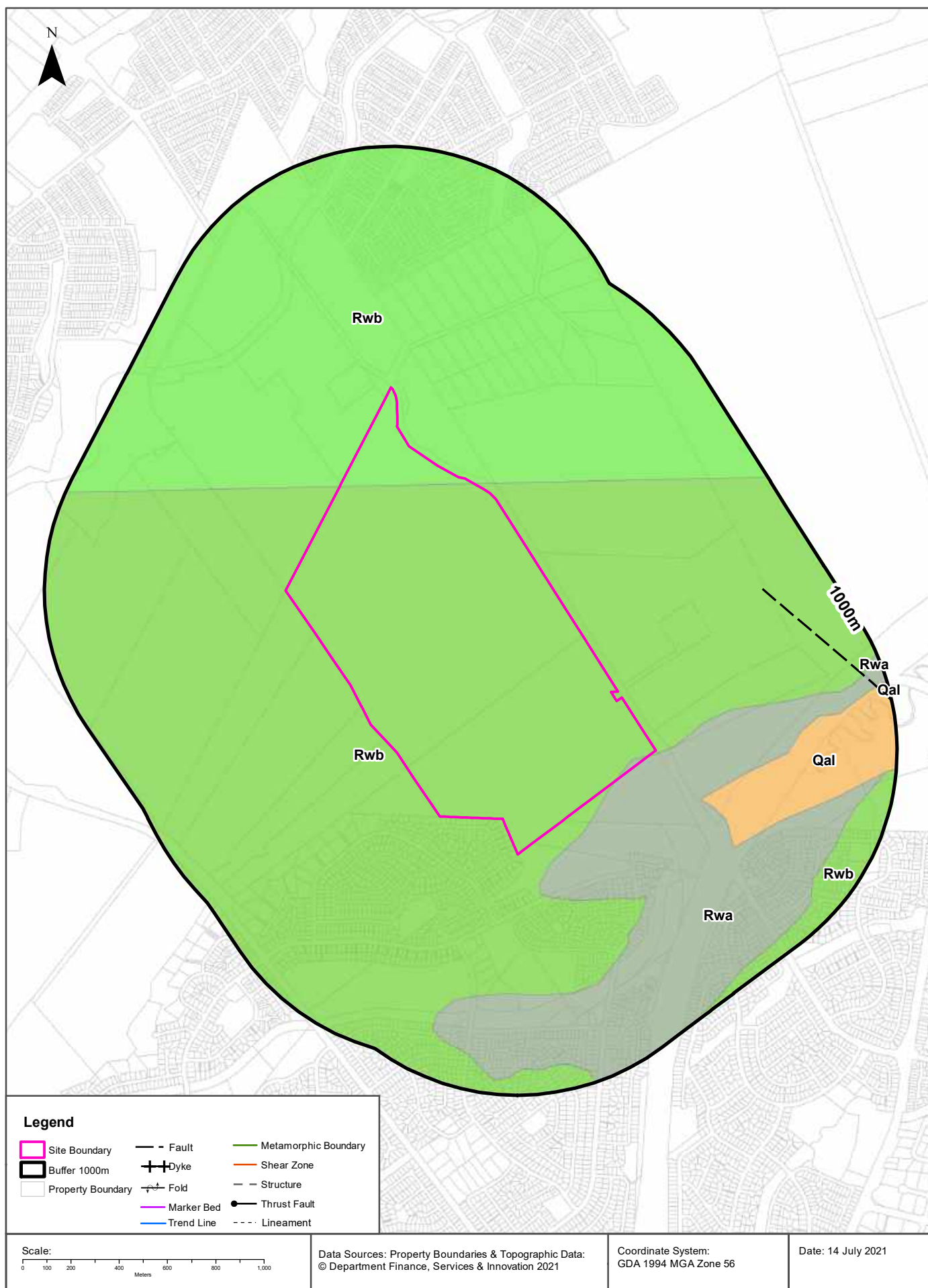
Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Driller's Logs

Drill log data relevant to the boreholes within the dataset buffer:

Groundwater No	Drillers Log	Distance	Direction
GW112433	0.00m-0.50m Clay, silty; brown, soft, wet, homogenous, medium plasticity 0.50m-1.20m Clay, silty; as above, orange to brown 1.20m-3.00m Clay, silty; as above, grey to orange, stiff, damp 3.00m-5.00m Shale; weathered & clay, grey, homogenous, dry to damp, stiff 5.00m-8.90m Shale; grey, homogenous, dry to damp	1351m	North
GW035211	0.00m-0.60m Topsoil 0.60m-5.48m Shale Yellow 5.48m-29.26m Shale Grey 29.26m-51.81m Shale Black 51.81m-54.25m Basalt 54.25m-57.91m Sandstone White 57.91m-60.96m Shale Black	1726m	South West
GW104349	0.00m-5.00m BROWN CLAY 5.00m-13.00m SHALE 13.00m-16.00m SANDSTONE WHITE 16.00m-17.00m SANDSTONE FRACTURED 17.00m-21.00m SANDSTONE WHITE 21.00m-24.50m SANDSTONE FRACTURED 24.50m-29.00m SANDSTONE WHITE 29.00m-30.00m SANDSTONE FRACTURED 30.00m-34.00m SANDSTONE WHITE 34.00m-34.50m SANDSTONE FRACTURED 34.50m-46.00m SANDSTONE WHITE 46.00m-46.50m SANDSTONE FRACTURED 46.50m-57.00m SANDSTONE WHITE 57.00m-58.00m SHALE SOFT 58.00m-60.50m SANDSTONE WHITE	1815m	East

Drill Log Data Source: NSW Department of Primary Industries - Office of Water / Water Administration Ministerial Corp
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Geology

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Geological Units 1:100,000

What are the Geological Units within the dataset buffer?

Symbol	Description	Unit Name	Group	Sub Group	Age	Dom Lith	Map Sheet	Dist	Dir
Rwb	shale, carbonaceous claystone, laminite, fine to medium-grained lithic sandstone, rare coal and tuff	Bringelly Shale	Wianamatta Group				Wollongong & Port Hacking	0m	On-site
Rwb	Shale, carbonaceous claystone, claystone, laminite, fine to medium-grained lithic sandstone, rare coal and tuff	Bringelly Shale	Wianamatta Group (undifferentiated)		Middle Triassic		Penrith	0m	On-site
Rwa	laminite and dark-grey siltstone	Ashfield Shale	Wianamatta Group				Wollongong & Port Hacking	0m	On-site
Qal	quartz and lithic "fluvial" sand, silt, and clay						Wollongong & Port Hacking	272m	East

Geological Structures 1:100,000

What are the Geological Structures within the dataset buffer?

Feature	Name	Description	Map Sheet	Distance	Direction
Fault		Fault, position approximate	Wollongong & Port Hacking	733m	East

Geological Data Source : NSW Department of Industry, Resources & Energy

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Naturally Occurring Asbestos Potential

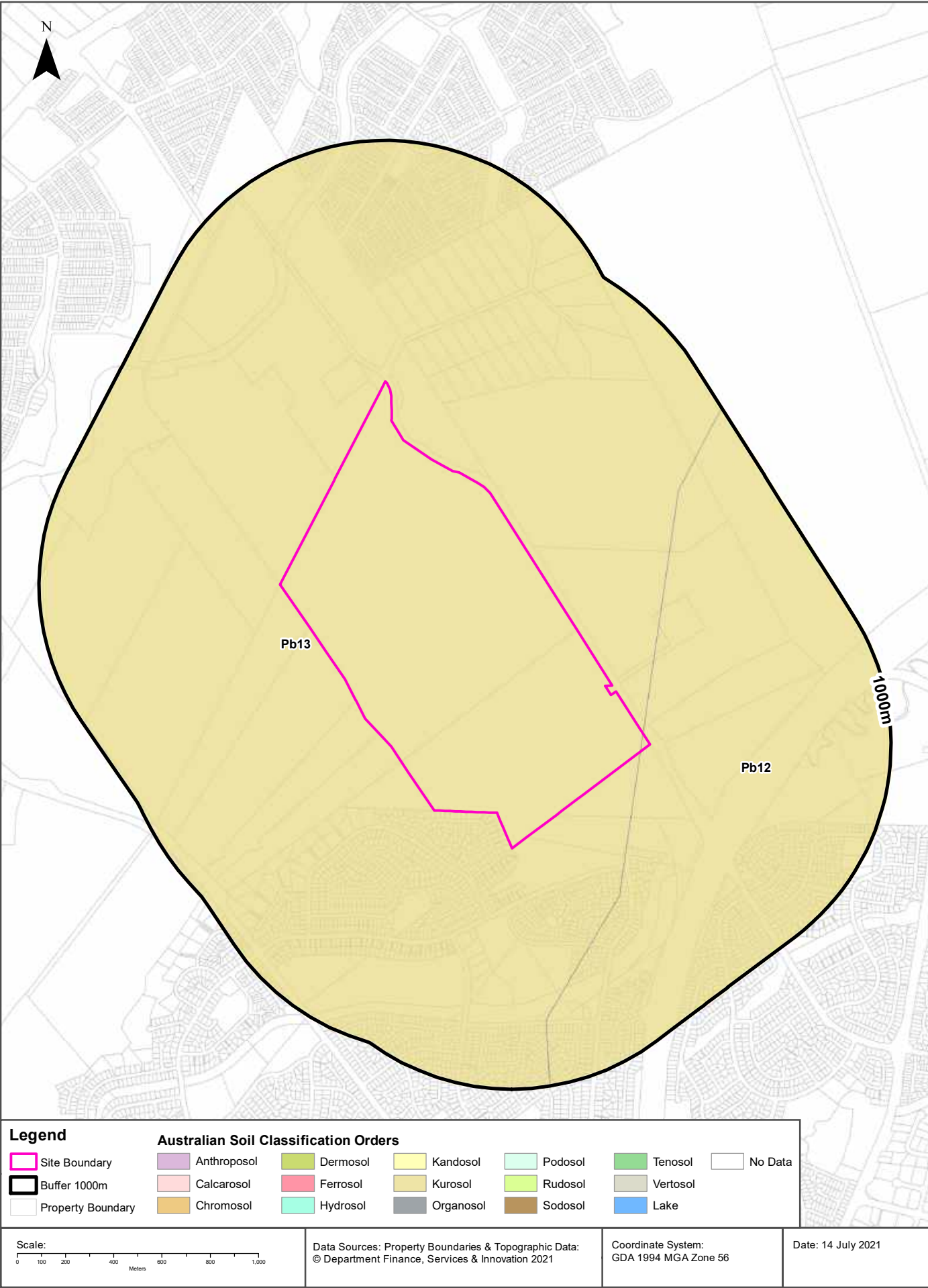
Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Naturally Occurring Asbestos Potential

Naturally Occurring Asbestos Potential within the dataset buffer:

