Jacobs

Preliminary Site (Contamination) Investigation - National Research Cyclotron Facility

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Preliminary Site (Contamination) Investigation - National Research Cyclotron Facility

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Acknowledgement of Country

Jacobs proudly acknowledges Aboriginal and Torres Strait Islander peoples as the Traditional Owners of the lands upon which each Jacobs office is located and those upon which we operate. We recognise that Traditional Owners have cared for and protected these lands for thousands of generations. Traditional Owners always have and always will have strong cultural, social and spiritual connections to the lands, skies, and waters. Jacobs respectfully recognises the Ancestors and Elders, past, present, and future. We acknowledge that sovereignty was never ceded and we are committed to working towards reconciliation.

Executive Summary

Introduction

Jacobs Group (Australia) Pty Ltd (Jacobs) was engaged by Australian Nuclear Science and Technology Organisation (ANSTO), to undertake a Preliminary Site Investigation (PSI) of soil and groundwater contamination at the National Research Cyclotron Facility (NRCF) located at 81 Missenden Road, Camperdown, New South Wales 2050 (the Site).

Objectives and scope of work

ANSTO leases the land and building at the Site from the Sydney Local Health District (SLHD). The building was constructed for the NRCF by ANSTO from 1987 to 1991. The NRCF commenced operations in Building 81 in 1991 producing radioisotopes intended for medical purposes and in 2021, the entire operations were shut down. ANSTO plans to relinquish the lease of the property, returning it to the SLHD. This will require decommissioning and demolition of the Site building as well as levelling of the Site with imported fill material. ANSTO advised Jacobs that SLHD intends to use the Site for public green space in the short to medium term. In the longer term, the Site may be developed based on the SLHD's masterplan for the precinct. A masterplan for the area including the Site is not currently published.

ANSTO submitted a referral under the Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) for the demolition of the Site and this was subsequently deemed to be a controlled action by the Department of Climate Change, Energy, the Environment and Water (DCCEEW). The controlled action is specifically concerned with the appropriate mitigation of groundwater and soil contamination on the site due to historic land uses. ANSTO commissioned this PSI as a result of the DCCEEW assessment and requirements. This report will form part of ANSTO's submission to DCCEEW seeking their approval to proceed with the decommissioning and demolition.

The objectives of the PSI were to:

- Assess the potential for soil and groundwater contamination at the Site due to historical land usage (including ANSTO activities).
- Develop an initial conceptual site model (CSM) describing potential contaminants, transport and exposure mechanisms and receptors.
- Provide input for ANSTO to determine if a Detailed Site Investigation (DSI) or other further investigations of contamination at the Site are needed.

The scope of work undertaken included the following:

- Desktop review of information to assist in understanding environmental settings, land uses and previous investigations
- Review of databases and other information sources to identify potential contamination sources within and/or adjacent to the Site
- Review of historical imagery and maps
- Site walkover and interview with Site personnel
- Preparation of this PSI report including review by a NSW EPA Accredited Site Auditor

The scope of work did not include assessment of radionuclide contamination or hazardous building materials at the Site. This is being assessed separately by ANSTO.

Summary of key findings

The Site and immediate surroundings have a long history of use for industrial and health infrastructure purposes. The industrial activity appears to have included mechanical, electrical and metal workshops. Details of the activities performed and associated storage and use of chemicals, fuels and waste are not available.

Therefore, there is a potential risk of soil contamination associated with these historical activities. Fill material is also present on Site. Depending on the source of the fill, this material can also contain contaminants. Based on soil investigations at the Site, the depth of this fill material appears to be limited to 1.35 mbgl and therefore the presence of significant fill material under the Site building basement appears unlikely.

Apart from radionuclides, the risk of soil contamination at the Site from the ANSTO activities is considered to be low. The majority of activities occurred within the building. Fuel, waste and chemical storages was limited and housekeeping practices appeared to be strong. No staining or significant cracks in floor slabs were identified during the Site walkover.

Soil testing around the Site building by Getex (2022) did not identify any significant contamination based on screening of the analytical results against assessment criteria for commercial / industrial land use. The concentration of Carcinogenic PAHs (as BaP TEQ) in one sample was well below the adopted site assessment criteria for commercial / industrial use. However, comparison by Jacobs found the concentration slightly exceeded the ASC NEPM health investigation level for public open space land use. The 95% Upper Confidence Limit (95% UCL) of the mean concentration was determined by Jacobs based on the Getex (2022) analysis results. The 95% UCL was under the health investigation level for public open space indicating no unacceptable risk for this land use.

It is noted that no soil sampling has been conducted under the building and this is a data gap. Furthermore, the analysis of soil samples undertaken by Getex did not include cyanide or PFAS. Small amounts of cyanide containing waste liquor was stored in 5L plastic containers in a fume cupboard in the Targetry Laboratory (G26). A maximum of 25 L of this waste was stored at a time. Given the amount of cyanide containing waste stored, the storage on a concrete floor and the general housekeeping practices at the Site, the risk of cyanide contamination in underlying soil is considered low. While no specific PFAS sources were identified through this PSI, PFAS may be present in waste or uncontrolled fill material. PFAS, if present, are unlikely to present an unacceptable risk to human health for commercial / industrial or public open space land uses.

Groundwater was not encountered within the soil profile in the Getex (2022) investigation which included boreholes advanced to 5 mbgl. Considering the local geology, specifically the Ashfield Shale, the groundwater in the fractured rock aquifer beneath the Site is expected to be saline and produce low yields. In addition, Ashfield Shale is known to have limited ability to transmit water and often acts as an aquitard. The Site is also within a heavily urbanised area with potable water reticulation. Therefore, beneficial use of the groundwater is considered highly unlikely.

While there is no current data available on groundwater quality, unacceptable risks associated with groundwater contamination are considered unlikely. Furthermore, the decommissioning and demolition of the Site is unlikely to intersect with groundwater.

While soil quality underneath the Site building and groundwater quality is not known, the risk for vapour intrusion to the current Site building is considered to be low given soil quality around the building, geological conditions and depth to groundwater. Additionally, there were no reported use and/or storage of large quantities of solvents associated with operations undertaken by ANSTO. No unacceptable vapour risks are likely for the future use of the Site as public open space.

Further assessment of groundwater and/or vapours may be required if buildings are developed on the Site in the future. This development would likely require consent and the proponent would be required to demonstrate the land is suitable for the proposed development under State Environmental Planning Policy (Resilience and Hazards) 2021.

Recommendations

Based on the findings of this PSI and the activities and land use proposed for the Site, Jacobs makes the following recommendations:

1. The Construction Environmental Management Plan for the decommissioning and demolition work should include an Unexpected Finds Protocol in case asbestos materials or other indications of soil contamination are encountered. Assessment of the conditions by a suitably qualified occupational hygienist (for asbestos) or environmental consultant (for contamination) should be part of this protocol.

2. Once decommissioning and demolition design progresses and the scope and extent of ground disturbance works are defined, a Sampling and Analysis Quality Plan (SAQP) should be prepared to guide a Detailed Site Investigation (DSI). The purpose of the investigation is to assess fill material and soil quality under the building where sampling by Getex (2022) was not undertaken. The DSI should including testing and assessment of the soil under the building for non-radionuclide contaminants. The SAQP should consider analysis for metals, hydrocarbons (TRH, BTEX, PAH), solvents (VOC, SVOC), cyanide, asbestos, PCBs and PFAS.

3. Based on the results of the DSI and a risk assessment, soil that presents an unacceptable risk based on the future use of the Site for public open space may need to be remediated or managed appropriately.

4. Fill material and soil to be excavated and removed from the Site will need to be tested and classified in accordance with NSW EPA guidelines prior to disposal off-site to a licensed facility.

5. Fill material imported to the Site as part of the restoration should be certified as Virgin Excavated Natural Material in accordance with Schedule 1 of the Protection of the Environment Operations Act or meet the requirements of the Excavated Natural Material Order 2014.

Important note about your report

The sole purpose of this report is to present the findings of a Preliminary Site Investigation carried out by Jacobs for Australian Nuclear Science and Technology Organisation (ANSTO) ('the Client') in connection with the National Research Cyclotron Facility at Camperdown, Sydney NSW (the Site). This report was produced in accordance with and is limited to the scope of services set out in the contract between Jacobs and the Client. That scope of services, as described in this report, was developed with the Client.

The scope of services was not intended to provide a definitive or quantitative investigation of the environmental impacts, performance and compliance of the Site. Environmental conditions may exist at the Site that are beyond the scope of our investigations and this report.

The findings presented in this report are professional opinions based solely upon information and data provided or made available by the Client or otherwise available in the public domain between June and July, 2025. Jacobs has relied upon and presumed that this data is accurate and representative of the environmental conditions at the Site. Except as otherwise stated in the report, Jacobs has not attempted to verify the accuracy or completeness of any such information. If the information is subsequently determined to be false, inaccurate or incomplete or if Site conditions change beyond the above dates then it is possible that our conclusions as expressed this report may change.

Because regulatory evaluation criteria are constantly changing, concentrations of contaminants present and considered to be acceptable at the time of this report may in the future become subject to different regulatory standards and require assessment.

Jacobs has prepared this report in accordance with the usual care and thoroughness of the consulting profession and by reference to applicable auditing procedures and practice at the date of issue of this report. For the reasons outlined above, however, no other warranty or guarantee, whether expressed or implied, is made as to the data, observations and findings expressed in this report, to the extent permitted by law.

Opinions and judgements expressed in the report are based on Jacobs' understanding and interpretation of current regulatory standards and should not be construed as legal opinions.

This report should be read in full and no excerpts are to be taken as representative of the findings. No responsibility is accepted by Jacobs for use of any part of this report in any other context.

This report has been prepared on behalf of, and for the exclusive use of the Client, and is subject to and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this report by any third party.

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Acronyms and abbreviations

Acronym	Definition
ACM	Asbestos-containing materials
ANSTO	Australian Nuclear Science and Technology Organisation
ASC	Assessment of Site Contamination
ASS	acid sulfate soils
BaP	benzo(a)pyrene
BTEX	benzene, toluene, ethybenzene and xylenes
CoPC	contaminants of potential concern
CSM	conceptual site model
DCCEEW	Department of Climate Change, Energy, the Environment and Water
DSI	Detailed Site Investigation
EILs	Environmental Investigation Levels
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999
EPA	Environment Protection Authority
ERA	Environmentally Relevant Activities
HILs	Health Investigation Levels
HMDR	Hazardous Materials Pre-Demolition Register
IE	Integrated Environmental Pty Ltd
Jacobs	Jacobs Group (Australia) Pty Ltd
JMB	JMB Environmental Consulting
LBP	lead-based paint
mbgl	meters below ground level
NEMP	National Environmental Management Plan
NEPC	National Environment Protection Council
NEPM	National Environment Protection Measure

NRCF	National Research Cyclotron Facility
NSW	New South Wales
OCP	organochlorine pesticides
OPP	organophosphate pesticides
PAH	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyls
PFAS	Per- and polyfluoroalkyl substances
PET	positron emission tomography
PSI	Preliminary Site Investigation
RPA	Royal Prince Alfred Hospital
SAC	Site Assessment Criteria
SLHD	Sydney Local Health District
SMF	synthetic mineral fibre
TEQ	Toxic Equivalency (TEQ)
TRH	total recoverable hydrocarbons
VOC	volatile organic compounds
WSce	Warren Smith Consulting Engineers
95% UCL	95% Upper Confidence Limit of the arithmetic mean

1. Introduction

1.1 Background and purpose

The Australian Nuclear Science and Technology Organisation (ANSTO) operated the National Research Cyclotron Facility (NRCF, referred to hereinafter as the Site shown in **Appendix A.1 – Site and Vicinity Map**) from 1991 to 2021 at a property leased from the Sydney Local Health District (SLHD) located at 81 Missenden Road, Camperdown, New South Wales (NSW) (ANSTO, 2023a). The NRCF produced short-lived carbon-and-fluorine-based radiotracers used in positron emission tomography (PET) imaging (ANSTO, 2023b).

Production at the Site has been shut down since 2021. ANSTO plans to relinquish the lease of the property, returning it to SLHD. This will require ANSTO to remove equipment and materials from the building, demolish the building and infrastructure, including the removal of ground slabs and the basement, before leveling the area with clean fill (ANSTO, 2024).

Once the decommissioning and demolition works are complete, the Site will be handed back to SLHD. During the Site walkover on 2 July 2025, ANSTO advised Jacobs that SLHD intends to use the Site for public green space in the short to medium term. In the longer term, the Site may be developed based on the SLHD's masterplan for the precinct. A masterplan for the area including the Site is not currently published.

ANSTO submitted a referral under the Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) for the demolition of the Site and this was subsequently deemed to be a controlled action by the Department of Climate Change, Energy, the Environment and Water (DCCEEW) (DCCEEW, 2025a). The controlled action is specifically concerned with the appropriate mitigation of groundwater and soil contamination on the site due to historic land uses. A review by DCCEEW identified a range of potentially contaminating historical land uses that may have occurred at the Site.

DCCEEW (2025b) has requested that ANSTO provide the following preliminary documentation to inform the assessment of the proposed action under the EPBC Act:

1. Further investigations on soil and groundwater contamination, conducted in accordance with the requirements set out in Schedules A and B of the National Environment Protection (Assessment of Site Contamination) Measure 1999 (ASC NEPM 2013) and the National Water Quality Management Strategy, are required and should include a Preliminary Site Investigation (PSI) report that includes a detailed site history, conceptual site model (CSM), and:
    a. If required, a Sampling Analysis and Quality Plan (SAQP) and Detailed Site Investigation (DSI) that includes a refined CSM and an appropriate risk assessment.
    b. If required and prior to demolition, a site-specific risk assessment and a Remediation Action Plan (RAP).
2. Site contamination assessment objectives should be designed to ensure that the entire site is suitable for all future uses following the decommissioning and demolition.
3. A NSW EPA accredited site auditor should be engaged during these activities.
4. The preliminary documentation should include details of the measures to be implemented by the proponent to avoid and reduce any potential soil and groundwater contamination impacts at the site and on the broader environment, including people and communities.

ANSTO has engaged the services of Jacobs to conduct a PSI for the Site to assess the potential for groundwater and soil contamination due to historical land usage. The PSI was also commissioned for the purposes of addressing the DCEEW assessment criteria.

The PSI will form part of ANSTO's preliminary documentation response to DCCEEW. The PSI will also assist ANSTO in determining whether a Detailed Site Investigation (DSI) at the Site is required to further evaluate potential soil and groundwater contamination risks.

Jacobs has engaged Brad May, a NSW EPA Accredited Site Auditor to conduct a technical review of this PSI report. It is noted that the review by Brad May is not a statutory or non-statutory audit. A letter confirming this review is provided in **Appendix E**.

1.2 Regulatory framework

In preparing this PSI, Jacobs considered the following relevant regulatory framework and guidelines:

- National Environment Protection (Assessment of Site Contamination) Measure (NEPC, 2013)
- National Water Quality Management Strategy, (Australian Government, 2018)
- Consultants Reporting on Contaminated Land: Contaminated Land Guidelines (NSW EPA, 2020)
- Guidelines for the NSW Site Auditor Scheme (NSW EPA, 2017)
- PFAS National Environmental Management Plan 3.0 (PFAS NEMP) (HEPA, 2025).
- Contaminated Land Guidelines – Sampling Design Guidelines (NSW EPA, 2022)

1.3 Objectives

The objectives of the PSI are to:

- Assess the potential for soil and groundwater contamination at the Site due to historical land usage (including ANSTO activities).
- Develop an initial conceptual site model (CSM) describing potential contaminants, transport and exposure mechanisms and receptors.
- Provide input for ANSTO to determine if a DSI or other further investigations of contamination at the Site are needed.
- Help inform ANSTO's planning and execution of the demolition of the Site including the management of contamination risks (if any), disposal of waste material and handback of the Site to SLHD.

1.4 Scope of work

The scope of works undertaken for this PSI included the following:

- Desktop review of the following information to assist in understanding environmental settings, land uses and potential land contamination risks at the Site:
    - Documents provided by ANSTO
    - Lotsearch Enviro Pro report procured for the Site and provided in **Appendix D**. Note that the Site boundary identified in the Lotsearch report is approximate only. The report includes data on the Site and surrounding properties including:
        - Historical and recent aerial photographs
        - Geology and soil landscapes
        - Registered groundwater bores
        - NSW EPA records of notices under the Contaminated Land Management Act and records of licenses under the Protection of the Environment Operations Act
        - Historical business activities from UBD and/or Sands directories
    - Other publicly available information as referenced in this report.
- Site walkover to observe conditions at the Site and ground truth information from the desktop review. The Site walkover was conducted on 2 July 2025.
- PSI report preparation including:
    - Incorporation of the results of the desktop study
    - Identification of Areas of Environmental Concern (AECs), within or surrounding the Site, which present a potential contamination risk
    - Development of a Conceptual Site Model (CSM)
    - Presentation of recommendations for any further investigations, if required
    - Review of the draft report by a NSW EPA Accredited Site Auditor (Brad May from Epic Environmental Pty Ltd)

The following should be noted in relation to the scope of work:

- The scope did not include assessment of radionuclide contamination at the Site. This is being assessed separately by ANSTO.
- The scope did not include the assessment of hazardous building materials such as asbestos, lead based paint etc. This is also being assessed separately by ANSTO.
- The technical review undertaken by Brad May was not a statutory or non-statutory audit.

2. Site condition and surrounding environment

2.1 Site identification

The general information relating to the Site including its land use and zoning is presented in **Table 2-1** below. **Appendix A.2 – Site and immediate neighbouring properties** shows the approximate boundaries of the Site.

Table 2-1. Site-specific information

Item	Description
Asset No.	Building 81
Building name	National Research Cyclotron Facility (NRCF)
Address	81 Missenden Road, Camperdown, NSW 2050
Age of the building	34 years
Land Title	Part of Lot 101 DP 1179349
Approx. Site Area	3,283 m^2 (based on lease plan for DP880430))
Total Floor Area	2,400 m^2 (ANSTO Scope of Works for PSI, 16 April 2025)
Local Government Area	City of Sydney Council
GPS location	33°53'21.08" S 151°10'50.88" E
Current Site owner	The land occupied by the Site is owned by the NSW Government and managed by the SLHD
Current occupier	ANSTO
Land Zoning	SP2 – Infrastructure (Sydney Local Environmental Plan 2012)

2.2 Site condition

The following summary of Site conditions has been informed by the desktop review of information supplied by ANSTO and a Site walkover conducted by an experienced Jacobs environmental consultant with ANSTO representatives on the 2nd of July 2025. The Site walkover was limited to the ground floor and basement of the Site building as well as external areas of the Site. A photolog from the Site walkover is included as **Appendix B – Photolog**.

The Site consists of Building 81 as well as external areas immediately adjacent to the building.

2.2.1 Building 81

Building 81 is a brick-constructed, two-story structure with a basement and a flat metal roof. Inside, it features concrete floors throughout, covered with various materials. The walls are made of plasterboard and rendered concrete. The ceilings are a mix of plasterboard and suspended types, with most voids accessible through hatches (JMB, 2023).

The building was constructed for the NRCF by ANSTO from 1987 to 1991. The NRCF commenced operations in Building 81 in 1991 producing radioisotopes intended for medical purposes and in 2021, the entire operations were shut down (ANSTO, 2023b).

The main features of the NRCF are contained/situated on the ground floor of Building 81, where the 18 megaelectronvolt (MeV) cyclotron unit, cyclotron control room, hot cells and various ancillary facilities are located. **Appendix A.3 – Ground floor plan** shows the layout of the ground floor. The first floor is used for offices. During the Site walkover, ANSTO advised that there is also a standby diesel power generator on the first floor. Diesel fuel for the generator is stored in a bunded above ground storage tank (AST) next to the generator. The AST is approximately 1 m^3. See photos 19 and 20 in **Appendix B**.

In additional information supplied to Jacobs by ANSTO, it was noted that the cyanide containing waste liquor was stored in 5L plastic containers in a fume cupboard in the Targetry Laboratory (G26). The waste was generated from the target preparation stage of the ^{67}Ga isotope production process. Up to 25 L of the waste was stored in G26 in 5L containers until it was destroyed through oxidation with sodium hypochlorite in that laboratory.

Small quantities of waste mercury were held in the QC laboratory (G25). This was in the form of liquid metallic mercury that resulted from the QC inspection of ^{68}Zn and ^{203}Ti using a polarographic analysis. This material was held in that laboratory (up to 100 mL) until it was ultimately sold to a precious metal refiner for reprocessing.

Jacobs understands that the waste material historically stored in G25 and G26 is no longer present on Site.

The basement is used for storage of materials including waste. During the Site walkover, small quantities of flammable and corrosive products for laboratory purposes were observed to be stored in dangerous goods storage cabinets. No bulk storage of chemicals (apart from the diesel AST described above) was identified in the desktop review or Site walkover. **Appendix A.4 – Basement floor plan** shows the basement's layout.

Approximately 20 steel 205 Litre drums were observed in the basement for storage of solid waste consisting of used personal protective equipment.

In the additional information supplied to Jacobs by ANSTO, it was noted that process liquors containing ^{203}Tl (Thallium Sulfate in dilute Sulfuric Acid) and ^{68}Zn (Zinc Chloride in dilute Hydrochloric Acid) were held in a Hot Cell located in the basement extension until they had undergone significant radioactive decay. After several months, these "wastes" were recovered for their metal values and re-used as starting materials as the ^{203}Tl and ^{68}Zn were valuable materials. About 13L of ^{68}Zn and 60L of ^{203}Tl wastes were produced annually. In later years, the ^{68}Zn "waste" was stockpiled (probably up to 150L) and ultimately sold to a reprocessor at the end of the original phase of operations. Note that all wastes (radioactive and non-radioactive) were held in facilities that had at least secondary containment in the event of spillage or leakage.

The spent copper target plates from both Thallium and Gallium processes were firstly stored in Hot Cell 3 in the Radiochemical Production Laboratory (G48) for six months to allow them to decay (radioactively) to a point where it was possible to transfer them to a storage Hot Cell located in the basement. The plates would usually be stored for 12 – 18 months in the basement Hot Cell before being transferred to Waste Operations at Lucas Heights for their ultimate disposal. Typically, about 200 target plates were used each year so the basement inventory was typically 150-350 plates.

The information supplied by ANSTO also stated that there was an electroplating operation in room G26. Plating operations were small scale using plating baths of ~ 100mL inside a commercial glovebox that was connected to the building fume extraction system (i.e. it was operated under negative pressure relative to the room). No mist suppressants were used. The purpose of this operation was to electroplate targets (machined copper plates about 75mm x 25mm) with firstly a hard natural Nickel electroplate then approximately 1.6 g of ^{68}Zn plated in a strip about 10mm x 60mm. These ^{68}Zn targets were irradiated in a cyclotron target station by an approximately 30MeV proton beam for several hours to produce the radiochemical ^{67}Ga which was subsequently extracted from the target plate and purified.

There is a liquid trade waste storage system located in the basement. This consists of three bunded above ground storage tanks used to collect wastewater from basins in the ground floor laboratories where handling of isotopes and associated materials could have caused radionuclide contamination of the wastewater. Water

in the tanks was tested for radionuclides and if below acceptable levels, was discharged to sewer via a trade waste permit.

No staining, odours, waste dumping or other indications of ground contamination were observed within Building 81 during the Site walkover.

2.2.2 External areas

The external areas consist of:

- Asphalted vehicle parking areas in the north eastern and south western corners of the Site,
- A paved pedestrian access area with landscaping in the south eastern corner of the Site where the main building entrance is located,
- A concrete paved, fenced area on the southern side of the building where there is gas cylinder storage for Nitrogen and other inert gases (refer Photograph 9 in **Appendix B**,
- Grassed areas between the building and the surrounding roads on the northern and north western sides of the Site as well as a small grassed area between the car park and the paved pedestrian area in the south east corner of the Site.
- An area on the western side of the Site used by SLHD for storage tanks. There are two pressurised ASTs containing liquid nitrogen and two plastic ASTs against the western façade of the Building 81. According to information from ANSTO, these plastic tanks collect water from the intensive process of purifying water for dialysis machines at RPA Hospital. Water stored in these tanks is removed by the City of Sydney Council for use in street cleaning. All four ASTs are owned by SLHD.

No vent pipes or fill points associated with underground storage tanks were observed on or in the vicinity of Building 81 during the Site walkover.

No staining, odours, waste dumping, distressed vegetation or other indications of ground contamination were observed within external areas during the Site walkover.

A Site survey plan (Mitchell Land Surveyors, 2022) showing selected details and levels and the basement footprint in relation to the Site is provided as **Figure A.8** in **Appendix A**.

2.2.3 Utilities

A gas and water mains cabinet is located in the south east corner of the Site. Electrical cabinets were observed in the south west corner and in the north west corner of the Site.

Stormwater pits were observed in the vehicle parking areas and in the grassed area between the northern façade of the building and the roadway. There are also two long parallel stormwater inlets with grates running on either side of the Site southern boundary fence, close to the pedestrian access way.

During the Site walkover, ANSTO representatives advised Jacobs that the basement at the Site had been historically subject to surface water ingress during large storm events. A sump was observed at the bottom of the stairs from the ground level outside the northern façade of the building down to the basement. It is understood that water from the sump is pumped to the stormwater network to restrict ingress.

There is an underground pneumatic transfer system which was used to transfer isotopes from the Site to the imaging facilities at the Royal Prince Alfred (RPA) Hospital. This is understood to exit the Site building on the eastern side. In additional information supplied to Jacobs by ANSTO, it was noted that the compressor for the pneumatic transfer line to the hospital was in the plant room, the floor above the G37 transfer station. The transfer system was one way from the Site to the hospital to ensure the integrity of the clean room facilities, so the only compressor was at the Site end. Transfer shuttles were brought back by hand.

No underground storage tanks were identified at the Site in the information reviewed by Jacobs or through observations made during the Site walkover.

2.3 Surrounding land use

The Site is situated within the RPA Hospital campus which extends across both sides of Missenden Road. Beyond the RPA Hospital campus, the University of Sydney campus is located to the east, northeast and southeast. The medium to high density mixed residential-commercial areas of Camperdown and Newtown are located to the west and south of the RPA Hospital campus respectively.

The Site and surrounding area is zoned SP2 – Infrastructure under the Sydney Local Environmental Plan (LEP) (City of Sydney, 2012) with the purpose of Health Services Facilities shown on the zoning map. The LEP notes that permitted land uses in this zone with consent are aquaculture, horticulture, roads, water storage facilities, water treatment facilities, the purpose shown on the land zoning map (in this case Health Services Facilities), including any development that is ordinarily incidental or ancillary to development for that purpose.

No vent pipes or fill points associated with underground storage tanks were observed in the immediate vicinity of the Site during the Site walkover. A stack is visible in aerial imagery located approximately 150m south of the Site. This is for a boiler house which is listed on the NSW Health s170 heritage register (Heritage 21, 2022). Jacobs notes the potential for waste material from the boiler to have been deposited on land or used as fill material in the area.

Further details on the surrounding land uses within a 1-km radius of the Site is shown on **Appendix A.5 – Surrounding land uses** and summarised in **Table 2-2** below.

Table 2-2. Neighbouring land uses within a 1.0 km radius

Direction (from the Site)	Description
North	Professor Marie Bashir Centre at Royal Prince Alfred Hospital (RPA) – immediate St. John's College – 90 m Northeast Alfred Hotel – 100 m Sancta Sophia College – 150 m St. Joseph's Catholic Church – 220 m St. John's Oval – 250 m Northeast Parramatta Road (Great Western Highway) – 350 m BP petrol station – 350m Mixed residential-commercial areas – 360 m to 1 km 7-eleven petrol station- 650m north west Harold Park (mixed residential, parkland, and retail spaces) – 1 km
East	Grose Street - immediate Tissue Pathology & Diagnostic Oncology Building of RPA – 10 m King George V Building – 30 m Missenden Road – 70 m RPA Hospital – 100 m to 250 m St. Andrew's Oval – 310 m East-southeast Wesley College – 415 m Victoria Park – 950 m Mixed residential-commercial areas – 650 m to 1 km Northeast University of Sydney campus – 415 m to 1 km
South	Naamuru Parent and Baby Unit RPA Hospital - immediate King George V parking complex – 30 m RPA Surgical & Robotic Institute – 80 m Camperdown Memorial Rest Park – 450 m Southwest Newtown Train Station – 920 m South-southwest Macdonaldtown Train Station – 960 m South-southeast Mixed residential-commercial areas – 200 m to 1 km Woolworths Metro Erskineville – 1 km

West	Hospital Road – immediate Queen Mary Building – 12 m RPA visitor and staff car park – 30 m West-southwest Vacant Lot – 100 m Southwest Church Street – 140 m Camperdown Park – 270 m O'Dea Reserve – 575 m West-Southwest Johnston Creek – 770 m Northwest Mixed residential-commercial areas – 270 m to 1 km

2.4 Geology

The Site is underlain with Middle Triassic Ashfield Shale (Code: Twia) of the Wianamatta Group and is characterized by a sequence of dark grey to black siltstones that transitions upwards into a laminite. It is found in the Sydney Basin and is known for its thickness of 45 to 60 meters (Herbert, 1979). Two other geological formations in a northwest direction were also identified in the 1km radius buffer from the Site namely Hawkesbury Sandstone located 482m and Anthropogenic deposits located 462m from the Site. **Table 2-3** below summarises these geological classifications.

Table 2-3. Geological classification underlain the Site including buffer area (Lotsearch, 2025)

Code	Unit Name	Stratigraphy & Description	Age Range	Dominant Lithology	Distance & direction
Twia	Ashfield Shale	Wianamatta Group - Ashfield Shale. Black to light grey shale and laminate.	Middle Triassic (base to top)	Shale	On-site
Q_h	Anthropogenic deposits	Anthropocene deposits varying from large man-made clasts (concrete blocks to building demolition rubble) to quarried natural boulders, with interstitial sand-sized to clay matrix.	Quaternary (base) to Now (top)	Anthropogenic material	462m Northwest
Tuth	Hawkesbury Sandstone	Ungrouped Triassic units - Hawkesbury Sandstone Medium- to coarse-grained quartz sandstone displaying small- to large-scale, high-angle crossbedding; minor shale and laminite lenses.	Anisian (base to top)	Sandstone	480m Northwest

There are no current fault and shear or schist zone boundaries. In addition, there are no trendlines, fold axes, marker beds and asbestos potential (naturally occurring) within the Site and its dataset buffer of 1-km radius (NSW Department of Primary Industries and Regional Development, 2025).

2.5 Soils

The soil at the Site is classified as Kurosol (Commonwealth Scientific and Industrial Research Organisation (CSIRO, 2025). Other known soils within the buffer area of 1-km are summarised in **Table 2-4 below.**

Table 2-4. Soils classification of the Site including buffer area (CSIRO, 2025)

Map Unit Code	Soil Order	Map Unit Description	Distance (m)	Direction
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.	0	On-site
Tb35	Sodosol	Dissected plateau remnants--flat to undulating ridge tops with moderate to steep side slopes: chief soils are hard acidic yellow and yellow mottled soils (Dy3.41), (Dy2.21), and (Dy2.41) and hard acidic red soils (Dr2.21); many shallow profiles occur and profile thickness varies considerably over short distances. Associated are: (Gn3.54), (Gn3.14), and possibly other (Gn3) soils; (Db1.2) soils on some ridges; (Dy5.81) soils in areas transitional to unit Mb2; soils common to unit Mb2; and eroded lateritic remnants. Small areas of other soils are likely. Flat ferruginous shale or sandstone fragments are common on and/or in and/or below the soils of this unit.	566	Northeast

In addition, the soil landscape to which the Site belongs is Blacktown. A description of the Blacktown soil landscape is provided below.

- Landscape - gently undulating rises on Wianamatta Group shales. Local relief to 30 m, slopes usually >5%. Broad rounded crests and ridges with gently inclined slopes. Cleared Eucalypt woodland and tall open-forest (dry schlerophyll forest).
- Soils—shallow to moderately deep (>100 cm) hard setting mottled texture contrast soils, red and brown podzolic soils on crests grading to yellow podzolic soils on lower slopes and in drainage lines.
- Limitations—localised seasonal waterlogging, localised water erosion hazard, moderately reactive highly plastic subsoil, localised surface movement potential.

2.6 Acid sulfate soils (ASS)

The Acid Sulfate Soils (ASS) map for the Sydney LEP indicates the Site is in an area of Class 5 ASS (City of Sydney, 2012). The LEP notes that, for ASS class 5, works within 500 metres of adjacent Class 1, 2, 3, or 4 land that is below 5 metres Australian Height Datum (AHD) and by which the water table is likely to be lowered below 1 metre AHD on adjacent Class 1, 2, 3 or 4 land, present an environmental risk. There is no Class 1 – 4 ASS land within 500 m of the Site and therefore the ASS risk at the site is considered to be low.

The Atlas of Australian ASS identifies the Site as having an extremely low probability of ASS occurrence (1-5% chance) with occurrences in only small, localised areas.

2.7 Hydrogeology

As noted in Section 2.4, geology at the Site consists of Ashfield Shale of the Wianamatta Group. Ashfield Shale is generally considered low groundwater yielding and saline. McNally (2009) notes that while the Wianamatta Shale groups are best thought of as leaky aquicludes, they do include scattered zones of fracture

porosity within the weathered shale and soil profile, and also at depth in the unaltered shale bedrock. The water within these fractures is generally saline, typically in the range 5,000-50,000 mg/L. The bulk permeability, like the salinity, is extremely variable, typically 10^{-7} to 10^{-9} m/s (1-0.01Lu) in fresh shale and 10^{-6} to 10^{-9} m/s in the weathered regolith.

A previous investigation at the Site (Getex, 2022) discussed further in Section 6.1, included the advancement of boreholes around the Site. These boreholes did not intersect groundwater to the depth of the investigation (i.e. 2.7 to 5m) and no monitoring wells were installed. Therefore, there is no data to calculate the onsite interpolated groundwater flow direction. However, groundwater flow is inferred to move north towards Rozelle Bay or northeast towards Blackwattle Bay (JHCPB, 2021). These bays, located north and northeast of the Site, likely influence the northward groundwater flow due to their proximity and larger size compared to Johnstons Creek.

The Lotsearch report provided in **Appendix D** notes that there are no registered groundwater bores on-site, however there are 12 registered groundwater bores within a 1-km radius of the Site. Eleven of the bores are listed as monitoring wells with depths to 10.7 m below ground surface.

One of the bores (NGIS Bore ID 10090639) is listed as a water supply bore. This bore is located approximately 600 m south east of the Site (upgradient) and was installed in 2009. The bore depth is 210 meters and the standing water level is listed as 31 meters below ground level (mbgl). Given the location, depth of the bore and water level, it is unlikely that groundwater in this location would be affected by contamination (if present) from the Site.

Drillers log information is available for six of the bores and this is presented in **Table 2-6** below with some details on the lithology as a function of depth.

Table 2-5. Borelog details of some of the bores within 1-km radius of the Site

NGIS Bore ID	Drillers Log	Distance	Direction
10085370	0.00m-0.22m Concrete slab 0.22m-0.50m Gravel road base 0.50m-1.10m Filling, grey-brown and grey, silty clay 1.10m-4.40m Clay, grey, silty with trace of ironstone, gravel, damp	533m	Northeast
10090639	0.00m-2.00m Clay brown 2.00m-4.50m Clay grey 4.50m-22.00m Shale grey 22.00m-23.00m Shale soft 23.00m-33.00m Shale hard 33.00m-74.00m Sandstone grey 74.00m-76.00m Sandstone and quartz fine 76.00m-134.00m Sandstone grey 134.00m-135.50m Sandstone quartz fine 135.50m-153.50m Sandstone grey 153.50m-154.00m Sandstone quartz fine 154.00m-168.00m Sandstone grey 168.00m-170.00m Sandstone shale bedding 170.00m-188.00m Sandstone grey 188.00m-188.50m Sandstone quartz 188.50m-210.00m Sandstone grey	608m	Southeast
10060491	0.00m-7.40m Fill	627m	West
10064266	0.00m-8.70m Fill 8.70m-10.20m Shale	627m	West

10059463	0.00m-6.20m Fill 6.20m-7.00m Shale	628m	West
10091449	0.00m-1.10m Fill, silty, sandy clay 1.10m-6.50m Silty clay, high plasticity	788m	South

2.8 Hydrology

Rainfall from the Site building roof and runoff from external areas would drain to the underground stormwater network around the Site. The Site generally falls from the south east corner near the main entrance to the north west corner. Runoff from south of the Site is anticipated to be intercepted by the large steel-grated drainages to the south of Building 81 (south) and just outside the southern boundary. These parallel drainages are separated by a brick fence running from east to west. A drainage inspection in October 2024 revealed that the pedestrian thoroughfare along the south of the Site appears to be a concentrated sag zone with minimal surface grade to convey overland flow. The linear drainage trenches were assumed to be installed due to this sag zone (WSce, 2024).

Roof and external area runoff at the Site is expected to drain towards the stormwater infrastructure located in the north of the Site. As noted in Section 2.2.3, the basement at the Site has been historically subject to surface water ingress during large storm events. A sump was observed at the bottom of the stairs from the ground level outside the northern façade of the building down to the basement. It is understood that water from the sump is pumped to the stormwater network to restrict ingress.

The stormwater infrastructure is expected to generally follow regional topography and drain to the nearest surface water bodies:

1. Johnstons Creek – located 750m northwest, located near the intersection of Booth Street and Pyrmont Bridge Road – a freshwater and tidally influenced (closer to Rozelle Bay) waterway that is approximately 2 km long and generally flows northwards to Rozelle Bay.
2. Rozelle Bay – located 1,900m north, the bay is part of the larger marine system of Sydney Harbour.
3. Blackwattle Bay – located 1,850m northeast, adjacent east of Rozelle Bay, also forms part of the larger marine system of Sydney Harbour.

These surface water bodies are shown on **Appendix A.6 – Topography and surface water.**

2.9 Topography

The Site's topography is predominantly grading from south east to north west, with the high point near the Site's main entrance and the low end along Hospital Road, approximately 45 m before intersecting Lucas Street (WSce, 2024).

Local terrain elevation ranges from 30 to 36 mAHD in the western campus of RPA Hospital sloping down towards the north. At the eastern campus of RPA Hospital the terrain elevation ranges from 22-30 m AHD sloping down towards the east. Regional topography generally slopes downwards to the north and northeast (Douglas Partners, 2020). Within the 1-km radius of the Site, the elevation contours ranged from 4 to 44 mAHD (Department of Finance, Services & Innovation, 2025).

Site and surrounding area topography is shown on **Appendix A.6 – Topography and surface water bodies**.

2.10 Sensitive environments

The Site is not located within any Ramsar Wetland area. In addition, there's no records regarding Marine and Terrestrial protected areas in the Collaborative Australian Protected Areas Database (CAPAD, 2022). There is

also no Groundwater Dependent Ecosystems, no Inflow Dependent Ecosystems Likelihood & no classified native vegetation on-site or in its buffer area of 1-km radius from the Site (Lotsearch, 2025).

3. Site history

3.1 Overview

As noted in Section 2.3, the Site is part of the RPA Hospital campus. RPA Hospital was first developed in 1868 from undeveloped or agricultural land owned by the University of Sydney (Dunn, M. 2008). The initial development of the hospital was on the eastern side of Missenden Road. The Queen Mary building was constructed as a nurses home in 1956 on the western side of Missenden Road, just west of the Site. An image from the RPA Museum website of the Queen Mary building in 1960 is provided below (RPA Museum, undated). The image shows residential and mixed use buildings to the south of the Queen Mary building.