Potential	Sym	Strat Name	Group	Formation	Scale	Min Age	Max Age	Rock Type	Dom Lith	Description	Dist	Dir
No records in buffer												

Naturally Occurring Asbestos Potential Data Source: © State of New South Wales through NSW Department of Industry, Resources & Energy



Soils

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Atlas of Australian Soils

Soil mapping units and Australian Soil Classification orders within the dataset buffer:

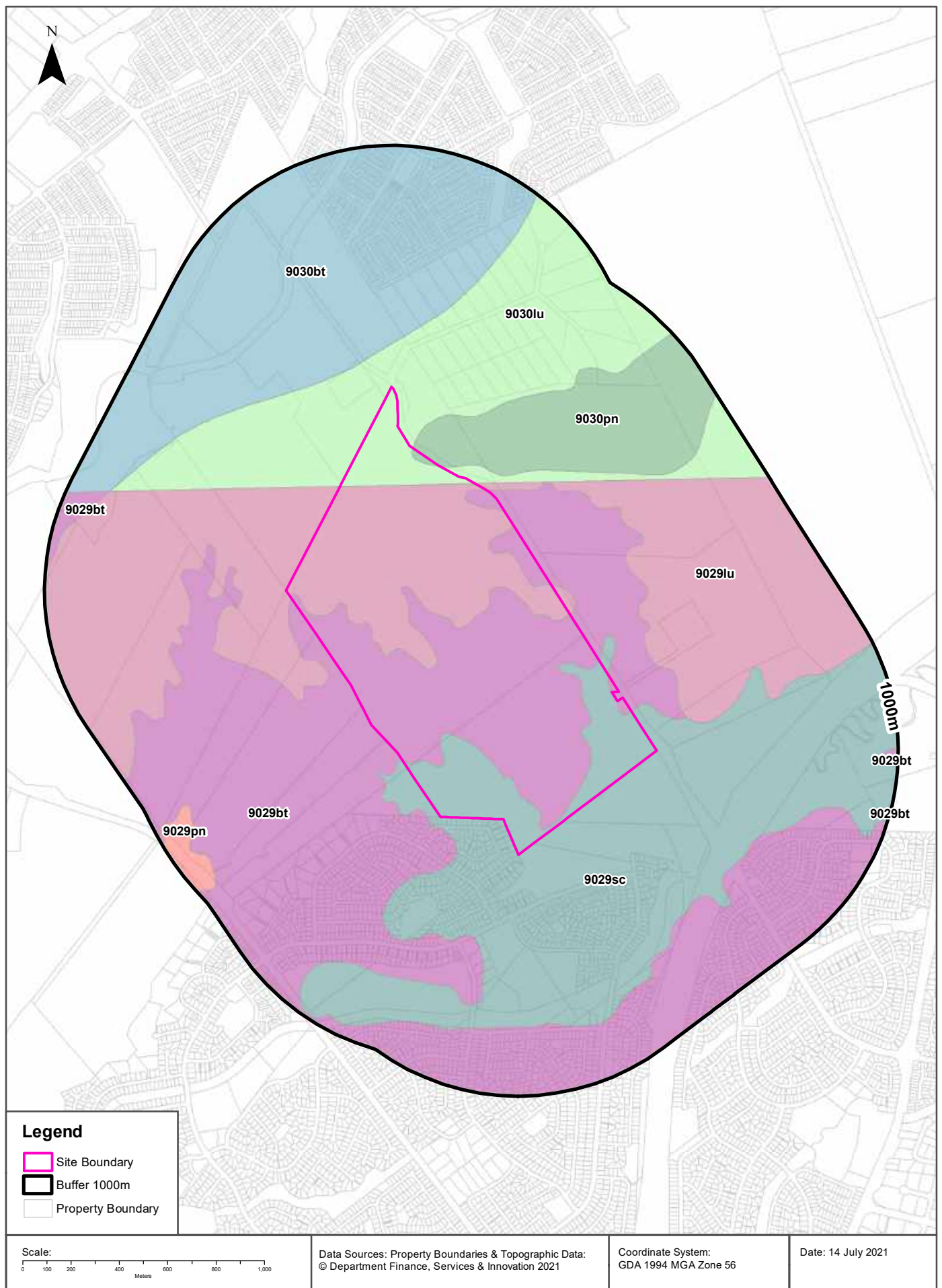
Map Unit Code	Soil Order	Map Unit Description	Distance	Direction
Pb13	Kurosol	Ridge and valley country of gently undulating ridge tops and steep side slopes often with slumping, also rounded hilly to steep hilly areas and relatively narrow valleys: chief soils are hard acidic red soils (Dr2.21) with hard acidic yellow mottled soils (Dy3.41); in places some ironstone gravels occur in both these soils. Associated are hard neutral and alkaline red soils (Dr2.22 and Dr2.23) in saddles and some mid-slope positions; (Dy3.42 and Dy3.43) soils, usually in depressions; and small areas of undescribed soils in wet soaks and valley areas. Small areas of other soils are likely throughout.	0m	On-site
Pb12	Kurosol	Gently rolling to rounded hilly country with some steep slopes and broad valleys: chief soils are hard acidic red soils (Dr2.21) with hard neutral and acidic yellow mottled soils (Dy3.42 and Dy3.41) on lower slopes and in valleys. Associated are small areas of various soils including (Gn3.54) on some ridges, (Dr3.31) on some slopes; (Dr2.23) in saddles and some mid-slope positions, and some low-lying swampy areas of (Uf6) soils and (Uc1.2) soils with peaty surfaces. Small areas of other soils such as (Db1.2) are likely throughout.	0m	On-site

Atlas of Australian Soils Data Source: CSIRO

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Soil Landscapes of Central and Eastern NSW

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Soils

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Soil Landscapes of Central and Eastern NSW

Soil Landscapes of Central and Eastern NSW within the dataset buffer:

Soil Code	Name	Distance	Direction
9029bt	Blacktown	0m	On-site
9029lu	Luddenham	0m	On-site
9029sc	South Creek	0m	On-site
9030lu	Luddenham	0m	On-site
9030pn	Picton	0m	On-site
9030bt	Blacktown	153m	North West
9029pn	Picton	825m	South West

Soil Landscapes of Central and Eastern NSW: NSW Department of Planning, Industry and Environment
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Acid Sulfate Soils

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Environmental Planning Instrument - Acid Sulfate Soils

What is the on-site Acid Sulfate Soil Plan Class that presents the largest environmental risk?

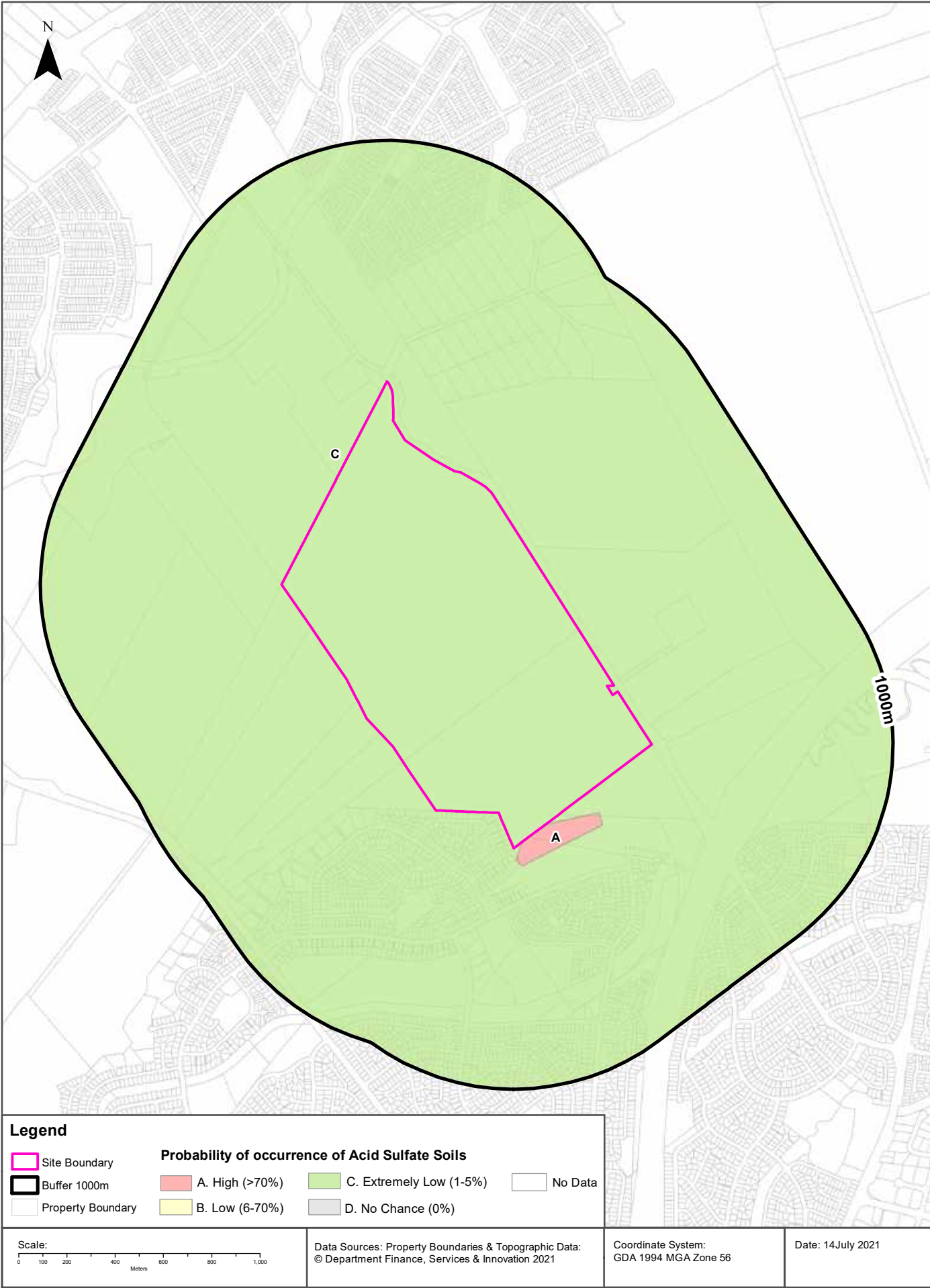
Soil Class	Description	EPI Name
N/A		

If the on-site Soil Class is 5, what other soil classes exist within 500m?

Soil Class	Description	EPI Name	Distance	Direction
N/A				

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Acid Sulfate Soils

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Atlas of Australian Acid Sulfate Soils

Atlas of Australian Acid Sulfate Soil categories within the dataset buffer:

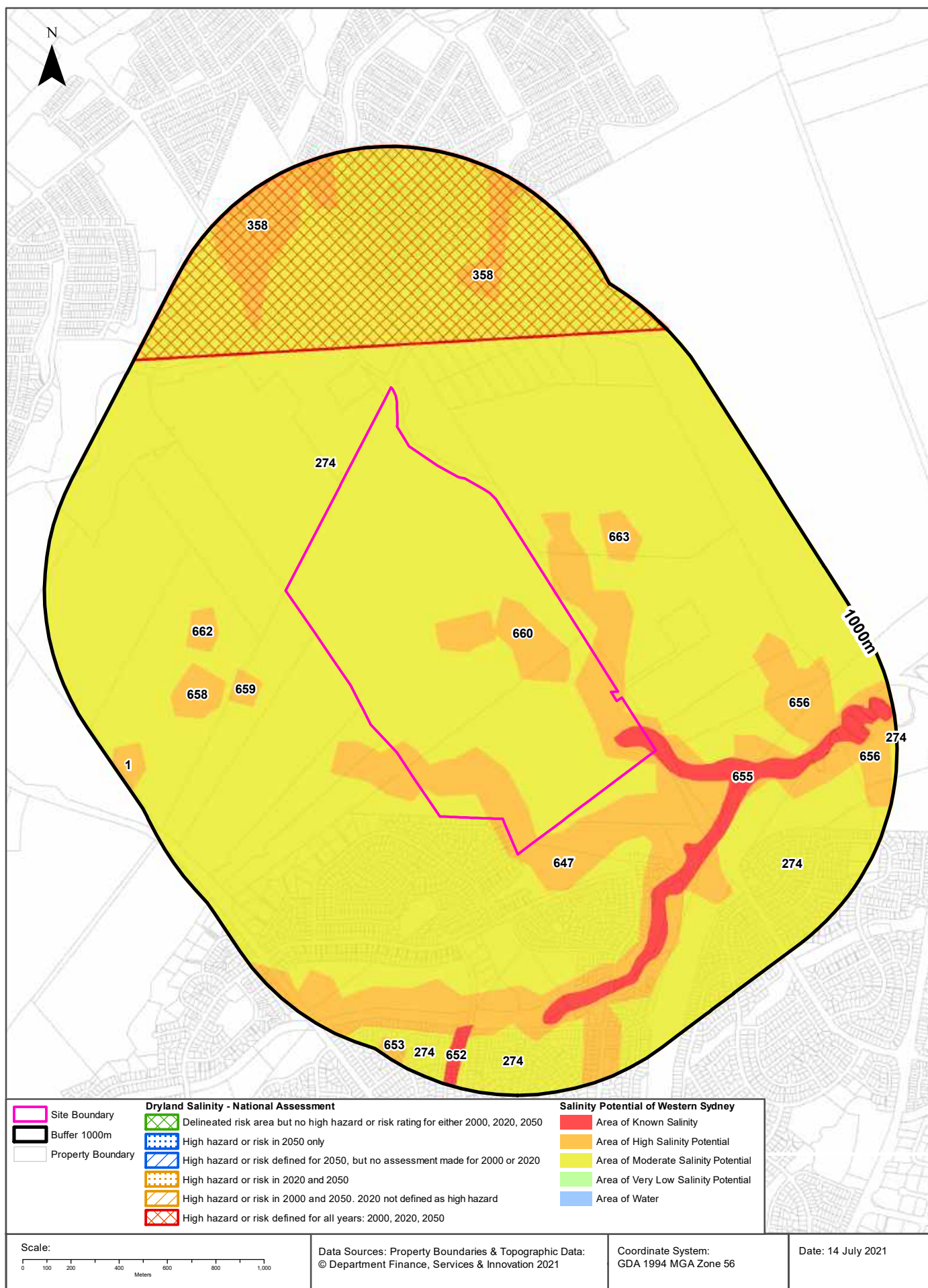
Class	Description	Distance	Direction
C	Extremely low probability of occurrence. 1-5% chance of occurrence with occurrences in small localised areas.	0m	On-site
A	High Probability of occurrence. >70% chance of occurrence.	0m	On-site

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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Dryland Salinity

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Dryland Salinity

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Dryland Salinity - National Assessment

Is there Dryland Salinity - National Assessment data onsite?

No

Is there Dryland Salinity - National Assessment data within the dataset buffer?

Yes

What Dryland Salinity assessments are given?

Assessment 2000	Assessment 2020	Assessment 2050	Distance	Direction
High hazard or risk	High hazard or risk	High hazard or risk	174m	North

Dryland Salinity Data Source : National Land and Water Resources Audit

The Commonwealth and all suppliers of source data used to derive the maps of "Australia, Forecast Areas Containing Land of High Hazard or Risk of Dryland Salinity from 2000 to 2050" do not warrant the accuracy or completeness of information in this product. Any person using or relying upon such information does so on the basis that the Commonwealth and data suppliers shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information. Any persons using this information do so at their own risk.

In many cases where a high risk is indicated, less than 100% of the area will have a high hazard or risk.

Dryland Salinity Potential of Western Sydney

Dryland Salinity Potential of Western Sydney within the dataset buffer?

Feature Id	Classification	Description	Distance	Direction
274	MODERATE	Area of Moderate Salinity Potential	0m	On-site
647	HIGH	Area of High Salinity Potential	0m	On-site
660	HIGH	Area of High Salinity Potential	0m	On-site
655	SALT	Area of Known Salinity	0m	On-site
663	HIGH	Area of High Salinity Potential	262m	North East
659	HIGH	Area of High Salinity Potential	298m	West
662	HIGH	Area of High Salinity Potential	309m	West
656	HIGH	Area of High Salinity Potential	323m	East
658	HIGH	Area of High Salinity Potential	420m	West
358	HIGH	Area of High Salinity Potential	509m	North
652	SALT	Area of Known Salinity	731m	South
1	HIGH	Area of High Salinity Potential	859m	West
653	HIGH	Area of High Salinity Potential	931m	South

Dryland Salinity Potential of Western Sydney Data Source : NSW Office of Environment and Heritage
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Mining

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Mining Subsidence Districts

Mining Subsidence Districts within the dataset buffer:

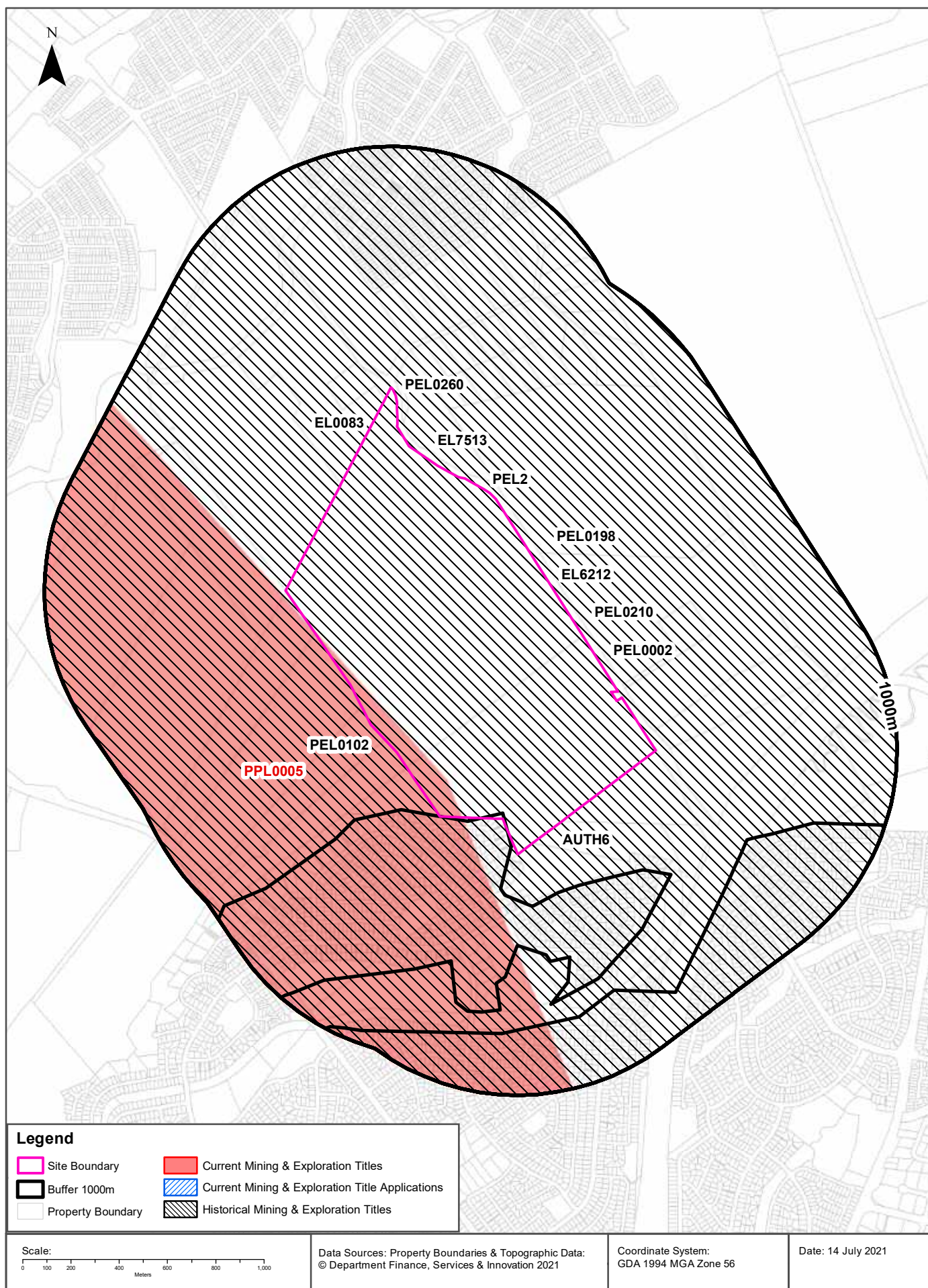
District	Distance	Direction
There are no Mining Subsidence Districts within the report buffer		

Mining Subsidence District Data Source: © Land and Property Information (2016)

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Mining & Exploration Titles

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Mining

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Current Mining & Exploration Titles

Current Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Grant Date	Expiry Date	Last Renewed	Operation	Resource	Minerals	Dist	Dir
PPL0005	AGL UPSTREAM INVESTMENT S PTY LIMITED	28/02/2007	27/02/2028	28 Feb 2007	MINING	PETROLEU M	Petroleum	0m	On-site

Current Mining & Exploration Titles Data Source: © State of New South Wales through NSW Department of Industry

Current Mining & Exploration Title Applications

Current Mining & Exploration Title Applications within the dataset buffer:

Application Ref	Applicant	Application Date	Operation	Resource	Minerals	Dist	Dir
N/A	No records in buffer						

Current Mining & Exploration Title Applications Data Source: © State of New South Wales through NSW Department of Industry