]

Photo 1. Queen Mary Nurses Home in 1960 (RPA Museum, undated)

The NRCF construction at the Site occurred between 1987 and 1991. A building expansion occurred in approximately 1995 where the basement was expanded to provide room for additional waste handling facilities and storage of activated components. A building refurbishment was carried out between 2010 and 2012 including replacement of the cyclotron (ANSTO, 2023b).

3.2 Historical maps and business directories

An historical map from 1956 (Lotsearch, 2025) indicates that a Sydney County Council Store was present at the Site. The SSC was a county council in NSW established in 1935 to produce electricity and operate the electricity network in a number of municipalities in metropolitan Sydney.

Other commercial or light industrial buildings appear to the north and south of the Site. The historical business directory listings between 1950 and 1975 presented in the Lotsearch report (2025) indicate that the light industrial activities consisted of metal, engineering and electrical workshops. No dry cleaning activities were identified at the Site or in the buffer area.

The historical maps and business directory listings are presented in the Lotsearch report provided in **Appendix D**.

3.3 Site and surrounding lands historical aerial imagery review

Aerial photographs from dates between 1930 to 2024 were reviewed for land use changes. Observations are summarised in the **Table 3-1** below. Buffer areas considered are those within a 150-meter radius of the Site. Copies of aerial imagery are provided in the Lotsearch Reports in **Appendix D**.

Table 3-1. Summary of Review of Historical Aerial Imagery

Year	Description	Source
1930	The image shows that the Site and surrounding area was used for commercial or industrial purposes dating back to at least 1930. **On-Site:** ▪ A large rectangular building (apparently industrial) appears to occupy the footprint of the Site. **Off-Site:** ▪ Various buildings appear to surround the Site in all directions up to the buffer zone of 150 m-radius. A large saw-tooth apparently industrial building is located immediately east of the Site. ▪ While difficult to identify due to the image resolution, the broader area around the Site appears to have a mix of building types with some indicating residential use, particularly to the south. Note: Imagery has very poor resolution – pixelated and not contrasted.	Lotsearch
1943	**On-Site:** ▪ No notable changes. The same rectangular building appears. **Off-Site:** ▪ A large building on the southeast appeared (current King George V Hospital). ▪ The stack associated with the boiler house approximately 150m south of the Site is visible.	Lotsearch
1951	**On-Site:** ▪ No notable changes. The same rectangular building appears. **Off-Site:** ▪ Structures appeared east of Missenden Road.	Lotsearch
1955/56	**On-Site:** ▪ No notable changes. The same rectangular building appears. **Off-Site:** ▪ Queen Mary Building was erected but still under construction. Building construction/demolition north of the Site appears to commence.	Lotsearch
1961	**On-Site:** ▪ The building's roof now has 10 rectangular and four circular features. **Off-Site:** ▪ Construction of Queen Mary Building completed. Additional structures appearing in the area of St. John's College. Vacant lot appeared northeast of the Site.	Lotsearch
1965	**On-Site:** ▪ No notable changes from 1961. **Off-Site:** ▪ No notable changes from 1961.	Lotsearch
1970	**On-Site:**	Lotsearch

	▪ No notable changes from 1965 except for rectangular features on the roof. **Off-Site:** ▪ A parking area northeast of the Site appeared. Additional structures appeared in the area of St. John's College. Another parking area south of the Site appeared.	
1978	**On-Site:** ▪ Changes in the roof was observed as whitish features appears on the western side. **Off-Site:** ▪ New structures appeared in the middle of the parking lot northeast of the Site. The parking area south of the Site has expanded.	Lotsearch
1982	**On-Site:** ▪ Changes in the roof as greyish patches appeared in the western half. **Off-Site:** ▪ One of the buildings adjacent south of the Site has been removed.	Lotsearch
1986	**On-Site:** ▪ No notable changes since 1982. **Off-Site:** ▪ Many structures southwest of the Site have been removed.	Lotsearch
1991	**On-Site:** ▪ Building 81 was erected and established in its current footprint. **Off-Site:** ▪ The area southwest was converted into a large open parking lot.	Lotsearch
1994	**On-Site:** ▪ No notable changes observed since 1991 except for what appears as improvements in the eastern, western and southern portions of the Site. **Off-Site:** ▪ No notable changes from 1991	Lotsearch
2002	**On-Site** ▪ Building expansion at the southwestern corner of Building 81. **Off-Site** ▪ Redevelopment at the southwestern and northwestern areas. Expansion of St. John's College parking area.	Lotsearch
2014	**On-Site** ▪ No notable changes observed since 2002. **Off-Site** ▪ Professor Marie Bashir Centre Building is under construction north of the Site. Construction of RPA Hospital car park has been completed. A new building appeared along Missenden Road and west of St. John's College.	Lotsearch
2024	**On-Site** ▪ No notable changes observed since 2014 except for the two pressurized liquid Nitrogen aboveground tanks (fenced) & two electrical utility boxes/enclosures along Hospital Road. **Off-Site** ▪ Completion of Professor Marie Bashir Centre Building. ▪ The building housing the Naamuru Parent and Baby Unit of RPA located immediately south of the Site, first appeared.	Lotsearch

4. NSW EPA records

The Lotsearch (2025) report provided in **Appendix D** includes data obtained from public registers maintained by the NSW Environment Protection Authority (NSW EPA).

4.1 List of contaminated sites notified to NSW EPA

There are eight properties within a 1-km buffer radius of the Site that are currently on the list of contaminated sites notified to the NSW EPA, as shown in the table below. **Table 4-1** lists these sites with other relevant details.

Table 4-1. List of contaminated sites notified to the NSW EPA

Map ID	Entity/Property	Address	Suburb	Activity	Management Class	Distance from Site, direction and assumed hydrogeological gradient
13541	The Spruce	12-14 Marsden St.	Camperdown	Other Industry	Regulation under CLM Act not required	243m Northwest (down gradient)
7673	Former Gee Graphics	27 Church St.	Camperdown	Other Industry	Regulation under CLM Act not required	316m Northwest (down gradient)
237	O'Dea Reserve	Salisbury Lane	Camperdown	Landfill	Contamination formerly regulated under the CLM Act	554m West (cross gradient)
35	7-Eleven (former Mobil) Annandale Service Station	198 Parramatta Rd	Annandale	Service Station	Regulation under CLM Act not required	588m West (cross gradient)
976	Aluminium Enterprises	66 Brocks Lane	Newtown	Metal Industry	Contamination was addressed via the planning process (EP&A Act)	669m Southeast (up gradient)
977	Former Service Station	81 Wilson St.	Newtown	Service Station	Contamination formerly regulated under the CLM Act	758m South (up gradient)
975	Adjacent to Former Service Station	79 Wilson St.	Newtown	Service Station	Contamination formerly regulated under the CLM Act	759m South (up gradient)
13797	Paint Shop & Clothing Store sub-precincts. Redfern North Eveleigh Precinct	281 Wilson St.	Darlington	Unclassified	Under assessment	860m South (up gradient)

Based on the distance of the listed properties, direction (north is assumed hydraulically downgradient) and the geology of the area, the risk of contaminant migration from these properties (if present) to the Site is considered low.

Additionally, where the management class of the notified properties has been listed either as 'regulation under the Contaminated Land Management Act 1997 (CLM Act) not required' or 'contamination formerly regulated under the CLM Act', this would indicate that no significant contaminant issues are present at the notified properties that would require regulation / remediation under the CLM Act.

4.2 Notices issued under the Contaminated Land Management Act 1997

There are three sites that have previously been issued with notices under the CLM Act 1997. Details shown in the **Table 4-2** below.

Table 4-2. Recipients of Records of Notice from NSW EPA

Map Id	Entity/Property	Address	Suburb	Notices	Area No	Distance from Site, direction and assumed hydrogeological gradient
67	O'Dea Reserve	Salisbury Lane	Camperdown	1 former	3342	554m West (cross gradient)
239	Former Service Station	81 Wilson St.	Newtown	4 former	3356	758m South (up gradient)
240	Adjacent to Former Service Station	79 Wilson St.	Newtown	3 former	3350	759m South (up gradient)

Based on the distance and direction (north is assumed hydraulically downgradient) to the Site and geology in the area, the risk of contaminant migration from the properties (if present) listed in **Table 4-2** to the Site is considered low.

4.3 Penalty notices and licensed activities under the Protection of the Environment Operations Act 1997

There are two sites within the buffer area of 1-km of the Site that have been issued with penalty notices under the Protection of the Environment Operations Act 1997 (POEO Act 1997). Details are provided in **Table 4-3**.

Table 4-3. Entities issued with a penalty notice from NSW EPA

Map ID	Number	Name & address	Issued Date	Act	Offence / Date	Location Confidence	Distance from Site, direction and assumed hydrogeological gradient
1	3085769455	Punchline Excavations Pty Ltd – corner Australia & Lennox St., Newtown, NSW 2042	12/04/2013	Protection of the Environment Operations Act 1997 - 120(1)	Pollute waters – Corporation 25/01/2013	Road Intersection	734m South (up gradient)

2	3173530755	Sydney Trains – Haymarket, NSW 1238	10/11/2021	Protection of the Environment Operations Act 1997 - 64(1)	Contravene condition of licence – Corporation 31/05/2021	Network of Features	898m South (up gradient)

Table 4-4 lists sites that have licenced activities under the POEO Act 1997.

Table 4-4. Licensed activities within the 1000-m buffer under the POEO Act 1997

EPL	Organisation	Address	Activity	Location Confidence	Distance from Site, direction and assumed hydrogeological gradient
21149	Acciona Infrastructure Projects Australia Pty Ltd	WestConnex between M4 East at Haberfield and the New M5 at St. Peters, Marrickville, NSW 2204	Road Construction	Premise Match	443m West (cross gradient)
12208	Sydney Trains	Sydney Trains, Haymarket, NSW 1238	Railway systems activities	Network of Features	898m South (up gradient)

Table 4-5 below summarises these sites within the buffer zone of 1-km that were formerly licensed by the NSW EPA. The Site itself is included in Licence No. 289 as one of the tenants / locators of SLHD.

Table 4-5. Delicensed activities still regulated by the EPA

Licence No	Organisation	Name	Address	Suburb	Activity	Distance from Site, direction and assumed hydrogeological gradient
289	Sydney Southwest Area Health Service	Royal Prince Alfred Hospital	Missenden Rd	Camperdown	Hazardous, Industrial or Group A Waste Generation or Storage	On-site
12070	The University of Sydney	The University of Sydney	Camperdown & Darlington Campuses	Sydney University	Hazardous, Industrial or Group A Waste Generation or Storage	53m East (cross gradient)
11888	Sydney Southwest Area Health Service	Department of Forensic Medicine	50 Parramatta Rd	Glebe	Hazardous, Industrial or Group A Waste Generation or Storage	452m North-East (down gradient)
12389	Rail Corporation New South Wales	Xplorer Service Centre	Henderson Road (off)	Eveleigh	Hazardous, Industrial or Group A Waste Generation or Storage	887m South-East (up gradient)

Based on the distance and direction (north is assumed hydraulically downgradient) to the Site, nature of the activity and geology in the area, the risk of contaminant migration from the properties (if present) listed in

Table 4-3 to **Table 4-4**to the Site is considered low. There is a risk that the waste generation and storage activities described in **Table 4-5** may have caused localised contamination at the Site. Further information on these activities was not available during the preparation of this PSI. It is noted that the Site is only a portion of the larger land parcel and so the licensed activity may not have been undertaken within the Site boundary.

5. Other public registers

The Lotsearch report provided in Appendix D includes results of searches of the following public registers:

- NSW EPA Former Gasworks sites
- National Waste Management Facilities Database managed by Geoscience Australia
- National Liquid Fuels Facilities managed by Geoscience Australia
- NSW EPA PFAS Investigation Program
- Department of Defence PFAS Investigation and Management Program
- Airservices Australia National PFAS Management Program
- Defence Controlled Areas
- Department of Defence Regional Contamination Investigation Program
- Department of Defence National Unexploded Ordinance Program
- NSW Department of Customer Services Tanks

No potentially contaminating activities at the Site or within a 1km buffer of the Site were identified from the searches of these registers.

6. Previous investigations

The following site investigations were previously conducted for the Site or nearby areas.

6.1 Due Diligence Contamination Assessment (Getex, 2022)

Getex Pty Ltd was engaged by ANSTO to undertake a due diligence contamination assessment of the Site in 2022. The purpose of the investigation was to assess for the presence of widespread / gross soil contamination prior to returning the land to the property owner. The assessment of surface water and groundwater was not part of the scope.

Boreholes were advanced with a drill rig at 11 external locations surrounding the building on Site (see **Appendix A.7 – Historical sampling locations**). This number of locations complies with the minimum number of sampling points for a site area up to 0.4 Ha set out in the NSW EPA sampling design guidelines (NSW EPA, 2022). However, it is noted that the boreholes were located within the external areas of the Site. No sampling under the Building 81 has been undertaken.

The boreholes were advanced to 2.7 meters below ground level (mbgl) at six locations using push tube and to 5 mbgl at the remaining five locations using a solid flight auger. It is noted that the basement of Building 81 has a floor level of 29.45 m AHD (ANSTO, 2019) which is approximately 1.5 – 2.5 m below the external ground surface around the building (Mitchell Land Surveyors, 2022). Therefore, the boreholes were advanced to, and in some cases deeper than, the depth of the basement floor of Building 81.

The geological profile at the Site was identified as:

- Fill material consisting of dark brown and brown loose and clayey loam fill, orange/yellow sand and reddish-brown clays within instances of crushed rock at depths ranging 0.0-1.35 meters below ground level (mbgl)
- Natural soils consisting of reddish brown clays, dark red clays and white clays with minor instances of red shale rock at depths of 0.25m to 5.0m

Neither groundwater or bedrock was encountered during the investigation (to the limit and depth of the boreholes).

Soil samples were collected from the 11 boreholes and screened for volatile organic compounds (VOCs) with a photo ionisation detector (PID). Selected samples were sent to a NATA-accredited laboratory for the following contaminants of potential concern (CoPC): heavy metals, polycyclic aromatic hydrocarbons (PAH), total recoverable hydrocarbons (TRH), benzene, toluene, ethylbenzene and xylenes (BTEX), phenols, VOCs, organochlorine pesticides (OCP), polychlorinated biphenyls (PCBs), pH and asbestos.

Soil analytical results were compared to generic guideline values from the National Environment Protection (Assessment of Site Contamination) Measure 2013 (ASC NEPM) for commercial / industrial land use. Ecological screening levels for TPH, BTEX and Benzo(a)pyrene were based on the urban residential and public open space guidelines.

Health screening levels for F3 and F4 hydrocarbons were adopted from Friebel, E & Nadebaum, P (2011). The ecological screening level for Benzo(a)pyrene (BaP) was adopted from CRC Care (2017). Getex also adopted assessment criteria for pH in soil from the NSW EPA Excavated Natural Material (ENM) Order 2014 (NSW EPA, 2014).

Minor amounts of foreign materials (i.e. brick, concrete, glass and coke) were identified in fill materials across the Site. PID screening did not identify any indications of VOC contamination.

Analytical results indicated that four out of the 10 samples that were analysed for pH had elevated pH levels ranging from 9.1 to 9.5. These results were marginally above the adopted criteria (pH between 5 and 9 from the NSW EPA ENM Order). Getex indicated that the elevated pH levels do not pose a potential risk to current

and future receptors. The remaining detected CoPC were found to be below the adopted assessment criteria (i.e. commercial/industrial). Getex concluded that "the concentrations detected for all contaminants did not identify the belowground presence of widespread/gross soil contamination. Furthermore, no contamination was identified which would preclude continued present Commercial/Industrial use under the current conditions."

As noted in Section 1.1, once the Site buildings and infrastructure are demolished, it is understood that SLHD intends to use the Site for green space in the short to medium term. Therefore, Jacobs has also compared the Getex (2022) analytical results to ASC NEPM guideline values for public open space use. All reported soil contaminant concentrations were below these guideline values with the exception of the concentration of Carcinogenic PAHs (as BaP TEQ) in Sample BH08 S1. The reported concentration of Carcinogenic PAHs (as BaP TEQ) in this sample was 4.5 mg/kg. This is below the health investigation level for commercial / industrial land use of 40 mg/kg but exceeds the health investigation level for public open space land use of 3 mg/kg. This sample was collected from fill material at 0.3 mbgl. Jacobs notes that while the sample was collected from near ground surface, BH08 was in a grass area and therefore the PAHs in the sample are unlikely to be due to asphalt. It is noted that the surface surround investigation location BH08 contained observable foreign materials including ceramics, plastic and cement debris.

One other soil sample had a reported concentration of Carcinogenic PAHs (as BaP TEQ) above the laboratory limits of reporting (BH11 S1 with a reported concentration of 0.6 mg/kg). The remaining 19 samples had reported concentrations below the laboratory limit of reporting. Getex did not calculate the 95% Upper Confidence Limit (95% UCL) of the mean concentration. The ASC NEPM requires that the 95% UCL is less than the assessment criteria and the standard deviation is less than 50% of the assessment criteria and none are greater than 250% of the assessment criteria.

Jacobs has determined the 95% UCL for the Carcinogenic PAHs (as BaP TEQ) using the US EPA Pro UCL application. Where the analysis result was "less than the level of reporting", Jacobs assumed the level of reporting as the concentration for the purposes of calculating statistics. Pro UCL recommended the 95% Students-t UCL and this was calculated to be 1.028 mg/kg. This value is below the health investigation level for public open space use (i.e. 3 mg/kg). The standard deviation was 0.872 which is less than half of the health investigation level for public open space use and the maximum result (4.5 mg/kg) is less than 250% of the health investigation level. The output from Pro UCL is provided in **Appendix C**.

Therefore, based on this assessment, the reported concentrations of Carcinogenic PAHs (as BaP TEQ) do not present an unacceptable health risk for future use of the Site as public open space land use.

6.2 Hazardous Materials Pre-Demolition Register (JMB Environmental Consulting, 2023)

JMB Environmental Consulting completed a hazardous materials pre-demolition survey at the Site on 23 January 2023. Intrusive inspections were not undertaken within areas still regularly used by ANSTO staff at the time the survey was conducted and there were also some locations within Building 81 (rooms 0050, 0051, 0058 and 0059) that were not inspected due to reported high levels of radiation. The survey identified the following hazardous materials on-site: asbestos-containing materials (ACM) in generator gaskets, lead-based paints applied in various surfaces as topcoats and undercoats and metals dust from the surface swabbing at different areas. One area that was swabbed (southwest floor adjacent tank 1) was assessed as high risk due to elevated concentrations of cadmium, chromium, copper, mercury and nickel.

Jacobs understands the information from this survey will be considered by ANSTO in the planning and design of the Site decommissioning and demolition.

6.3 Hazardous Building Materials Register (Integrated Environmental, 2022)

Integrated Environmental Pty Ltd conducted a hazardous materials survey at the Site on 28 September 2021 and 12 & 14 July 2022 to identify the presence or absence of hazardous building materials such as asbestos, synthetic mineral fibre (SMF), polychlorinated biphenyls (PCBs), lead paint and metals in dust. For the asbestos survey, samples were collected in 11 suspect areas. Results indicated that all samples did not contain asbestos (no ACM). Lead was detected in painted surfaces at two locations based on limited surface sampling, suggesting that other painted surfaces may also contain lead. Swabbing/wiping of surfaces revealed that 68 out of 74 samples collected had at least one metal that exceeded the ANSTO Surface Wipe Housekeeping Limits. The following metals were detected in the majority of the swab samples: arsenic, nickel, cadmium, lead and beryllium. SMF materials (used mainly as insulation) were identified in seven locations within the Site. No PCB sampling was conducted but the consultant asserted that due to the age of Building 81, it is unlikely that the capacitors within the Site contain PCBs. Lastly, there were no acidic or alkaline residues identified during the conduct of the survey.

6.4 Preliminary Site Investigation for Contamination – Royal Prince Alfred Hospital Redevelopment (Douglas Partners, 2020a)

The PSI was for the planned redevelopment of the eastern and western campuses of RPA Hospital. The Site is located at the northern portion of the western campus. The Douglas Partners report noted that the development being proposed for the western campus was the Mother and Babies Unit which is now completed. It is now referred to as the Naamuru Parent and Baby Unit.

The scope of works included drilling of six boreholes – two in the western campus and four in the eastern campus. The two boreholes in the western campus, BH205 and BH206 (see **Appendix A.7 – Historical sampling locations**) were installed to depths of 15 mbgl and 17 mbgl respectively. The boreholes were completed by augering in soil and then coring in rock. No free groundwater was encountered during the augering. BH205 was converted into a monitoring well.

Borelogs indicated fill material was present from surface to 0.4 mbgl followed by clay to 7.2mbgl, then shale to the termination depth at BH205. At BH206, clay was encountered under the concrete ground slab to a depth of 7.1 mbgl followed by shale.

Field screening of soil samples with a PID did not identify any indications of VOC contamination.

Two soil samples from each borehole were submitted for laboratory analysis. The analysis included metals / metalloids, TRH, BTEX, PAH, OCP, OPP, PCB, phenols and asbestos. Analysis results were screened against site assessment criteria adopted from the ASC NEPM health investigation and / or screening levels for residential with minimal access to soil (HIL B and HSL B), public open space (HIL C) and commercial and industrial (HIL D and HSL D). The ASC NEPM Ecological Investigation Levels for urban residential and public open space and commercial / industrial were also adopted.

All CoPC were found to be within the adopted health-based criteria except for Carcinogenic PAHs (as BaP TEQ). The measured concentration of Carcinogenic PAHs (as BaP TEQ) in the soil sample collected from BH205 from 0 – 0.1 mbgl was 3.2 mg/kg. This exceeded the guideline value for public open space of 3mg/kg but was below the guideline value for commercial / industrial of 40 mg/kg. The reported concentration of BaP in the same sample from BH205 was 1.7 mg/kg. This exceeded the ecological screening levels for both urban residential and public open space (0.7 mg/kg) as well as commercial / industrial(1.4 mg/kg).

Jacobs notes that the soil sample was collected from near the ground surface and the borehole was installed in an asphalted car parking area. Therefore, the reported PAH concentrations may have been influenced by asphalt inclusions within the sample collected.

For the monitoring well installed in BH205, the screened section was installed between 4 and 15 mbgl. The standing water levels were measured shortly after well installation and one month later. The levels varied between 28.9 m RL and 30.2 m RL (approximately 4.5 mbgl). No sampling or analysis of groundwater was performed.

It is noted that BH205 is no longer accessible as the Mother and Babies unit has been constructed over this investigation location.

SLHD advised ANSTO that with regard to construction of the Naamuru Parent and Baby unit, there were very little civil works required. Some minor excavation for plumbing the site was required but otherwise the site was fairly level, with some fill required. Air monitoring was in place for the duration of the minor excavation. Structural design consisted of compacted binding materials and screw piers, which negated any bulk excavation.

6.5 Erosion and Sediment Control Report for ANSTO Building 81 (Warren Smith Consulting Engineers, 2024)

ANSTO engaged WSce to conduct this hydrologic study with the intention of addressing the following during the planned demolition of Building 81:

- Drainage strategy for the existing site conditions including existing stormwater infrastructure &
- Sediment and erosion control

WSce looked at the baseline hydrologic conditions and the systems that are in place and identified that at the time of assessment there's a possibility of a major blockage within the existing pit and pipe network. This is related to the observed concentrated sag zone at one segment of the Site's drainage system where water was observed to be accumulating. WSce also discussed site protection measures (construction of the silt fence and sediment basin) and provided engineering plans for temporary stormwater systems to control runoff during excavation.

7. Conceptual Site Model

Jacobs developed the following tabulated preliminary conceptual site model (CSM) for the Site based on the information reviewed, an understanding of site settings, potential contamination associated with known historical and current site operations, and potential receptors to contamination (if present). **Table 7-1** below present the Site's preliminary CSM.

Table 7-1. Conceptual Site Model

Source	Media	Contaminants of concern	Contamination mechanism	Contamination depth	Transport pathways	Receptor	Status of Source-Pathway-Receptor Linkage
1. Historical operations of the Site as a light industrial facility pre-1987	Soil Groundwater Vapour	Metals, hydrocarbon compounds (TRH, BTEX, PAH), solvents (VOC, SVOC), asbestos, polychlorinated biphenyls (PCBs) and PFAS	Historical releases, leaks, spills and/or waste disposal from historical light industrial operations.	Ground surface and below infrastructure.	Direct contact with soil, groundwater and/or vapour during excavation and maintenance activities which disturb sub-surface materials or from external unsealed areas (dermal, inhalation, ingestion) Leaching from on-site soil to stormwater and groundwater and migration off-site to nearest body of water. Downward migration of contamination may be limited due to the clay and shale geology.	Current and future commercial/industrial site users (on-site). Current and future maintenance workers (on-site). Current and future ecological receptors (on-site) noting very limited exposed soil and vegetation on Site (at the time of preparing the PSI). Future users of green space (on-site). Recreational users of Rozelle Bay and Blackwattle Bay. Aquatic ecosystems such as Johnstons Creek (freshwater and marine) & Rozelle Bay and Blackwattle Bay (marine water).	Incomplete for soil as the Getex (2022) contamination study did not detect any CoPC above adopted SAC. Data gap for soil quality under Building 81 is noted. Analysis undertaken by Getex did not include PFAS. PFAS is unlikely to present an unacceptable risk at the Site based on current and likely future uses. Groundwater is not beneficially used on Site and is not present in the soil profile to the depth limit of previous investigations. Groundwater may be present in the shale bedrock. The quality of groundwater is not known. VOC contamination in groundwater could lead to vapour intrusion risks in future buildings on the Site.

Source	Media	Contaminants of concern	Contamination mechanism	Contamination depth	Transport pathways	Receptor	Status of Source-Pathway-Receptor Linkage
2. Operation of the Site by ANSTO from 1987	Soil Groundwater Vapour	Metals, hydrocarbon compounds (TRH, BTEX, PAH), solvents (VOC, SVOC), cyanides, hexavalent chromium and PFAS	Historical releases, leaks, spills and/or waste disposal to ground.	Ground surface and below infrastructure.	Direct contact with soil, groundwater and/or vapour during excavation and maintenance activities which disturb sub-surface materials or from external unsealed areas (dermal, inhalation, ingestion) Leaching from on-site soil to stormwater and groundwater and migration off-site to nearest body of water. Downward migration of contamination may be limited due to the clay and shale geology.	Current and future commercial/industrial site users (on-site). Current and future maintenance workers (on-site). Current and future ecological receptors (on-site) noting very limited exposed soil and vegetation on Site at the time of preparing the PSI. Future users of green space (on-site). Recreational users of Rozelle Bay and Blackwattle Bay. Aquatic ecosystems such as Johnstons Creek (freshwater and marine) & Rozelle Bay and Blackwattle Bay (marine water).	Incomplete for soil as the Getex (2022) contamination study did not detect any CoPC above adopted SAC. Data gap for soil quality under Building 81 is noted but storage of fuels, chemicals and waste at the Site appears to have been limited, concrete floors appeared in good condition with no staining observed. Analysis undertaken by Getex did not include PFAS. However, the likelihood of significant contamination beneath the building is considered to be low. PFAS is unlikely to present an unacceptable risk at the Site based on current and likely future uses. Groundwater is not beneficially used on Site and is not present in the soil profile to the depth limit of previous investigations. Groundwater may be present in the shale

Source	Media	Contaminants of concern	Contamination mechanism	Contamination depth	Transport pathways	Receptor	Status of Source-Pathway-Receptor Linkage
							bedrock. The quality of groundwater is not known. VOC contamination in groundwater could lead to vapour intrusion risks in future buildings on the Site.
3. Contamination associated with fill materials imported to the site to support construction and refurbishment (historically or as a result of more recent civil works)	Soil Groundwater Vapour	Heavy metals, hydrocarbon compounds (TRH, BTEX, PAH), solvents (VOC, SVOC), asbestos, PCBs and PFAS.	Placement of contaminated fill	Surface to the base of the fill material (the fill material was identified to have a maximum depth of 1.35mbgl by Getex (2022) and to a depth of 0.4 mbgl in the boreholes adjacent to the Site advanced by Douglas Partners (2020a)). Given the findings of the previous investigations, the presence of significant fill material under the Site building basement is considered unlikely.	Direct contact with soil, groundwater and/or vapour during excavation and maintenance activities which disturb sub-surface materials or from external unsealed areas (dermal, inhalation, ingestion). Leaching from on-site sources to stormwater or groundwater and migration off-site to nearest body of water. Downward migration of contamination may be limited due to the clay and shale geology.	Current and future commercial/industrial site users (on-site). Current and future construction/maintenance workers (on-site). Current and future ecological receptors (on-site) noting very limited exposed soil and vegetation on Site at the time of preparing the PSI. Future users of green space (on-site). Recreational users of Rozelle Bay and Blackwattle Bay. Aquatic ecosystems such as Johnstons Creek (freshwater and marine) & Rozelle Bay and/or Blackwattle Bay (marine).	Incomplete for soil as the Getex (2022) contamination study did not detect any CoPC above adopted SAC. Analysis undertaken by Getex did not include PFAS. PFAS is unlikely to present an unacceptable risk at the Site based on current and likely future uses. Groundwater is not beneficially used on Site and was not present in the soil profile to the depth limit of previous investigations. Groundwater may be present in the shale bedrock. The quality of groundwater is not known.

Source	Media	Contaminants of concern	Contamination mechanism	Contamination depth	Transport pathways	Receptor	Status of Source-Pathway-Receptor Linkage
4. Contamination associated with current and/or historical operations on adjoining properties	Soil Groundwater Vapour	Heavy metals, hydrocarbon compounds (TRH, BTEX, PAH), solvents (VOC, SVOC), asbestos, PCBs and PFAS. Medical wastes such as infectious wastes, chemical wastes (disinfectants and solvents), pharmaceutical wastes (expires, unused or contaminated medications and vaccines) & cytotoxic wastes.	Historical releases, leaks, spills and/or improper waste disposal.	Ground surface and below infrastructure.	Direct contact with soil, groundwater and/or vapour during excavation and maintenance activities which disturb sub-surface materials or from external unsealed areas (dermal, inhalation, ingestion) Leaching from on-site sources to stormwater or groundwater and migration off-site to nearest body of water. Downward migration of contamination may have been limited due to the clay and shale geology.	Current and future commercial/industrial site users (on-site). Current and future construction/maintenance workers (on-site). Current and future ecological receptors (on-site and off-site) noting very limited exposed soil and vegetation on Site at the time of preparing the PSI. Current and future commercial/industrial site users (off-site). Future users of green space (on-site). Recreational users of Rozelle Bay and Blackwattle Bay. Aquatic ecosystems such as Johnstons Creek (freshwater and marine) & Rozelle Bay and/or Blackwattle Bay (marine).	Incomplete for soil as the Getex (2022) contamination study did not detect any CoPC above adopted SAC. Analysis undertaken by Getex did not include PFAS. PFAS is unlikely to present an unacceptable risk at the Site based on current and likely future uses. Neighbouring medical facilities of RPA Hospital in the north, east and south have systems in place for the handling, storage and disposal of medical wastes. Groundwater is not beneficially used on Site and was not present in the soil profile to the depth limit of previous investigations. Groundwater may be present in the shale bedrock. The quality of groundwater is not known.
5. Asbestos and lead from demolition of	Soil	Asbestos and lead	Degradation and/or poor demolition	Surface up the base of the identified fill profile (the fill material was	Direct contact with soil during excavation and maintenance activities	Current and future commercial/industrial site users (on-site).	Incomplete as the investigation by Getex (2022) did not identify

Source	Media	Contaminants of concern	Contamination mechanism	Contamination depth	Transport pathways	Receptor	Status of Source-Pathway-Receptor Linkage
historical building structures within and in the immediate vicinity of the Site			practices of former building structures	identified to have a maximum depth of 1.35mbgl by Getex (2022) and to a depth of 0.4 mbgl in the boreholes adjacent to the Site advanced by Douglas Partners (2020a)). Given the findings of the previous investigations, the presence of significant fill material under the Site building basement is considered unlikely.	which disturb sub-surface materials or from external unsealed areas (inhalation, ingestion)	Current and future construction/maintenance workers (on-site). Future users of green space (on-site).	asbestos in soil at the Site. Based on the typical random distribution of asbestos contamination, it is noted that asbestos may be present in locations not previously tested including under the building floor. Additionally, assessment of asbestos contamination utilising samples collected from boreholes is limiting.

8. Assessment

8.1 Soil contamination risks

The Site and immediate surroundings have a long history of use for industrial and health infrastructure purposes. The industrial activity appears to include mechanical, electrical and metal workshops. Details of the activities performed and associated storage and use of chemicals, fuels and waste are not available. Therefore, there is a potential risk of soil contamination associated with these historical activities. Fill material is also present on Site. Depending on the source of the fill, this material can also contain contaminants. Based on soil investigations at the Site, the depth of this fill material appears to be limited to 1.35 mbgl and therefore the presence of significant fill material under the Site building basement appears unlikely.

Apart from radionuclides, the risk of soil contamination at the Site from the ANSTO activities is considered to be low. The majority of activities occurred within the building. Fuel, waste and chemical storage was limited and housekeeping practices appeared to be strong. No staining or significant cracks in floor slabs were identified during the Site walkover. A bunded AST for diesel supply to the standby power generator is present on the first floor of the building. No underground storage tanks (USTs) are present at the Site and no evidence of USTs were observed in the immediate surrounding of the Site.

Soil testing around the Site building by Getex (2022) did not identify any significant contamination based on screening of the analytical results against assessment criteria for commercial / industrial land use. The concentration of Carcinogenic PAHs (as BaP TEQ) in one sample was well below the adopted site assessment criteria for commercial / industrial use. However, comparison by Jacobs found the concentration slightly exceeded the ASC NEPM health investigation level for public open space land use. Getex did not calculate the 95% UCL 95 of the mean concentration. The UCL 95 mean concentrations determined by Jacobs was below the health investigation level for public open space and therefore the reported concentrations do not indicate an unacceptable human health risk for this land use.

The investigation conducted by Douglas Partners (2020) included two boreholes in the property immediately south of the Site. The results of soil testing also found no contaminants above site assessment criteria for both commercial / industrial and public open space / recreational use. The only exception was Carcinogenic PAHs (as BaP TEQ) in one soil sample which exceeded the adopted guideline value for public open space use but was below the guideline value for commercial / industrial use.

It is noted that no soil sampling has been conducted under the building and this is a data gap. Furthermore, the analysis of soil samples undertaken by Getex did not include cyanide or PFAS. As noted in Section 2.2.1, small amounts of cyanide containing waste liquor and a small scale electroplating operation (baths of ~ 100mL) occurred in a laboratory on the ground floor. Given the amount of cyanide containing waste stored, the storage on a concrete floor and the general housekeeping practices at the Site, the risk of cyanide contamination in underlying soil is considered low. While no specific PFAS sources were identified through this PSI, PFAS may be present in waste or uncontrolled fill material. PFAS, if present, are unlikely to present an unacceptable risk to human health for commercial / industrial or public open space land uses.

8.2 Groundwater contamination risks

Groundwater was not encountered within the soil profile in the Getex (2022) investigation which included boreholes advanced to 5 mbgl. Groundwater was also not encountered in the soils during the Douglas Partners (2020) investigation just south of the Site. A monitoring well installed with screening in the shale bedrock by Douglas Partners just south of the Site had a standing water level of 28.9 m RL and 30.2 m RL (approximately 4.5 mbgl).

Considering the local geology, specifically the Ashfield Shale, the groundwater in the fractured rock aquifer beneath the Site is expected to be saline and produce low yields. In addition, Ashfield Shale is known to have

limited ability to transmit water and often acts as an aquitard. The Site is also within a heavily urbanised area with potable water reticulation. Therefore, beneficial use of the groundwater is considered highly unlikely.

While there is no current data available on groundwater quality, unacceptable risks associated with groundwater contamination are considered unlikely. Furthermore, the decommissioning and demolition of the Site is unlikely to intersect with groundwater.

Further assessment of groundwater (with respect to vapour intrusion) may be required if buildings are developed on the Site in the future. This development would likely require consent and the proponent would be required to demonstrate the land is suitable for the proposed development under State Environmental Planning Policy (Resilience and Hazards) 2021.

8.3 Vapour contamination risks

The reported concentrations of volatile compounds in soil for both the Getex (2022) and Douglas Partners (2020) investigations were screened against health screening levels for vapour intrusion with no exceedances identified. No elevated concentrations of VOCs were reported in samples subject to headspace screening.

While soil quality underneath the Site building and groundwater quality is not known, the risk for vapour intrusion to the current Site building is considered to be low given soil quality around the building, geological conditions and depth to groundwater. Additionally, there were no reported use and/or storage of large quantities of solvents associated with operations undertaken by ANSTO.

No unacceptable vapour risks are likely for the future use of the Site as public open space. Further assessment of vapour may be required if buildings are developed on the Site in the future. This development would likely require consent and the proponent would be required to demonstrate the land is suitable for the proposed development under State Environmental Planning Policy (Resilience and Hazards) 2021.

9. Conclusions and recommendations

This Preliminary Site Investigation has identified a range of historical industrial activities at the Site and in the surrounding area that may have caused soil and groundwater contamination. However, an investigation at the Site by Getex (2022) and immediately south of the Site by Douglas Partners (2020) did not identify any soil contamination that may present a risk for ongoing commercial or industrial use of the Site. Minor concentrations of Carcinogenic PAHs (as BaP TEQ) exceeding the ASC NEPM guideline for public open space use were identified in one soil sample at the Site and one soil sample just south of the Site. However, calculation of the 95% UCL based on all of the samples analysed determined no unacceptable risk for this land use. It is noted that there is no current data available on soil quality beneath the Site building.

There is no data available on groundwater quality. However, groundwater was not encountered in fill or soils at the Site to the depth limit of previous investigations. A groundwater well installed in the shale bedrock by Douglas Partners (2020) just south of the Site had a standing water level of 28.9 m RL and 30.2 m RL (approximately 4.5 mbgl). Based on the depth of the basement level of the existing building, groundwater is unlikely to be intersected during decommissioning and demolition works at the Site.

Groundwater contamination (if present) is considered unlikely to present an unacceptable risk for the current use of the Site or for future use for public open space. Further assessment of groundwater and vapour risk may be required if buildings are developed on the Site in the future. This development would likely require consent and the proponent would be required to demonstrate the land is suitable for the proposed development under State Environmental Planning Policy (Resilience and Hazards) 2021.

Based on the findings of this PSI and the activities and land use proposed for the Site, Jacobs makes the following recommendations:

1. The Construction Environmental Management Plan for the decommissioning and demolition work should include an Unexpected Finds Protocol in case asbestos materials or other indications of soil contamination are encountered. Assessment of the conditions by a suitably qualified occupational hygienist (for asbestos) or environmental consultant (for contamination) should be part of this protocol.

2. Once decommissioning and demolition design progresses and the scope and extent of ground disturbance works are defined, a Sampling and Analysis Quality Plan (SAQP) should be prepared to guide a Detailed Site Investigation (DSI). The purpose of the investigation is to assess fill material and soil quality under the building where sampling by Getex (2022) was not undertaken. The DSI should including testing and assessment of the soil under the building for non-radionuclide contaminants. The SAQP should consider analysis for metals, hydrocarbons (TRH, BTEX, PAH), solvents (VOC, SVOC), cyanide, asbestos, PCBs and PFAS.