Mining

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Historical Mining & Exploration Titles

Historical Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Start Date	End Date	Resource	Minerals	Dist	Dir
PEL0002	AGL UPSTREAM INVESTMENTS PTY LIMITED	29/03/1993	6/07/2015	PETROLEUM	Petroleum	0m	On-site
PEL0260	NORTH BULLI COLLIERIES PTY LTD, AGL PETROLEUM OPERATIONS PTY LTD, THE AUSTRALIAN GAS LIGHT CO.	9/09/1981	8/03/1993	PETROLEUM	Petroleum	0m	On-site
EL7513	GRADIENT ENERGY LIMITED	7 Apr 2010	15 Apr 2011	MINERALS	Geothermal	0m	On-site
PEL0102	AUSTRALIAN OIL AND GAS CORPORATION LTD			PETROLEUM	Petroleum	0m	On-site
AUTH6	SECRETARY OF THE DEPARTMENT OF PLANNING, INDUSTRY AND ENVIRONMENT			MINERALS		0m	On-site
PEL0198	JOHN STREVENS (TERRIGAL) NL			PETROLEUM	Petroleum	0m	On-site
PEL0210	THE AUSTRALIAN GAS LIGHT COMPANY (AGL), NORTH BULLI COLLIERIES PTY LTD			PETROLEUM	Petroleum	0m	On-site
EL0083	CONTINENTAL OIL CO OF AUSTRALIA LIMITED	01 Feb 1967	01 Feb 1968	MINERALS		0m	On-site
PEL2	AGL UPSTREAM INVESTMENTS PTY LIMITED			MINERALS		0m	On-site
EL6212	HOT ROCK ENERGY PTY LTD, LONGREACH OIL LIMITED	4 Mar 2004	3 Mar 2013	MINERALS	Geothermal	0m	On-site

Historical Mining & Exploration Titles Data Source: © State of New South Wales through NSW Department of Industry

State Environmental Planning Policy

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

State Significant Precincts

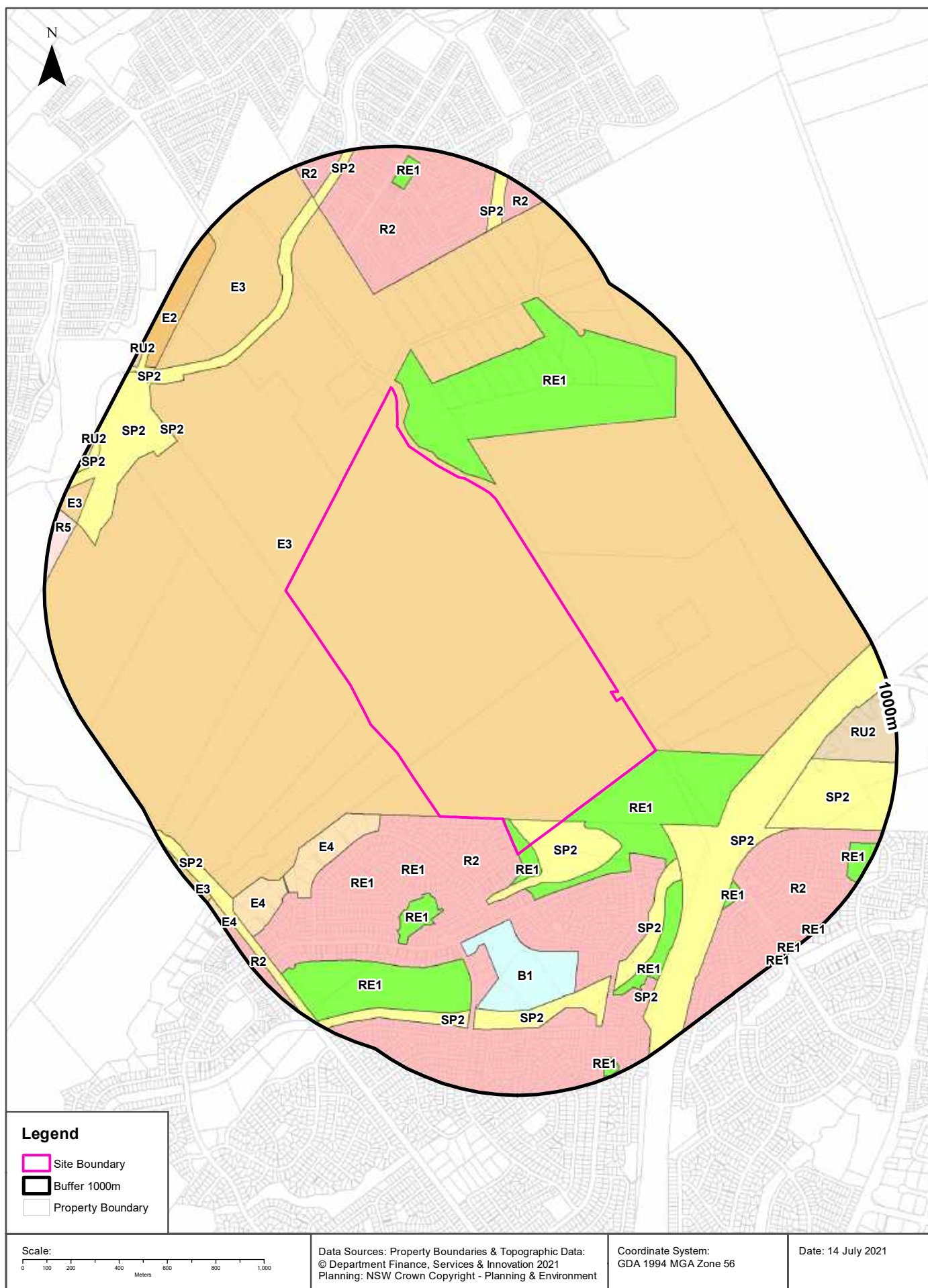
What SEPP State Significant Precincts exist within the dataset buffer?

Map Id	Precinct	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
N/A	No records in buffer							

State Environment Planning Policy Data Source: NSW Crown Copyright - Planning & Environment
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EPI Planning Zones

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Environmental Planning Instrument

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Land Zoning

What EPI Land Zones exist within the dataset buffer?

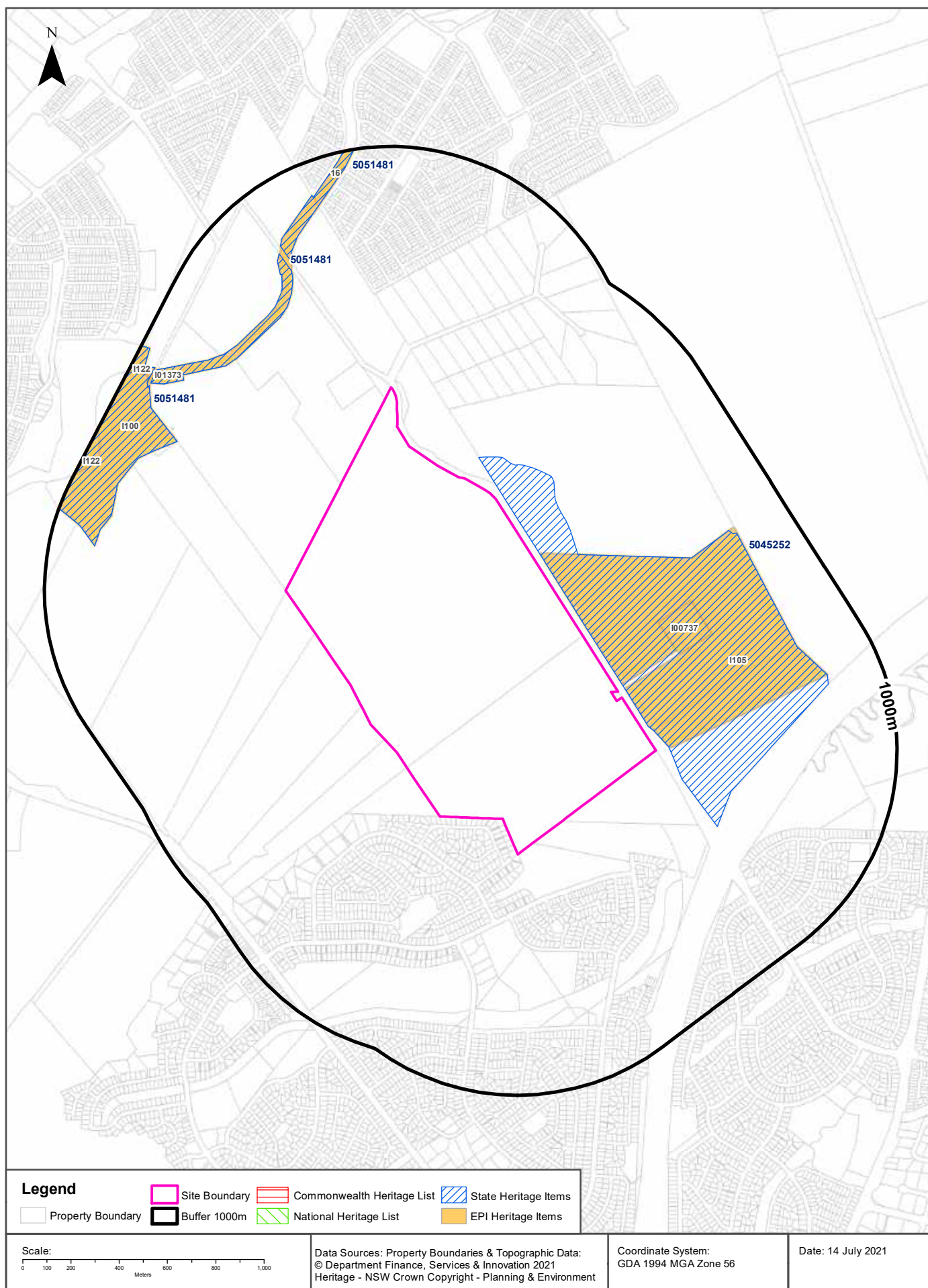
Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		0m	On-site
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		0m	On-site
E3	Environmental Management		Campbelltown Local Environmental Plan 2015	29/06/2018	29/06/2018	30/04/2021	Amendment No 4	0m	On-site
R2	Low Density Residential		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		0m	South
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		0m	South East
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		20m	North
E4	Environmental Living		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		201m	South West
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		230m	South
SP2	Infrastructure	Classified Road	Campbelltown Local Environmental Plan 2015	30/04/2021	30/04/2021	30/04/2021	Amendment No 24	255m	South East
B1	Neighbourhood Centre		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		272m	South
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		320m	South
R2	Low Density Residential		State Environmental Planning Policy (Sydney Region Growth Centres) 2006	15/03/2013	15/03/2013	18/06/2021	State Environmental Planning Policy (Sydney Region Growth Centres) Amendment (East Leppington Precinct) 2013	394m	North
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		403m	South
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		407m	South East
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		482m	South East
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		491m	South
SP2	Infrastructure	Water Supply System	Campbelltown Local Environmental Plan 2015	29/06/2018	29/06/2018	30/04/2021	Amendment No 4	544m	North West
SP2	Infrastructure	Public Purposes Corridor	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		552m	East
R2	Low Density Residential		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		570m	South East
E3	Environmental Management		Campbelltown Local Environmental Plan 2015	29/06/2018	29/06/2018	30/04/2021	Amendment No 4	585m	North West
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		618m	South
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		622m	South East
RU2	Rural Landscape		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		645m	East
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		676m	South
E4	Environmental Living		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		682m	South West

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
SP2	Infrastructure	Water Supply System	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		720m	North West
SP2	Infrastructure	Local Drainage	State Environmental Planning Policy (Sydney Region Growth Centres) 2006	15/03/2013	15/03/2013	18/06/2021	State Environmental Planning Policy (Sydney Region Growth Centres) Amendment (East Leppington Precinct) 2013	754m	North
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		779m	South East
SP2	Infrastructure	Water Supply	State Environmental Planning Policy (Sydney Region Growth Centres) 2006	15/03/2013	15/03/2013	18/06/2021	State Environmental Planning Policy (Sydney Region Growth Centres) Amendment (East Leppington Precinct) 2013	808m	North
RE1	Public Recreation		State Environmental Planning Policy (Sydney Region Growth Centres) 2006	15/03/2013	15/03/2013	18/06/2021	State Environmental Planning Policy (Sydney Region Growth Centres) Amendment (East Leppington Precinct) 2013	823m	North
R2	Low Density Residential		State Environmental Planning Policy (Sydney Region Growth Centres) 2006	15/03/2013	15/03/2013	18/06/2021	State Environmental Planning Policy (Sydney Region Growth Centres) Amendment (East Leppington Precinct) 2013	851m	North
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		891m	South East
SP2	Infrastructure	Road	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		905m	South West
E2	Environmental Conservation		Camden Local Environmental Plan 2010	29/06/2018	29/06/2018	21/05/2021	Amendment No 39	907m	North West
SP2	Infrastructure	Water Supply System	Camden Local Environmental Plan 2010	29/06/2018	29/06/2018	21/05/2021	Amendment No 39	907m	North West
E3	Environmental Management		Campbelltown Local Environmental Plan 2015	29/06/2018	29/06/2018	30/04/2021	Amendment No 4	909m	West
R5	Large Lot Residential		Camden Local Environmental Plan 2010	29/06/2018	29/06/2018	21/05/2021	Amendment No 39	911m	West
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		919m	South
R2	Low Density Residential		Campbelltown Local Environmental Plan 2015	30/04/2021	30/04/2021	30/04/2021	Amendment No 24	955m	South West
E4	Environmental Living		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		964m	South West
E3	Environmental Management		Campbelltown Local Environmental Plan 2015	30/04/2021	30/04/2021	30/04/2021	Amendment No 24	968m	South West
RU2	Rural Landscape		Camden Local Environmental Plan 2010	03/09/2010	03/09/2010	21/05/2021		973m	North West
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		981m	South East
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	30/04/2021		994m	South East

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Heritage Items

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Heritage

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Commonwealth Heritage List

What are the Commonwealth Heritage List Items located within the dataset buffer?

Place Id	Name	Address	Place File No	Class	Status	Register Date	Distance	Direction
N/A	No records in buffer							

Heritage Data Source: Australian Government Department of the Environment and Energy - Heritage Branch
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National Heritage List

What are the National Heritage List Items located within the dataset buffer?

Note. Please click on Place Id to activate a hyperlink to online website.

Place Id	Name	Address	Place File No	Class	Status	Register Date	Distance	Direction
N/A	No records in buffer							

Heritage Data Source: Australian Government Department of the Environment and Energy - Heritage Branch
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State Heritage Register - Curtilages

What are the State Heritage Register Items located within the dataset buffer?

Map Id	Name	Address	LGA	Listing Date	Listing No	Plan No	Distance	Direction
5045252	Varroville	196 St Andrews Road Varroville	CAMPBELLTOWN	08/11/2019	00737	1798	28m	East
5051481	Upper Canal System (Pheasants Nest Weir to Prospect Reservoir)	Prospect	LIVERPOOL	18/11/1999	01373	2333	544m	North West
5051481	Upper Canal System (Pheasants Nest Weir to Prospect Reservoir)	Prospect	LIVERPOOL	18/11/1999	01373	2333	667m	North
5051481	Upper Canal System (Pheasants Nest Weir to Prospect Reservoir)	Prospect	LIVERPOOL	18/11/1999	01373	2333	685m	North West

Heritage Data Source: NSW Crown Copyright - Office of Environment & Heritage
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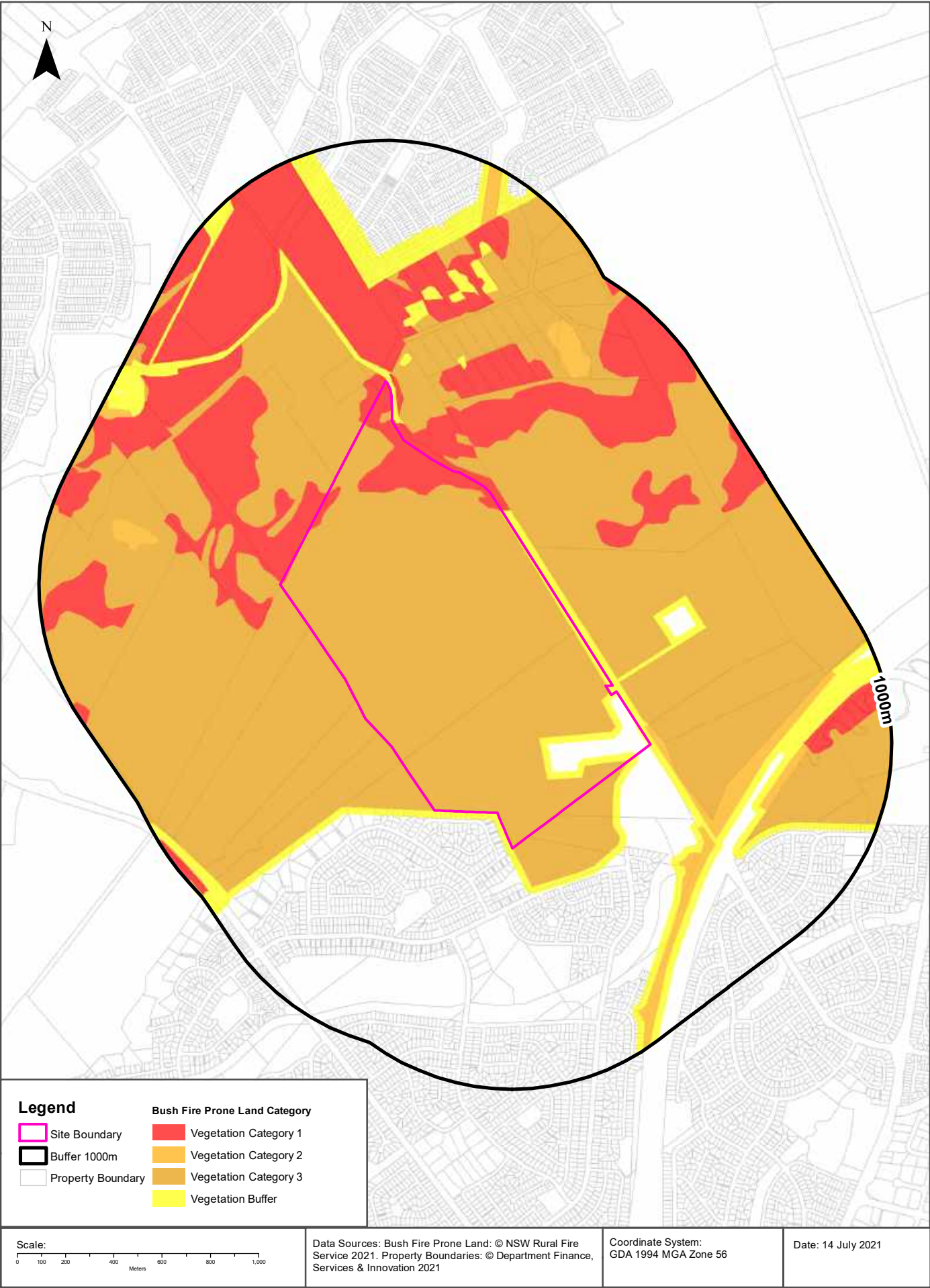
Environmental Planning Instrument - Heritage

What are the EPI Heritage Items located within the dataset buffer?

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I105	Varro Ville estate	Item - General	State	Campbelltown Local Environmental Plan 2015	20/02/2017	20/02/2017	22/02/2019	28m	East
I00737	Varro Ville homestead group	Item - General	State	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	22/02/2019	294m	East
I01373	Upper Canal System (Pheasants Nest Weir to Prospect Reservoir)	Item - General	State	Campbelltown Local Environmental Plan 2015	29/06/2018	29/06/2018	22/02/2019	544m	North West
I100	Ingleburn Dam	Item - General	Local	Campbelltown Local Environmental Plan 2015	29/06/2018	29/06/2018	22/02/2019	685m	North West
16	Canal	Item - General	Local	State Environmental Planning Policy (Sydney Region Growth Centres) 2006	15/03/2013	15/03/2013	08/03/2013	811m	North
I122	Upper Canal	Item - General	State	Camden Local Environmental Plan 2010	28/02/2019	28/02/2019	28/02/2019	907m	North West

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Natural Hazards

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Bush Fire Prone Land

What are the nearest Bush Fire Prone Land Categories that exist within the dataset buffer?

Bush Fire Prone Land Category	Distance	Direction
Vegetation Category 1	0m	On-site
Vegetation Category 3	0m	On-site
Vegetation Buffer	0m	On-site
Vegetation Category 2	16m	South East

NSW Bush Fire Prone Land - © NSW Rural Fire Service under Creative Commons 4.0 International Licence

Ecological Constraints

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Native Vegetation

What native vegetation exists within the dataset buffer?