3. Based on the results of the DSI and a risk assessment, soil that presents an unacceptable risk based on the future use of the Site for public open space may need to be remediated or managed appropriately.

4. Fill material and soil to be excavated and removed from the Site will need to be tested and classified in accordance with NSW EPA guidelines prior to disposal off-site to a licensed facility.

5. Fill material imported to the Site as part of the restoration should be certified as Virgin Excavated Natural Material in accordance with Schedule 1 of the Protection of the Environment Operations Act or meet the requirements of the Excavated Natural Material Order 2014.

Internal technical review of this report was conducted by:

Michael Stacey

Principal Environmental Scientist, Certified Environmental Practitioner – Site Contamination (SC41193)

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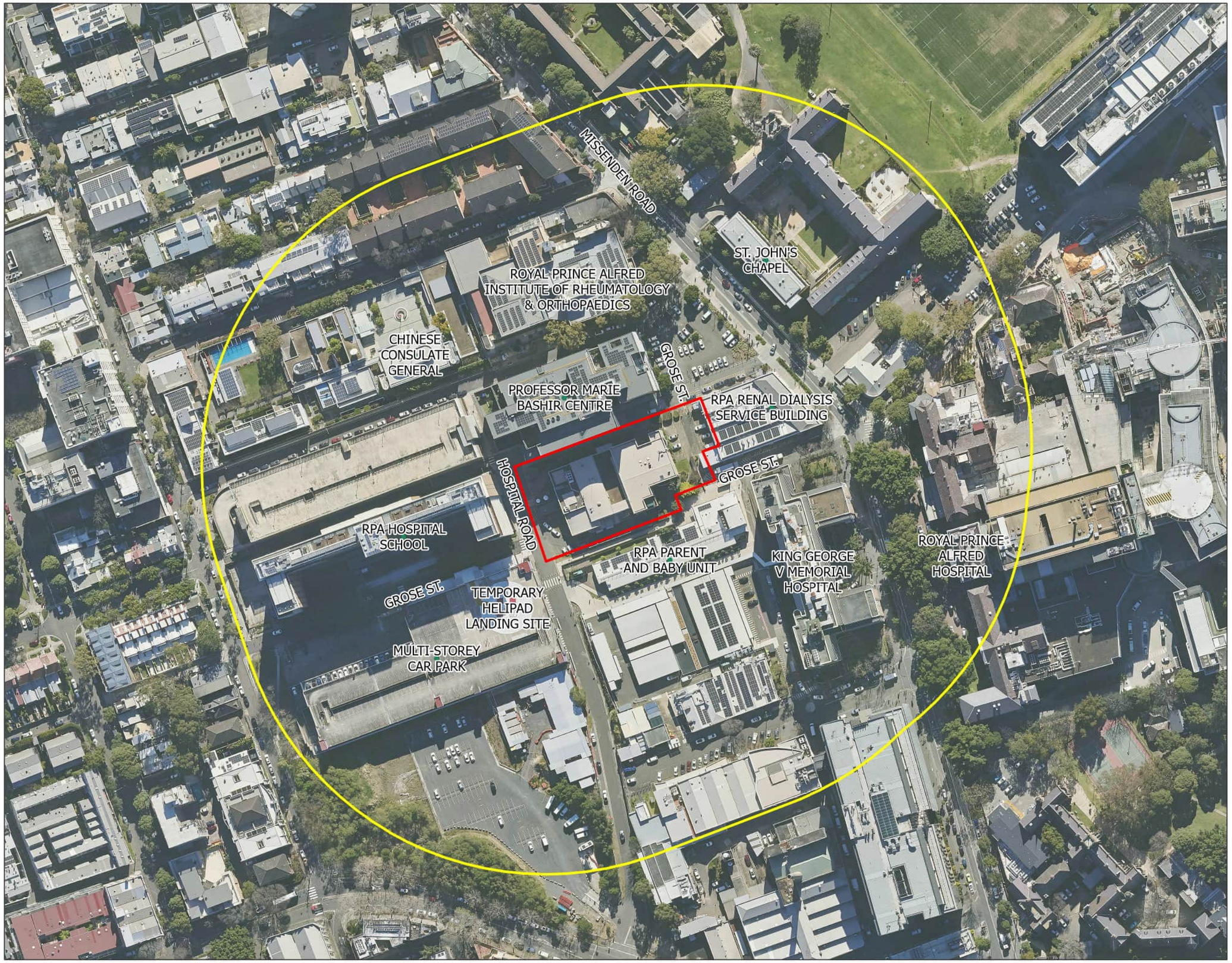
Appendix A. Figures

Figure 01: The Site and its immediate vicinity



LEGEND

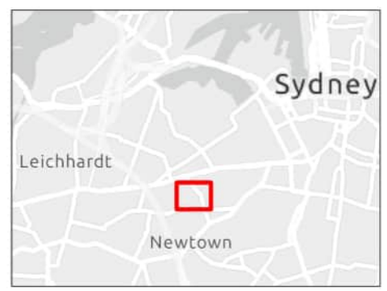
- Approximate Site Boundary
- 150m buffer

0 25 50
Meters

N

A3 1:1,750

GDA2020 MGA Zone 56



Jacobs

IS530900 CAMPERDOWN PSI

Data Sources: Royal Prince Alfred Hospital Redevelopment, Jacobs; Imagery Sources: Metromap

Figure 02: Site Boundary

LEGEND

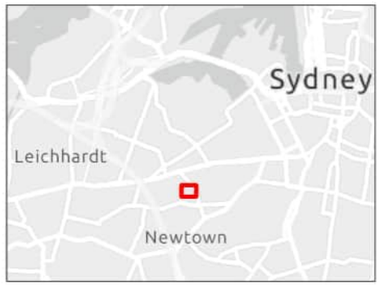
Approximate Site Boundary

0 10 20
Meters

N

A3 1:750

GDA2020 MGA Zone 56

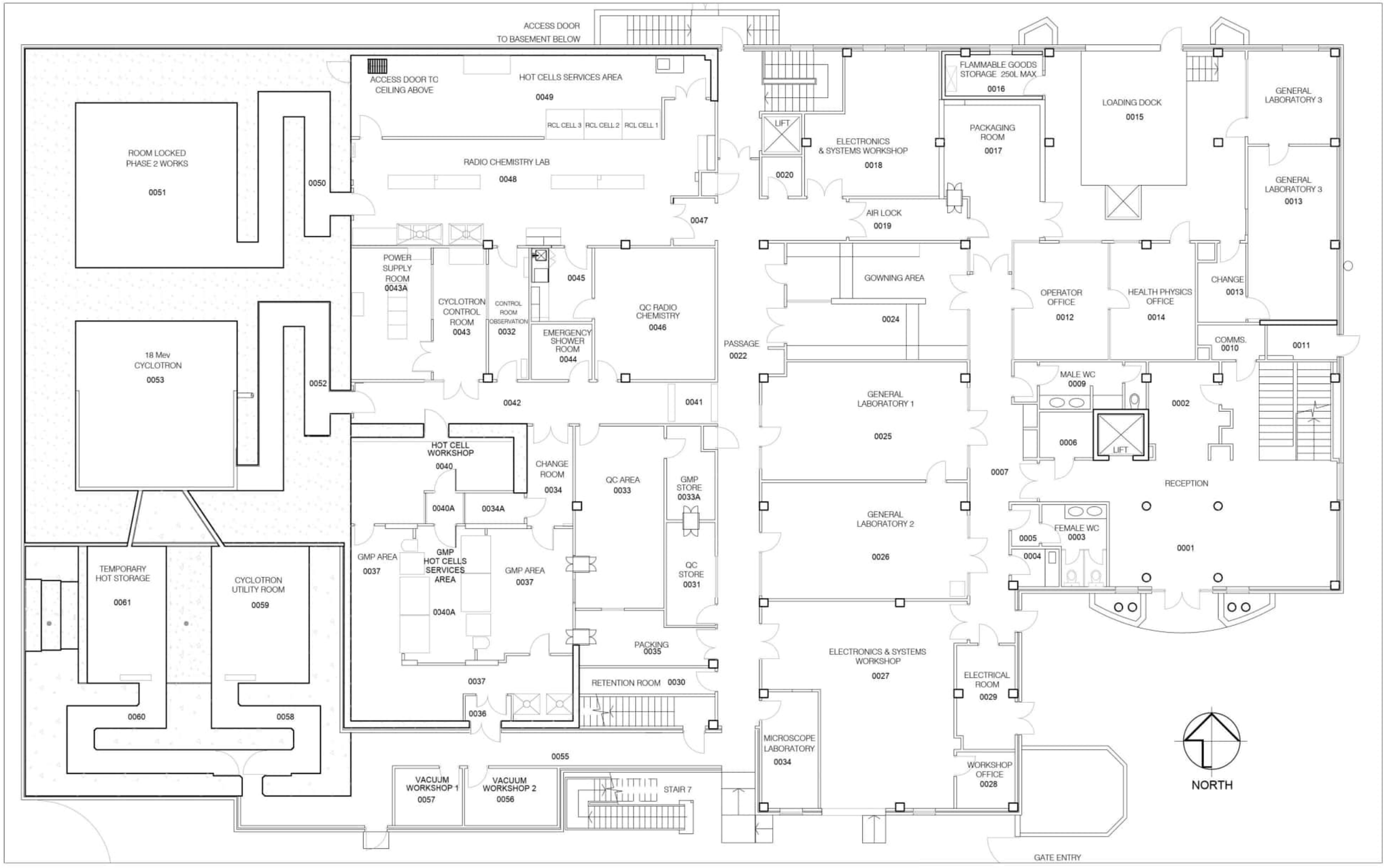


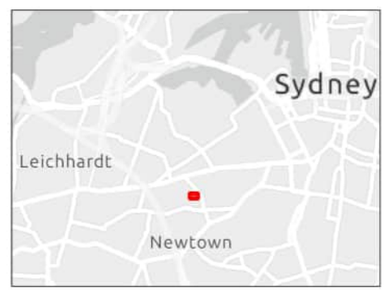
Jacobs

IS530900 CAMPERDOWN PSI

Data Sources: Geosciences Australia (2006); Jacobs;
Imagery Sources: Metromap

Figure 03: NRCF Building Ground Floor Layout

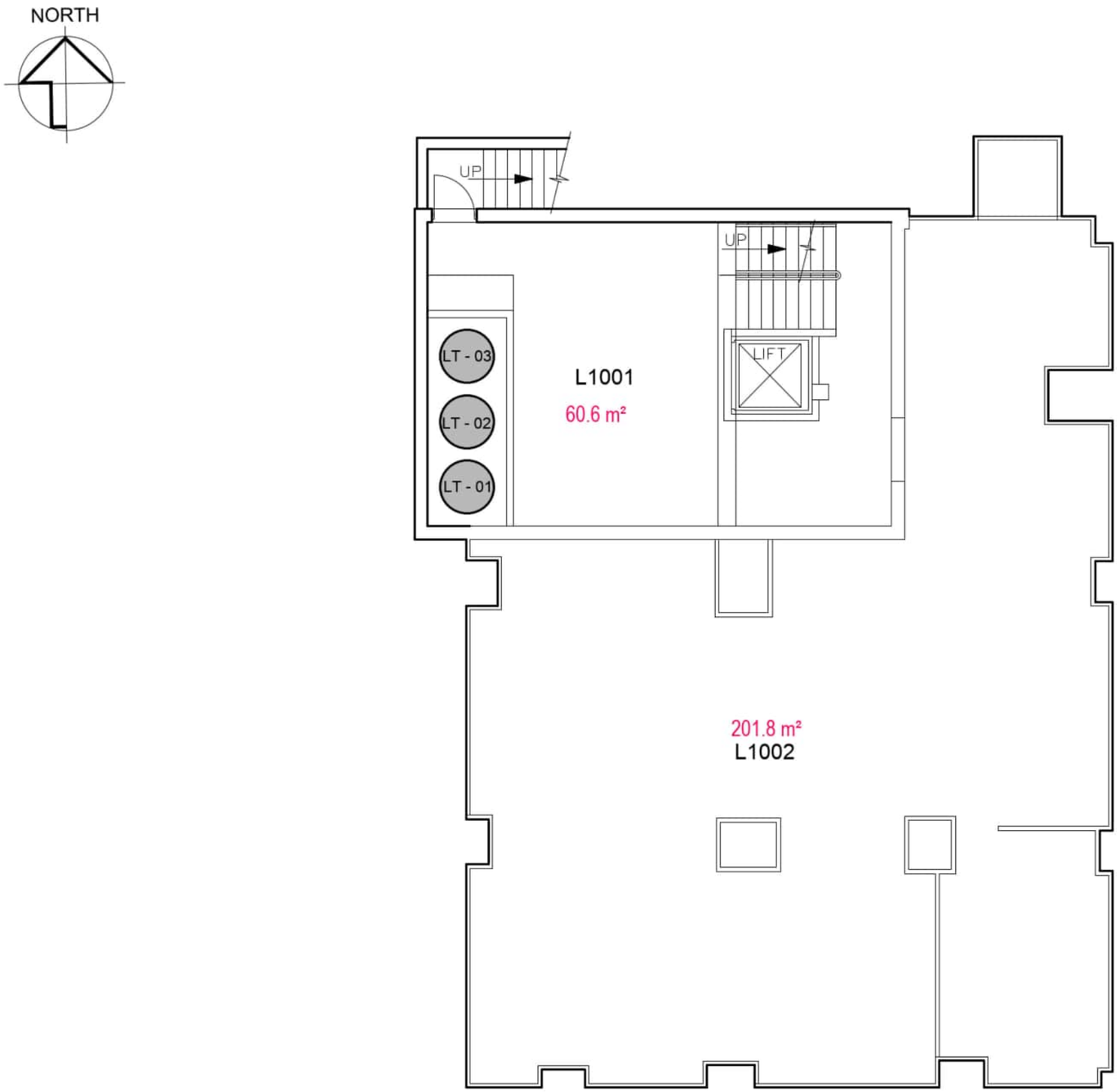


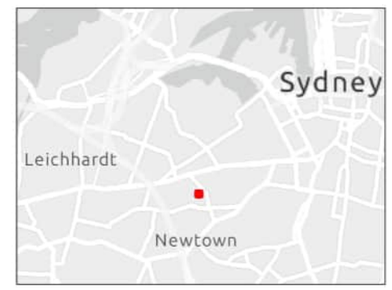


Jacobs

Data Sources: ANSTO;

Figure 04: NRCF Building Basement Floor Layout

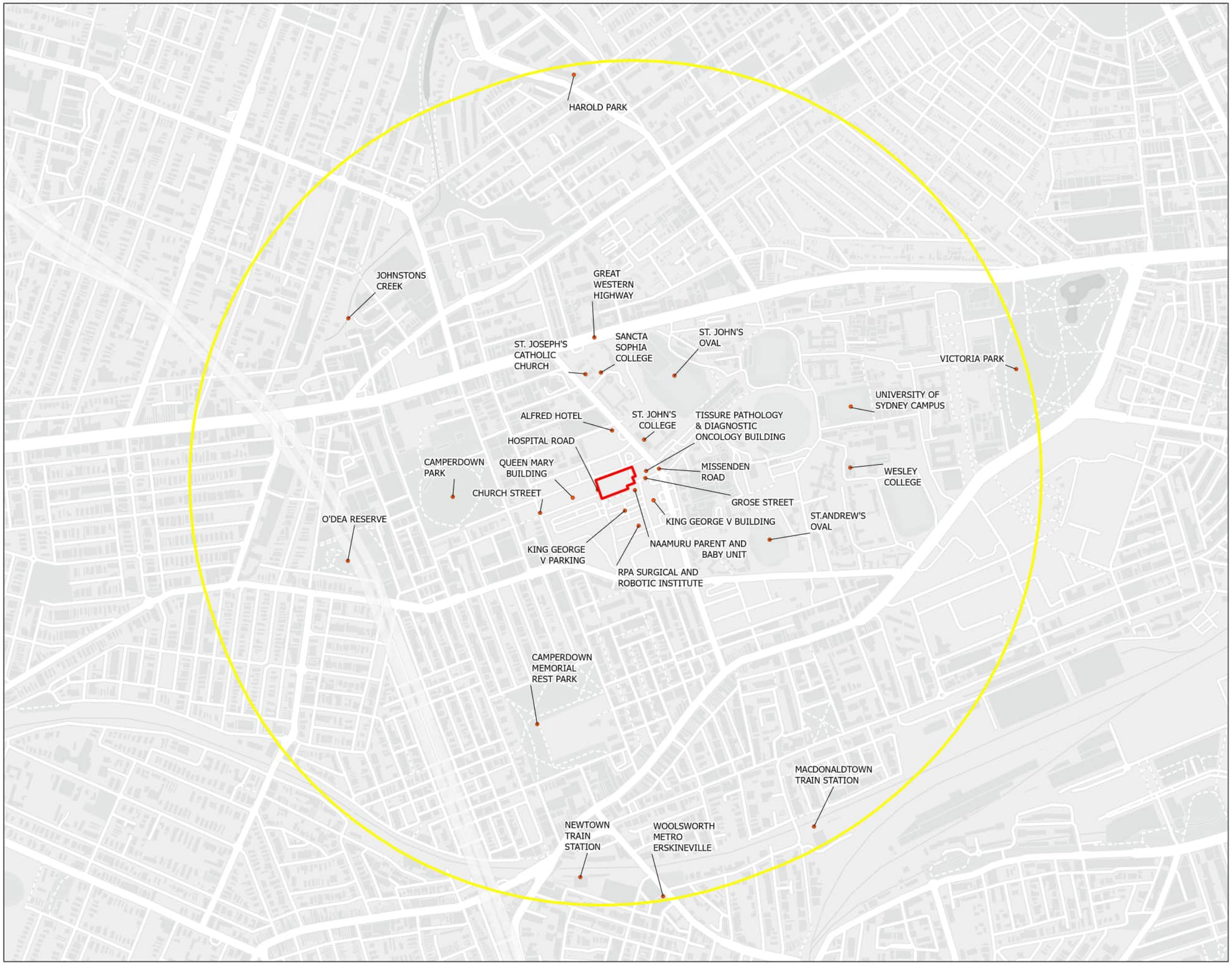




Jacobs

Data Sources: ANSTO;

Figure 05: Surrounding land uses and locality map of Camperdown, Sydney NSW



LEGEND

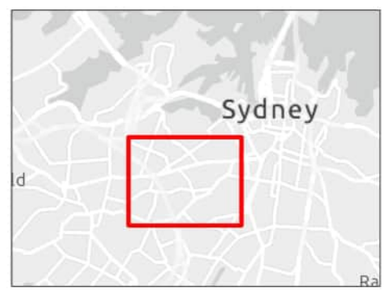
- Placemarks
- Approximate Site Boundary
- 1 kilometer buffer

0 100 200
Meters

N

A3 1:9,000

GDA2020 MGA Zone 56



Jacobs

IS530900 CAMPERDOWN PSI

Data Sources: Royal Prince Alfred Hospital Redevelopment; Jacobs; Imagery Sources: Metromap

\\AUSYD0VS01\GISProj\NSW_IS530900_CamperdownPSI\Apps\ArcPro\Figures\IS530900_CamperdownPSI_Figures\IS530900_CamperdownPSI_Figures.aprx/IS530900_CamperdownPSI_Figure5_Landuses | Date: 20/08/2025

Figure 06: Topography and surface water drainage

LEGEND

- Watercourse
- Approximate Site Boundary
- Water Area
- 1 kilometer buffer

Contours (2 meters interval)

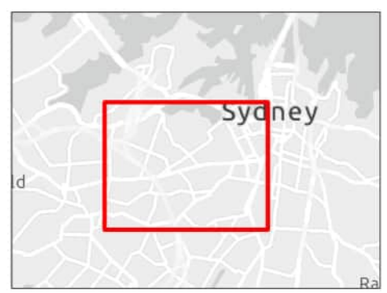
- Major
- Minor

0 200 400
Meters

N

A3 1:13,000

GDA2020 MGA Zone 56

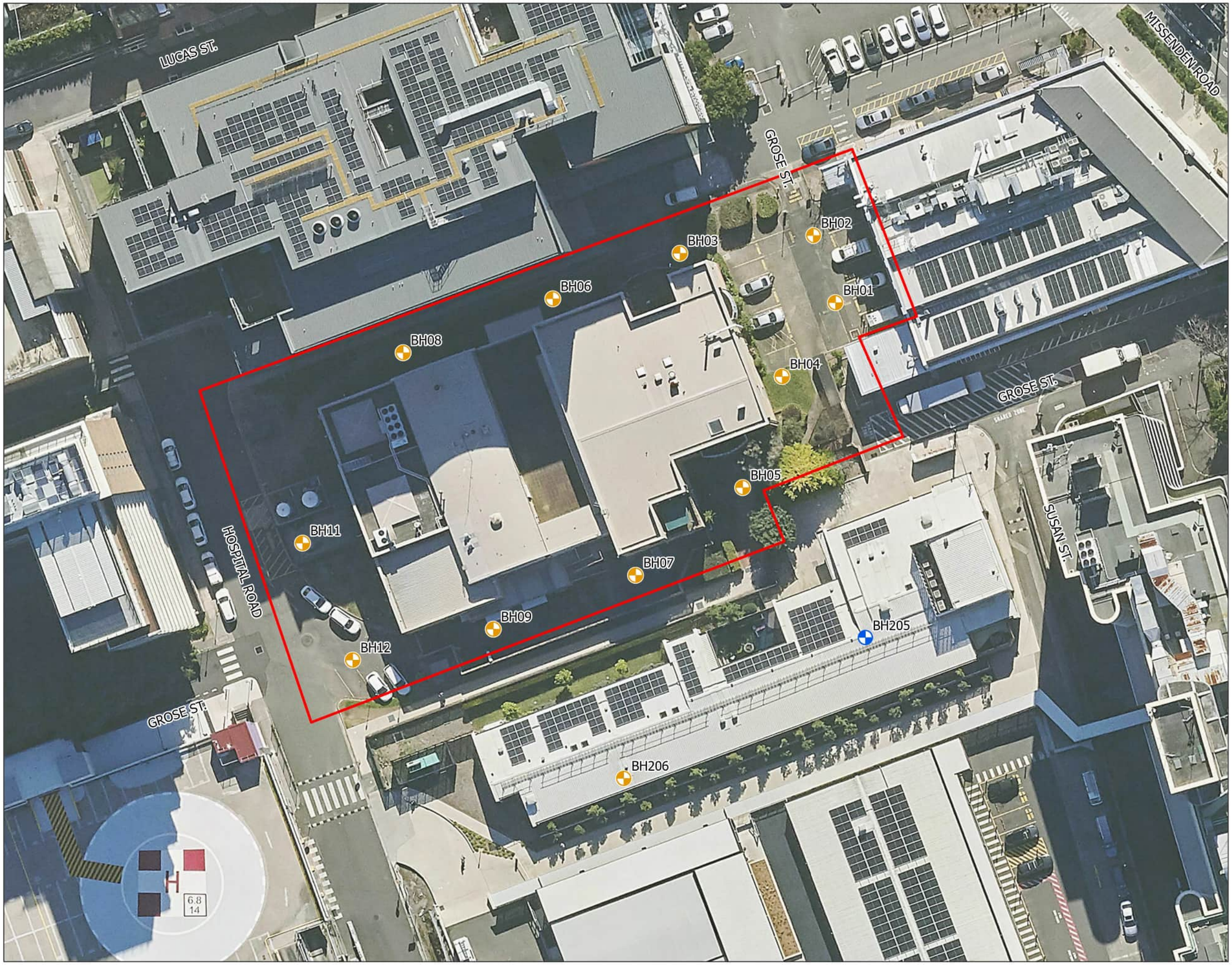


Jacobs

IS530900 CAMPERDOWN PSI

Data Sources: Jacobs; NSW Spatial Services; Imagery Sources: Metromap

Figure 7: Historical sampling locations



LEGEND

- Approximate Site Boundary
- Borehole
- Groundwater Monitoring Well

Name	Source	Date	Depth (m)
BH01	GETEX	17/03/2022	2.25
BH02	GETEX	17/03/2022	2.3
BH03	GETEX	17/03/2022	2.7
BH04	GETEX	17/03/2022	5
BH05	GETEX	17/03/2022	2
BH06	GETEX	17/03/2022	2.1
BH07	GETEX	17/03/2022	5
BH08	GETEX	17/03/2022	5
BH09	GETEX	17/03/2022	2.15
BH11	GETEX	17/03/2022	5
BH12	GETEX	17/03/2022	5
BH205	DOUGLAS PARTNERS	13/07/2020	15
BH206	DOUGLAS PARTNERS	14-15/07/2020	17

0 10 20
Meters

N

A3 1:500

GDA2020 MGA Zone 56

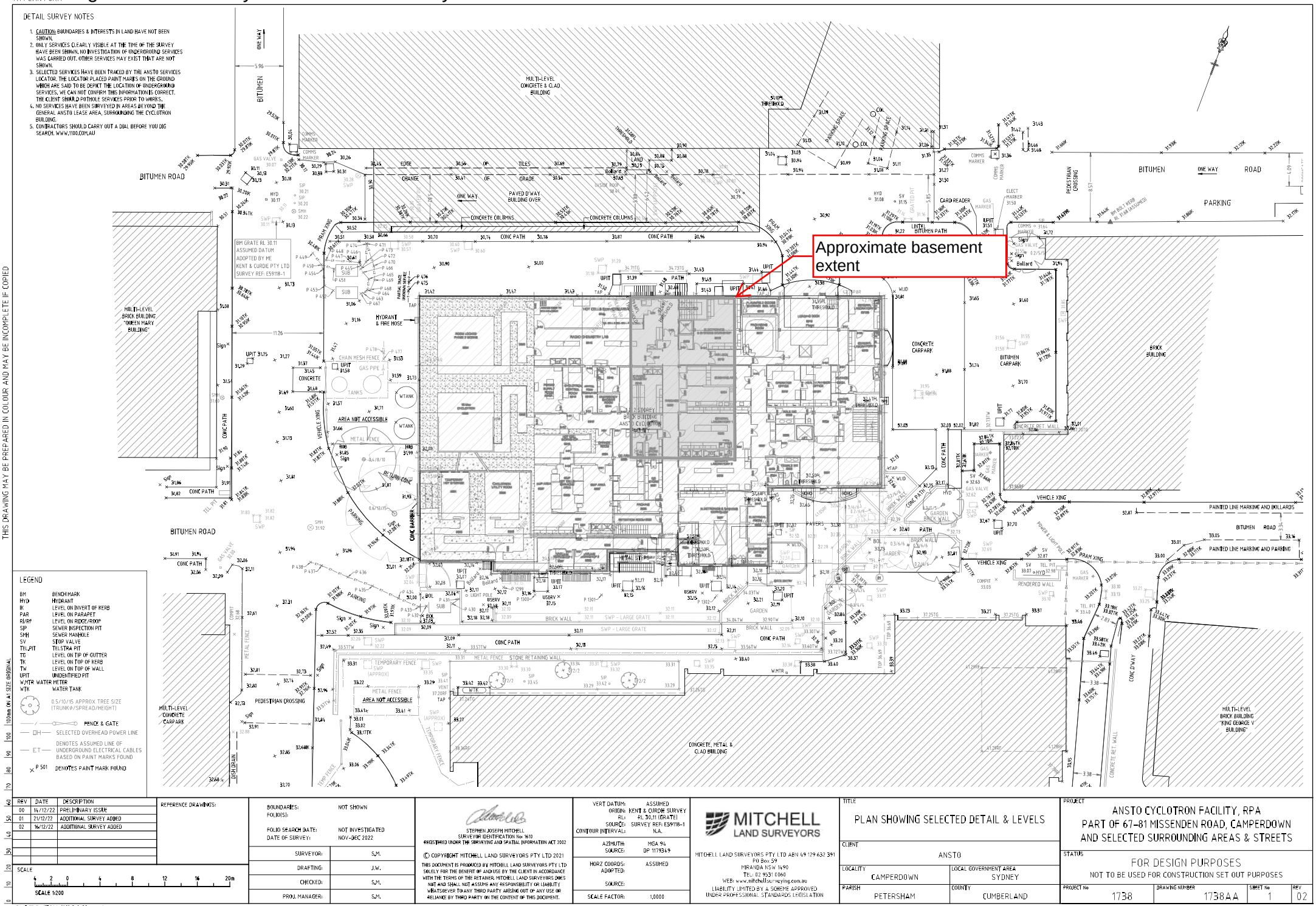
Jacobs

IS530900 CAMPERDOWN PSI

Data Sources: Getex; Douglas Partner; Royal Prince Alfred Hospital Redevelopment; Imagery Sources: Metromap

\\AUSYD0VS01\GISProj\NSW_IS530900_CamperdownPSI\Apps\ArcPro\Figures\IS530900_CamperdownPSI_Figures\IS530900_CamperdownPSI_Figures.aprx/IS530900_CamperdownPSI_Figure7_Sampling | Date: 20/08/2025

Figure 8: Site Survey with basement overlay



Appendix B. Photolog

Project Site:	ANSTO NRCF Camperdown Facility
Location:	81 Missenden Road, Camperdown NSW 2050
Date:	Photos 1 – 6 taken on 10 May 2025, remaining photos taken on 2 July 2025, except where noted

Photograph 1: A view of the western and northern side Building 81, NRCF (the Site) across Hospital Road. The Site features two pressurised aboveground storage tanks (ASTs) containing liquid nitrogen and two electrical utility enclosures at the southwestern corner of the building. The ASTs are for an adjacent property and not used by ANSTO.
Photo Direction: East

Photograph 2: The Site's eastern side as seen from Grose Street. On this side, there are several designated parking slots for NRCF employees.
Photo direction: South

Photograph 3: **Enclosure for the gas meter (left) and water meter (right) station at the east side of the building. Both doors are secured with padlock and signages posted.**
Photo direction: **Northeast**

Photograph 4: **Main entrance of the NRCF at the southeast corner of the building.**
Photo direction: **North**

Photograph 5: **The facade of Building 81. Large steel grates (drainage) fronting the brick fence.**
Photo direction: **West**

Photograph 6: **The western side of Building 81. The taller building on the left is RPA Hospital's Professor Marie Bashir Centre. Water observed pooling near the sewer cover.**
Photo direction: **Northeast**

Photograph 7: **An access steel door at the southeastern corner going to the fenced area south of the building. Signages of flammable gas and non-flammable, non-toxic gas are posted in front of the door.**
Photo direction: **West**

Photograph 8: **The IBA 18MeV cyclotron housed in Room 0053.**
Photo direction: **North**

Photograph 9: **Flammable and non-flammable gas cylinders secured in chains inside the fenced area at the south side of the building.**
Photo direction: **East**

Photograph 10: **Stairs leading to the basement of Building 81. A large steel grate is located at the landing area and a signage that cautions about the potential for flooding. The steel grate is for a sump to pump out stormwater.**
Photo direction: **South**

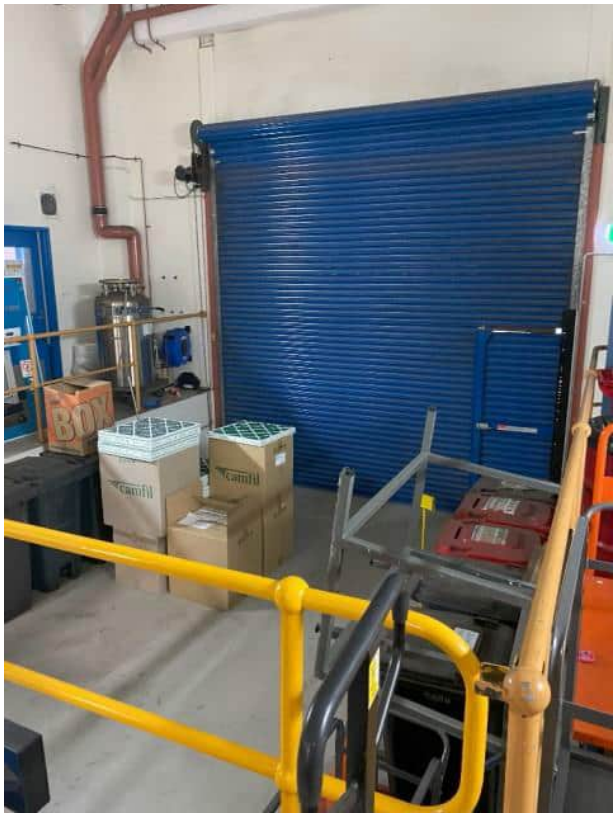
Photograph 11: **Bunded trade waste collection system located at the basement.**
Photo direction: **Not applicable**

Photograph 12: **A cabinet used for storing flammable chemicals observed at the basement of the building.**
Photo direction: **Not applicable**

Photograph 13: **A chemicals cabinet for corrosive chemicals at the basement of the building. An eye washing station is adjacent to the cabinet in case of emergency.**

Photo direction: **Not applicable**

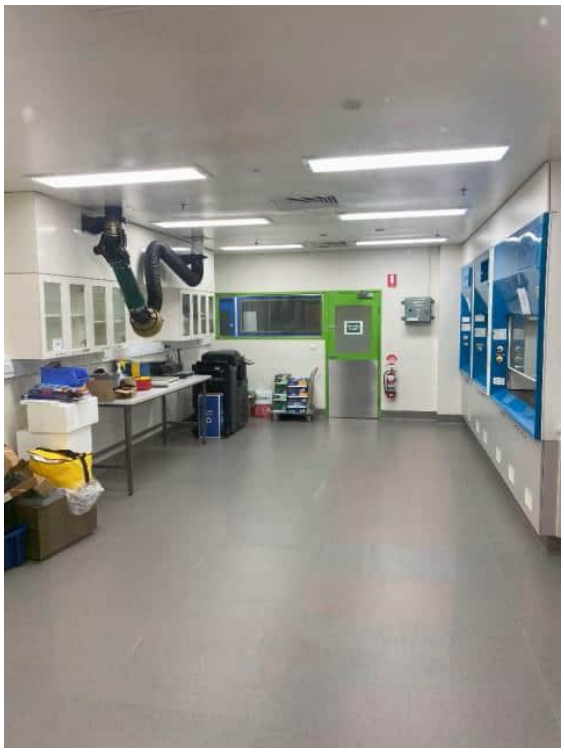
Photograph 14: **Drainage steel cover and steel grates at the northern side of the building. The cover close to the façade is to enable access to the basement for bulky items.**
Photo direction: **East**



Photograph 15: **Loading dock on ground floor. A ceiling mounted crane was also present but not shown in the photo.**
Photo direction: **North**

Photograph 16: **Example photo of basement floor. Drums are used to store solid waste PPE.**
Photo direction: **Not applicable**

Photograph 17: **Process unit on ground floor. Lead bricks are used around the unit.**
Photo direction: **Not applicable**



Photograph 18: **Typical laboratory room on ground floor**
Photo direction: **Not applicable**

Photograph 19: Standby generator on first floor with above ground storage tank in background (photo supplied by ANSTO)
Photo direction: Not applicable

Photograph 20: Diesel above ground storage tank for standby generator (photo supplied by ANSTO)
Photo direction: Not applicable

Appendix C. Pro UCL output for the determination of the 95% UCL for Carcinogenic PAHs (as BaP TEQ)

UCL Statistics for Uncensored Full Data Sets

User Selected Options	
Date/Time of Computation	ProUCL 5.2 27/07/2025 11:01:41 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Carcinogenic PAHs (as BaP TEQ)

General Statistics

Total Number of Observations	21	Number of Distinct Observations	3
		Number of Missing Observations	0
Minimum	0.5	Mean	0.7
Maximum	4.5	Median	0.5
SD	0.872	Std. Error of Mean	0.19
Coefficient of Variation	1.245	Skewness	4.564

Normal GOF Test

Shapiro Wilk Test Statistic	0.243	Shapiro Wilk GOF Test
1% Shapiro Wilk Critical Value	0.873	Data Not Normal at 1% Significance Level
Lilliefors Test Statistic	0.495	Lilliefors GOF Test
1% Lilliefors Critical Value	0.219	Data Not Normal at 1% Significance Level

Data Not Normal at 1% Significance Level

Assuming Normal Distribution

95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	1.028	95% Adjusted-CLT UCL (Chen-1995)	1.215
		95% Modified-t UCL (Johnson-1978)	1.06

Gamma GOF Test

A-D Test Statistic	7.176	Anderson-Darling Gamma GOF Test
5% A-D Critical Value	0.752	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.516	Kolmogorov-Smirnov Gamma GOF Test
5% K-S Critical Value	0.191	Data Not Gamma Distributed at 5% Significance Level

Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	2.471	k star (bias corrected MLE)	2.149
Theta hat (MLE)	0.283	Theta star (bias corrected MLE)	0.326
nu hat (MLE)	103.8	nu star (bias corrected)	90.28
MLE Mean (bias corrected)	0.7	MLE Sd (bias corrected)	0.477
		Approximate Chi Square Value (0.05)	69.37
Adjusted Level of Significance	0.0383	Adjusted Chi Square Value	67.96

Assuming Gamma Distribution

95% Approximate Gamma UCL	0.911	95% Adjusted Gamma UCL	0.93

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.274	Shapiro Wilk Lognormal GOF Test
10% Shapiro Wilk Critical Value	0.923	Data Not Lognormal at 10% Significance Level
Lilliefors Test Statistic	0.504	Lilliefors Lognormal GOF Test
10% Lilliefors Critical Value	0.173	Data Not Lognormal at 10% Significance Level

Data Not Lognormal at 10% Significance Level

Lognormal Statistics

Minimum of Logged Data	-0.693	Mean of logged Data	-0.572
Maximum of Logged Data	1.504	SD of logged Data	0.481

Assuming Lognormal Distribution

95% H-UCL	0.783	90% Chebyshev (MVUE) UCL	0.835
95% Chebyshev (MVUE) UCL	0.928	97.5% Chebyshev (MVUE) UCL	1.057
99% Chebyshev (MVUE) UCL	1.311		

Nonparametric Distribution Free UCL Statistics

Data do not follow a Discernible Distribution

Nonparametric Distribution Free UCLs

95% CLT UCL	1.013	95% BCA Bootstrap UCL	N/A

72				95% Standard Bootstrap UCL	N/A				95% Bootstrap-t UCL		N/A	
73				95% Hall's Bootstrap UCL	N/A				95% Percentile Bootstrap UCL		N/A	
74				90% Chebyshev(Mean, Sd) UCL	1.271				95% Chebyshev(Mean, Sd) UCL		1.529	
75				97.5% Chebyshev(Mean, Sd) UCL	1.888				99% Chebyshev(Mean, Sd) UCL		2.593	
76												
77					Suggested UCL to Use							
78				95% Student's-t UCL	1.028							
79												
80	The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.											
81	Please verify the data were collected from random locations.											
82	If the data were collected using judgmental or other non-random methods,											
83	then contact a statistician to correctly calculate UCLs.											
84												
85	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
86	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
87	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
88												