Map ID	Map Unit Name	Threatened Ecological Community NSW	Threatened Ecological Community EPBC Act	Understorey	Disturbance	Disturbance Index	Dominant Species	Dist	Dir
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	15: Regrowth	2: Moderate	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	0m	On-site
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	14: Canopy gaps	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	0m	On-site
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		11: Semi sheltered dry/mesic	32: African Olive	3: High	E.tereticornis/E.amplifolia/A.floribunda	0m	On-site
Weed_Ex	Weed_Ex: Weeds and Exotics			15: Grassy natives and exotics	32: African Olive	3: High	African Olive infestations	0m	On-site
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	32: African Olive	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	0m	On-site
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	15: Regrowth	2: Moderate	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	0m	On-site
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		13: Dry shrubs and grasses	19: Clearing/Part clearing	4: Very high	E.tereticornis/E.amplifolia/A.floribunda	0m	On-site
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	32: African Olive	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	0m	On-site
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		25: Bare soil	19: Clearing/Part clearing	4: Very high	E.tereticornis/E.amplifolia/A.floribunda	0m	On-site
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	15: Grassy natives and exotics	32: African Olive	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	0m	On-site
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	15: Grassy natives and exotics	13: Weeds	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	0m	On-site
Art_WL	Art_WL: Artificial Wetland			27: Plantings of native and exotic	13: Weeds	3: High	Artificial wetland	0m	On-site
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	15: Grassy natives and exotics	51: Evidence of cultivation	4: Very high	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	0m	On-site

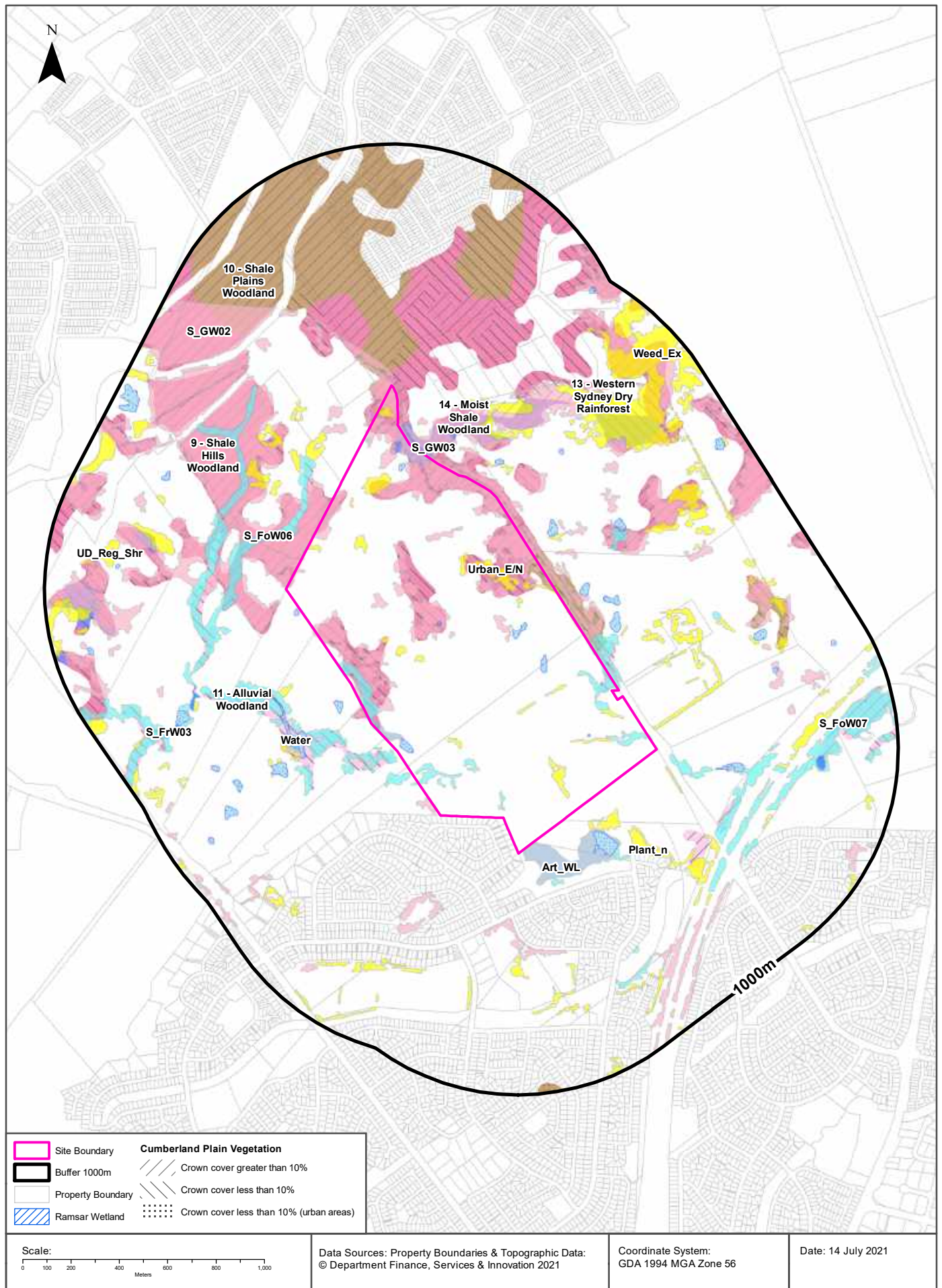
Map ID	Map Unit Name	Threatened Ecological Community NSW	Threatened Ecological Community EPBC Act	Understorey	Disturbance	Disturbance Index	Dominant Species	Dist	Dir
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	31: Parkland open understorey	4: Very high	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	0m	On-site
Urban_E/N	Urban_E/N: Urban Exotic/Native			00: Not assessed	00: Not assessed	0: Not assessed	Urban Exotic/Native	0m	On-site
Water	Water			00: Not assessed	00: Not assessed	0: Not assessed	Water	0m	On-site
Weed_Ex	Weed_Ex: Weeds and Exotics			00: Not assessed	00: Not assessed	0: Not assessed	Exotic Species >90%cover	0m	On-site
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	32: African Olive	2: Moderate	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	0m	On-site
Weed_Ex	Weed_Ex: Weeds and Exotics			00: Not assessed	00: Not assessed	0: Not assessed	African Olive infestations	0m	On-site
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		13: Dry shrubs and grasses	14: Canopy gaps	3: High	E.tereticornis/E.amplifolia/A.floribunda	0m	On-site
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		13: Dry shrubs and grasses	32: African Olive	3: High	E.tereticornis/E.amplifolia/A.floribunda	0m	On-site
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	15: Grassy natives and exotics	51: Evidence of cultivation	4: Very high	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	0m	On-site
Art_WL	Art_WL: Artificial Wetland			00: Not assessed	00: Not assessed	0: Not assessed	Artificial wetland	0m	On-site
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	51: Evidence of cultivation	4: Very high	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	0m	On-site
Art_WL	Art_WL: Artificial Wetland			20: Weeds and exotics	19: Clearing/Part clearing	4: Very high	Artificial wetland	0m	On-site
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		27: Plantings of native and exotic	13: Weeds	3: High	E.tereticornis/E.amplifolia/A.floribunda	10m	South West
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	11: Semi sheltered dry/mesic	32: African Olive	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	13m	North
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	13: Weeds	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	15m	North
Weed_Ex	Weed_Ex: Weeds and Exotics			20: Weeds and exotics	13: Weeds	3: High	Exotic Species >90%cover	33m	East
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		20: Weeds and exotics	19: Clearing/Part clearing	4: Very high	E.tereticornis/E.amplifolia/A.floribunda	33m	East
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	15: Grassy natives and exotics	13: Weeds	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	46m	North East
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		25: Bare soil	32: African Olive	3: High	E.tereticornis/E.amplifolia/A.floribunda	57m	South East

Map ID	Map Unit Name	Threatened Ecological Community NSW	Threatened Ecological Community EPBC Act	Understorey	Disturbance	Disturbance Index	Dominant Species	Dist	Dir
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	31: Parkland open understorey	4: Very high	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	69m	North
Weed_Ex	Weed_Ex: Weeds and Exotics			00: Not assessed	00: Not assessed	0: Not assessed	Constructed drainage channels	70m	South East
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	15: Regrowth	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	77m	North West
Plant_n	Plant_n: Plantation (native and/or exotic)			00: Not assessed	00: Not assessed	0: Not assessed	Native or Exotic Plantations	78m	South East
Weed_Ex	Weed_Ex: Weeds and Exotics			20: Weeds and exotics	13: Weeds	3: High	African Olive infestations	126m	East
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	20: Weeds and exotics	32: African Olive	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	156m	North East
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		15: Grassy natives and exotics	31: Parkland open understorey	4: Very high	E.tereticornis/E.amplifolia/A.floribunda	169m	South
UD_Reg_Shr	UD_Reg_Shr: Undifferentiated Regenerating Shrubs			00: Not assessed	00: Not assessed	0: Not assessed	Undifferentiated Regenerating Scrubs	215m	North West
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		15: Grassy natives and exotics	51: Evidence of cultivation	4: Very high	E.tereticornis/E.amplifolia/A.floribunda	264m	South West
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	15: Grassy natives and exotics	31: Parkland open understorey	4: Very high	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	269m	South
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	25: Edge disturbances only	2: Moderate	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	289m	North West
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	32: African Olive	2: Moderate	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	295m	North West
S_FoW07	S_FoW07: Cumberland Swamp Oak Riparian Forest	River Flat Eucalypt Forest		27: Plantings of native and exotic	13: Weeds	3: High	C.glaucaEucalypts	357m	South East
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	19: Clearing/Part clearing	4: Very high	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	431m	North East
S_FoW07	S_FoW07: Cumberland Swamp Oak Riparian Forest	River Flat Eucalypt Forest		20: Weeds and exotics	15: Regrowth	3: High	C.glaucaEucalypts	457m	South East
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		13: Dry shrubs and grasses	13: Weeds	3: High	E.tereticornis/E.amplifolia/A.floribunda	466m	East
S_FoW07	S_FoW07: Cumberland Swamp Oak Riparian Forest	River Flat Eucalypt Forest		20: Weeds and exotics	13: Weeds	3: High	C.glaucaEucalypts	489m	East
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		20: Weeds and exotics	13: Weeds	3: High	E.tereticornis/E.amplifolia/A.floribunda	492m	East

Map ID	Map Unit Name	Threatened Ecological Community NSW	Threatened Ecological Community EPBC Act	Understorey	Disturbance	Disturbance Index	Dominant Species	Dist	Dir
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	24: Urban mixed use	2: Moderate	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	493m	North West
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	11: Semi sheltered dry/mesic	32: African Olive	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	494m	North East
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	25: Bare soil	13: Weeds	1: Low	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	519m	North West
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	25: Bare soil	19: Clearing/Part clearing	4: Very high	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	530m	East
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	51: Evidence of cultivation	4: Very high	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	535m	East
S_FrW03	S_FrW03: Coastal Freshwater Wetland	Freshwater Wetlands on Coastal Floodplains		27: Plantings of native and exotic	13: Weeds	3: High	T.orientalis/fresh water sedges	535m	West
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	11: Semi sheltered dry/mesic	13: Weeds	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	585m	West
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	25: Bare soil	32: African Olive	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	587m	East
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	00: Not assessed	32: African Olive	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	593m	West
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	19: Clearing/Part clearing	4: Very high	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	616m	South East
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	15: Grassy natives and exotics	21: Pioneering shrubs	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	636m	South East
S_FrW03	S_FrW03: Coastal Freshwater Wetland	Freshwater Wetlands on Coastal Floodplains		18: Swampy sedges, shrubs, ferns and herbs	99: No visible disturbance	5: No visible disturbance	T.orientalis/fresh water sedges	658m	East
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	21: Ferns dominant	13: Weeds	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	701m	North West

Ecological Constraints - Vegetation & Ramsar Wetlands

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Map ID	Map Unit Name	Threatened Ecological Community NSW	Threatened Ecological Community EPBC Act	Understorey	Disturbance	Disturbance Index	Dominant Species	Dist	Dir
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	15: Grassy natives and exotics	31: Parkland open understorey	4: Very high	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	720m	South West
S_GW02	S_GW02: Cumberland Shale Hills Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	13: Dry shrubs and grasses	25: Edge disturbances only	1: Low	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	783m	North West
S_FoW07	S_FoW07: Cumberland Swamp Oak Riparian Forest	River Flat Eucalypt Forest		15: Grassy natives and exotics	15: Regrowth	3: High	C.glaucaEucalypts	862m	East
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		20: Weeds and exotics	15: Regrowth	3: High	E.tereticornis/E.amplifolia/A.floribunda	910m	East
S_FoW07	S_FoW07: Cumberland Swamp Oak Riparian Forest	River Flat Eucalypt Forest		20: Weeds and exotics	14: Canopy gaps	3: High	C.glaucaEucalypts	919m	East
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	15: Grassy natives and exotics	32: African Olive	3: High	E.tereticornis/E.molucannaE.crebra/E.eugeinioides	983m	East

Native Vegetation of the Sydney Metropolitan Area : NSW Office of Environment and Heritage
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Remnant Vegetation of the Cumberland Plain

What remnant vegetation of the Cumberland Plain exists within the dataset buffer?

Description	Crown Cover	Distance	Direction
9 - Shale Hills Woodland	Crown cover less than 10%	0m	On-site
14 - Moist Shale Woodland	Crown cover greater than 10%	0m	On-site
10 - Shale Plains Woodland	Crown cover less than 10%	0m	On-site
9 - Shale Hills Woodland	Crown cover greater than 10%	0m	On-site
11 - Alluvial Woodland	Crown cover less than 10%	0m	On-site
10 - Shale Plains Woodland	Crown cover greater than 10%	0m	On-site
13 - Western Sydney Dry Rainforest	Crown cover greater than 10%	257m	North
11 - Alluvial Woodland	Crown cover greater than 10%	339m	South East
13 - Western Sydney Dry Rainforest	Crown cover less than 10%	377m	North
14 - Moist Shale Woodland	Crown cover less than 10%	377m	North
10 - Shale Plains Woodland	Crown cover less than 10% (urban areas)	958m	South

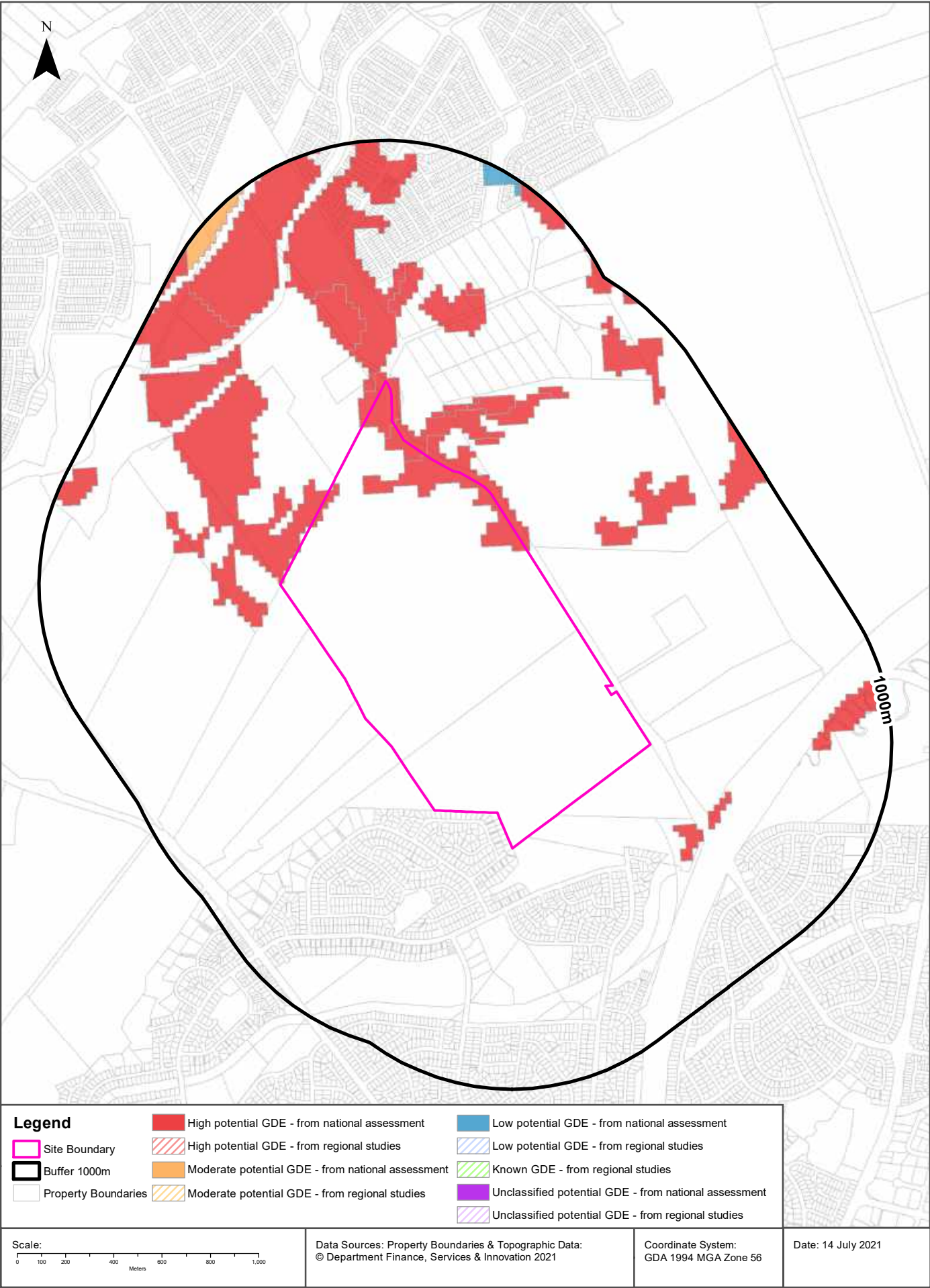
Remnant Vegetation of the Cumberland Plain : NSW Office of Environment and Heritage
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Ramsar Wetlands

What Ramsar Wetland areas exist within the dataset buffer?

Map Id	Ramsar Name	Wetland Name	Designation Date	Source	Distance	Direction
N/A	No records in buffer					

Ramsar Wetlands Data Source: © Commonwealth of Australia - Department of Agriculture, Water and the Environment



Ecological Constraints

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Groundwater Dependent Ecosystems Atlas

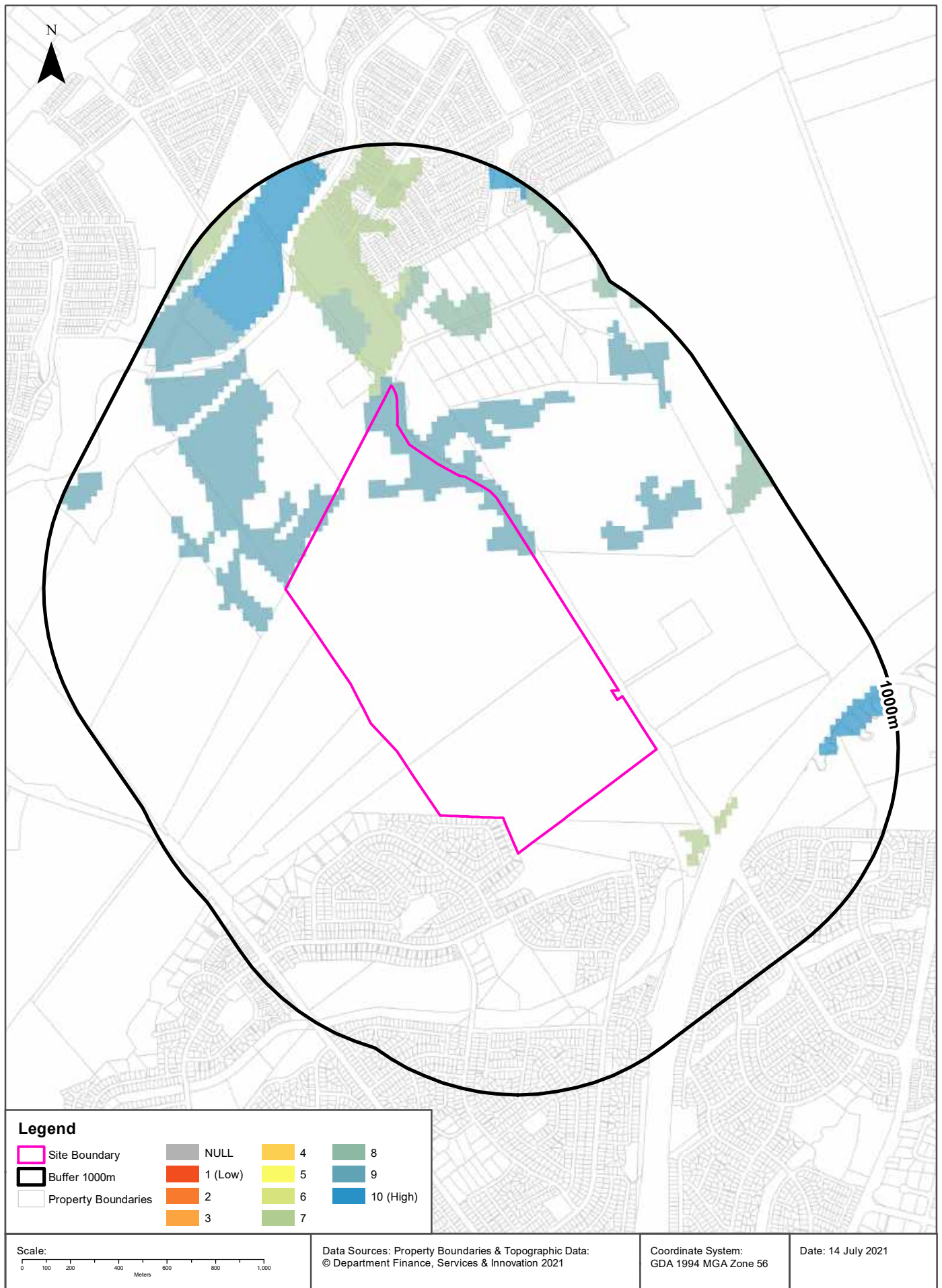
Type	GDE Potential	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Terrestrial	High potential GDE - from national assessment	Undulating to low hilly country, mainly on shale.	Vegetation	Consolidated sedimentary	0m	On-site
Terrestrial	Moderate potential GDE - from national assessment	Undulating to low hilly country, mainly on shale.	Vegetation	Consolidated sedimentary	908m	North West
Terrestrial	Low potential GDE - from national assessment	Undulating to low hilly country, mainly on shale.	Vegetation	Consolidated sedimentary	909m	North