Appendix D. Lotsearch Report

LOTSEARCH

LOTSEARCH ENVIRO PROFESSIONAL

Date: 27 May 2025 08:41:30

Reference: LS083003 EP

Address: 81 Missenden Road, Camperdown, NSW 2050

Dataset Listing

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

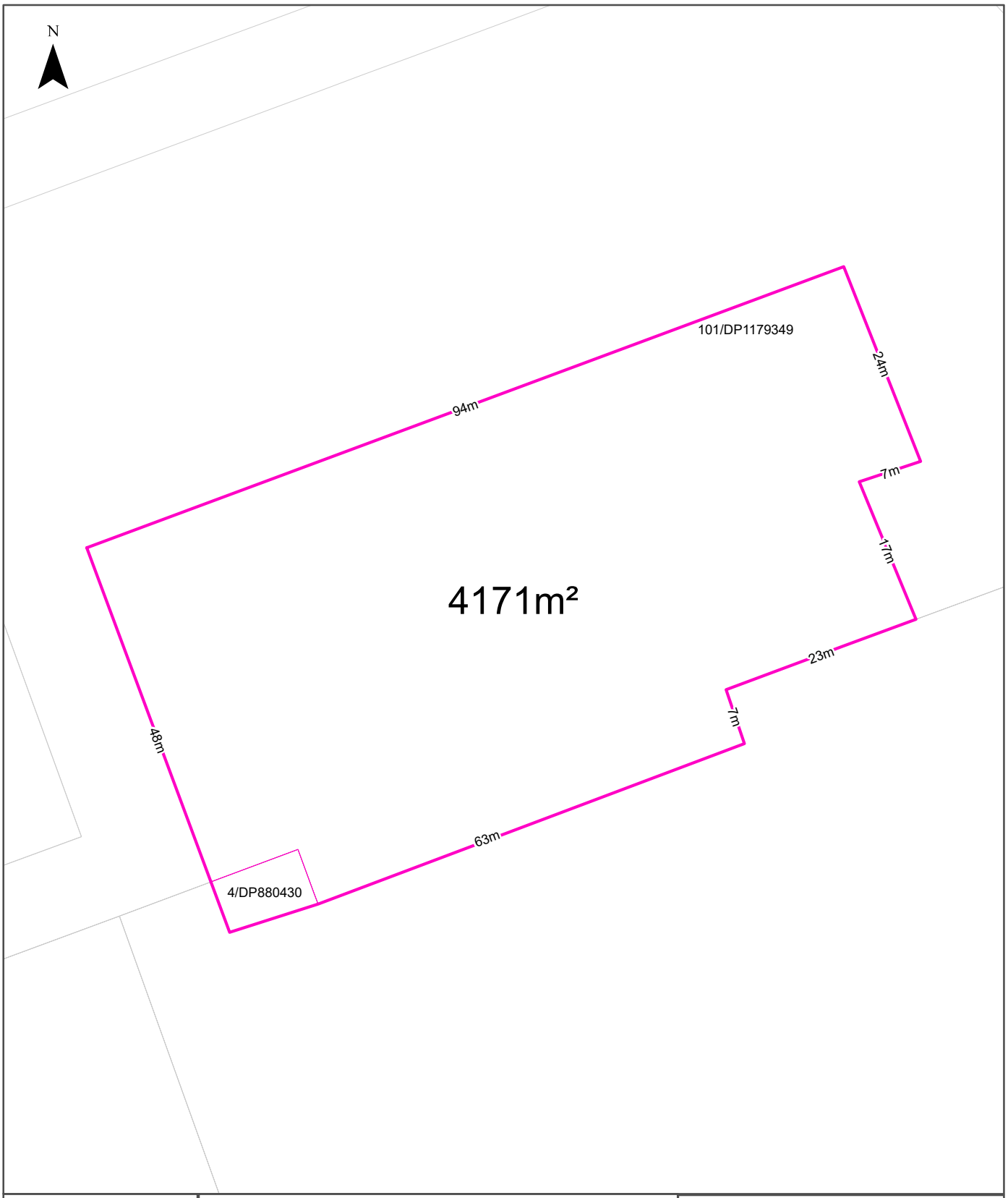
Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	NSW Department of Customer Service - Spatial Services	21/05/2025	21/05/2025	Monthly	-	-	-	-
Topographic Data	NSW Department of Customer Service - Spatial Services	20/05/2025	20/05/2025	Annually	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority NSW	07/05/2025	09/04/2025	Monthly	1000m	0	0	8
Contaminated Land Records of Notice	Environment Protection Authority NSW	12/05/2025	12/05/2025	Monthly	1000m	0	0	3
Former Gasworks	Environment Protection Authority NSW	20/05/2025	15/05/2025	Quarterly	1000m	0	0	0
Notices under the POEO Act 1997	Environment Protection Authority NSW	28/04/2025	28/04/2025	Monthly	1000m	0	0	2
National Waste Management Facilities Database	Geoscience Australia	29/04/2024	29/11/2022	Annually	1000m	0	0	0
National Liquid Fuel Facilities	Geoscience Australia	16/10/2024	19/01/2023	Annually	1000m	0	0	2
EPA PFAS Investigation Program	Environment Protection Authority NSW	28/04/2025	05/02/2025	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Investigation Sites	Australian Department of Defence	07/04/2025	28/10/2024	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Australian Department of Defence	07/04/2025	28/10/2024	Monthly	2000m	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	07/04/2025	07/04/2025	Monthly	2000m	0	0	0
Defence Controlled Areas	Australian Department of Defence	10/04/2025	10/04/2025	Quarterly	2000m	0	0	0
Defence 3 Year Regional Contamination Investigation Program	Australian Department of Defence	18/02/2025	02/09/2022	Quarterly	2000m	0	0	0
National Unexploded Ordnance (UXO)	Australian Department of Defence	10/04/2025	10/04/2025	Quarterly	2000m	0	0	0
EPA Other Sites with Contamination Issues	Environment Protection Authority NSW	28/11/2024	15/12/2022	Annually	1000m	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority NSW	15/05/2025	15/05/2025	Monthly	1000m	0	0	2
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority NSW	15/05/2025	15/05/2025	Monthly	1000m	1	2	4
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority NSW	15/05/2025	15/05/2025	Monthly	1000m	0	0	6
UBD Business Directories (Premise & Intersection Matches)	Hardie Grant			Not required	100m	33	186	186
UBD Business Directories (Road & Area Matches)	Hardie Grant			Not required	100m	-	5	5
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	250m	0	25	99
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	250m	-	8	8
Points of Interest	NSW Department of Customer Service - Spatial Services	19/05/2025	19/05/2025	Quarterly	1000m	0	5	127
Tanks (Areas)	NSW Department of Customer Service - Spatial Services	19/05/2025	19/05/2025	Quarterly	1000m	0	0	0
Tanks (Points)	NSW Department of Customer Service - Spatial Services	19/05/2025	19/05/2025	Quarterly	1000m	0	0	0
Major Easements	NSW Department of Customer Service - Spatial Services	20/05/2025	20/05/2025	Quarterly	1000m	0	0	7
State Forest	Forestry Corporation of NSW	18/12/2024	11/11/2024	Annually	1000m	0	0	0
Hydrogeology Map of Australia	Geoscience Australia	22/04/2025	19/08/2019	Annually	1000m	1	1	1

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Temporary Water Restriction (Botany Sands Groundwater Source) Order 2024	NSW Department of Climate Change, Energy, the Environment and Water	13/05/2025	28/06/2024	Quarterly	1000m	0	0	0
National Groundwater Information System (NGIS) Boreholes	Bureau of Meteorology; Water NSW	28/05/2024	20/06/2023	Annually	2000m	0	0	83
NSW Seamless Geology Single Layer: Rock Units	NSW Department of Primary Industries and Regional Development	19/05/2025	16/04/2024	Annually	1000m	1	1	3
NSW Seamless Geology Single Layer: Geological Boundaries and Faults	NSW Department of Primary Industries and Regional Development	19/05/2025	16/04/2024	Annually	1000m	0	0	0
NSW Seamless Geology Single Layer: Trendlines	NSW Department of Primary Industries and Regional Development	19/05/2025	16/04/2024	Annually	1000m	0	0	0
NSW Seamless Geology Single Layer: Fold Axes	NSW Department of Primary Industries and Regional Development	19/05/2025	16/04/2024	Annually	1000m	0	0	0
Naturally Occurring Asbestos Potential	NSW Department of Primary Industries and Regional Development	05/05/2025	30/09/2015	Annually	1000m	0	0	0
Atlas of Australian Soils	Australian Bureau of Agriculture and Resource Economics and Sciences (ABARES)	15/01/2025	17/02/2011	Annually	1000m	1	1	2
Soil Landscapes of Central and Eastern NSW	NSW Department of Climate Change, Energy, the Environment and Water	18/12/2024	27/07/2020	Annually	1000m	1	1	3
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Housing and Infrastructure	19/05/2025	28/02/2025	Monthly	500m	1	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	15/01/2025	21/02/2013	Annually	1000m	1	1	2
Dryland Salinity - National Assessment	Australian Bureau of Agricultural and Resource Economics and Sciences	03/06/2024	24/05/2024	Annually	1000m	0	0	0
Mining Subsidence Districts	NSW Department of Customer Service	20/05/2025	20/05/2025	Quarterly	1000m	0	0	0
Current Mining Titles	NSW Department of Primary Industries and Regional Development	05/05/2025	05/05/2025	Monthly	1000m	0	0	0
Mining Title Applications	NSW Department of Primary Industries and Regional Development	05/05/2025	05/05/2025	Monthly	1000m	0	0	0
Historic Mining Titles	NSW Department of Primary Industries and Regional Development	05/05/2025	05/05/2025	Monthly	1000m	12	12	12
Environmental Planning Instrument SEPP State Significant Precincts	NSW Department of Planning, Housing and Infrastructure	19/05/2025	08/09/2023	Monthly	1000m	0	0	4
Environmental Planning Instrument Land Zoning	NSW Department of Planning, Housing and Infrastructure	19/05/2025	24/05/2025	Monthly	1000m	1	4	178
Commonwealth Heritage List	Australian Department of Climate Change, Energy, the Environment and Water	23/10/2024	13/04/2022	Annually	500m	0	0	0
National Heritage List	Australian Department of Climate Change, Energy, the Environment and Water	23/10/2024	13/04/2022	Annually	500m	0	0	0
State Heritage Register - Curtilages	NSW Department of Planning, Industry and Environment	20/05/2025	21/03/2025	Quarterly	500m	0	2	7
Environmental Planning Instrument Local Heritage	NSW Department of Planning, Housing and Infrastructure	19/05/2025	02/05/2025	Monthly	500m	0	5	65
Bush Fire Prone Land	NSW Rural Fire Service	21/05/2025	31/03/2025	Monthly	1000m	0	0	0
NSW Native Vegetation Type Map	NSW Department of Climate Change, Energy, the Environment and Water	26/02/2025	08/11/2024	Quarterly	1000m	1	1	1
Ramsar Wetlands of Australia	Australian Department of Climate Change, Energy, the Environment and Water	19/05/2025	05/03/2025	Annually	1000m	0	0	0
Collaborative Australian Protected Areas Database (CAPAD) 2022 - Terrestrial	Australian Department of Climate Change, Energy, The Environment and Water	20/03/2025	19/06/2024	Annually	1000m	0	0	0

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Collaborative Australian Protected Areas Database (CAPAD) 2022 - Marine	Australian Department of Climate Change, Energy, The Environment and Water	20/03/2025	30/06/2022	Annually	1000m	0	0	0
Groundwater Dependent Ecosystems	Bureau of Meteorology	28/05/2024	28/05/2024	Annually	1000m	0	0	0
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	28/05/2024	28/05/2024	Annually	1000m	0	0	0
NSW BioNet Species Sightings	NSW Department of Climate Change, Energy, the Environment and Water	13/05/2025	13/05/2025	Monthly	10000m	-	-	-

Site Diagram

81 Missenden Road, Camperdown, NSW 2050



Legend

- Site Boundary
- Internal Parcel Boundaries

Total Area: 4171m²

Total Perimeter: 284m

Disclaimers:

Measurements are approximate only and may have been simplified or smaller lengths removed for readability.

Parcels that make up a small percentage of the total site area have not been labelled for increased legibility.

Scale: 0 15 30 Meters

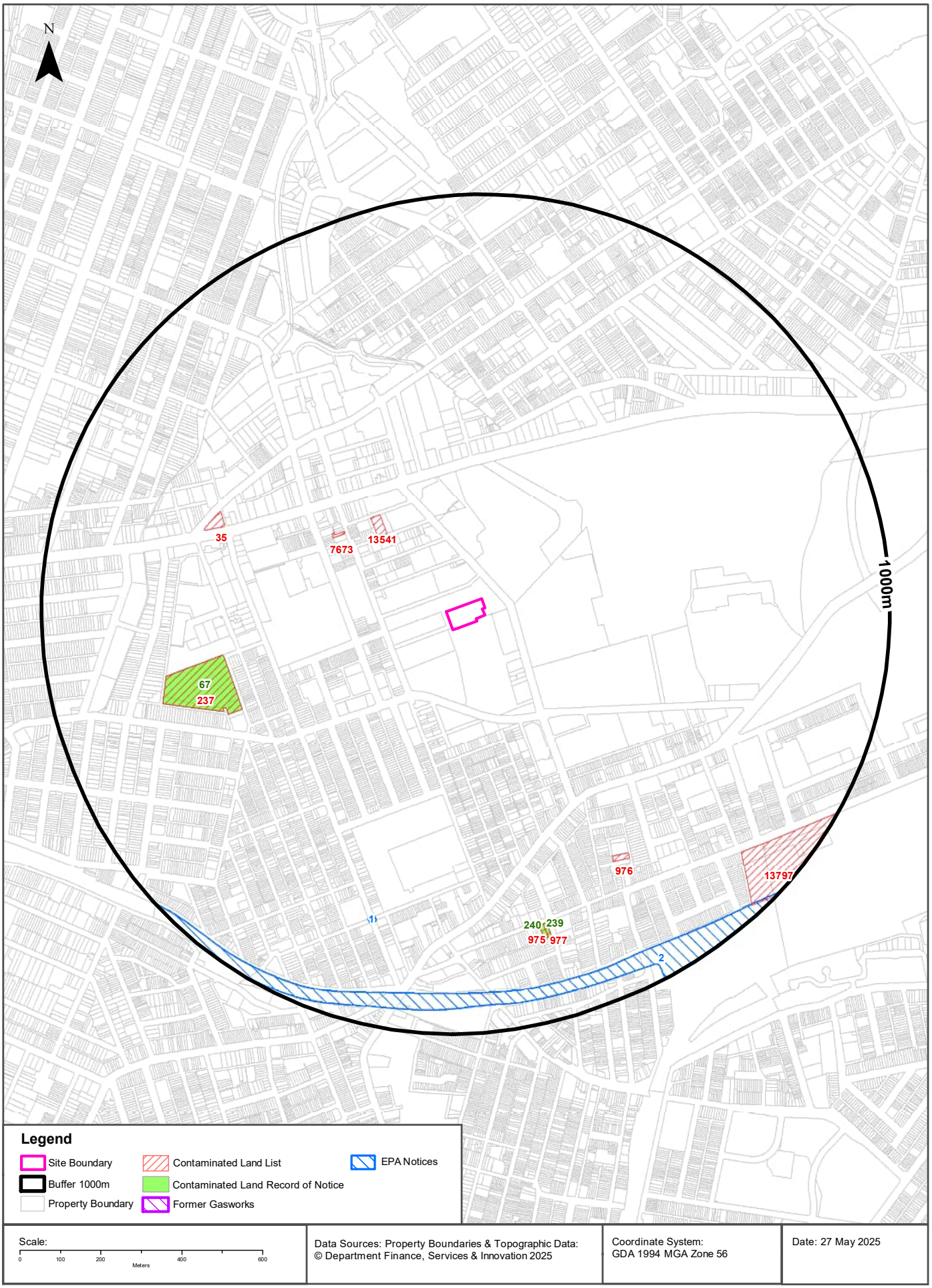
Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2025

Coordinate System: GDA 1994 MGA Zone 56

Date: 27 May 2025

Contaminated Land

81 Missenden Road, Camperdown, NSW 2050



Contaminated Land

81 Missenden Road, Camperdown, NSW 2050

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
13541	The Spruce	12-14 Marsden Street	Camperdown	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	243m	North West
7673	Former Gee Graphics	27 Church Street	Camperdown	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	316m	North West
237	O'Dea Reserve	Salisbury Lane	Camperdown	Landfill	Contamination formerly regulated under the CLM Act	Current EPA List	Premise Match	554m	West
35	7-Eleven (former Mobil) Annandale Service Station	198 Parramatta Road	Annandale	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	588m	West
976	Aluminium Enterprises	66 Brocks Lane	Newtown	Metal Industry	Contamination was addressed via the planning process (EP&A Act)	Current EPA List	Premise Match	669m	South East
977	Former Service Station	81 Wilson Street	Newtown	Service Station	Contamination formerly regulated under the CLM Act	Current EPA List	Premise Match	758m	South
975	Adjacent to Former Service Station	79 Wilson Street	Newtown	Service Station	Contamination formerly regulated under the CLM Act	Current EPA List	Premise Match	759m	South
13797	Redfern North Eveleigh Precinct – Paint Shop and Clothing Storesub-precincts	281 Wilson STREET	DARLINGTON	Unclassified	Under assessment	Current EPA List	Premise Match	860m	South East

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.

EPA site management class	Explanation
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

Contaminated Land

81 Missenden Road, Camperdown, NSW 2050

Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

Map Id	Name	Address	Suburb	Notices	Area No	Location Confidence	Distance	Direction
67	O'Dea Reserve	Salisbury Lane	Camperdown	1 former	3342	Premise Match	554m	West
239	Former Service Station	81 Wilson Street	Newtown	4 former	3356	Premise Match	758m	South
240	Adjacent to Former Service Station	79 Wilson Street	Newtown	3 former	3350	Premise Match	759m	South

Contaminated Land Records of Notice Data Source: Environment Protection Authority

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

Contaminated Land

81 Missenden Road, Camperdown, NSW 2050

EPA Notices

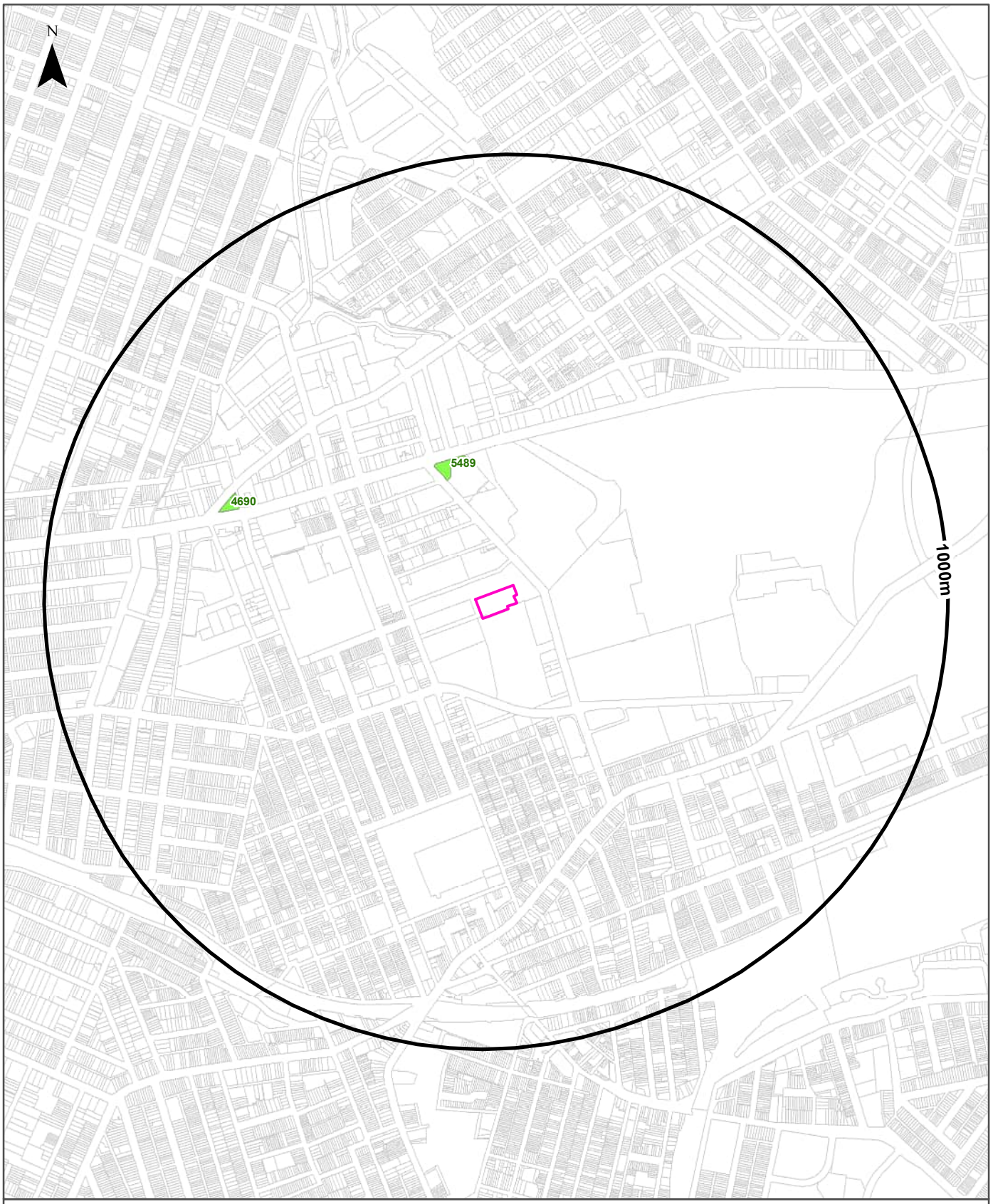
Penalty Notices, s.91 & s.92 Clean up Notices and s.96 Prevention Notices within the dataset buffer:

Map ID	Number	Type	Name	Address	Status	Issued Date	Act	Offence	Offence Date	Loc Conf	Dist	Dir
1	3085769455	Penalty Notice	Punchline Excavations Pty Ltd	Cnr Australia and Lennox Street, NEWTOWN, NSW 2042	Issued	12/04/2013	Protection of the Environment Operations Act 1997 - 120(1)	Pollute waters - Corporation	25/01/2013	Road Intersection	734m	South
2	3173530755	Penalty Notice	SYDNEY TRAINS	SYDNEY TRAINS, HAYMARKET, NSW 1238	Issued	10/11/2021	Protection of the Environment Operations Act 1997 - 64(1)	Contravene condition of licence - Corporation	31/05/2021	Network of Features	898m	South

NSW EPA Notice Data Source: Environment Protection Authority

Waste Management & Liquid Fuel Facilities

81 Missenden Road, Camperdown, NSW 2050



Legend

- Site Boundary
- Buffer 1000m
- Property Boundary
- Waste Management Facilities
- National Liquid Fuel Facilities

Scale:	Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2025	Coordinate System: GDA 1994 MGA Zone 56	Date: 27 May 2025

0 100 200 400 600 Meters

Waste Management & Liquid Fuel Facilities

81 Missenden Road, Camperdown, NSW 2050

National Waste Management Facilities Database

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

Map ID	Owner	Name	Address	Management Type	Facility Type	Status	Loc Conf	Dist	Dir
N/A	No records in buffer								

Source: Waste Management Facilities Database

National Liquid Fuel Facilities

National Liquid Fuel Facilties within the dataset buffer:

Map Id	Owner	Name	Address	Suburb	Class	Operational Status	Operator	Revision Date	Loc Conf	Dist	Direction
5489	BP	BP CAMPERDOWN	CORNER PARRAMATTA AND MISSENDEN ROAD	CAMPERDOWN	PETROL STATION	OPERATIONAL			Premise Match	282m	North
4690	7-ELEVEN	7-ELEVEN CAMPERDOWN	198 PARRAMATTA ROAD	CAMPERDOWN	PETROL STATION	Operational		13/07/2012	Premise Match	588m	West

National Liquid Fuel Facilities Data Source: Geoscience Australia

PFAS Investigation & Management Programs

81 Missenden Road, Camperdown, NSW 2050

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

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 and Unexploded Ordnance

81 Missenden Road, Camperdown, NSW 2050

Defence Controlled Areas (DCA)

Defence Controlled Areas provided by the Department of Defence within the dataset buffer:

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

Defence Controlled Areas, Data Custodian: Department of Defence, Australian Government

Defence 3 Year Regional Contamination Investigation Program (RCIP)

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

National Unexploded Ordnance (UXO)

Sites which have been assessed by the Department of Defence for the potential presence of unexploded ordnance within the dataset buffer:

Site ID	Location Name	Category	Area Description	Additional Information	Commonwealth	Loc Conf	Dist	Dir
N/A	No records in buffer							

National Unexploded Ordnance (UXO), Data Custodian: Department of Defence, Australian Government

EPA Other Sites with Contamination Issues

81 Missenden Road, Camperdown, NSW 2050

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

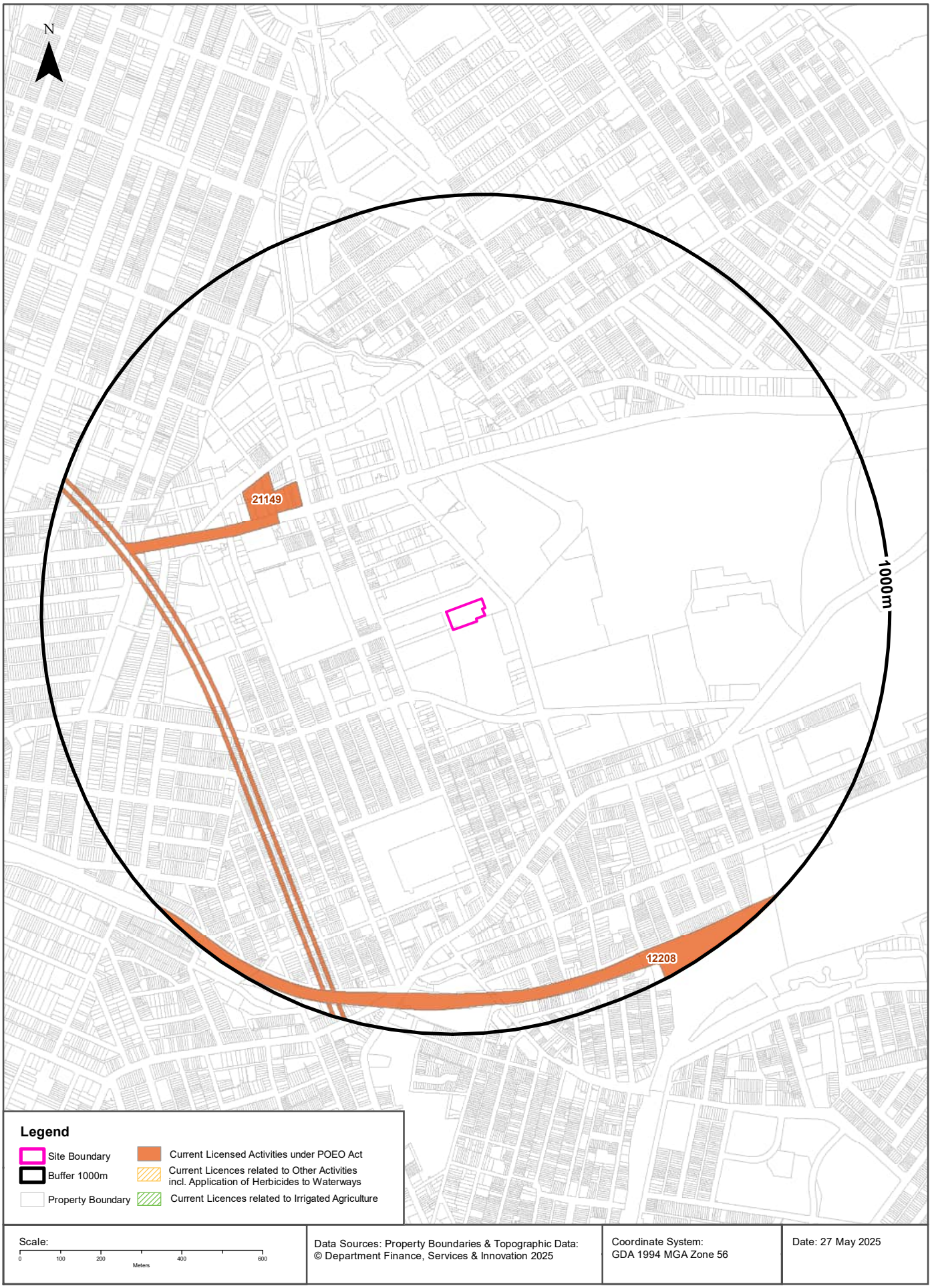
Sites within the dataset buffer:

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

Current EPA Licensed Activities

81 Missenden Road, Camperdown, NSW 2050



EPA Activities

81 Missenden Road, Camperdown, NSW 2050

Licensed Activities under the POEO Act 1997

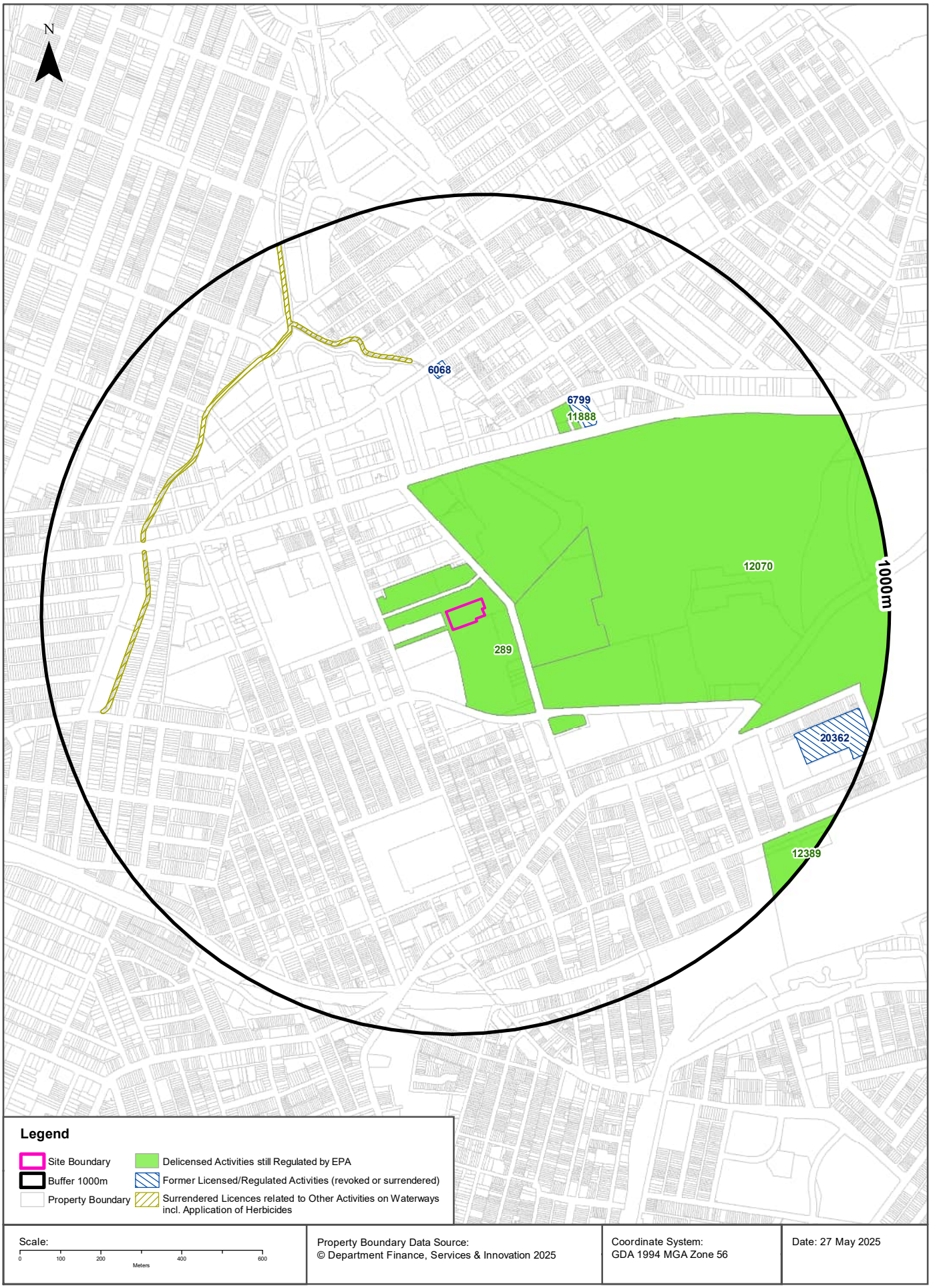
Licensed activities under the Protection of the Environment Operations Act 1997, within the dataset buffer:

EPL	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
21149	ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD		WestConnex between M4 East at Haberfield and the New M5 at St. Peters, MARRICKVILLE, NSW 2204		Road Construction	Premise Match	443m	West
12208	SYDNEY TRAINS		SYDNEY TRAINS, HAYMARKET, NSW 1238		Railway systems activities	Network of Features	898m	South

POEO Licence Data Source: Environment Protection Authority

Delicensed & Former Licensed EPA Activities

81 Missenden Road, Camperdown, NSW 2050



EPA Activities

81 Missenden Road, Camperdown, NSW 2050

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
289	SYDNEY SOUTH WEST AREA HEALTH SERVICE	ROYAL PRINCE ALFRED HOSPITAL	MISSENDEN ROAD	CAMPERDOWN	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	0m	On-site
12070	THE UNIVERSITY OF SYDNEY	The University of Sydney	Camperdown & Darlington Campuses	SYDNEY UNIVERSITY	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	53m	East
11888	SYDNEY SOUTH WEST AREA HEALTH SERVICE	DEPARTMENT OF FORENSIC MEDICINE	50 PARRAMATTA ROAD	GLEBE	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	452m	North East
12389	RAIL CORPORATION NEW SOUTH WALES	Xplorer Service Centre	Henderson Road (off)	EVELEIGH	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	887m	South East

Delicensed Activities Data Source: 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
6799	SUMMIT MOTORS PTY LIMITED	36 PARRAMATTA ROAD, GLEBE, NSW 2037	Surrendered	02/08/2000	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	496m	North East
6068	THE PRETERM FOUNDATION	300 BRIDGE ROAD, CAMPERDOWN, NSW 2050	Surrendered	09/05/2000	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	555m	North
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered	06/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	609m	North West
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	609m	North West
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	609m	North West
20362	JOHN HOLLAND PTY LTD	University of Sydney Darlington Campus, Corner Codrington and Abercrombie Streets, DARLINGTON	Surrendered	20/01/2014	Land-based extractive activity	Premise Match	819m	East

Former Licensed Activities Data Source: Environment Protection Authority

Historical Business Directories

81 Missenden Road, Camperdown, NSW 2050

Legend

- Site Boundary
- Buffer 100m
- Property Boundary
- Business directory records mapped to a specific premise
- Business directory records mapped to a road intersection
- Business directory records mapped to a road corridor
- Business directory records mapped to a general area

Scale: 0 20 40 60 80 Meters

Coordinate System: GDA 1994 MGA Zone 56

Date: 27 May 2025

Historical Business Directories

81 Missenden Road, Camperdown, NSW 2050

Business Directory Records 1950-1991
Premise or Road Intersection Matches

Potentially contaminative business activities extracted from Universal Business Directories from years 1991, 1986, 1982, 1978, 1975, 1970, 1965, 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
1	METAL PRESSERS &/OR STAMPERS.	Stevens, W. C. Pty. Ltd., 26 Brown St., Camperdown.	52966	1975	Premise Match	0m	On-site
	ROOM HEATERS-ELECTRIC-MFRS. &/OR DISTS.	Stevens, W. C. Pty. Ltd., 26 Brown St., Camperdown.	74694	1975	Premise Match	0m	On-site
	ELECTRICAL CONTRACTORS-LICENSED FIRMS.	Stevens, W. C. Pty. Ltd., 26 Brown St., Camperdown. 2050.	26057	1975	Premise Match	0m	On-site
	Engineers - Hot Water, Heating/Ventilating	Gayfer, G R. & Co. Pty. Ltd., 26 Brown St., Camperdown	83160	1965	Premise Match	0m	On-site
	Hot Water Systems - Industrial	Gayfer, G. R. & Co. Pty. Ltd., 26 Crown St., Camperdown	101247	1965	Premise Match	0m	On-site
	Sheet Metal Workers	Silvans, W. C. Pty. Ltd., 26-34 Brown St., Camperdown	144057	1965	Premise Match	0m	On-site
	Room Heaters - Electric - Mfrs. &/or Dists.	Stevens, W. C. Pty. Ltd., 26-34 Brown St., Camperdown	141208	1965	Premise Match	0m	On-site
	Metal Pressers/Stampers	Stevens, W. C. Pty. Ltd., 26-34 Brown St., Camperdown	114521	1965	Premise Match	0m	On-site
	METAL PRESSERS/STAMPERS	Stevens W G Pty Ltd 26-34 Brown St., Camperdown	338320	1961	Premise Match	0m	On-site
	ELECTRICAL CONTRACTORS-LICENSED	Stevens, W. C. Pty. Ltd., 26-34 Brown St., Camperdown	302575	1961	Premise Match	0m	On-site
	ROOM HEATERS-ELECTRIC-MFRS. &/OR DISTS.	Stevens, W. C. Pty. Ltd., 26-34 Brown St., Camperdown	246754	1961	Premise Match	0m	On-site
	SHEET METAL WORKERS	Stevens, W. C. Pty. Ltd., 26-34 Brown St., Camperdown	249413	1961	Premise Match	0m	On-site
2	Engineers - Refrigeration	B.R.M. Pty. Ltd., 67 Brodie St., Camperdown	83808	1965	Premise Match	0m	On-site
	Handbag Mfrs. &/or Wholesalers	Noveltrim Manufacturing Co. Pty. Ltd., 106 112 Church St., Camperdown	98901	1965	Premise Match	0m	On-site
	Leather Goods Mfrs. &/or Wholesalers	Noveltrim Mfg. Co. Pty. Ltd., 106 Layton St., Camperdown	107540	1965	Premise Match	0m	On-site
	ENGINEERS-REFRIGERATION	B.R.M. Pty. Ltd., 67 Brodie St., Camperdown	308019	1961	Premise Match	0m	On-site
	WASHING MACHINE MFRS.	Breville Radio Pty. Ltd., 67-73 Missenden Rd., Camperdown	261458	1961	Premise Match	0m	On-site
	WRINGER MANUFACTURERS	Breville Radio Pty. Ltd., 67-73 Missenden Rd., Camperdown	264216	1961	Premise Match	0m	On-site
	ELECTRICAL SUPPLIES/APPLIANCES MANUFACTURERS	Canvin & Coles Pty. Ltd., 67-73 Missenden Rd., Camperdown	302838	1961	Premise Match	0m	On-site
	LEATHER GOODS MFRS. &/OR WHOLESALERS	Noveltrim Mfg. Co. Pty. Ltd., 106 Layton St., Camperdown	331123	1961	Premise Match	0m	On-site
	HANDBAG MANUFACTURERS &/OR WHOLESALERS	Noveltrim Mfg. Co. Pty. Ltd., 106-112 Layton St., Camperdown	322828	1961	Premise Match	0m	On-site
	MOTOR CAR SPRING MANUFACTURERS	Bonser, K. E. Pty. Ltd., Brodie St., Camperdown	82760	1950	Premise Match	0m	On-site
	SPRING MANUFACTURERS	Bonser, K. E. Pty. Ltd., Brodie St., Camperdown	104776	1950	Premise Match	0m	On-site
	PUBLIC ADDRESS SYSTEM MANUFACTURERS &/OR DISTRIBUTORS	Breville Radio Pty. Ltd., 67 Missenden Rd., Camperdown	95970	1950	Premise Match	0m	On-site