Groundwater Dependent Ecosystems Atlas Data Source: The Bureau of Meteorology

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Ecological Constraints - Inflow Dependent Ecosystems Likelihood

Spitfire Drive & St Andrews Road, Varroville, NSW 2566



Ecological Constraints

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

Inflow Dependent Ecosystems Likelihood

Type	IDE Likelihood	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Terrestrial	9	Undulating to low hilly country, mainly on shale.	Vegetation	Consolidated sedimentary	0m	On-site
Terrestrial	7	Undulating to low hilly country, mainly on shale.	Vegetation	Consolidated sedimentary	20m	North
Terrestrial	8	Undulating to low hilly country, mainly on shale.	Vegetation	Consolidated sedimentary	183m	North
Terrestrial	10	Undulating to low hilly country, mainly on shale.	Vegetation	Consolidated sedimentary	574m	North West

Inflow Dependent Ecosystems Likelihood Data Source: The Bureau of Meteorology
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Ecological Constraints

Spitfire Drive & St Andrews Road, Varroville, NSW 2566

NSW BioNet Atlas

Species on the NSW BioNet Atlas that have a NSW or federal conservation status, a NSW sensitivity status, or are listed under a migratory species agreement, and are within 10km of the site?

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Amphibia	Heleioporus australiacus	Giant Burrowing Frog	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Amphibia	Litoria aurea	Green and Golden Bell Frog	Endangered	Not Sensitive	Vulnerable	
Animalia	Amphibia	Litoria brevipalmata	Green-thighed Frog	Vulnerable	Not Sensitive	Not Listed	
Animalia	Amphibia	Pseudophryne australis	Red-crowned Toadlet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Anseranas semipalmata	Maggie Goose	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Anthochaera phrygia	Regent Honeyeater	Critically Endangered	Not Sensitive	Critically Endangered	
Animalia	Aves	Apus pacificus	Fork-tailed Swift	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Artamus cyanopterus cyanopterus	Dusky Woodswallow	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Botaurus poiciloptilus	Australasian Bittern	Endangered	Not Sensitive	Endangered	
Animalia	Aves	Burhinus grallarius	Bush Stone-curlew	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Callocephalon fimbriatum	Gang-gang Cockatoo	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Calyptorhynchus banksii samueli	Red-tailed Black-Cockatoo (inland subspecies)	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Calyptorhynchus lathami	Glossy Black-Cockatoo	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Chthonicola sagittata	Speckled Warbler	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Circus assimilis	Spotted Harrier	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Climacteris picumnus victoriae	Brown Treecreeper (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Coracina lineata	Barred Cuckoo-shrike	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Daphoenositta chrysoptera	Varied Sittella	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Epthianura albifrons	White-fronted Chat	Endangered Population, Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Falco subniger	Black Falcon	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Gallinago hardwickii	Latham's Snipe	Not Listed	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Glossopsitta pusilla	Little Lorikeet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Haliaeetus leucogaster	White-bellied Sea-Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Hieraaetus morphnoides	Little Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Hirundapus caudacutus	White-throated Needletail	Not Listed	Not Sensitive	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Hirundo rustica	Barn Swallow	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Lathamus discolor	Swift Parrot	Endangered	Category 3	Critically Endangered	
Animalia	Aves	Lophochroa leadbeateri	Major Mitchell's Cockatoo	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Lophoictinia isura	Square-tailed Kite	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Melanodryas cucullata cucullata	Hooded Robin (south-eastern form)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Melithreptus gularis gularis	Black-chinned Honeyeater (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Neophema pulchella	Turquoise Parrot	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Ninox connivens	Barking Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Ninox strenua	Powerful Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Oxyura australis	Blue-billed Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Petroica boodang	Scarlet Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Petroica phoenicea	Flame Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pezoporus wallicus wallicus	Eastern Ground Parrot	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Pluvialis squatarola	Grey Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Polytelis anthopeplus monarchoides	Regent Parrot (eastern subspecies)	Endangered	Category 3	Vulnerable	
Animalia	Aves	Polytelis swainsonii	Superb Parrot	Vulnerable	Category 3	Vulnerable	
Animalia	Aves	Stictonetta naevosa	Freckled Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Thinornis cucullatus cucullatus	Eastern Hooded Dotterel	Critically Endangered	Not Sensitive	Vulnerable	
Animalia	Aves	Tyto novaehollandiae	Masked Owl	Vulnerable	Category 3	Not Listed	
Animalia	Gastropoda	Meridolum corneovirens	Cumberland Plain Land Snail	Endangered	Not Sensitive	Not Listed	
Animalia	Mammalia	Cercartetus nanus	Eastern Pygmy-possum	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Chalinolobus dwyeri	Large-eared Pied Bat	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Dasyurus maculatus	Spotted-tailed Quoll	Vulnerable	Not Sensitive	Endangered	
Animalia	Mammalia	Falsistrellus tasmaniensis	Eastern False Pipistrelle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Micronomus norfolkensis	Eastern Coastal Free-tailed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Miniopterus australis	Little Bent-winged Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Miniopterus orianae oceanensis	Large Bent-winged Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Myotis macropus	Southern Myotis	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Petauroides volans	Greater Glider	Not Listed	Not Sensitive	Vulnerable	
Animalia	Mammalia	Petaurus norfolcensis	Squirrel Glider	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Phascogale carolinensis	Koala	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Pteropus poliocephalus	Grey-headed Flying-fox	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Saccolaimus flaviventris	Yellow-bellied Sheath-tail-bat	Vulnerable	Not Sensitive	Not Listed	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Mammalia	Scoteanax rueppellii	Greater Broad-nosed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Vespadelus troughtoni	Eastern Cave Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Caretta caretta	Loggerhead Turtle	Endangered	Not Sensitive	Endangered	
Animalia	Reptilia	Chelonia mydas	Green Turtle	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Reptilia	Eulamprus leuraensis	Blue Mountains Water Skink	Endangered	Not Sensitive	Endangered	
Animalia	Reptilia	Suta flagellum	Little Whip Snake	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Tiliqua occipitalis	Western Blue-tongued Lizard	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Acacia bakeri	Marblewood	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Acacia pubescens	Downy Wattle	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Argyrotegium nitidulum	Shining Cudweed	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Callistemon linearifolius	Netted Bottle Brush	Vulnerable	Category 3	Not Listed	
Plantae	Flora	Eucalyptus nicholii	Narrow-leaved Black Peppermint	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Eucalyptus scoparia	Wallangarra White Gum	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Genoplesium baueri	Bauer's Midge Orchid	Endangered	Category 2	Endangered	
Plantae	Flora	Grevillea parviflora subsp. parviflora	Small-flower Grevillea	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Gyrostemon thesioides		Endangered	Category 3	Not Listed	
Plantae	Flora	Hibbertia puberula		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Hibbertia sp. Bankstown		Critically Endangered	Not Sensitive	Critically Endangered	
Plantae	Flora	Lepidium hyssopifolium	Aromatic Peppergrass	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Leucopogon exolasius	Woronora Beard-heath	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Leucopogon fletcheri subsp. fletcheri		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Macadamia integrifolia	Macadamia Nut	Not Listed	Not Sensitive	Vulnerable	
Plantae	Flora	Marsdenia viridiflora subsp. viridiflora	Native Pear	Endangered Population	Not Sensitive	Not Listed	
Plantae	Flora	Melaleuca deanei	Deane's Paperbark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Persoonia hirsuta	Hairy Geebung	Endangered	Category 3	Endangered	
Plantae	Flora	Persoonia nutans	Nodding Geebung	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Pimelea spicata	Spiked Rice-flower	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Pomaderris brunnea	Brown Pomaderris	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Prostanthera marifolia	Seaforth Mintbush	Critically Endangered	Category 3	Critically Endangered	
Plantae	Flora	Pterostylis nigricans	Dark Greenhood	Vulnerable	Category 2	Not Listed	
Plantae	Flora	Pterostylis saxicola	Sydney Plains Greenhood	Endangered	Category 2	Endangered	
Plantae	Flora	Pultenaea pedunculata	Matted Bush-pea	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Syzygium paniculatum	Magenta Lilly Pilly	Endangered	Not Sensitive	Vulnerable	

Data does not include NSW category 1 sensitive species.

NSW BioNet: © State of NSW and Office of Environment and Heritage

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LC Code	Location Confidence
Premise Match	Georeferenced to the site location / premise or part of site
Area Match	Georeferenced to an approximate or general area
Road Match	Georeferenced to a road or rail corridor
Road Intersection	Georeferenced to a road intersection
Buffered Point	A point feature buffered to x metres
Adjacent Match	Land adjacent to a georeferenced feature
Network of Features	Georeferenced to a network of features
Suburb Match	Georeferenced to a suburb boundary
As Supplied	Spatial data supplied by provider

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APPENDIX E

SAFework NSW DANGEROUS GOODS SEARCH RESULT

1990 Aerial Image



October 2011 Image (Source Nearmap Limited)





APPENDIX D

ADDITIONAL AERIAL PHOTOGRAPHS

From: [Licensing](#)
To: [Lotsearch Support](#)
Subject: SafeWork NSW: 00607269 –Site Search application – Result not found [ref:_00D281hl6J._5004a59Whm:ref]
Date: Friday, 29 October 2021 10:53:51 AM

Security Classification: Sensitive Personal
Please do not amend the subject line of this email

Dear Jack

Re: Site Search for Schedule 11 Hazardous Chemicals on premises Application – Result not found

I refer to your application for a Site Search for Schedule 11 Hazardous Chemicals on premises the following site: 247 St Andrews Road Varroville NSW 2566.

A search of the records held by SafeWork NSW has not located any records pertaining to the above-mentioned premises.

If you have any further information or if you have any questions, please use one of the following options, quoting the SafeWork NSW enquiry reference number: 00607269

- Email: licensing@safework.nsw.gov.au
- Phone: 13 10 50

Kind regards

Gabriela Draper

Licensing Representative

SafeWork NSW | Better Regulation Division

Department of Customer Service

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ref:_00D281hl6J._5004a59Whm:ref