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
2	ELECTRIC LIGHTING PLANT MANUFACTURERS &/OR DISTRIBUTORS	Breville Radio Pty. Ltd., 67-73 Missenden Rd., Camperdown	36800	1950	Premise Match	0m	On-site
	RADIO MANUFACTURERS	Breville Radio Pty. Ltd., 67-73 Missenden Rd., Camperdown	96782	1950	Premise Match	0m	On-site
	WASHING MACHINE MANUFACTURERS	Breville Radio Pty. Ltd., 67-73 Missenden Rd., Camperdown	112325	1950	Premise Match	0m	On-site
	WRINGER MANUFACTURERS	Brevities Radio Pty. Ltd., 67-73 Missenden Rd., Camperdown	114695	1950	Premise Match	0m	On-site
	ELECTRIC POLISHING MACHINE MFRS. &/OR DISTRIBUTORS	Silovac Elec. Products Pty. Ltd., 106-112 Layton St., Camperdown	37053	1950	Premise Match	0m	On-site
	SEWING MACHINE MOTORS-MANUFACTURERS &/OR DISTRIBUTORS	Silovac Elect. Products Pty. Ltd., 106-112 Layton St., Camperdown	101485	1950	Premise Match	0m	On-site
	FLOOR POLISHING MACHINE MFRS. &/OR DISTRIBUTORS	Silovac Electrical Products Pty. Ltd., 106 Layton St., Camperdown	45609	1950	Premise Match	0m	On-site
	ELECTRICAL SUPPLIES AND APPLIANCES MANUFACTURERS	Silovac Electrical Products Pty. Ltd., 106-112 Layton St., Camperdown	39036	1950	Premise Match	0m	On-site
	VACUUM CLEANER MANUFACTURERS &/OR WHOLESALERS	Silovac Electrical Products Pty. Ltd., 106-112 Layton St., Camperdown	111396	1950	Premise Match	0m	On-site
3	School Supplies - Mfrs. &/or Dist.	C.M.L.A. Co-operative Ltd., 61 Grose St., Camperdown	142666	1965	Premise Match	8m	South East
	Packaging/Packing Specialist	Civilian Maimed & Limbless Association, 61 Grose St,Camperdown	130264	1965	Premise Match	8m	South East
	SCHOOL SUPPLIES-MFRS. &/OR DISTRIBUTORS	C.M.L.A. Co-operative, 61 Grose St., Camperdown	248167	1961	Premise Match	8m	South East
	PACKAGING/PACKING SPEC.	Civilian Maimed & Limbless Association 61 Grose St., Camperdown	355275	1961	Premise Match	8m	South East
	PROCESS WORKERS	Civilian Maimed & Limbless Association 61 Grose St., Camperdown	362708	1961	Premise Match	8m	South East
	PACKAGING/PACKING SPEC.	Civilian Maimed & Limbless Association, 61 Grose St., Camperdown	355276	1961	Premise Match	8m	South East
4	STAINLESS STEEL-WORKERS	Sear's Heating and Ventilating Co., 35 Grose St., Camperdown	104865	1950	Premise Match	10m	South West
	ENGINEERS-HOT WATER, HEATING & VENTILATING	Sears Heating and Ventilating Co, 35 Grose St, Camperdown	41572	1950	Premise Match	10m	South West
	AIR CONDITIONING ENGINEERS	Sears Heating and Ventilating Co., 35 Grose St., Camperdown	1497	1950	Premise Match	10m	South West
	AIR CONDITIONING UNITS & MACHINERY MANUFACTURERS	Sears Heating and Ventilating Co., 35 Grose St., Camperdown	1519	1950	Premise Match	10m	South West
	SHEET METAL WORKERS	Sears Heating and Ventilating Co., 35 Grose St., Camperdown	101814	1950	Premise Match	10m	South West
5	Hospitals - Public	King George V Hospital, Missenden Rd., Camperdown	101095	1965	Premise Match	17m	East
	HOSPITALS-PUBLIC	King George V Hospital, Missenden Rd., Camperdown	324862	1961	Premise Match	17m	East
	HOSPITALS-PUBLIC	King George V Hospital, Missenden Rd., Camperdown	62747	1950	Premise Match	17m	East
6	ICING SUGAR MANUFACTURERS	Sugar Foods Pty. Ltd., 31 Grose St., Camperdown	63966	1950	Premise Match	18m	South West
	SUGAR REFINERS	Sugar Foods Pty. Ltd., 31 Grose St., Camperdown	105843	1950	Premise Match	18m	South West
7	CONFECTIONERS-MANUFACTURING &/OR WHOLESALE	Moss, J. T. Pty. Ltd., 29 Grose St., Camperdown	28614	1950	Premise Match	26m	South West
	CONFECTIONERS-MANUFACTURING &/OR WHOLESALE	Price, A. P. and Son Pty. Ltd., 29 Grose St., Camperdown	28630	1950	Premise Match	26m	South West
	CONFECTIONERS-MANUFACTURING &/OR WHOLESALE	York Confectionery Co., 29 Grose St., Camperdown	28683	1950	Premise Match	26m	South West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
8	FURNITURE FRAME MFRS.	Benwick Furniture Co., 27 Grose St., Camperdown. 2050	31427	1978	Premise Match	36m	South West
	FURNITURE FRAME MFRS.	Benwick Furniture Co., 27 Grose St., Camperdown. 2050	36537	1975	Premise Match	36m	South West
	CHEMICAL MANUFACTURERS &/OR DISTRIBUTORS (C268)	Keogh E.P. (N.S.W.) Pty. Ltd., 27 Grose St., Camperdown	279417	1970	Premise Match	36m	South West
	CHEMICAL IMPORTERS &/OR DISTRIBUTORS (C265)	Keogh, E.P. (N.S.W.) Pty. Ltd., 27 Grose St., Camperdown.	279240	1970	Premise Match	36m	South West
	Chemical Manufacturers &/or Distributors	Keogh E. P. (N.S.W.) Pty. Ltd., 27 Grose St., Camperdown	64186	1965	Premise Match	36m	South West
	Chemical Importers &/or Distributors	Keogh, E. P. (N.S.W.) Pty Ltd., 27 Grose St., Camperdown	64030	1965	Premise Match	36m	South West
	ENGINEERS-PLASTICS	Hello Plastics Pty. Ltd., 27 Grose St., Camperdown	307708	1961	Premise Match	36m	South West
	PLASTIC DIE/MOULD MFRS.	Hello Plastics Pty. Ltd., 27 Grose St., Camperdown	359064	1961	Premise Match	36m	South West
	PLASTIC GOODS MFRS.	Hello Plastics Pty. Ltd., 27 Grose St., Camperdown	359258	1961	Premise Match	36m	South West
	PLASTIC MFRS. &/OR MOULDERS	Hello Plastics Pty. Ltd., 27 Grose St., Camperdown	359397	1961	Premise Match	36m	South West
	TOOL MAKERS	Hello Plastics Pty. Ltd., 27 Grose St., Camperdown	258162	1961	Premise Match	36m	South West
	TOOL MANUFACTURERS	Hello Plastics Pty. Ltd., 27 Grose St., Camperdown	258307	1961	Premise Match	36m	South West
	PLASTIC MANUFACTURERS &/OR MOULDERS	Hello Plastics Pty. Ltd., 27 Grose St., Camperdown	99952	1950	Premise Match	36m	South West
	ENGINEERS-CONSULTING	McAlister and Williams, 27-61 Grose St., Camperdown	40057	1950	Premise Match	36m	South West
	IRON & STEEL MERCHANTS	McAllister and Williams, 27-61 Grose St., Camperdown	65399	1950	Premise Match	36m	South West
9	FRENCH POLISHERS	Parnell, R., 48 English St., Camperdown	48086	1950	Premise Match	39m	South
	SIGNWRITERS	Parried, R., 48 English St., Camperdown	102606	1950	Premise Match	39m	South
10	REFRIGERATOR MFRS.-DOMESTIC-ELECTRIC	Perfection Coil Co., 62 English St., Camperdown	245830	1961	Premise Match	40m	South
	REFRIGERATOR EQUIPMENT/PARTS MANUFACTURERS	Perfection Coil Co., 62-64 English St., Camperdown	245756	1961	Premise Match	40m	South
	SHEET METAL WORKERS	Perfection Coil Co., 62-64 English St., Camperdown	249385	1961	Premise Match	40m	South
	REFRIGERATOR MFRS.-DOMESTIC-ELECTRIC	Perfection Coil Co., 62 English St., Camperdown	99064	1950	Premise Match	40m	South
11	ENGINEERS-PRECISION	Bristol Engineering Co., 60 English St., Camperdown	41815	1950	Premise Match	40m	South
	GUILLOTINE BLADE &/OR SHEAR MFRS.	Bristol Engineering Co., 60 English St., Camperdown	58916	1950	Premise Match	40m	South
	PRINTERS' MACHINERY MANUFACTURERS &/OR DISTRIBUTORS	Bristol Engineering Co., 60 English St., Camperdown	94640	1950	Premise Match	40m	South
	ENGINEERS-CONSULTING	Bristol Industries, 60 English St., Camperdown	39958	1950	Premise Match	40m	South
	ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Bristol Industries, 60 English St., Camperdown	40499	1950	Premise Match	40m	South
	MERCHANTS & IMPORTERS	Bristol Industries, 60 English St., Camperdown	74851	1950	Premise Match	40m	South
	REFRIGERATOR EQUIPMENT & PARTS MFRS.	Bristol Industries, 60 English St., Camperdown	98989	1950	Premise Match	40m	South
12	WELDERS-ELECTRIC &/OR OXY	Jackson Bros., 70 English St., Camperdown	112858	1950	Premise Match	40m	South East
	WIREWORKERS-GENERAL	Jackson Bros., 70 English St., Camperdown	113945	1950	Premise Match	40m	South East
13	STEEL FABRICATORS.	Vortex Constructions Pty. Ltd., 37 English St., Camperdown. 2050	68206	1978	Premise Match	49m	South
14	MOTOR ENGINE RECONDITIONERS. (M6640)	Sydney Motor Engineers Pty. Ltd., 25 Dunblane St., Camperdown. 2050.	55698	1982	Premise Match	50m	North West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
14	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Sydney Motor Engineers Pty. Ltd., 25 Dunblane St., Camperdown. 2050.	57667	1982	Premise Match	50m	North West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Sydney Motor Engineers Pty. Ltd., 25 Dunblane St., Camperdown.	50921	1978	Premise Match	50m	North West
	MOTOR ENGINE RECONDITIONERS.	Sydney Motor Engineers Pty. Ltd., 25 Dunblane St., Camperdown. 2050	49153	1978	Premise Match	50m	North West
	HANDBAG FRAME MFRS.	Perry & Schapira Pty. Ltd., 25 Dunblane St., Camperdown. 2050	41053	1975	Premise Match	50m	North West
	MOTOR GARAGES &/OR ENGINEERS.	Phillips & Patterson, 40 Lucas St., Camperdown.	59394	1975	Premise Match	50m	North West
	BASKET &/OR SEAGRASSWARE MFRS.	Reed, J. & Son, 11 Dunblane St., Camperdown. 2050	4605	1975	Premise Match	50m	North West
	WICKERWORKERS.	Reed, J. & Son, 11 Dunblane St., Camperdown. 2050	87275	1975	Premise Match	50m	North West
	BASKET & SEAGRASS WARE MANUFACTURERS (B122)	Reed, J & Son., 11 Dunblane St., Camperdown	265027	1970	Premise Match	50m	North West
	WICKERWORKERS (W200)	Reed. J.& Son, 11 Dunblane St., Camperdown	374234	1970	Premise Match	50m	North West
	CARRIERS & CARTAGE CONTRACTORS (C150)	Weir, J., 96 Layton St., Camperdown	278385	1970	Premise Match	50m	North West
	SIGN MANUFACTURERS	Neon Tube Pty. Ltd., 94 Church St., Camperdown	144814	1965	Premise Match	50m	North West
	Electric Lighting Specialists - Installers &/or Designers	Neon Tube Pty. Ltd., 94 Church St., Camperdown	77787	1965	Premise Match	50m	North West
	Electric Sign Manufacturers &/or Installers	Neon Tube Pty. Ltd., 94 Church St., Camperdown	78181	1965	Premise Match	50m	North West
	Neon Signs	Neon Tube Pty. Ltd., 94 Church St., Camperdown	127972	1965	Premise Match	50m	North West
	Plastic Signs, Letter Manufacturers	Neon Tube Pty. Ltd., 94 Church St., Camperdown	134295	1965	Premise Match	50m	North West
	Basket & Seagrass Ware Mfrs.	Reed, J. and Son., 11 Dunblane St., Camperdown	49861	1965	Premise Match	50m	North West
	Wickerworkers	Reed. J. & Son., 11 Dunblane St., Camperdown	157077	1965	Premise Match	50m	North West
	Carriers & Cartage Contractors	Weir, J., 96 Layton St., Camperdown	63386	1965	Premise Match	50m	North West
	WOODWORKERS/TURNERS	Camperdown Wood Turning Co 2 Lucas Lane, Camperdown	263603	1961	Premise Match	50m	North West
	CARPENTERS	Camperdown Wood Turning Co., 2 Lucas Lane, Camperdown	284081	1961	Premise Match	50m	North West
	WOODWORKERS/TURNERS	Camperdown Wood Turning Co., 2 Lucas Lane, Camperdown	263604	1961	Premise Match	50m	North West
	FOOTWEAR MFRS.-BOOTS/SHOES	Eilte Footwear Pty. Limited, 38-40 Lucas St., Camperdown	312839	1961	Premise Match	50m	North West
	FOOTWEAR MFRS.-CHILDREN'S/INFANTS'	Elite Footwear Pty. Limited, 38-40 Lucas St., Camperdown	312954	1961	Premise Match	50m	North West
	ROAD-MAKING CONTRACTORS	Ormsby, N. & Sons Pty. Ltd., 15 Dunblane St., Camperdown	246526	1961	Premise Match	50m	North West
	CARRIERS & CARTAGE CONTRACTORS-MASTER	Ormsby, N. & Sons Pty. Ltd., 21 Dunblane St., Camperdown	285743	1961	Premise Match	50m	North West
	CRANES-MOBILE-PROPRIETORS & HIRERS	Ormsby, N. and Son Pty. Ltd, 21 Dunblane St, Camperdown	293764	1961	Premise Match	50m	North West
	WICKERWORKERS	Reed, J. & Son, 11 Dunblane St., Camperdown	262732	1961	Premise Match	50m	North West
	BASKET & SEAGRASS WARE MANUFACTURERS	Reed, J. and Son, 11 Dunblane St., Camperdown	271680	1961	Premise Match	50m	North West
	CARRIERS & CARTAGE CONTRACTORS	Weir, J., 96 Layton St., Camperdown	285493	1961	Premise Match	50m	North West
	CONFECTIONERS-MANUFACTURING &/OR WHOLESALE	Australian Confectionery Co., 25 Dunblane St., Camperdown	28523	1950	Premise Match	50m	North West
	CARPENTERS & JOINERS	Camperdown Wood Turning Co., 2 Lucas Lane, Camperdown	17856	1950	Premise Match	50m	North West
	WOODWORKERS & TURNERS	Camperdown Wood Turning Co., 2 Lucas Lane, Camperdown	114070	1950	Premise Match	50m	North West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
14	FOOTWEAR MANUFACTURERS-BOOTS & SHOES	Mason, S., 38-40 Lucas St., Camperdown	46841	1950	Premise Match	50m	North West
	BULLDOZER CONTRACTORS	Ormsby, N. and Sons, 21 Dunblane St., Camperdown	12643	1950	Premise Match	50m	North West
	CARRIERS & CARTAGE CONTRACTORS (MASTER)	Ormsby, N. and Sons, 21 Dunblane St., Camperdown	20463	1950	Premise Match	50m	North West
	DEMOLITION CONTRACTORS	Ormsby, N. and Sons, 21 Dunblane St., Camperdown	31453	1950	Premise Match	50m	North West
	BASKET & SEAGRASS WARE MANUFACTURERS	Reed, J. and Son, 11 Dunblane St., Camperdown	6393	1950	Premise Match	50m	North West
15	ELECTRIC MOTOR WINDING/REWINDING SPECIALISTS (E205)	Appleby Electrics Pty. Ltd., 62 Lucas St., Camperdown	294085	1970	Premise Match	50m	North
	ENGINEERS-REFRIGERATION (E725)	B. R. M. Pty. Ltd., 62 Lucas St., Camperdown	300604	1970	Premise Match	50m	North
	Builders & Contractors	Stuart Bros. Pty. Ltd., 48 Lucas St., Camperdown	55651	1965	Premise Match	50m	North
	Joinery Manufacturers	Stuart Bros. Pty. Ltd., 48 Lucas St., Camperdown	106580	1965	Premise Match	50m	North
	Joinery Merchants	Stuart Bros. Pty. Ltd., 48 Lucas St., Camperdown	106666	1965	Premise Match	50m	North
	MOTOR GARAGE EQUIPMENT/TOOL MFRS./DISTRIBUTORS	G.P.S. Engineering Co., 65 Missenden Rd., Camperdown	346424	1961	Premise Match	50m	North
	MOTOR GARAGES & ENGINEERS	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd. CAMPERDOWN	348203	1961	Premise Match	50m	North
	BAKERS' & PASTRYCOOKS' MACHINERY MFRS., IMP. &/OR DISTS.	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	270865	1961	Premise Match	50m	North
	ENGINEERS-GENERAL/MFRG./ MECHANICAL	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	307062	1961	Premise Match	50m	North
	HOSPITAL EQUIPMENT IMPORTS. &/OR DISTRIBUTORS	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	324660	1961	Premise Match	50m	North
	MOTOR GARAGE EQUIPMENT/TOOL MFRS./DISTRIBUTORS	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	346447	1961	Premise Match	50m	North
	STORE & PACKING ROOM EQUIPMENT MANUFACTURERS &/OR DISTRIBUTORS	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	254450	1961	Premise Match	50m	North
	BAKERS' & PASTRYCOOKS' MACHINERY IMPORTERS &/OR DISTRIBUTORS	G.P.S. Engineering Co., 65 Missenden Rd., Camperdown	5466	1950	Premise Match	50m	North
	ENGINEERS-STRUCTURAL	G.P.S. Engineering Co., 65 Missenden Rd., Camperdown	42422	1950	Premise Match	50m	North
	MOTOR GARAGE EQUIPMENT & TOOL MFRS. &/OR DISTRIBUTORS	G.P.S. Engineering Co., 65 Missenden Rd., Camperdown	83326	1950	Premise Match	50m	North
	STORE & PARKING ROOM EQUIPMENT MFRS. &/OR DISTRIBUTORS	G.P.S. Engineering Co., 65 Missenden Rd., Camperdown	105805	1950	Premise Match	50m	North
	CHARCOAL MANUFACTURERS	Gas Producer Service and Engineering Co., 65 Missenden Rd., Camperdown	20861	1950	Premise Match	50m	North
	TEXTILE PRINTERS	Gilkes and Co. Pty. Ltd. 61 Missenden Rd., Camperdown	108131	1950	Premise Match	50m	North
	SILK & TEXTILE PRINTERS	Gilkes and Co. Pty. Ltd., 61 Missenden Rd., Camperdown	102688	1950	Premise Match	50m	North
	CLOTHING MFRS. &/OR WHOLESALERS NECKWEAR	Gilkes and Co., 61 Missenden Rd., Camperdown	24059	1950	Premise Match	50m	North
	FLAG MAKERS	Gilkes and Co., 61 Missenden Rd., Camperdown	44816	1950	Premise Match	50m	North
	HANDKERCHIEF MANUFACTURERS	Gllkes and Co., 61 Missenden Rd., Camperdown	60752	1950	Premise Match	50m	North

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
15	MOTOR GARAGE EQUIPMENT & TOOL MFRS. &/OR DISTRIBUTORS	Steel Products Distributing Co. Pty Ltd., 65 Missenden Rd., Camperdown	83335	1950	Premise Match	50m	North
	BAKERS' & PASTRYCOOKS' MACHINERY MFRS.	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	5104	1950	Premise Match	50m	North
	DAIRY FACTORY SUPPLIES	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	30106	1950	Premise Match	50m	North
	ENGINEERS-STRUCTURAL	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	42502	1950	Premise Match	50m	North
	ENGINEERS-STRUCTURAL	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	42501	1950	Premise Match	50m	North
	MOTOR GARAGE EQUIPMENT & TOOL MFRS. &/OR DISTRIBUTORS	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	83336	1950	Premise Match	50m	North
	MOTOR GARAGES &/OR ENGINEERS	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	84423	1950	Premise Match	50m	North
	PASTRYCOOKS' EQUIPMENT-MANUFACTURERS & DISTRIBUTORS	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	91218	1950	Premise Match	50m	North
	STORE & PARKING ROOM EQUIPMENT MFRS. &/OR DISTRIBUTORS	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	105809	1950	Premise Match	50m	North
16	TOY MANUFACTURERS (T545)	Payne Novelties, 61 English St., Camperdown	370455	1970	Premise Match	68m	South
17	CHEMISTS-PHARMACEUTICAL	Boutique Pharmacy, 62 Missenden Rd., Camperdown. 2050	15023	1975	Premise Match	72m	East
	CHEMISTS-PHARMACEUTICAL	Boutique Pharmacy., At Prince Alfred Hospital, Missenden Rd., Camperdown	280104	1970	Premise Match	72m	East
	CHEMISTS-PHARMACEUTICAL	Boutique Pharmacy., At Prince Alfred Hospital, Missenden Rd., Camperdown	280103	1970	Premise Match	72m	East
	Chemists - Pharmaceutical	Boutique Pharmacy, At Prince Alfred Hospital, on Missenden Rd., Camperdown	64760	1965	Premise Match	72m	East
	Hospitals - Public	Royal Prince Alfred Hospital, Missenden Rd., Camperdown	101130	1965	Premise Match	72m	East
	HOSPITALS-PUBLIC	Royal Prince Alfred Hospital, Missenden Rd., Camperdown	324887	1961	Premise Match	72m	East
	HOSPITALS-PUBLIC	Royal Prince Albert Hospital, Missenden Rd., Camperdown	62770	1950	Premise Match	72m	East
18	Kitchenware Wholesalers	Rena-Ware Distributors Pty. Ltd., 41 English St., Camperdown	106818	1965	Premise Match	78m	South
	STAINLESS STEEL EQUIPMENT/ UTENSIL MANUFACTURERS	Rena-Ware Distributors Pty. Ltd., 41 English St., Camperdown.	146997	1965	Premise Match	78m	South
19	PIPE-LINE INSTALLATIONS.	Vortex Constructions Pty. Ltd. 37 English St., Camperdown. 2050	57197	1978	Premise Match	84m	South West
	PIPE BENDERS &/OR FABRICATORS.	Vortex Constructions Pty. Ltd., 37 English St., Camperdown. 2050	57183	1978	Premise Match	84m	South West
	PIPE BENDERS &/OR FABRICATORS	Vortex Constructions Pty. Ltd., 37 English St., Camperdown. 2050	67344	1975	Premise Match	84m	South West
	PIPE-LINE INSTALLATIONS.	Vortex Constructions Pty. Ltd., 37 English St., Camperdown. 2050	67365	1975	Premise Match	84m	South West
	STEEL FABRICATORS.	Vortex Constructions Pty. Ltd., 37 English St., Camperdown. 2050	80644	1975	Premise Match	84m	South West
	PIPE LINE INSTALLATIONS (P398)	Vortex Constructions Pty. Ltd., 37 English St., Camperdown, 2050	349003	1970	Premise Match	84m	South West
	STEEL FABRICATORS (S673)	Vortex Constructions Pty. Ltd., 37 English St., Camperdown, 2050	365383	1970	Premise Match	84m	South West
	Battery Distributors	Boston Batteries., 37 English St., Camperdown	50037	1965	Premise Match	84m	South West
	Battery Manufacturers	Boston Battery Co., 37 English St, Camperdown	50104	1965	Premise Match	84m	South West
	ENGINEERS-REPETITION	Centre Tool and Engineering Co., 37 English St., Camperdown	42210	1950	Premise Match	84m	South West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
19	ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Centre Tool Engineering Co., 37 English St., Camperdown	40556	1950	Premise Match	84m	South West
	PULLEY MANUFACTURERS	Centre Tool Engineering Co., 37 English St., Camperdown	96366	1950	Premise Match	84m	South West
	PULLEY MANUFACTURERS	Centre Tool Engineering Co., 37 English St., Camperdown	96367	1950	Premise Match	84m	South West
20	MOTOR WHEEL REPAIRERS &/OR SPECIALISTS.	Morton & May., 24 English St., Camperdown. 2050	62885	1975	Premise Match	88m	South West
	TYRE DEALERS, RETREADERS &/OR VULCANIZERS.	Morton & May., 24 English St., Camperdown. 2050	85604	1975	Premise Match	88m	South West
	MOTOR WHEEL REPAIRERS/SPECIALISTS (M756)	Morton & May., 24 English St., Camperdown.	342765	1970	Premise Match	88m	South West
	MOTOR WHEEL REPAIRERS/SPECIALISTS (M756)	MORTON & MAY., 24-26 ENGLISH St., CAMPERDOWN, 2050	342766	1970	Premise Match	88m	South West
	Motor Wheel Repairers/Specialists	Morton & May, 24-26 English St., Camperdown	127373	1965	Premise Match	88m	South West
	MOTOR GARAGES &/OR ENGINEERS	Nicholson, J., 24 English St., Camperdown	84137	1950	Premise Match	88m	South West
	ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Nicholson, J., 24-26 English St., Camperdown	41070	1950	Premise Match	88m	South West
21	CHEESE MANUFACTURERS & DISTRIBUTORS	Sanders Dairies Pty. Ltd., 13 Grose St., Camperdown	20885	1950	Premise Match	92m	South West
	DAIRY PRODUCE MERCHANTS	Sanders Dairies Pty. Ltd., 13 Grose St., Camperdown	30169	1950	Premise Match	92m	South West
	CAKE SHOPS & PASTRYCOOKS	Sarco Cheese Co. Ltd., 13 Grose St., Camperdown	17196	1950	Premise Match	92m	South West
	CHEESE MANUFACTURERS & DISTRIBUTORS	Sarco Cheese Co. Ltd., 13 Grose St., Camperdown	20886	1950	Premise Match	92m	South West

Business Directory Records 1950-1991
Road or Area Matches

Potentially contaminative business activities extracted from Universal Business Directories from years 1991, 1986, 1982, 1978, 1975, 1970, 1965, 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
22	MOTOR SERVICE STATIONS - PETROL, OIL	Varsity Service Station., Missenden Rd., Camperdown. 2050	62026	1975	Road Match	34m
	MOTOR GARAGES & ENGINEERS(M6S6)	Brain, W., 46 Missenden Rd., NEWTOWN	337425	1970	Road Match	34m
	MOTOR SERVICE STATIONS-PETROL,OIL,Etc	Varsity Service Station., Missenden Rd., CAMPERDOWN	341597	1970	Road Match	34m
	COTTON TEXTILE & PIECE GOODS MFRS.	C. and D. Mills Pty. Ltd., Missenden Rd., Camperdown	29323	1950	Road Match	34m
	COTTON TEXTILE & PIECE GOODS MFRS.	Sanforizing Services of Aust. Pty. Ltd., Missenden Rd.,. Camperdown	29334	1950	Road Match	34m

Dry Cleaners, Motor Garages & Service Stations

81 Missenden Road, Camperdown, NSW 2050

Legend

- Site Boundary
- Buffer 250m
- Property Boundary
- Business directory records mapped to a specific premise
- Business directory records mapped to a road intersection
- Business directory records mapped to a road corridor
- Business directory records mapped to a general area

Scale: 0 40 80 120 160 Meters

Coordinate System: GDA 1994 MGA Zone 56

Date: 27 May 2025

Historical Business Directories

81 Missenden Road, Camperdown, NSW 2050

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
1	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M8860)	Sydney Motor Engineers Pty. Ltd., 25 Dunblane St., Camperdown. 2050.	57667	1982	Premise Match	50m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Sydney Motor Engineers Pty. Ltd., 25 Dunblane St., Camperdown 2050	8258	1981	Premise Match	50m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Sydney Motor Engineers Pty. Ltd., 25 Dunblane St., Camperdown. 2050	58939	1980	Premise Match	50m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Sydney Motor Engineers Pty. Ltd., 25 Dunblane St., Camperdown. 2050.	46441	1979	Premise Match	50m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Sydney Motor Engineers Pty. Ltd., 25 Dunblane St., Camperdown.	50921	1978	Premise Match	50m	West
	MOTOR GARAGES &/OR ENGINEERS.	Phillips & Patterson, 40 Lucas St., Camperdown.	59394	1975	Premise Match	50m	West
	MOTOR GARAGES &/OR ENGINEERS.	Phillips & Patterson., 40 Lucas St., Camperdown 2050	7731	1972	Premise Match	50m	West
2	MOTOR GARAGES & ENGINEERS.	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd, Camperdown	29061	1962	Premise Match	50m	North
	MOTOR GARAGES & ENGINEERS	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd. CAMPERDOWN	348203	1961	Premise Match	50m	North
	MOTOR GARAGES & ENGINEERS	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd Camperdown	13775	1959	Premise Match	50m	North
	MOTOR GARAGE/ENGINEERS	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd Camperdown	5018	1958	Premise Match	50m	North
	MOTOR SERVICE STATIONS-PETROL, ETC.	Mclaughlin Motors Pty. Ltd., 61 Missenden Rd Camperdown	62015	1956	Premise Match	50m	North
	MOTOR GARAGES &/OR ENGINEERS.	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	61533	1956	Premise Match	50m	North
	MOTOR GARAGES &/OR ENGINEERS.	Mclaughlin Motors Pty. Ltd., 63 Missenden Rd Camperdown	49634	1954	Premise Match	50m	North
	MOTOR GARAGES &/OR ENGINEERS.	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	54159	1954	Premise Match	50m	North
	MOTOR GARAGES &/OR ENGINEERS.	Mclaughlin Motors Pty. Ltd., 63 Missenden Rd Camperdown	40318	1953	Premise Match	50m	North
	MOTOR GARAGES &/OR ENGINEERS.	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd Camperdown	40733	1953	Premise Match	50m	North
	MOTOR GARAGES &/OR ENGINEERS.	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	32287	1952	Premise Match	50m	North
	MOTOR GARAGES &/OR ENGINEERS.	Steel Products Distributing Co. Pty. Ltd., 65 Missenden Rd., Camperdown	84423	1950	Premise Match	50m	North
3	MOTOR GARAGES &/OR ENGINEERS.	Nicholson J., 24 English St Camperdown	61195	1956	Premise Match	88m	South West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
3	MOTOR GARAGES &/OR ENGINEERS.	Nicholson J., 24 English St Camperdown	49758	1954	Premise Match	88m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Nicholson J., 24 English St Camperdown	40425	1953	Premise Match	88m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Nicholson J., 24 English St Camperdown	32005	1952	Premise Match	88m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Nicholson, J., 24 English St., Camperdown	84137	1950	Premise Match	88m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Nicholson, J., 24 English St., Camperdown	22676	1948-49	Premise Match	88m	South West
4	MOTOR GARAGES &/OR ENGINEERS.	McMurtrie A. G., 26 Dunblane St., Camperdown	7728	1972	Premise Match	124m	North West
	MOTOR GARAGES &/OR ENGINEERS.	McMurtrie A. G., 26 Dunblane St., Camperdown	56488	1971	Premise Match	124m	North West
	MOTOR GARAGES & ENGINEERS(M6S6)	McMurtrie A. G., 26 Dunblane St., Camperdown	338242	1970	Premise Match	124m	North West
	MOTOR GARAGES & ENGINEERS.	McMurtrie A. G., 26 Dunblane St., Camperdown	41812	1969	Premise Match	124m	North West
	MOTOR GARAGES & ENGINEERS	McMurtrie A. G., 26 Dunblane St., Camperdown	21177	1968	Premise Match	124m	North West
	MOTOR GARAGES & ENGINEERS.	McMurtrie A. G., 26 Dunblane St., Camperdown	6829	1967	Premise Match	124m	North West
	MOTOR GARAGES & ENGINEERS.	McMurtrie A. G., 26 Dunblane St., Camperdown	55787	1966	Premise Match	124m	North West
5	MOTOR GARAGES &/OR ENGINEERS.	Kirby J. N. Pty. Ltd., 205 Salisbury Rd Camperdown	7726	1972	Premise Match	134m	South
	MOTOR GARAGES &/OR ENGINEERS.	Kirby J. N. Pty. Ltd., 205 Salisbury Rd Camperdown	56486	1971	Premise Match	134m	South
	MOTOR GARAGES & ENGINEERS(M6S6)	Kirby, J. N. Pty. Ltd., 205 Salisbury Rd. CAMPERDOWN	338111	1970	Premise Match	134m	South
	MOTOR GARAGES & ENGINEERS.	Kirby J. N. Pty. Ltd., 205 Salisbury Rd Camperdown	41810	1969	Premise Match	134m	South
	MOTOR GARAGES & ENGINEERS	Kirby J. N. Pty. Ltd., 205 Salisbury Rd Camperdown	21175	1968	Premise Match	134m	South
	MOTOR GARAGES & ENGINEERS.	Kirby J. N. Pty. Ltd., 205 Salisbury Rd Camperdown	6827	1967	Premise Match	134m	South
	MOTOR GARAGES & ENGINEERS.	Kirby J. N. Pty. Ltd., 205 Salisbury Rd Camperdown	55785	1966	Premise Match	134m	South
	Motor Garages & Engineers	Kirby, J. N. Pty. Ltd., 205 Salisbury Rd. Camperdown	122349	1965	Premise Match	134m	South
	MOTOR GARAGES & ENGINEERS	Kirby, James N. Automotive Pty. Ltd., 205 Salisbury Rd. CAMPERDOWN	347512	1961	Premise Match	134m	South
6	MOTOR GARAGES &/OR ENGINEERS.	Kirby Doutty & Wicks Pty. Ltd., 67-69 Salisbury Rd Camperdown	57928	1956	Premise Match	164m	South
	MOTOR GARAGES &/OR ENGINEERS.	Kirby Doutty & Wicks Pty. Ltd., 67-69 Salisbury Rd Camperdown	49528	1954	Premise Match	164m	South
	MOTOR GARAGES &/OR ENGINEERS.	Kirby Doutty & Wicks Pty. Ltd., 67-69 Salisbury Rd Camperdown	40230	1953	Premise Match	164m	South
	MOTOR GARAGES &/OR ENGINEERS.	Kirby Doutty & Wicks Pty. Ltd., 67-69 Salisbury Rd., Camperdown	31836	1952	Premise Match	164m	South
	MOTOR GARAGES &/OR ENGINEERS.	Kirby, Doutty and Wicks Pty. Ltd., 67-69 Salisbury Rd., Camperdown	83961	1950	Premise Match	164m	South
	MOTOR GARAGES &/OR ENGINEERS.	Kirby Doutty And Wicks Pty. Ltd., 67-69 Salisbury Rd Camperdown	22524	1948-49	Premise Match	164m	South
7	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Taller De Mecanica., 115 Church St., Camperdown. 2050.	46451	1979	Premise Match	171m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Taller De Mecanica, 115 Church St., Camperdown. 2050	50932	1978	Premise Match	171m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Cousins, J. Pty. Ltd., 119-121 Church St Camperdown	7720	1972	Premise Match	171m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Cousins, J. Pty. Ltd., 119-121 Church St Camperdown	56479	1971	Premise Match	171m	South West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
7	MOTOR GARAGES & ENGINEERS(M6S6)	Cousins, J. Pty. Ltd., 119-121 Church St. CAMPERDOWN	337628	1970	Premise Match	171m	South West
	MOTOR GARAGES & ENGINEERS.	Cousins, J. Pty. Ltd., 119-121 Church St Camperdown	37741	1969	Premise Match	171m	South West
	MOTOR GARAGES & ENGINEERS	Cousins, J. Pty. Ltd., 119-121 Church St Camperdown	21170	1968	Premise Match	171m	South West
	MOTOR GARAGES & ENGINEERS.	Cousins, J. Pty. Ltd., 119-121 Church St Camperdown	6822	1967	Premise Match	171m	South West
	MOTOR GARAGES & ENGINEERS.	Cousins, J. Pty. Ltd., 119-121 Church St Camperdown	55779	1966	Premise Match	171m	South West
	Motor Garages & Engineers	Cousins, J. Pty. Ltd., 119-121 Church St. Camperdown	122343	1965	Premise Match	171m	South West
	MOTOR GARAGES & ENGINEERS	Cousins, J., 119-121 Layton St Camperdown	43542	1964	Premise Match	171m	South West
	MOTOR GARAGES & ENGINEERS.	Cousins, J., 119-121 Layton St Camperdown	29044	1962	Premise Match	171m	South West
	MOTOR GARAGES & ENGINEERS	Cousins, J., 119-121 Layton St. CAMPERDOWN	346967	1961	Premise Match	171m	South West
	MOTOR GARAGES & ENGINEERS	Cousins, Jack., 119 Layton St Camperdown	13761	1959	Premise Match	171m	South West
	MOTOR GARAGE/ENGINEERS	Cousins, Jack., 119 Layton St Camperdown	900	1958	Premise Match	171m	South West
	MOTOR GARAGES &/OR ENGINEERS	Cousins, Jack., 119 Layton St Camperdown	57496	1956	Premise Match	171m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Cousins, Jack., 119 Layton St Camperdown	49118	1954	Premise Match	171m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Cousins, Jack., 119 Layton St Camperdown	39867	1953	Premise Match	171m	South West
8	MOTOR GARAGES & SERVICE STATIONS.	Caltex Camperdown Service Station, 29 Missenden Rd., Camperdown. 2050	18747	1993	Premise Match	176m	North West
	Motor Garages & Service Stations	Caltex Camperdown Service Station, 29 Missenden Rd., Camperdown 2050	97589	1991	Premise Match	176m	North West
	MOTOR GARAGES & SERVICE STATIONS.	Caltex Camperdown Service Station, 29 Missenden Rd., Camperdown. 2050	11283	1990	Premise Match	176m	North West
	MOTOR GARAGE & SERVICE STATIONS.	Caltex Camperdown, 29 Missenden Rd., Camperdown. 2050	64722	1989	Premise Match	176m	North West
	MOTOR GARAGES & SERVICE STATIONS.	Caltex Camperdown, 29 Missenden Rd., Camperdown. 2050	53846	1988	Premise Match	176m	North West
	MOTOR GARAGES & SERVICE STATIONS.	Caltex Camperdown, 29 Missenden Rd., Camperdown. 2050	64318	1986	Premise Match	176m	North West
	MOTOR GARAGES & SERVICE STATIONS.	Caltex Camperdown., 29 Missenden Rd., Camperdown. 2050	39319	1985	Premise Match	176m	North West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Caltex Camperdown, 29 Missenden Rd., Camperdown. 2050	27927	1984	Premise Match	176m	North West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Fava's Service Station, 29 Missenden Rd., Camperdown. 2050	14692	1983	Premise Match	176m	North West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Fava's Service Station, 29 Missenden Rd., Camperdown. 2050	56754	1982	Premise Match	176m	North West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Fava's Service Station., 29 Missenden Rd., Camperdown. 2050	3302	1981	Premise Match	176m	North West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Fava, R, Service Station., 29 Missenden Rd., Camperdown. 2050	52958	1980	Premise Match	176m	North West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Fava's Service Station, 29 Missenden Rd., Camperdown. 2050.	41505	1979	Premise Match	176m	North West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
8	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Fava's Service Station, 29 Missenden Rd., Camperdown.	50039	1978	Premise Match	176m	North West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Fava's Service Station, 29 Missenden Rd., Camperdown. 2050	30012	1976	Premise Match	176m	North West
	MOTOR GARAGES &/OR ENGINEERS.	Fava's Service Station, 29 Missenden Rd., Camperdown.	58866	1975	Premise Match	176m	North West
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Fava R. Service Station, 23 Missenden Rd., Camperdown.	16515	1972	Premise Match	176m	North West
	MOTOR GARAGES &/OR ENGINEERS.	Fava's Service Station, 29 Missenden Rd., Camperdown.	7723	1972	Premise Match	176m	North West
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Fava R. Service Station (Caltex), 23 Missenden Rd., Camperdown.	63105	1971	Premise Match	176m	North West
	MOTOR GARAGES &/OR ENGINEERS.	Fava's Service Station, 29 Missenden Rd., Camperdown.	56483	1971	Premise Match	176m	North West
9	MOTOR GARAGES & ENGINEERS.	Blaxland Rae Pty. Ltd., 61-65 Salisbury Rd Camperdown	29042	1962	Premise Match	185m	South West
	MOTOR GARAGES & ENGINEERS	Blaxland Rae Pty. Ltd., 61-65 Salisbury Rd. CAMPERDOWN	346665	1961	Premise Match	185m	South West
	MOTOR GARAGES & ENGINEERS	Blaxland Rae Pty. Ltd., 61-65 Salisbury Rd Camperdown	13759	1959	Premise Match	185m	South West
	MOTOR GARAGE/ENGINEERS	Blaxland Rae Pty. Ltd., 61-65 Salisbury Rd Camperdown	659	1958	Premise Match	185m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Blaxland Rae Pty. Ltd., 61-65 Salisbury Rd Camperdown	57275	1956	Premise Match	185m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Blaxland Rae Pty. Ltd., 61-65 Salisbury Rd Camperdown	44845	1954	Premise Match	185m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Blaxland Rae Pty. Ltd., 61-65 Salisbury Rd Camperdown	36626	1953	Premise Match	185m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Blaxland & Rae Pty. Ltd., 61-65 Salisbury Rd Camperdown	27534	1952	Premise Match	185m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Blaxland and Rae Pty. Ltd., 61-65 Salisbury Rd., Camperdown	83467	1950	Premise Match	185m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Blaxland And Rae Pty. Ltd., 61-65 Salisbury Rd Camperdown	17790	1948-49	Premise Match	185m	South West
10	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	George Star, J. & G., 27 Marsden St., Camperdown. 2050.	56800	1982	Premise Match	202m	North West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	George, Star J. & G., 27 Marsden St., Camperdown. 2050	3356	1981	Premise Match	202m	North West
11	MOTOR GARAGES &/OR ENGINEERS.	Bavaria Cars, 16 Marsden St., Camperdown.	58416	1975	Premise Match	239m	North West
12	MOTOR GARAGES & ENGINEERS.	Blaxland Rae Pty. Ltd., 41 Mallett St Camperdown	6821	1967	Premise Match	243m	South West

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
13	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS	Varsity Service Station., Missendon Rd., Camperdown 2050	35137	1976	Road Match	34m
	MOTOR SERVICE STATIONS - PETROL, OIL	Varsity Service Station., Missenden Rd., Camperdown 2050	62026	1975	Road Match	34m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Varsity Service Station., Missenden Rd Camperdown	16517	1972	Road Match	34m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Varsity Service Station., Missenden Rd Camperdown	63107	1971	Road Match	34m
	MOTOR GARAGES & ENGINEERS(M6S6)	Brain, W., 46 Missenden Rd., NEWTOWN	337425	1970	Road Match	34m
	MOTOR SERVICE STATIONS-PETROL, OIL, Etc.	Varsity Service Station., Missenden Rd., CAMPERDOWN	341597	1970	Road Match	34m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Varsity Service Station., Missenden Rd Camperdown	47608	1969	Road Match	34m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Varsity Service Station., Missenden Rd Parramatta	16098	1967	Road Match	34m

Aerial Imagery 2024

81 Missenden Road, Camperdown, NSW 2050

Scale:
0 25 50 75 100
Meters

Data Source Aerial Imagery: © 2025 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.

Coordinate System:
GDA 1994 MGA Zone 56

Date: 26 May 2025

Aerial Imagery 2014

81 Missenden Road, Camperdown, NSW 2050

Scale:
0 25 50 75 100
Meters

Data Source Aerial Imagery: © 2025 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.

Coordinate System:
GDA 1994 MGA Zone 56

Date: 26 May 2025

Aerial Imagery 2002

81 Missenden Road, Camperdown, NSW 2050

Scale:
0 25 50 75 100
Meters

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Coordinate System:
GDA 1994 MGA Zone 56

Date: 26 May 2025

Aerial Imagery 1994

81 Missenden Road, Camperdown, NSW 2050

Scale:	Data Sources: Aerial Imagery:	Coordinate System:	Date: 26 May 2025
0 25 50 75 100 Meters	© NSW Department of Customer Service	GDA 1994 MGA Zone 56	

Aerial Imagery 1991

81 Missenden Road, Camperdown, NSW 2050

Aerial Imagery 1986

81 Missenden Road, Camperdown, NSW 2050

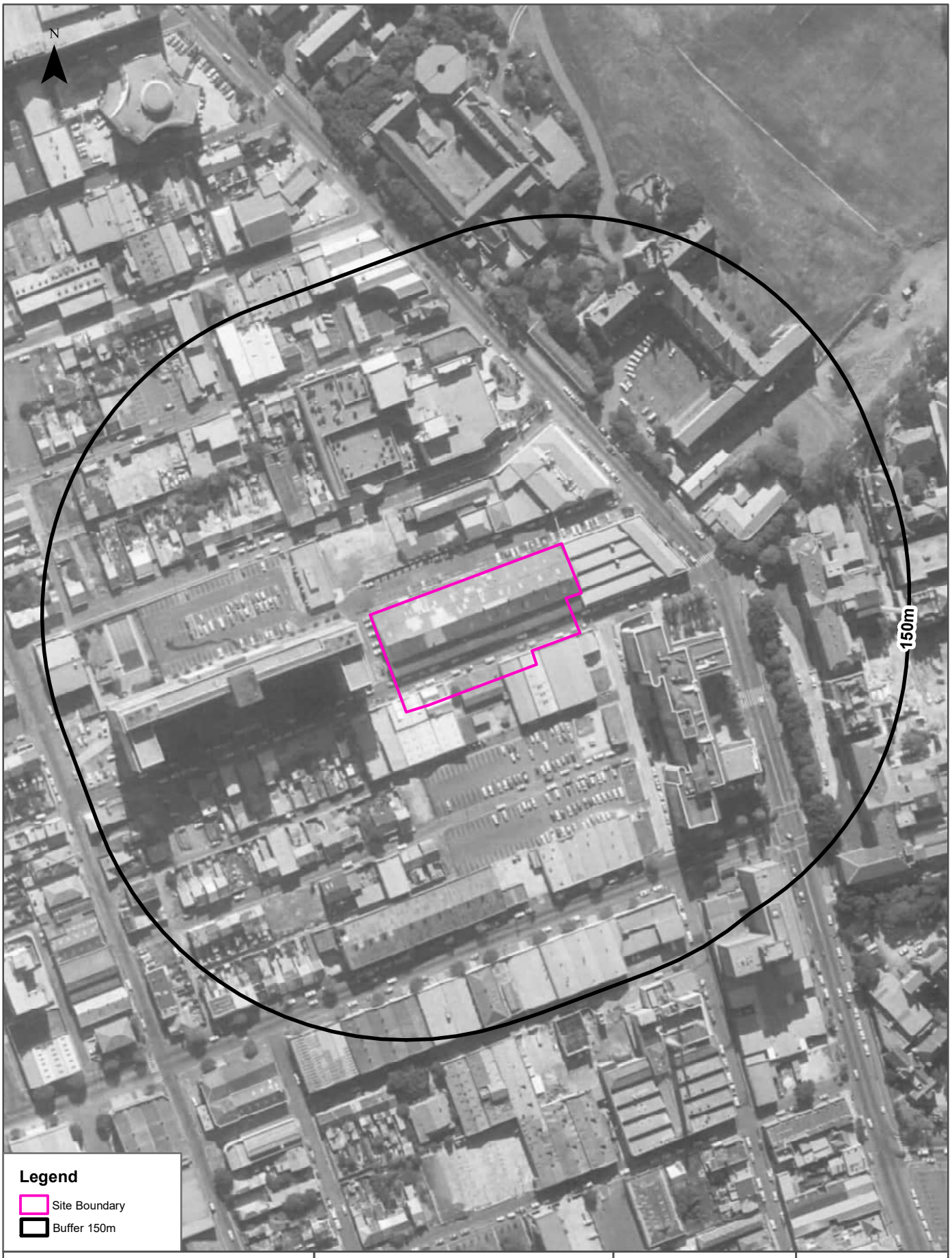
Aerial Imagery 1982

81 Missenden Road, Camperdown, NSW 2050

Scale: 0 25 50 75 100 Meters	Data Sources: Aerial Imagery: © NSW Department of Customer Service	Coordinate System: GDA 1994 MGA Zone 56	Date: 26 May 2025

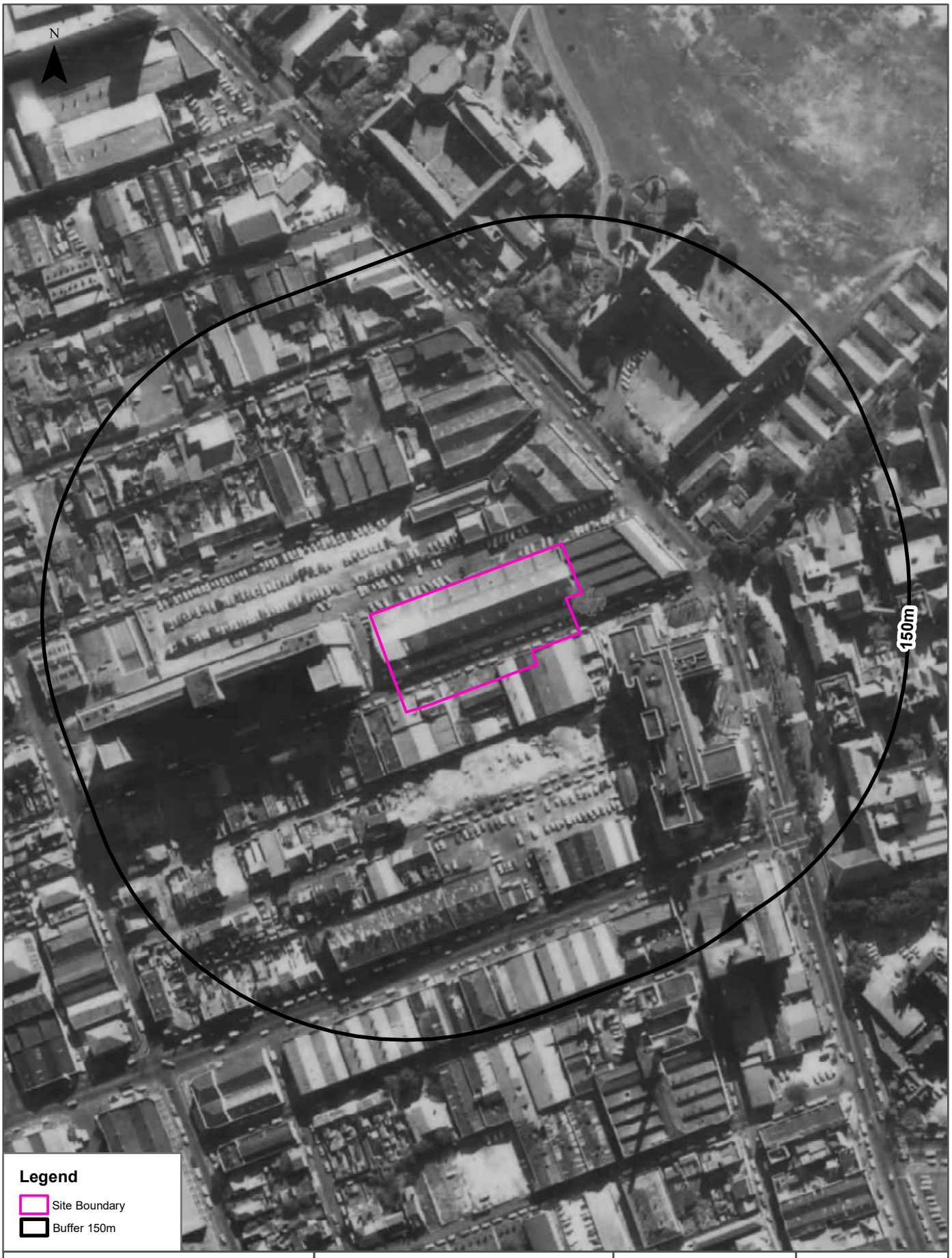
Aerial Imagery 1978

81 Missenden Road, Camperdown, NSW 2050



Aerial Imagery 1970

81 Missenden Road, Camperdown, NSW 2050



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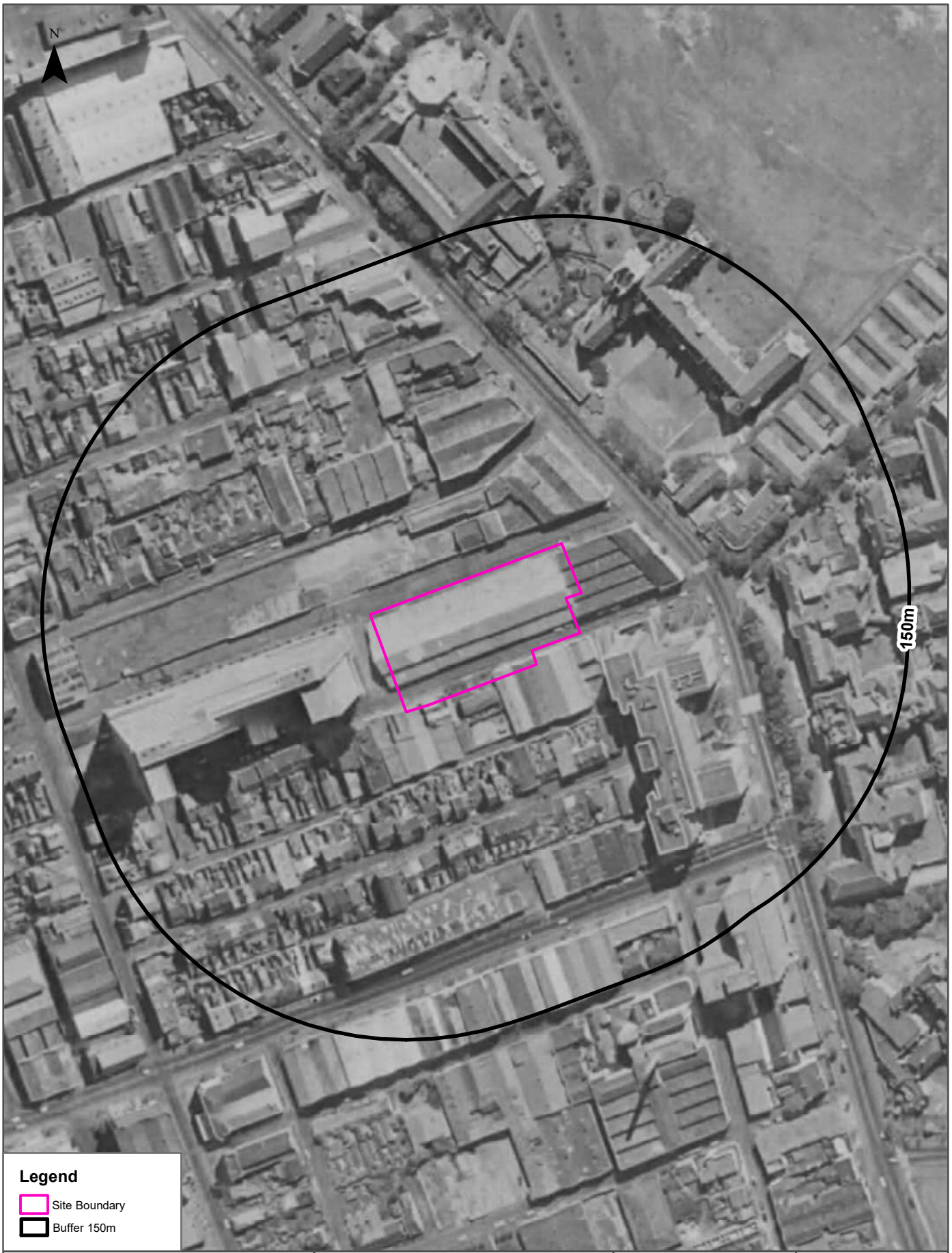
Aerial Imagery 1965

81 Missenden Road, Camperdown, NSW 2050



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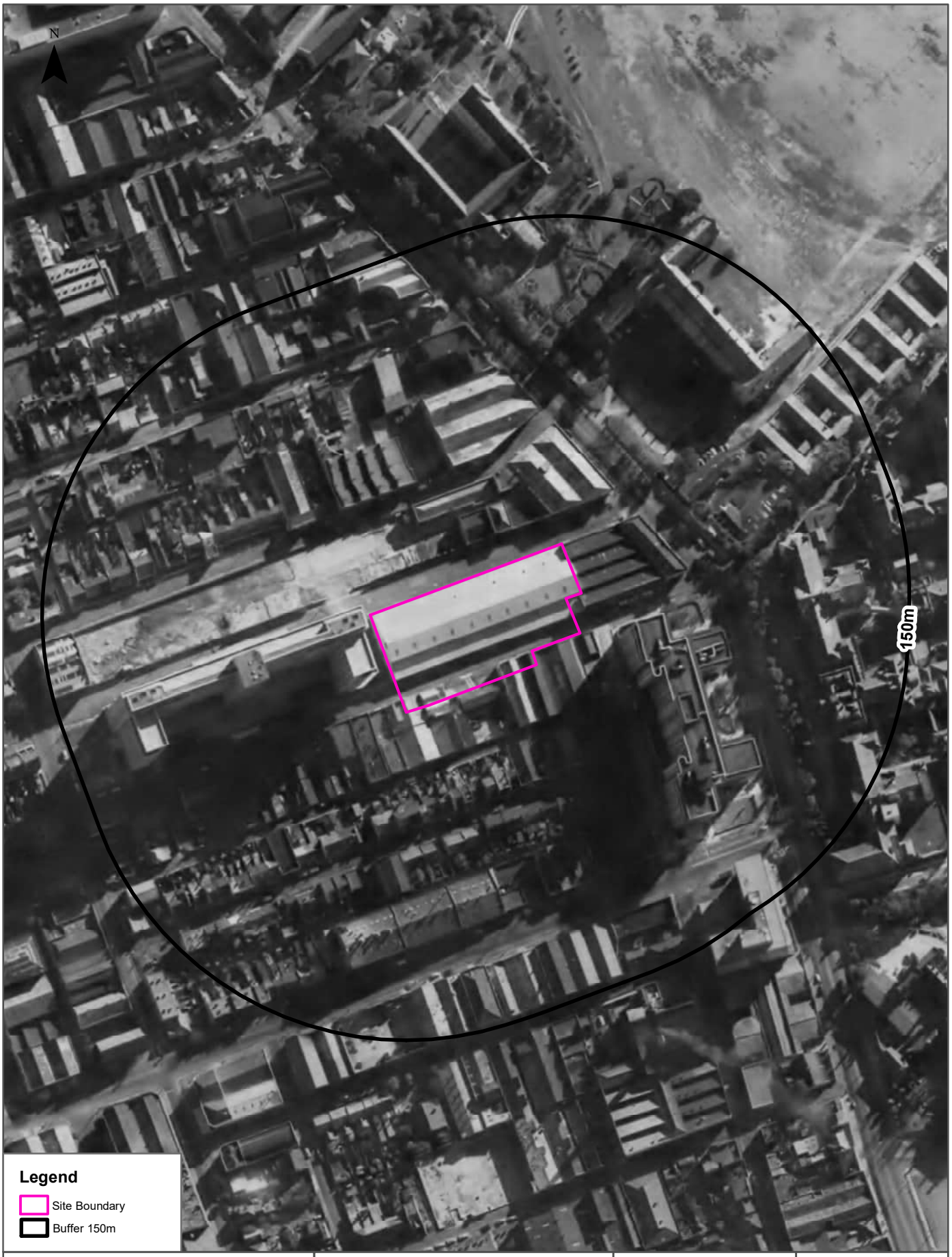
Aerial Imagery 1961

81 Missenden Road, Camperdown, NSW 2050



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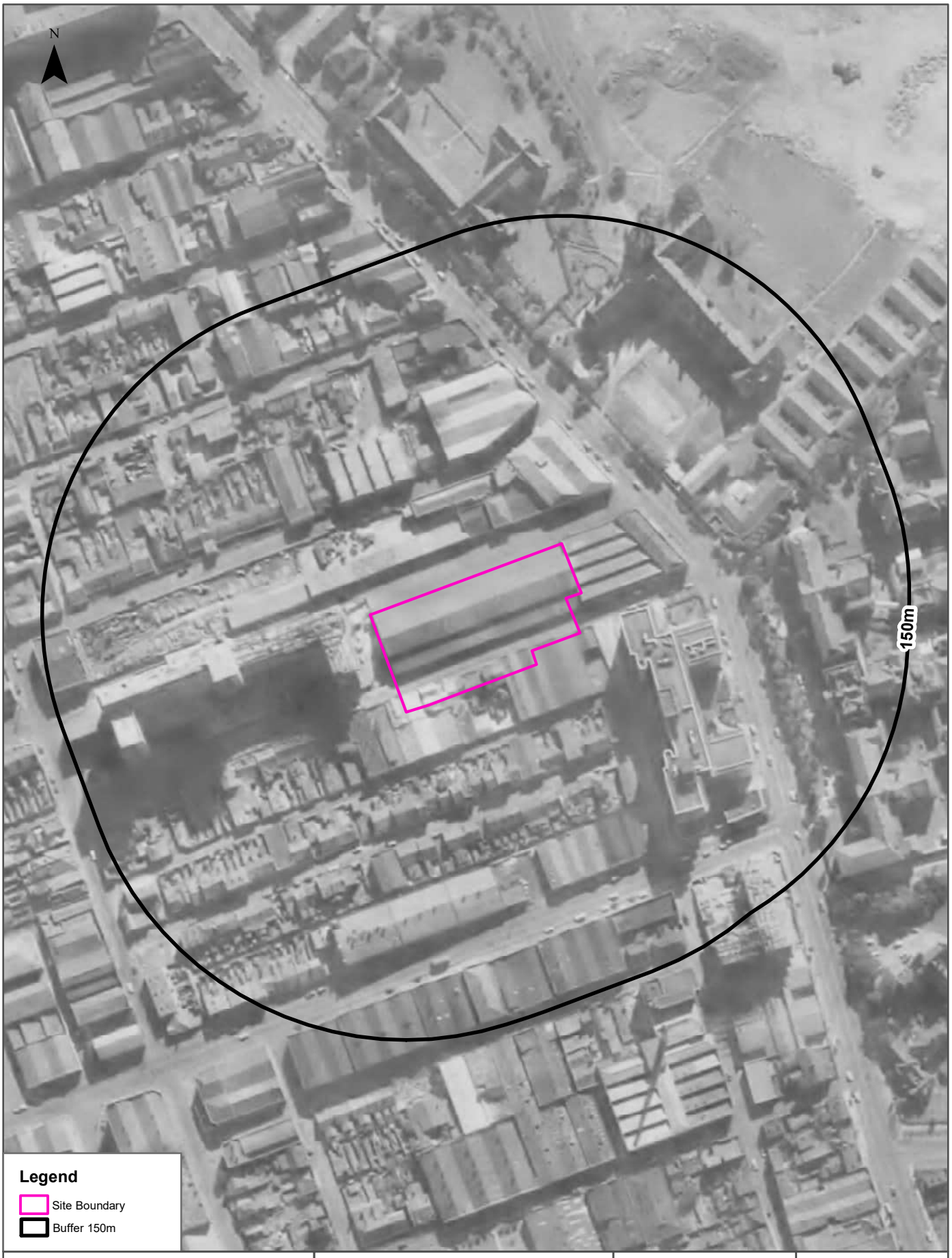
Aerial Imagery 1955, 1956

81 Missenden Road, Camperdown, NSW 2050



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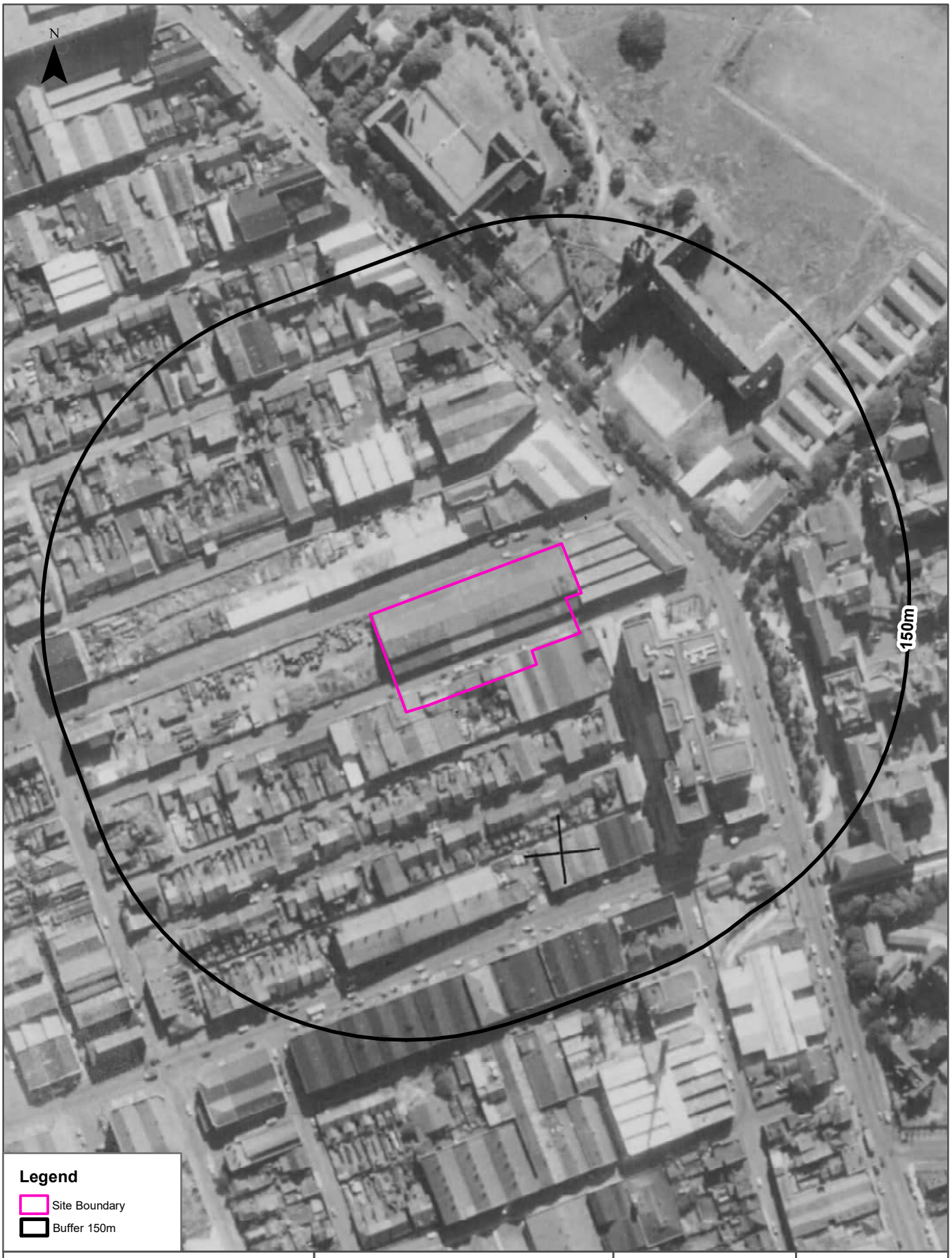
Aerial Imagery 1951

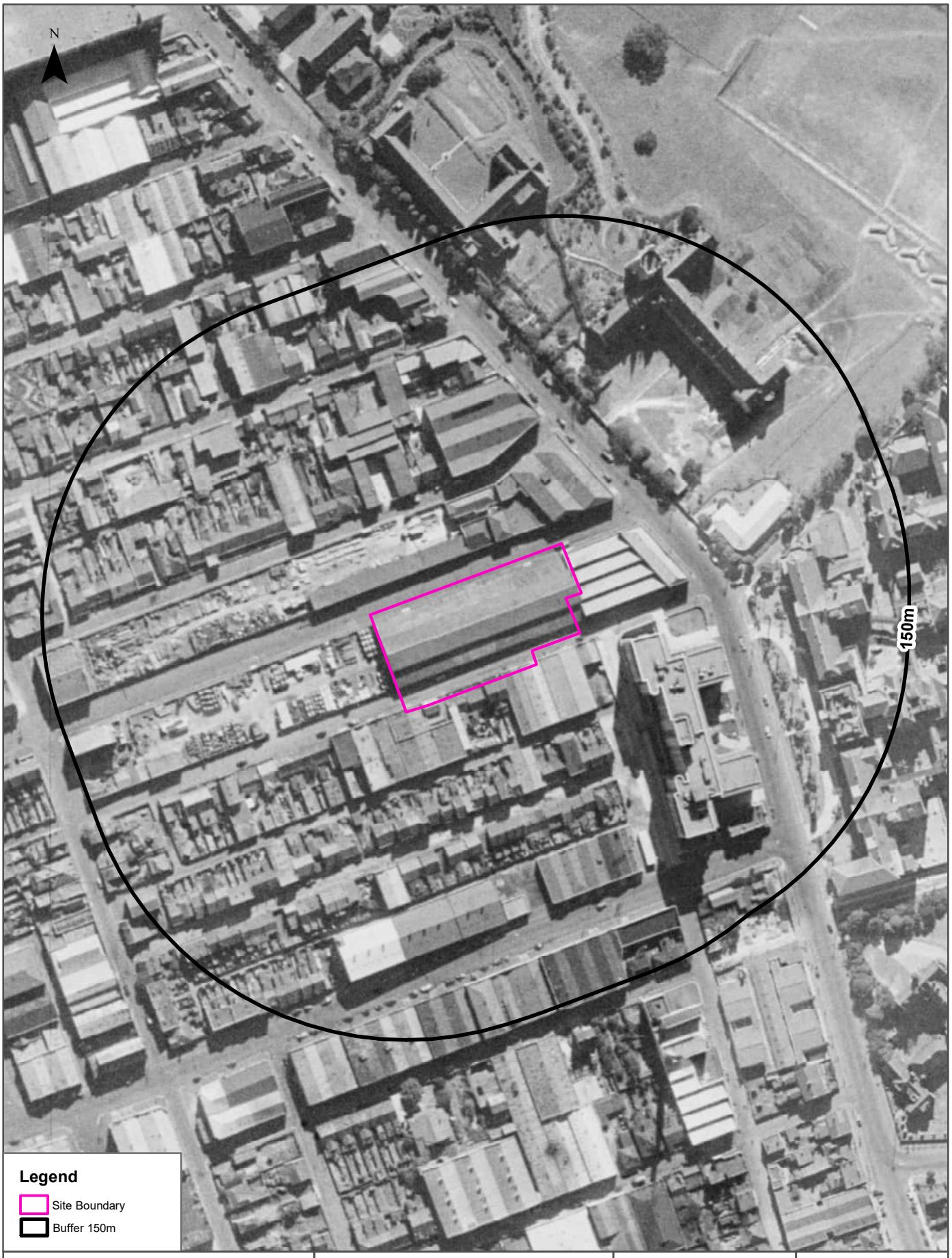
81 Missenden Road, Camperdown, NSW 2050



Data Sources: Aerial Imagery: © NSW Department of Customer Service	Coordinate System: GDA 1994 MGA Zone 56	Date: 26 May 2025

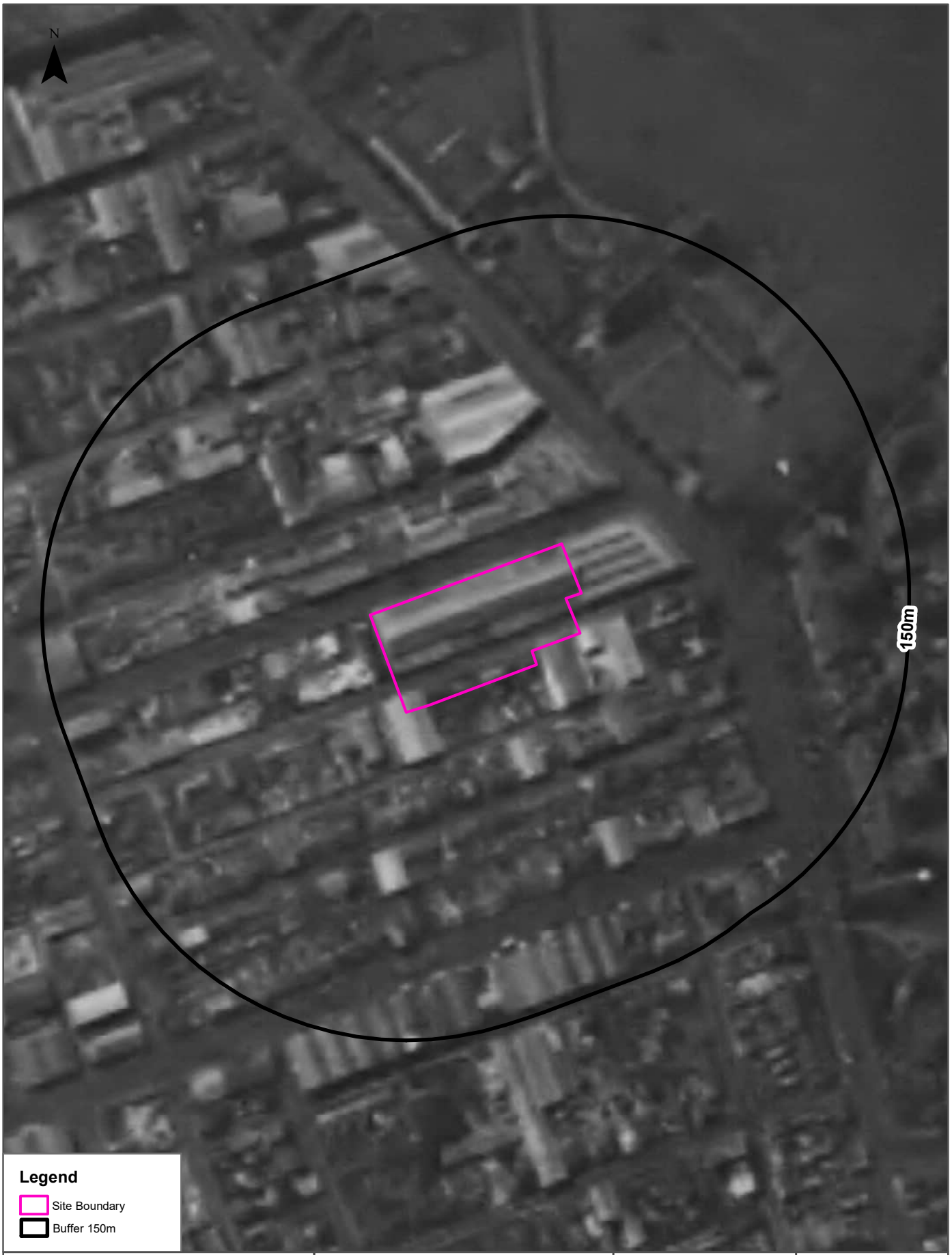
Aerial Imagery 1943

81 Missenden Road, Camperdown, NSW 2050



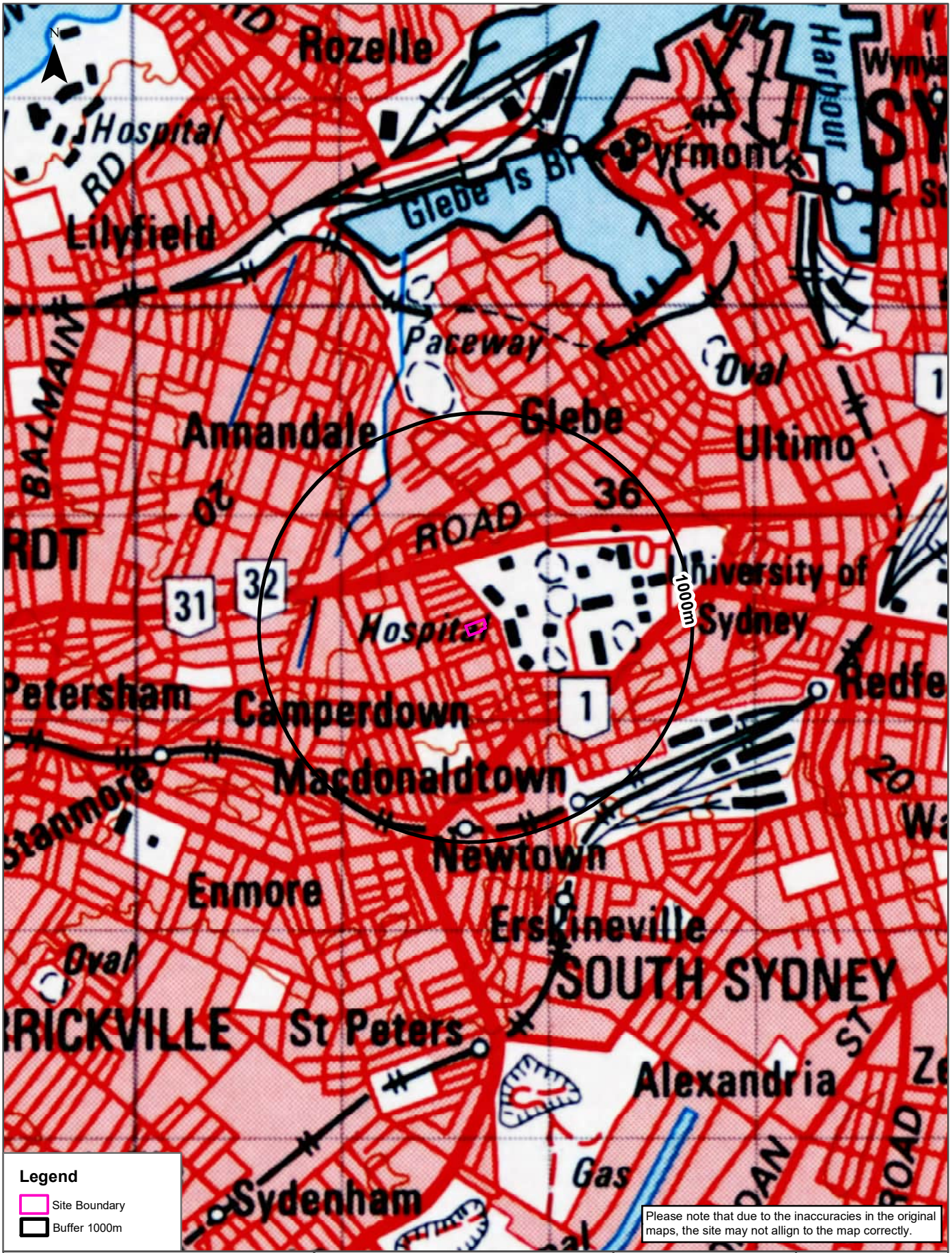
Aerial Imagery 1930

81 Missenden Road, Camperdown, NSW 2050



Historical Map 1975

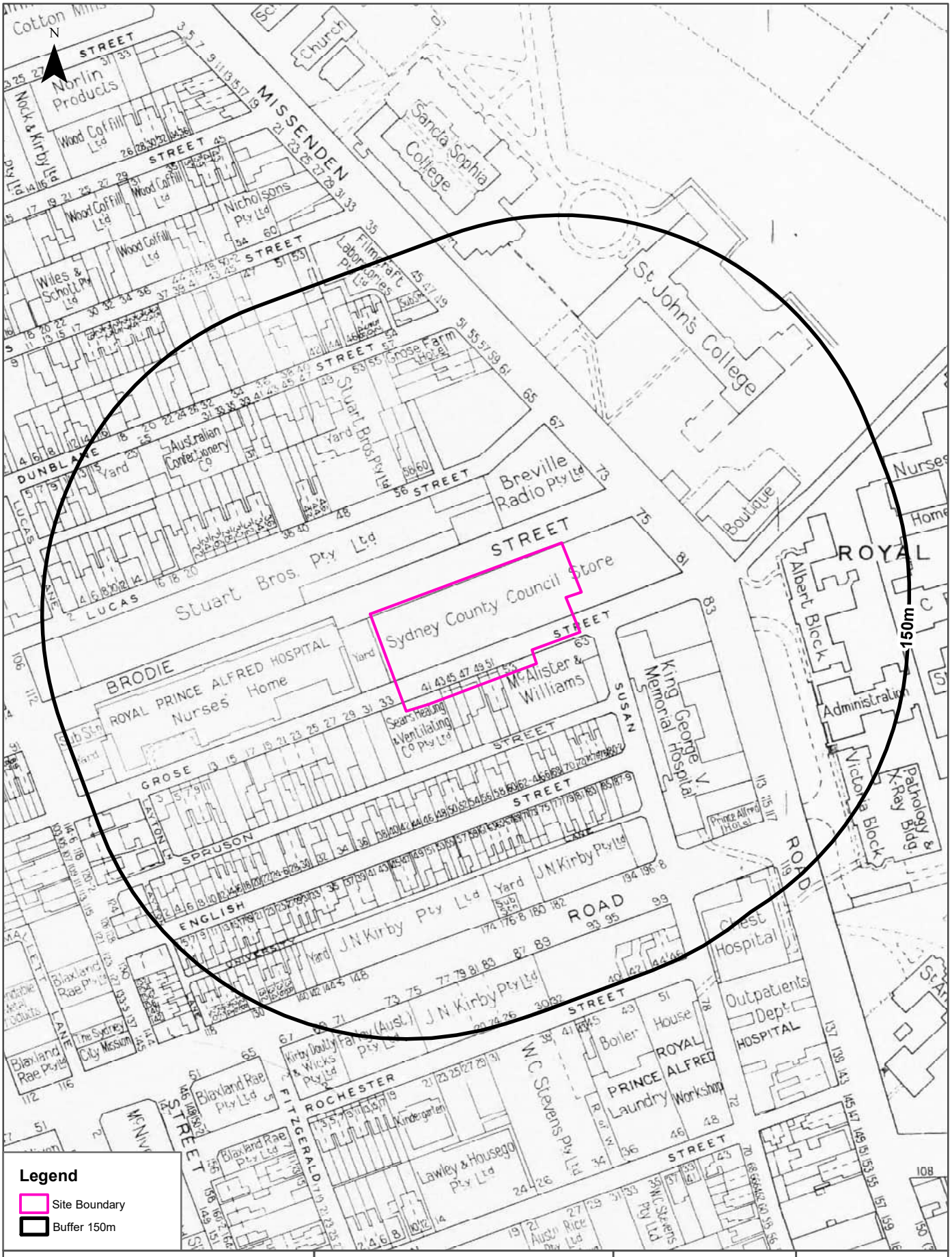
81 Missenden Road, Camperdown, NSW 2050



Scale: 0 290 580 870 1,160 Meters	Data Sources: NATMAP 1:100,000 Topographic Maps Geoscience Australia	Coordinate System: GDA 1994 MGA Zone 56	Date: 26 May 2025

Historical Map 1956

81 Missenden Road, Camperdown, NSW 2050



Legend

- Site Boundary
- Buffer 150m

Scale: 0 25 50 75 100 Meters

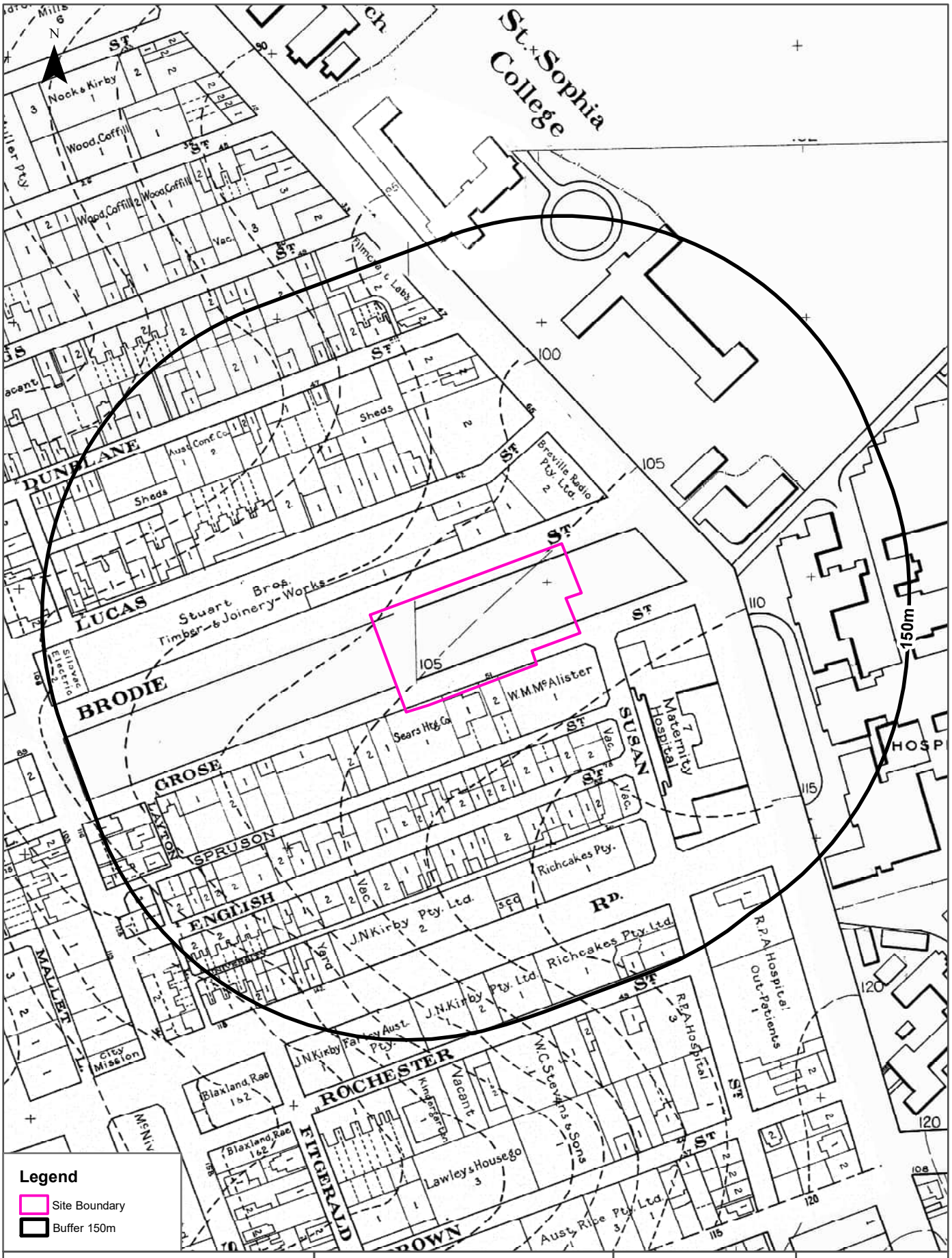
Data Sources: City Building Surveyor Sheets Building Regulation Branch - City Building Surveyor's Department, Council of the City of Sydney

Coordinate System: GDA 1994 MGA Zone 56

Date: 26 May 2025

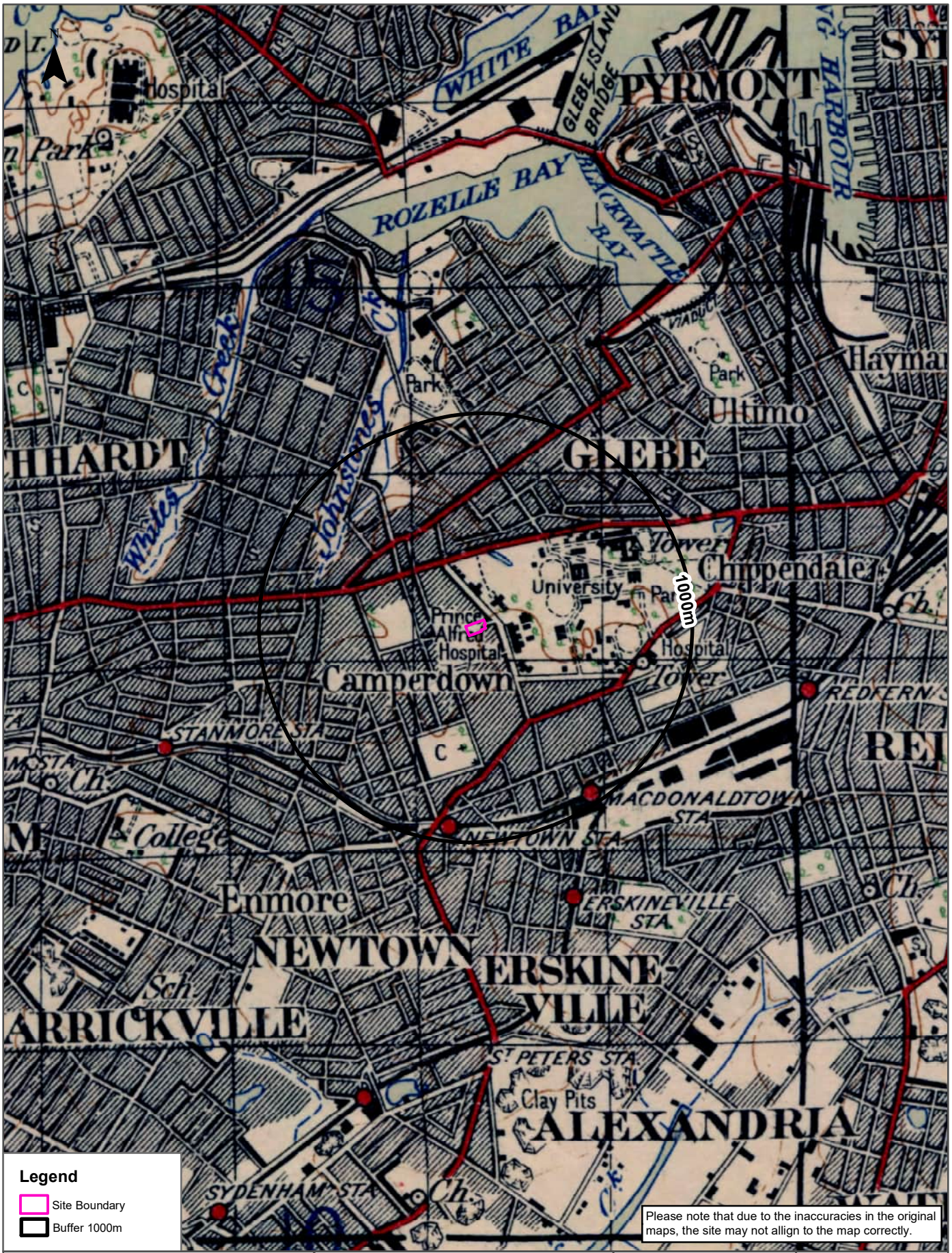
Historical Map 1938 - 1950

81 Missenden Road, Camperdown, NSW 2050



Historical Map c.1936

81 Missenden Road, Camperdown, NSW 2050

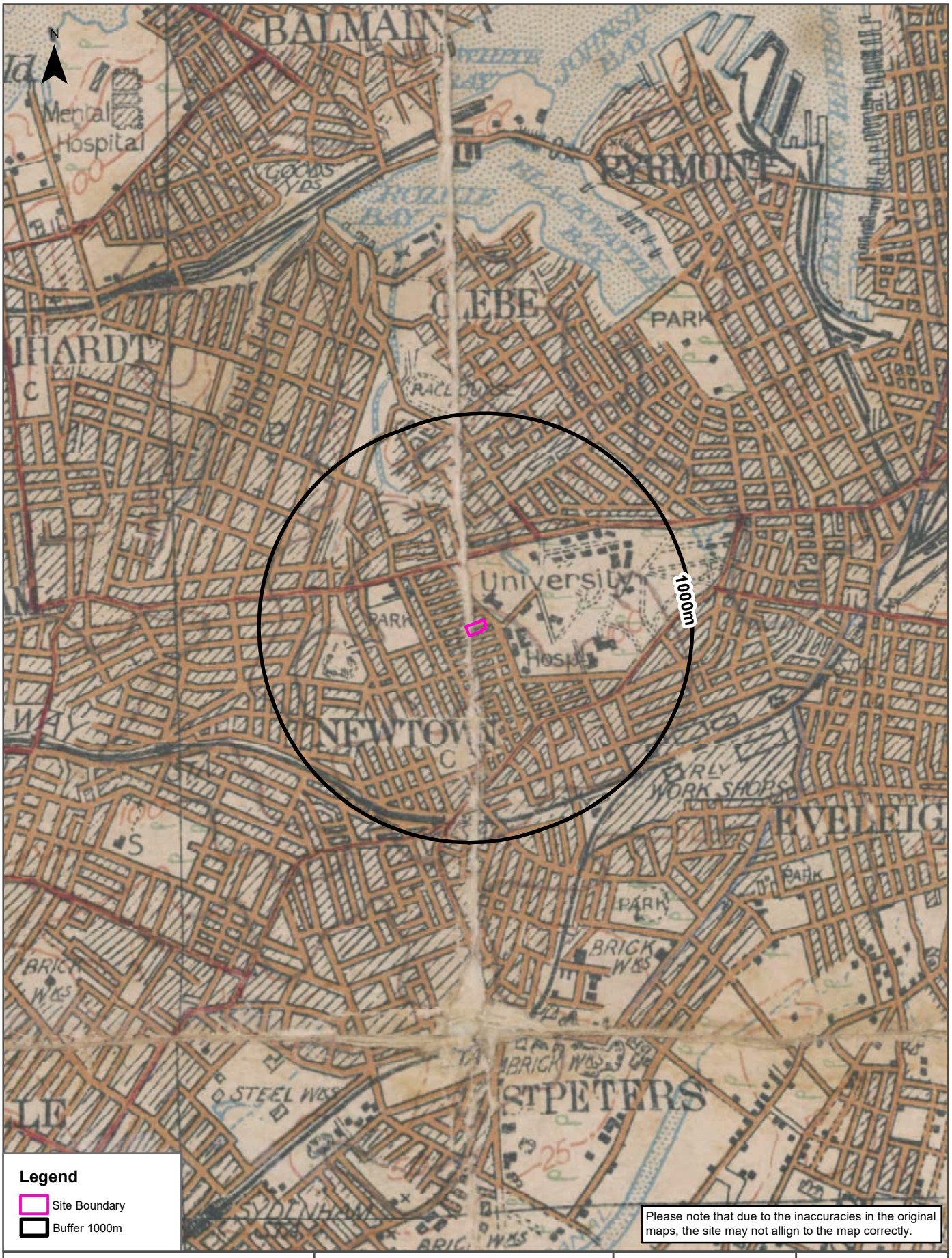


Scale:	Data Sources: Australia 1:63360 Produced by Australian Section Imperial General Staff	Coordinate System: GDA 1994 MGA Zone 56	Date: 26 May 2025

0 290 580 870 1,160 Meters

Historical Map c.1917

81 Missenden Road, Camperdown, NSW 2050



Scale: 0 290 580 870 1,160 Meters

Data Sources: Australia 1:63360
Produced by Australian Section Imperial General Staff

Coordinate System:
GDA 1994 MGA Zone 56

Date: 26 May 2025

Topographic Features

81 Missenden Road, Camperdown, NSW 2050

Scale: 0 100 200 400 600 Meters

Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2025

Coordinate System: GDA 1994 MGA Zone 56

Date: 27 May 2025

Topographic Features

81 Missenden Road, Camperdown, NSW 2050

Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
1984658	Psychiatric Hospital	PROFESSOR MARIE BASHIR CENTRE	25m	North West
1975497	Community Medical Centre	ROYAL PRINCE ALFRED HOSPITAL KGV BUILDING	60m	South East
1902472	Suburb	CAMPERDOWN	62m	East
1964078	Special School	ROYAL PRINCE ALFRED HOSPITAL SCHOOL	64m	West
1978728	General Hospital	ROYAL PRINCE ALFRED INSTITUTE OF RHEUMATOLOGY & ORTHOPAEDICS	71m	North
1876674	General Hospital	ROYAL PRINCE ALFRED HOSPITAL	120m	East
1919505	Community Facility	PAGE CHEST CLINIC	155m	South East
1876680	Post Office	MISSENDEN ROAD POST OFFICE	160m	South East
1975496	Community Medical Centre	YOUTHBLOCK HEALTH AND RESOURCE BUILDING	176m	West
1978736	General Hospital	CHRIS O'BRIEN LIFEHOUSE	178m	South East
1978795	Community Medical Centre	CAMPERDOWN EARLY CHILDHOOD HEALTH CENTRE	195m	South West
1978796	Community Medical Centre	CAMPERDOWN CHILD ADOLESCENT FAMILY HEALTH CENTRE	195m	South West
1983988	Helipad	Helipad	231m	East
1957249	University	THE UNIVERSITY OF SYDNEY MALLETT ST CAMPUS	232m	West
1854152	Sports Field	ST JOHNS OVAL	246m	North East
1876667	Place Of Worship	CATHOLIC CHURCH	255m	North
1876668	Child Care Centre	CAMPERDOWN CHILD CARE CENTRE	278m	North
1854155	University	THE UNIVERSITY OF SYDNEY CAMPERDOWN CAMPUS	280m	North East
1987290	General Hospital	SYDNEY DAY SURGERY PRINCE ALFRED	334m	South East
1876673	Sports Field	ST ANDREWS OVAL	353m	East
1995481	Sports Field	CAMPERDOWN PARK	368m	West
1971471	Embassy	CONSULATE-GENERAL OF THE REPUBLIC OF SLOVENIA	369m	North
1876653	Community Facility	CAMPERDOWN BOWLING AND RECREATION CLUB	369m	West
1876671	Sports Field	UNIVERSITY OVAL NUMBER ONE	370m	East
1980621	Art Gallery	CHRISSIE COTTER GALLERY	383m	West
1876651	Sports Centre	SYDNEY CENTRE FOR TENNIS	386m	West
1995480	Sports Field	BOWLING GREENS	398m	West
1876652	Sports Court	BASKETBALL COURTS	418m	West
1903187	Urban Place	THE UNIVERSITY OF SYDNEY	421m	North East
1876670	Sports Field	UNIVERSITY OVAL NUMBER TWO	428m	North East
1987158	Park	ST JOHNS OVAL	437m	North

Map Id	Feature Type	Label	Distance	Direction
1977164	Community Facility	BOOLER COMMUNITY CENTRE	442m	North West
1995610	Park	DAMUN PLAYGROUND	450m	West
1990879	High School	GOAL COLLEGE	454m	North East
1963888	Primary School	NEWTOWN NORTH PUBLIC SCHOOL	459m	South East
1964064	Special School	BRIDGE ROAD SCHOOL	500m	West
1985241	Community Facility	GLEBE MORGUE	516m	North East
1995552	Park	W J THURBON PLAYGROUND	527m	South
1995551	Park	W J THURBON PLAYGROUND	547m	South
1876654	Park	PETER COTTER RESERVE	551m	South West
1876657	Place Of Worship	ST STEPHEN'S ANGLICAN CHURCH	553m	South
1854148	Cemetery	ST STEPHENS CEMETERY	583m	South
1993992	Roadside Emergency Telephone	EXP21140	603m	South West
1993990	Roadside Emergency Telephone	EXP21139	608m	West
1876658	Place Of Worship	BAPTIST CHURCH	608m	South
1956848	Place Of Worship	SALVATION ARMY CHURCH	616m	North East
1993994	Roadside Emergency Telephone	EXP21141	616m	South West
1993991	Roadside Emergency Telephone	EXP21140	617m	South West
1956950	Place Of Worship	FOURSQUARE GOSPEL CHURCH	623m	South West
1854150	Park	O'DEA RESERVE	624m	West
1993989	Roadside Emergency Telephone	EXP21139	626m	West
1956952	Place Of Worship	SYNAGOGUE	629m	South East
1994054	Roadside Emergency Telephone	VXP21102	630m	West
1993993	Roadside Emergency Telephone	EXP21141	632m	South West
1994053	Roadside Emergency Telephone	VXP21102	635m	West
1876687	Park	MICHAEL KELLY REST AREA	643m	South East
1876672	Sports Court	TENNIS COURTS	645m	East
1993988	Roadside Emergency Telephone	EXP21138	646m	West
1995367	Park	DAMUN PLAYGROUND	648m	South
1993996	Roadside Emergency Telephone	EXP21142	649m	South West
1993987	Roadside Emergency Telephone	EXP21138	662m	West
1993995	Roadside Emergency Telephone	EXP21142	663m	South West
1854154	Sports Field	ST PAULS OVAL	677m	East
1876663	Library	NEWTOWN LIBRARY	677m	South
1977187	Community Facility	BROWN STREET COMMUNITY HALL	680m	South
1995474	Park	CALDWELL PLAYGROUND	685m	North
1995485	Park	W J THURBON PLAYGROUND	687m	South
1876679	Post Office	SYDNEY UNIVERSITY POST OFFICE	687m	North East

Map Id	Feature Type	Label	Distance	Direction
1995366	Park	CAMPERDOWN MEMORIAL REST PARK	687m	South
1993998	Roadside Emergency Telephone	EXP21143	704m	South West
1993986	Roadside Emergency Telephone	EXP21137	712m	West
1993997	Roadside Emergency Telephone	EXP21143	716m	South West
1963887	Primary School	AUSTRALIA STREET INFANTS SCHOOL	719m	South
1993985	Roadside Emergency Telephone	EXP21137	725m	West
1995456	Park	FLEMING PLAYGROUND	731m	South West
1994666	Special School	MACKILLOP EDUCATION WARANARA SCHOOL	731m	West
1876686	Park	JACK HAYNES RESERVE	734m	South East
1902465	Urban Place	MACDONALDTOWN	736m	South East
1853872	Park	HOLLIS PARK	750m	South East
1995482	Park	GEORGE SMITH PLAYGROUND	755m	South West
1977909	Preschool	AUSTRALIA STREET INFANTS PUBLIC SCHOOL PRESCHOOL	757m	South
1876665	Place Of Worship	UNITING CHURCH	761m	South
1963879	Primary School	FOREST LODGE PUBLIC SCHOOL	762m	North
1993984	Roadside Emergency Telephone	EXP21136	770m	West
1994000	Roadside Emergency Telephone	EXP21144	773m	South West
1993983	Roadside Emergency Telephone	EXP21136	780m	West
1876659	Fire Station	NEWTOWN FIRE STATION	784m	South
1984014	Park	DOUGLAS GRANT PARK	784m	North West
1919436	Community Facility	GLEBE TOWN HALL	788m	North East
1993999	Roadside Emergency Telephone	EXP21144	790m	South West
1977186	Community Facility	GLEBE NEIGHBOURHOOD SERVICE CENTRE	792m	North East
1956787	Place Of Worship	UNITING CHURCH	795m	West
1962311	Park	BADU PARK	802m	North West
1876660	Police Station	NEWTOWN POLICE STATION	802m	South
1876661	Court House	NEWTOWN COURT HOUSE	826m	South
1956828	Place Of Worship	CATHOLIC CHURCH	833m	South East
1853705	Park	Park	833m	South
1902470	Suburb	FOREST LODGE	836m	North
1963705	Primary School	DARLINGTON PUBLIC SCHOOL	837m	South East
1965236	Combined Primary-Secondary School	THE ATHENA SCHOOL	850m	South West
1995484	Park	GARAVEL PLAYGROUND	851m	South West
1994002	Roadside Emergency Telephone	EXP21145	853m	South West
1993982	Roadside Emergency Telephone	EXP21135	862m	West
1994001	Roadside Emergency Telephone	EXP21145	865m	South West
1853729	Park	RESIDENTS PARK	870m	North East

Map Id	Feature Type	Label	Distance	Direction
1993981	Roadside Emergency Telephone	EXP21135	872m	West
1876662	Community Facility	NEWTOWN TOWN HALL	876m	South
1977914	Preschool	DARLINGTON PUBLIC SCHOOL PRESCHOOL	889m	South East
1876688	Park	Park	893m	South East
1854156	Library	FISHER LIBRARY SYDNEY UNIVERSITY	908m	East
1902464	Urban Place	GOLDEN GROVE	912m	South East
1876666	Railway Station	NEWTOWN RAILWAY STATION	923m	South
1995483	Park	OXFORD STREET PLAYGROUND	931m	South West
1876655	Place Of Worship	CATHOLIC CHURCH	942m	South West
1994004	Roadside Emergency Telephone	EXP21146	943m	South
1956504	Place Of Worship	BUDDHIST TEMPLE	943m	North West
1876669	Sports Court	TENNIS COURTS	947m	North East
1876675	Railway Station	MACDONALDTOWN RAILWAY STATION	954m	South East
1994003	Roadside Emergency Telephone	EXP21146	957m	South
1876656	Park	NORTON RUSSELL PLAYGROUND	960m	South West
1993980	Roadside Emergency Telephone	EXP21134	964m	West
1993979	Roadside Emergency Telephone	EXP21134	970m	West
1981235	Park	PLAYGROUND	978m	North West
1876664	Post Office	NEWTOWN POST OFFICE	985m	South
1876562	Fire Station	GLEBE FIRE STATION	986m	North East
1876677	Sports Centre	UNIVERSITY OF SYDNEY SPORTS AQUATIC CENTRE	989m	East
1876689	Park	GREEN BANS PARK	991m	South

Topographic Features

81 Missenden Road, Camperdown, NSW 2050

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
N/A	No records in buffer					

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					

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
153878235	Primary	Right of way		502m	West
179470178	Primary	Right of way	VAR	609m	North
158250264	Primary	Right of way	3.5 Wide	755m	North West
120118135	Primary	Undefined		852m	South East
153490446	Primary	Right of way		900m	South
179797360	Primary	Right of way	Var.	930m	West
120112032	Primary	Undefined		951m	North

Topographic Features

81 Missenden Road, Camperdown, NSW 2050

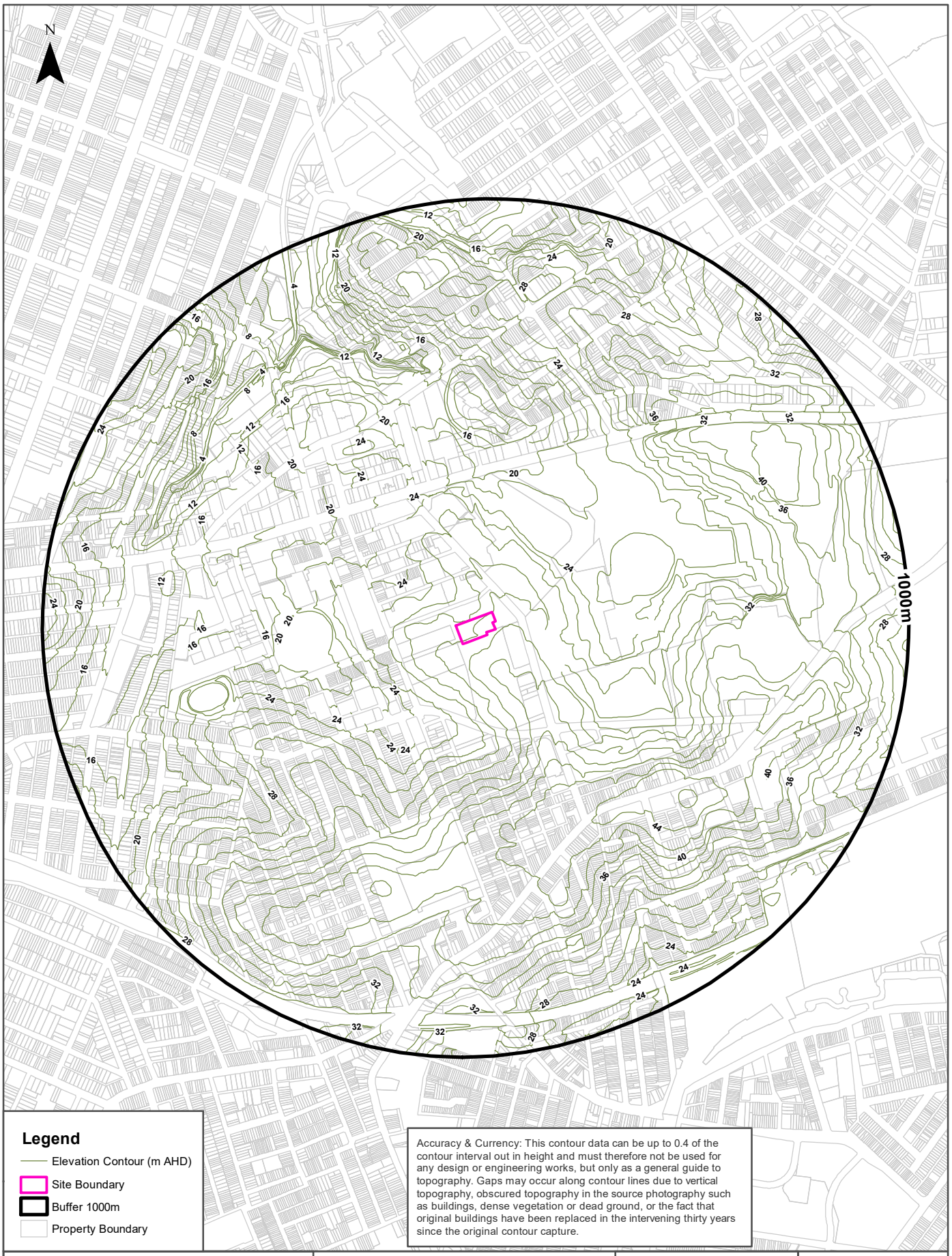
State Forest

What State Forest exist within the dataset buffer?

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

Elevation Contours (m AHD)

81 Missenden Road, Camperdown, NSW 2050



Hydrogeology & Groundwater

81 Missenden Road, Camperdown, NSW 2050

Hydrogeology

Description of aquifers within the dataset buffer:

Description	Distance	Direction
Porous, extensive highly productive aquifers	0m	On-site

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

Temporary Water Restriction (Botany Sands Groundwater Source) Order 2024

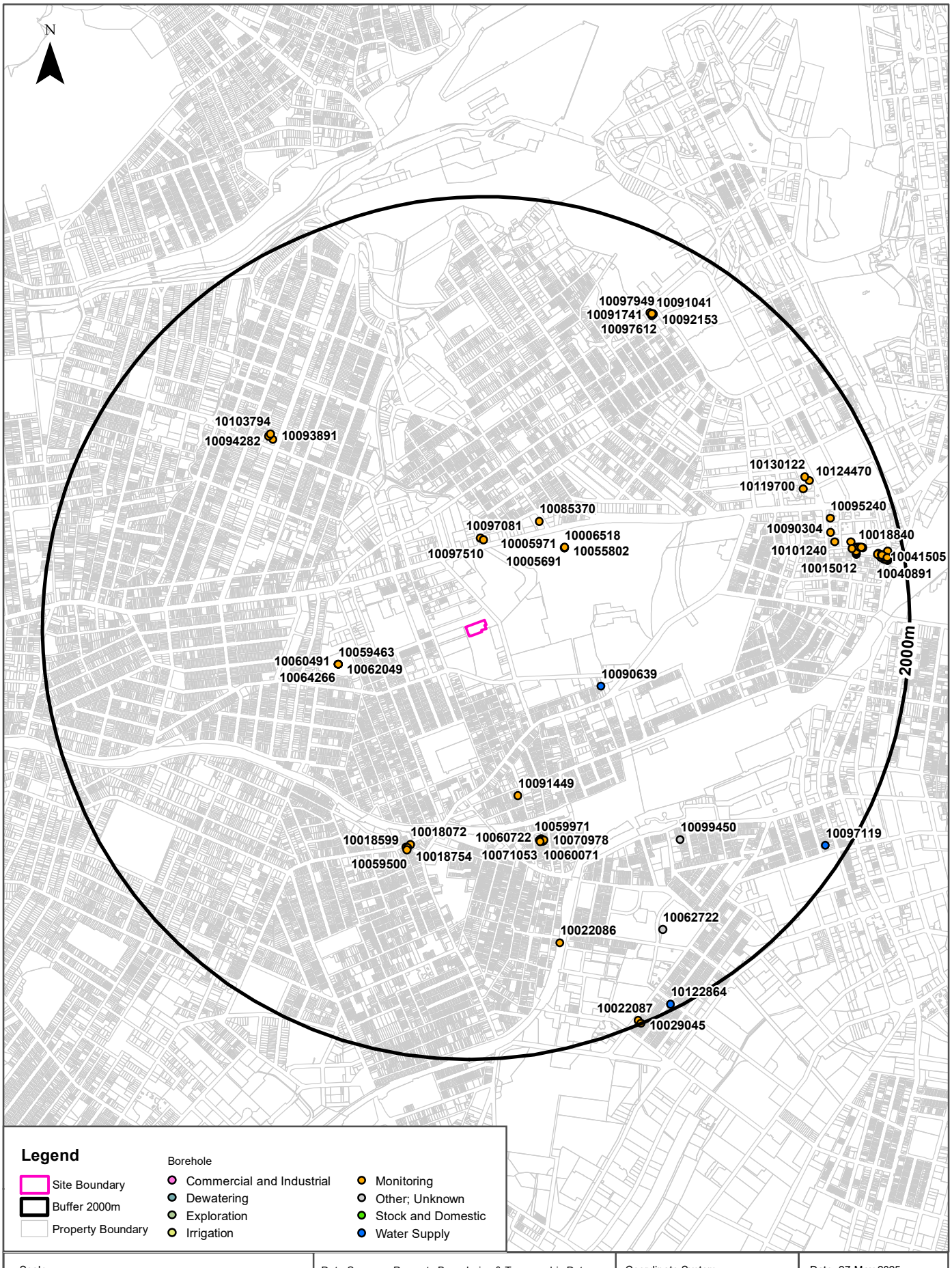
Temporary water restrictions relating to the Botany Sands aquifer within the dataset buffer:

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

Temporary Water Restriction (Botany Sands Groundwater Source) Order 2024 Data Source : NSW Department of Primary Industries

Groundwater Boreholes

81 Missenden Road, Camperdown, NSW 2050



Hydrogeology & Groundwater

81 Missenden Road, Camperdown, NSW 2050

Groundwater Boreholes

Boreholes within the dataset buffer:

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation	Height Datum	Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10097510	GW109230	Monitoring	Unknown	18/08/2008	1.80		AHD				378m	North
10097081	GW109231	Monitoring	Unknown	18/08/2008	3.20		AHD				387m	North
10006518	GW116424	Monitoring	Functioning	22/09/2017	5.00		AHD				509m	North East
10005691	GW116421	Monitoring	Functioning	22/09/2017	5.30		AHD				510m	North East
10005971	GW116421	Monitoring	Functioning	22/09/2017	5.30		AHD				510m	North East
10055802	GW116422	Monitoring	Functioning	22/09/2017	5.30		AHD				513m	North East
10085370	GW111408	Monitoring	Functional	05/02/2011	4.40		AHD			2.07	533m	North East
10090639	GW110247	Water Supply	Unknown	16/07/2009	210.00		AHD	4400	0.130	31.00	608m	South East
10060491	GW103261	Monitoring	Functional	20/01/2000	7.40		AHD	972			627m	West
10064266	GW103260	Monitoring	Functional	18/01/2000	10.70		AHD				627m	West
10059463	GW103258	Monitoring	Functional	18/01/2000	7.00		AHD	795			628m	West
10062049	GW103259	Monitoring	Functional	11/12/2000	2.50		AHD				628m	West
10091449	GW105317	Monitoring	Unknown	21/03/2003	6.50		AHD			1.70	788m	South
10059971	GW109729	Monitoring	Unknown	02/09/2003	6.00		AHD	1000		1.40	1017m	South
10060722	GW109731	Monitoring	Unknown	28/08/2003	6.00		AHD	1000		1.10	1021m	South
10018072	GW111350	Monitoring	Unknown	23/10/2007	7.50		AHD				1024m	South
10071053	GW109732	Monitoring	Unknown	02/09/2003	4.30		AHD	1000		1.50	1027m	South
10070978	GW109730	Monitoring	Unknown	28/08/2003	6.50		AHD	1000		1.00	1028m	South
10060071	GW109733	Monitoring	Unknown	05/09/2003	2.40		AHD	1000		1.40	1029m	South
10018754	GW111352	Monitoring	Unknown	24/10/2007	8.00		AHD			7.70	1040m	South
10018599	GW111351	Monitoring	Unknown	23/10/2007	9.00		AHD				1042m	South
10059500	GW111353	Monitoring	Unknown	24/10/2007	7.00		AHD			2.50	1052m	South
10093891	GW110496	Monitoring	Unknown	16/06/2009	4.00		AHD			1.75	1267m	North West
10094282	GW110497	Monitoring	Unknown	17/06/2009	4.00		AHD			2.40	1294m	North West
10103794	GW110498	Monitoring	Unknown	17/06/2009	4.00		AHD			2.30	1296m	North West
10099450	GW105938	Unknown	Unknown	20/05/2005			AHD				1357m	South East
10022086	GW114919	Monitoring	Functional	11/01/2012	3.00		AHD				1513m	South
10119700	GW109646	Monitoring	Unknown	03/05/2008	8.20		AHD	1258	1.000	5.93	1628m	North East
10097612	GW110371	Monitoring	Unknown	24/04/2001	4.00		AHD			0.70	1642m	North East
10062722	GW110351	Other	Unknown	01/01/1975	60.00		AHD		1.000	25.00	1647m	South East

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation	Height Datum	Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10091741	GW110373	Monitoring	Unknown	24/04/2001	4.00		AHD			0.60	1648m	North East
10097949	GW110370	Monitoring	Unknown	24/04/2001	4.00		AHD			0.60	1649m	North East
10091041	GW110374	Monitoring	Unknown	24/04/2001	4.00		AHD				1651m	North East
10092153	GW110372	Monitoring	Unknown	24/04/2001	4.00		AHD			0.60	1651m	North East
10130122	GW109649	Monitoring	Unknown	03/05/2008	7.20		AHD	869	1.000	2.95	1659m	North East
10124470	GW109648	Monitoring	Unknown	03/05/2008	6.20		AHD	1302	0.500	5.23	1671m	North East
10090304	GW109502	Monitoring	Unknown	01/03/2007	6.40		AHD			2.18	1685m	East
10101240	GW109503	Monitoring	Unknown	01/03/2007	5.20		AHD			2.24	1692m	East
10095240	GW109501	Monitoring	Unknown	01/03/2007	6.00		AHD			2.30	1703m	East
10021162	GW113861	Monitoring	Functional	30/07/2003	6.50		AHD				1766m	East
10043749	GW113880	Monitoring	Functional	20/08/2004	5.00		AHD				1767m	East
10015012	GW113862	Monitoring	Functional	28/07/2003	3.80		AHD				1781m	East
10018320	GW113863	Monitoring	Functional	16/09/2003	4.60		AHD				1781m	East
10015013	GW113866	Monitoring	Functional	18/02/2014	3.00		AHD				1782m	East
10018707	GW113864	Monitoring	Functional	22/07/2003	4.50		AHD				1782m	East
10021163	GW113865	Monitoring	Functional	21/07/2003	6.50		AHD				1782m	East
10016953	GW113868	Monitoring	Functional	18/02/2014	3.70		AHD				1783m	East
10018321	GW113867	Monitoring	Functional	22/07/2003	3.50		AHD				1783m	East
10014393	GW113869	Monitoring	Functional	29/07/2003	6.00		AHD				1784m	East
10019726	GW113870	Monitoring	Functional	07/11/2003	4.80		AHD				1784m	East
10018940	GW113871	Monitoring	Functional	08/11/2003	6.00		AHD				1785m	East
10018840	GW113872	Monitoring	Functional	16/09/2003	8.00		AHD				1796m	East
10046818	GW113876	Monitoring	Functional	25/07/2003	7.80		AHD				1801m	East
10052854	GW113877	Monitoring	Functional	28/07/2003	5.50		AHD				1810m	East
10041126	GW113878	Monitoring	Functional	07/11/2003	7.00		AHD				1818m	East
10067967	GW113887	Monitoring	Functional	05/10/2004	5.70		AHD				1880m	East
10058307	GW113888	Monitoring	Functional	05/10/2004	5.50		AHD				1884m	East
10021854	GW113859	Monitoring	Functional	15/09/2003	6.10		AHD				1890m	East
10047496	GW113886	Monitoring	Functional	01/10/2004	5.80		AHD				1892m	East
10117564	GW113858	Monitoring	Functional	19/09/2003	6.30		AHD				1897m	East
10058087	GW113889	Monitoring	Functional	05/10/2004	6.70		AHD				1899m	East
10124855	GW113857	Monitoring	Functional	23/07/2003	6.00		AHD				1900m	East
10041504	GW113881	Monitoring	Functional	20/08/2004	6.10		AHD				1902m	East
10097119	GW106192	Water Supply	Functioning	10/12/2004	6.00		AHD	Good	0.500	4.00	1904m	South East
10047495	GW113882	Monitoring	Functional	20/08/2004	6.10		AHD				1907m	East
10043750	GW113884	Monitoring	Functional	20/08/2004	6.80		AHD				1911m	East
10044808	GW113875	Monitoring	Functional	30/07/2003	7.50		AHD				1911m	East

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation	Height Datum	Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10068400	GW113890	Monitoring	Functional	09/10/2005	6.00		AHD				1911m	East
10100495	GW109500	Monitoring	Unknown	01/03/2007	4.80		AHD			2.30	1911m	East
10043353	GW113873	Monitoring	Functional	26/07/2003	6.00		AHD				1912m	East
10047011	GW113874	Monitoring	Functional	19/09/2003	7.00		AHD				1912m	East
10058255	GW113891	Monitoring	Functional	09/10/2005	6.80		AHD				1915m	East
10067968	GW113892	Monitoring	Functional	09/10/2005	7.00		AHD				1918m	East
10041505	GW113885	Monitoring	Functional	20/08/2004	7.00		AHD				1920m	East
10124948	GW113856	Monitoring	Functional	23/07/2003	6.20		AHD				1920m	East
10065448	GW113893	Monitoring	Functional	11/10/2005	8.50		AHD				1921m	East
10040891	GW113883	Monitoring	Functional	20/08/2004	6.10		AHD				1922m	East
10120160	GW113855	Monitoring	Functional	22/07/2003	5.00		AHD				1922m	East
10018706	GW113860	Monitoring	Functional	16/09/2003	6.50		AHD				1925m	East
10047494	GW113879	Monitoring	Functional	25/07/2003	5.30		AHD				1928m	East
10122864	GW111164	Water Supply	Functioning	22/10/2010	8.00		AHD				1975m	South East
10022087	GW114986	Monitoring	Functional	21/06/2011	6.00		AHD				1981m	South
10029045	GW114984	Monitoring	Functional	09/09/2011	6.00		AHD			2.70	1999m	South East

Hydrogeology & Groundwater

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Driller's Logs

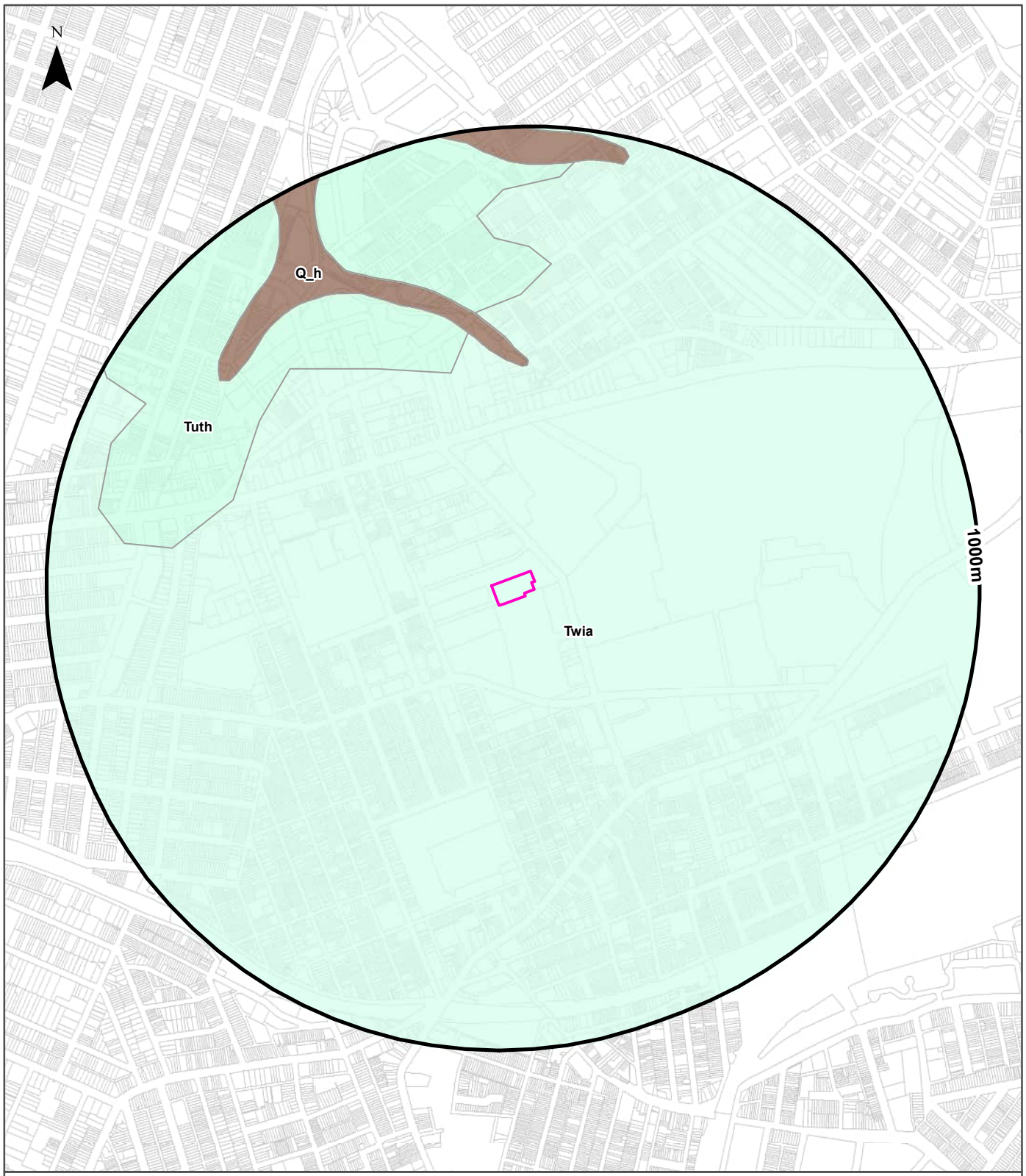
Drill log data relevant to the boreholes within the dataset buffer:

NGIS Bore ID	Drillers Log	Distance	Direction
10085370	0.00m-0.22m CONCRETE SLAB 0.22m-0.50m GRAVEL ROADBASE 0.50m-1.10m FILLING,GREY BROWN AND GREY,SILTY CLAY 1.10m-4.40m CLAY,GREY,SILTY WITH TRACE OF IRONSTONE,GRAVEL,DAMP	533m	North East
10090639	0.00m-2.00m CLAY BROWN 2.00m-4.50m CLAY GREY 4.50m-22.00m SHALE GREY 22.00m-23.00m SHALE SOFT 23.00m-33.00m SHALE HARD 33.00m-74.00m SANDSTONE GREY 74.00m-76.00m SANDSTONE AND QUARTZ FINE 76.00m-134.00m SANDSTONE GREY 134.00m-135.50m SANDSTONE QUARTZ FINE 135.50m-153.50m SANDSTONE GREY 153.50m-154.00m SANDSTONE QUARTZ FINE 154.00m-168.00m SANDSTONE GREY 168.00m-170.00m SANDSTONE SHALE BEDDING 170.00m-188.00m SANDSTONE GREY 188.00m-188.50m SANDSTONE QUARTZ 188.50m-210.00m SANDSTONE GREY	608m	South East
10060491	0.00m-7.40m FILL	627m	West
10064266	0.00m-8.70m FILL 8.70m-10.20m SHALE	627m	West
10059463	0.00m-6.20m FILL 6.20m-7.00m SHALE	628m	West
10091449	0.00m-1.10m FILL,SILTY, SANDY CLAY 1.10m-6.50m SILTY CLAY,HIGH PLASTICITY	788m	South
10059971	0.00m-0.20m PAVERS,CONCRETE 0.20m-0.70m FILL,CLAY,SILTY SOIL, BROWN,BLACK,HARD IN GROUND,DRY,NO ODOUR 0.70m-1.80m CLAY,TIGHT,LIGHT BROWN,HIGH PLASTICITY,DRY,NO ODOUR 1.80m-3.00m CLAY,RED COLOUR,NO ODOUR,DRY 3.00m-4.00m CLAY,NO ODOUR,DRY 4.00m-6.00m CLAY,VERY HOMOGENEOUS	1017m	South
10060722	0.00m-0.50m TOPSOIL,BROWN,DRY,HETEROGENOUS 0.50m-1.00m FILL.SLAG,BLACK,RESIDUAL WHITE CLAY. 1.00m-1.50m CLAY,BROWN,RED,STIFF,NON PLASTIC,DAMP 1.50m-2.00m CLAY, RED/BROWN,STIFF,;NON PLASTIC 2.00m-2.50m CLAY,RED/GREY,STIFF,PLASTIC, DAMP 2.50m-3.00m CLAY,RED/GREY,STIFF,NON PLASTIC 3.00m-4.00m CLAY,RED/GREY,STIFF,NON PLASTIC 4.00m-5.00m CLAY,RED/GREY,STIFF,ON PLASTIC 5.00m-5.50m CLAY,VERY STIFF,NON PLASTIC. 5.50m-6.00m CLAY,BROWN,LOOSE,SOFT,MOIST	1021m	South
10018072	0.00m-0.10m CONCRETE 0.10m-0.50m SAND FINE TO MEDIUM 0.50m-3.00m CLAY BROWN MOTTLED 3.00m-4.00m SHALE,WEATHERED,DRY,FIRM 4.00m-5.00m SHALE EXTREM.WEATHERED,GREY 5.00m-7.50m SHALE, WEATHERED,.GREY,RED COLOURED	1024m	South
10071053	0.00m-0.10m TOPSOIL,SILTY,BLACK,LOOSE,FINE GRAIN,DRY,NO ODOUR 0.10m-1.20m CLAY,LIGHT BROWN,STICKY,STIFF,HIGH PLASTICITY,NO ODOUR 1.20m-2.00m CLAY,RED,ORANGE,STIFF,MODERATE PLASTICITY,DRY,NO ODOUR 2.00m-3.30m CLAY BECOMING LESS PLASTIC,BRITTLE AND DRY WITH DEPTH 3.30m-4.30m CLAY,GREY,WITH IRONSTONE BANDS, SOFT, STIFF,HIGH PLASTICITY,GREY CLAY	1027m	South
10070978	0.00m-0.50m TOPSOIL 0.50m-1.00m CLAY ORANGE,MOIST,FIRM, MODERATE PLASTICITY 1.00m-1.50m CLAY,ORANGE/GREY,VERY STIFF,MODERATE PLASTICITY 1.50m-2.00m CLAY,ORANGE/GREY,VERY STIFF,MODERATE PLASTICITY3 2.00m-3.00m CLAY,GREY,RED,VRY STIFF,NON PLASTIC,DAMP 3.00m-4.00m CLAY,GREY,RED,VRY STIFF,NON PLASTIC 4.00m-4.50m CLAY,GREY/RED,SOME GRAVEL,NON PLASTIC,DAMP 4.50m-5.00m CLAY,WATER AT 4.5m 5.00m-5.50m CLAY,GRAVELLY,GREY/RED,WET,NON PLASTIC,HETEROGENOUS,STIFF 5.50m-6.50m CLAY,BROWN,GREY,WET,HOMOGENOUS	1028m	South

NGIS Bore ID	Drillers Log	Distance	Direction
10060071	0.00m-0.80m FILL,CLAY,SILTY SOIL,CEMENT,GRAVELS,HARD IN GROUND,DRY,NO ODOUR 0.80m-1.50m CLAY,BLACK/GREY SMEARING AND STAINING IN SOIL,HIGH PLASTICITY 1.50m-2.00m CLAY,NATURAL RED COLOURING BECOMING APPARAENT IN SOIL,DRY 2.00m-2.40m CLAY,RED SOIL COLOURING,NO ODOUR	1029m	South
10018754	0.00m-0.10m CONCRETE 0.10m-4.00m CLAY,BRICKS,GRAVELS,FINE SAND,SHALE 4.00m-8.00m SHALE,DARK BROWN,WEATHERED,MOIST	1040m	South
10018599	0.00m-0.10m CONCRETE 0.10m-3.50m CLAY MOTTLED WITH GREY,BRICK RED COLOURED 3.50m-7.50m SHALE GREY,LIGHT BROWN,SEMI WEATHERED 7.50m-9.00m SHALE,HIGHLY WEATHERED,CLAYEY,DARK BROWN	1042m	South
10059500	0.00m-0.10m CONCRETE 0.10m-4.00m CLAY,BROWN,RED,GREY,HARD, MOIST 4.00m-7.00m SHALE,GREY ,DARK BROWN,WEATHERED,NO COLOUR	1052m	South
10093891	0.00m-0.15m CONCRETE 0.15m-0.90m FILL,SAND 0.90m-1.75m CLAY WITH SOME SILT 1.75m-4.00m BEDROCK WEATHERED,SANDSTONE,FINE GRAINED	1267m	North West
10094282	0.00m-0.10m CONCRETE 0.10m-0.35m FILL,SAND,FINE GRINED,L/BROWN 0.35m-1.50m FILL,COBBLY SAND,FINE TO COARSE GRAINED 1.50m-2.70m CLAY, LOW PLASTICITY 2.70m-4.00m WEATHERED BEDROCK,SANDSTONE GREY/BROWN	1294m	North West
10103794	0.00m-0.20m CONCRETE 0.20m-0.80m FILL,SAND,WITH COBBLES AND BRICKS 0.80m-1.70m FILL,CRUSHED SANDSTONE 1.70m-3.30m CLAY,L/PLASTICITY,BROWN AND GREY 3.30m-4.00m WEATHERED BEDROCK,SANDSTONE,GREY	1296m	North West
10119700	0.00m-0.80m FILL,LT GREY,SAND,CONCRETE,BRICK,METAL FRAG. 0.80m-2.80m SILTY CLAY,BROWN,GREY,MED PLASTICITY 2.80m-5.00m CLAYEY SAND,GREY/DARK GREY 5.00m-8.00m SILTY SAND,LT GREY/RED 8.00m-8.20m SANDSTONE,RED,BROWN,WEATHERED,CLAY BANDS	1628m	North East
10097612	0.00m-2.50m FILL,SANDY CLAY 2.50m-3.10m SILT,SATURATED BLACK 3.10m-4.00m SILTY SAND	1642m	North East
10091741	0.00m-1.60m FILL,SANDY CLAY 1.60m-3.40m SILT,SATURATED BLACK 3.40m-3.70m SILTY SAND 3.70m-4.00m SANDY CLAY	1648m	North East
10097949	0.00m-2.10m FILL,SANDY CLAY 2.10m-3.30m SILT,BLACK 3.30m-3.50m SAND CLAYEY 3.50m-4.00m CLAY SANDY	1649m	North East
10091041	0.00m-0.80m SILTY SAND WITH MINOR CLAY 0.80m-2.80m CLAYEY SAND,WITH MINOR GRAVEL 2.80m-4.00m SANDY CLAY WITH MINOR SHELLS	1651m	North East
10092153	0.00m-2.20m FILL,SILTY CLAY 2.20m-2.70m SANDY CLAY 2.70m-3.30m SILT,SOFT BLACK 3.30m-4.00m SILTY SAND	1651m	North East
10130122	0.00m-4.80m FILL,GREY,BROWN,GRAVEL,CLAY,SILT 4.80m-5.90m SILTY SAND,LT GREY,RED,MED COARSE GRAINED 5.90m-7.20m SANDSTONE RED BROWN,WEATHERED WITH CLAY BANDS	1659m	North East
10124470	0.00m-2.90m FILL,BROWN/GREY,LOOSE GRAVEL,CONCRETE,SAND 2.90m-4.90m SILTY CLAY,LT GREY,MOTT.BROWN HIGH PLASTICITY 4.90m-5.80m SILTY SAND,LT GREY,MED COURSE GRAINED 5.80m-6.20m SANDSTONE,RED,BROWN,WEATHERED,CLAY BANDS	1671m	North East
10097119	0.00m-0.30m topsoil 0.30m-2.20m sand, yellow 2.20m-2.30m rock, coffee 2.30m-4.50m sand, brown 4.50m-6.00m sand, grey	1904m	South East
10122864	0.00m-8.00m SAND	1975m	South East
10022087	0.00m-0.10m CONCRETE 0.10m-0.50m SANDS DARK GREY POSSIBLE MIXED WITH FILL 0.50m-0.70m SANDS LIGHT GREY FINE 0.70m-1.10m SANDS DARK BROWN PEATY 1.10m-1.60m SANDS ORANGE TO WHITE 1.60m-2.80m CONVERTED TO A GROUNDWATER MONITORING WELL 2.80m-6.00m CONVERTED TO A GROUNDWATER MONITORING WELL	1981m	South

Geology

81 Missenden Road, Camperdown, NSW 2050



Legend

Linear Geological Structures and Boundaries

Site Boundary	Trendline	Marker Bed	Miscellaneous Boundary
Report Buffer	Fold Axis	Faulted Boundary	Water/Coastline Boundary
Property Boundary	Geological Boundary	Shear Zone or Schist Zone Boundary	State/Territory Border

Scale: 0 100 200 400 600 Meters

Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2025

Coordinate System: GDA 1994 MGA Zone 56

Date: 27 May 2025

Geology

81 Missenden Road, Camperdown, NSW 2050

Geological Units

Geological units within the dataset buffer:

Code	Unit Name	Description	Stratigraphy	Age Range	Dominant Lithology	Dist	Dir
Twia	Ashfield Shale	Black to light grey shale and laminite.	/Wianamatta Group//Ashfield Shale//	Middle Triassic (base) to Middle Triassic (top)	Shale	0m	On-site
Q_h	Anthropogenic deposits	Anthropocene deposits varying from large man-made clasts (concrete blocks to building demolition rubble) to quarried natural boulders, with interstitial sand-sized to clay matrix.	/Anthropogenic deposits////	Quaternary (base) to Now (top)	Anthropogenic material	462m	North West
Tuth	Hawkesbury Sandstone	Medium- to coarse-grained quartz sandstone displaying small- to large-scale, high-angle cross-bedding; minor shale and laminite lenses.	/Ungrouped Triassic units//Hawkesbury Sandstone//	Anisian (base) to Anisian (top)	Sandstone	480m	North West

Geology

81 Missenden Road, Camperdown, NSW 2050

Linear Geological Structures

Fault and shear or schist zone boundaries within the dataset buffer:

Map ID	Boundary Type	Feature Description	Fault Dip Angle	Fault Dip Direction	Dist	Dir
NA	No records in buffer					

Trendlines within the dataset buffer:

Map ID	Feature Description	Observation Method	Structure Name	Dist	Dir
NA	No records in buffer				

Fold axes within the dataset buffer:

Map ID	Feature Description	Observation Method	Structure Name	Dist	Dir
NA	No records in buffer				

Marker beds within the dataset buffer:

Map ID	Feature Description	Rock Unit Description	Dist	Dir
NA	No records in buffer			

Naturally Occurring Asbestos Potential

81 Missenden Road, Camperdown, NSW 2050

Naturally Occurring Asbestos Potential

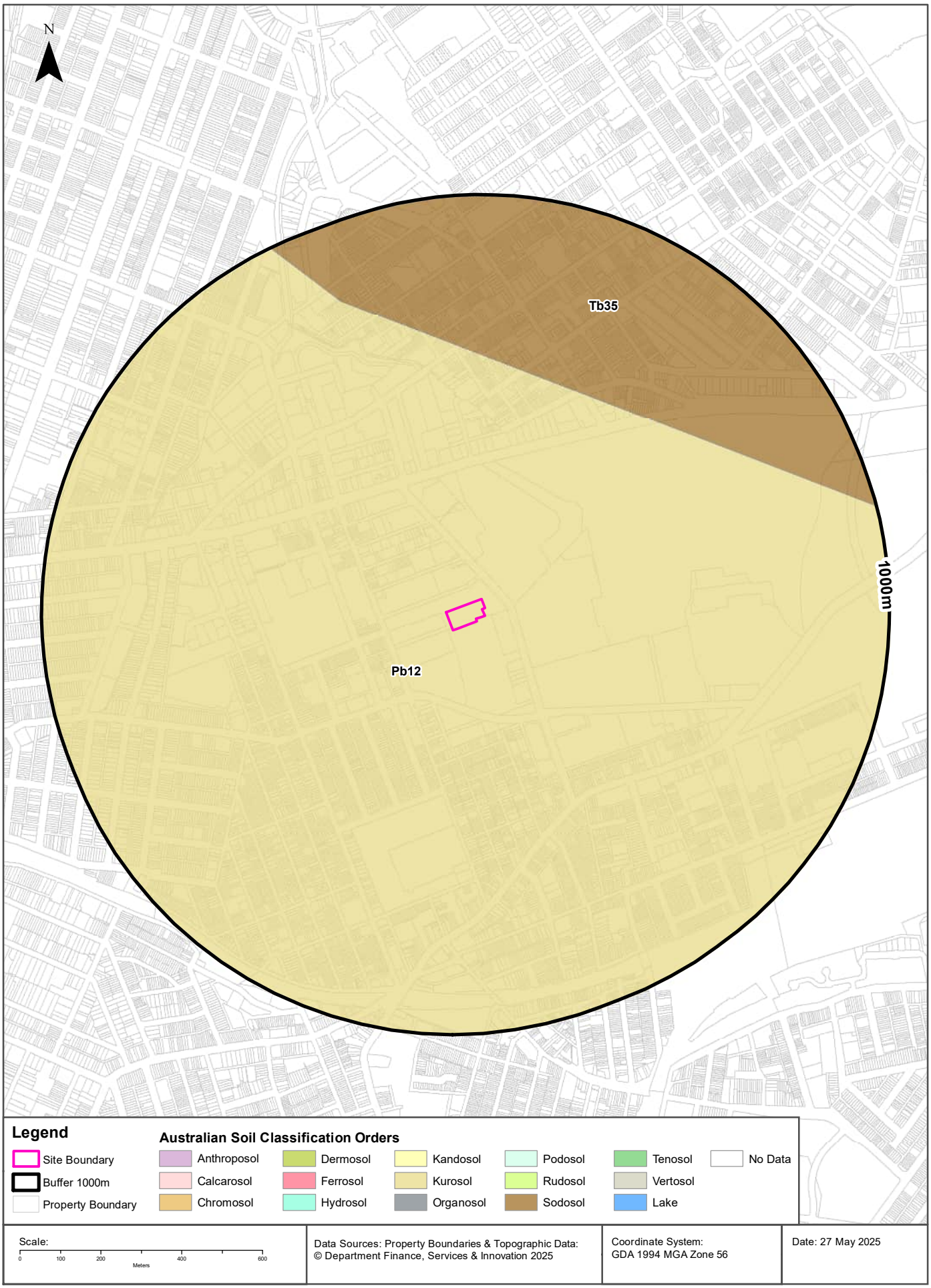
Naturally Occurring Asbestos Potential within the dataset buffer:

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: Statewide Seamless Geology v2.4, NSW Department of Primary Industries and Regional Development

Atlas of Australian Soils

81 Missenden Road, Camperdown, NSW 2050



Soils

81 Missenden Road, Camperdown, NSW 2050

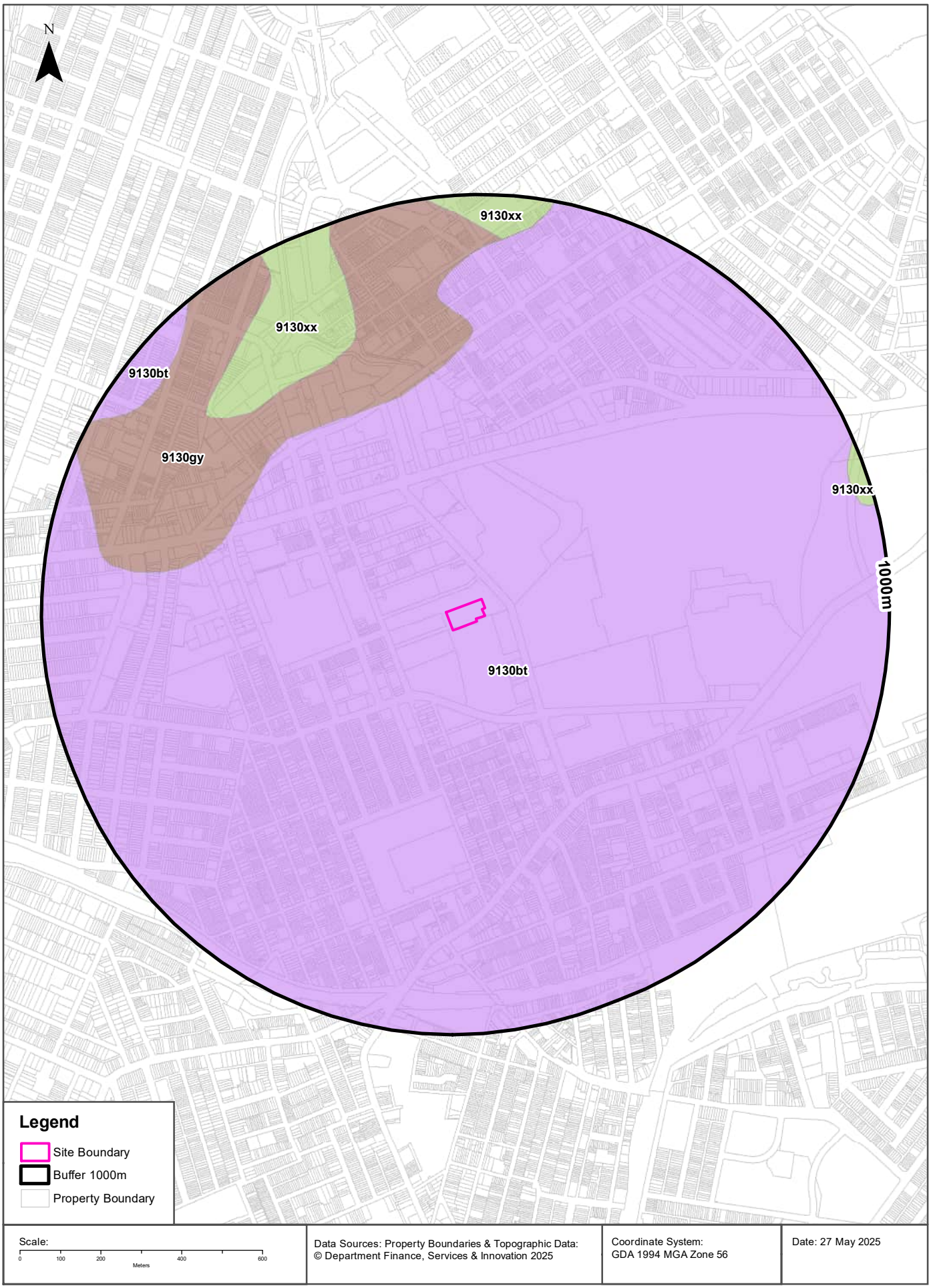
Atlas of Australian Soils

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

Map Unit Code	Soil Order	Map Unit Description	Distance	Direction
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
Tb35	Sodosol	Dissected plateau remnants--flat to undulating ridge tops with moderate to steep side slopes: chief soils are hard acidic yellow and yellow mottled soils (Dy3.41), (Dy2.21), and (Dy2.41) and hard acidic red soils (Dr2.21); many shallow profiles occur and profile thickness varies considerably over short distances. Associated are: (Gn3.54), (Gn3.14), and possibly other (Gn3) soils; (Db1.2) soils on some ridges; (Dy5.81) soils in areas transitional to unit Mb2; soils common to unit Mb2; and eroded lateritic remnants. Small areas of other soils are likely. Flat ferruginous shale or sandstone fragments are common on and/or in and/or below the soils of this unit.	566m	North East

Soil Landscapes of Central and Eastern NSW

81 Missenden Road, Camperdown, NSW 2050



Soils

81 Missenden Road, Camperdown, NSW 2050

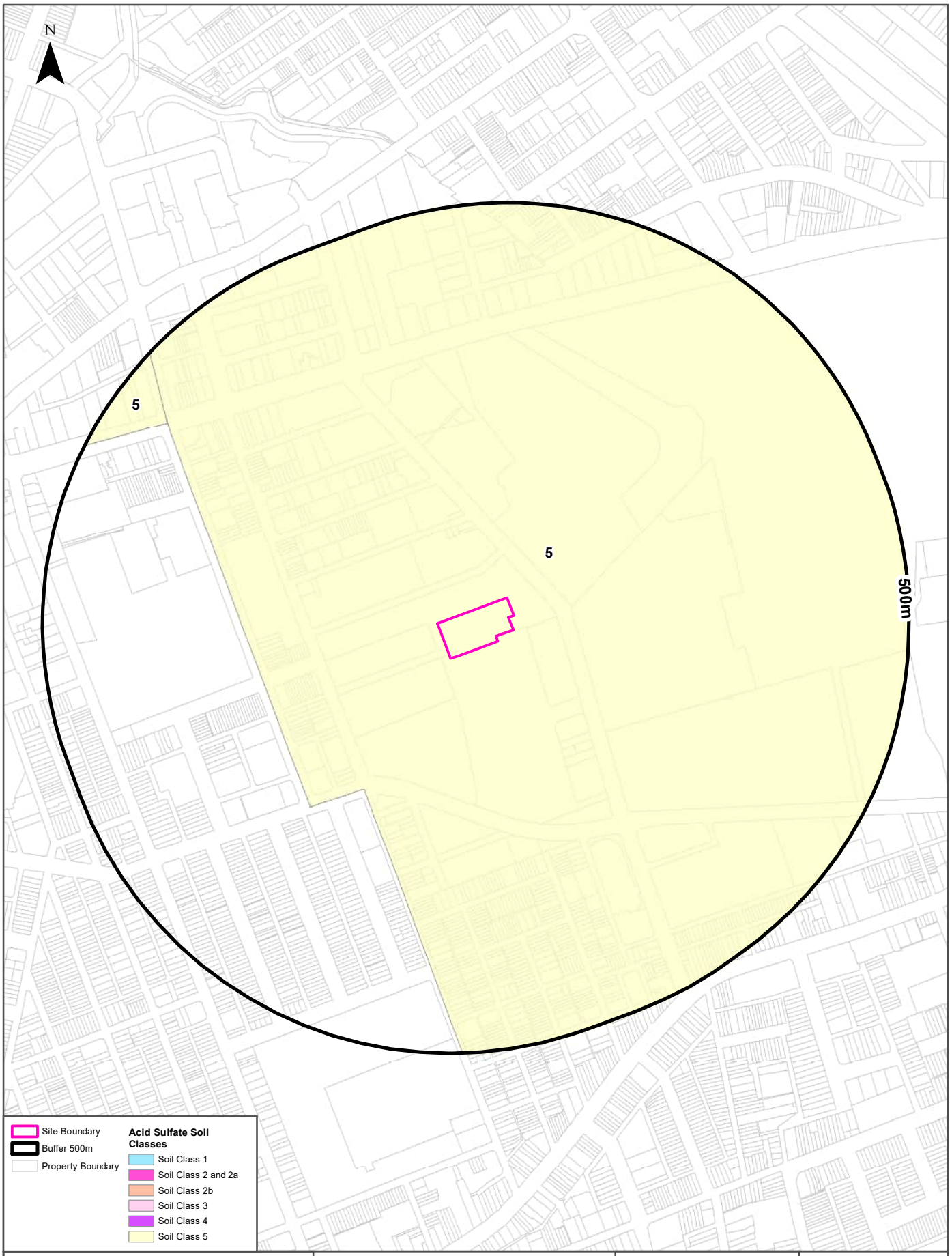
Soil Landscapes of Central and Eastern NSW

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

Soil Code	Name	Distance	Direction
9130bt	Blacktown	0m	On-site
9130gy	Gymea	541m	North West
9130xx	Disturbed Terrain	679m	North West

Acid Sulfate Soils

81 Missenden Road, Camperdown, NSW 2050



Acid Sulfate Soils

81 Missenden Road, Camperdown, NSW 2050

Environmental Planning Instrument - Acid Sulfate Soils

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

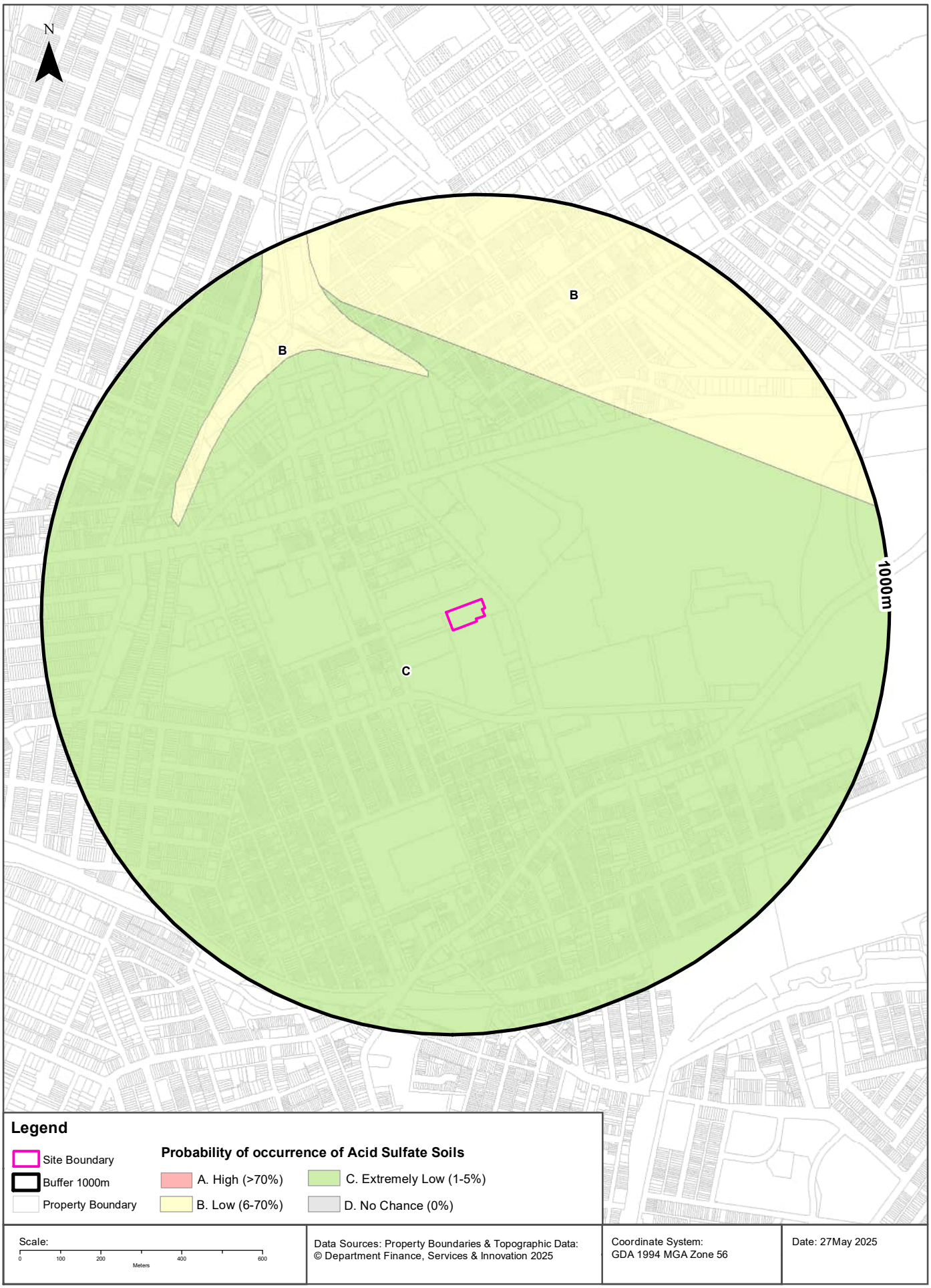
Soil Class	Description	EPI Name
5	Works within 500 metres of adjacent Class 1, 2, 3, or 4 land that is below 5 metres AHD and by which the watertable is likely to be lowered below 1 metre AHD on adjacent Class 1, 2, 3 or 4 land, present an environmental risk	Sydney Local Environmental Plan 2012

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

Soil Class	Description	EPI Name	Distance	Direction
None				

Atlas of Australian Acid Sulfate Soils

81 Missenden Road, Camperdown, NSW 2050



Acid Sulfate Soils

81 Missenden Road, Camperdown, NSW 2050

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
B	Low Probability of occurrence. 6-70% chance of occurrence.	565m	North East

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

Dryland Salinity

81 Missenden Road, Camperdown, NSW 2050

Dryland Salinity - National Assessment

Is there Dryland Salinity - National Assessment data onsite?

No

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

No

What Dryland Salinity assessments are given?

Assessment 2000	Assessment 2020	Assessment 2050	Distance	Direction
N/A	N/A	N/A		

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.

Mining

81 Missenden Road, Camperdown, NSW 2050

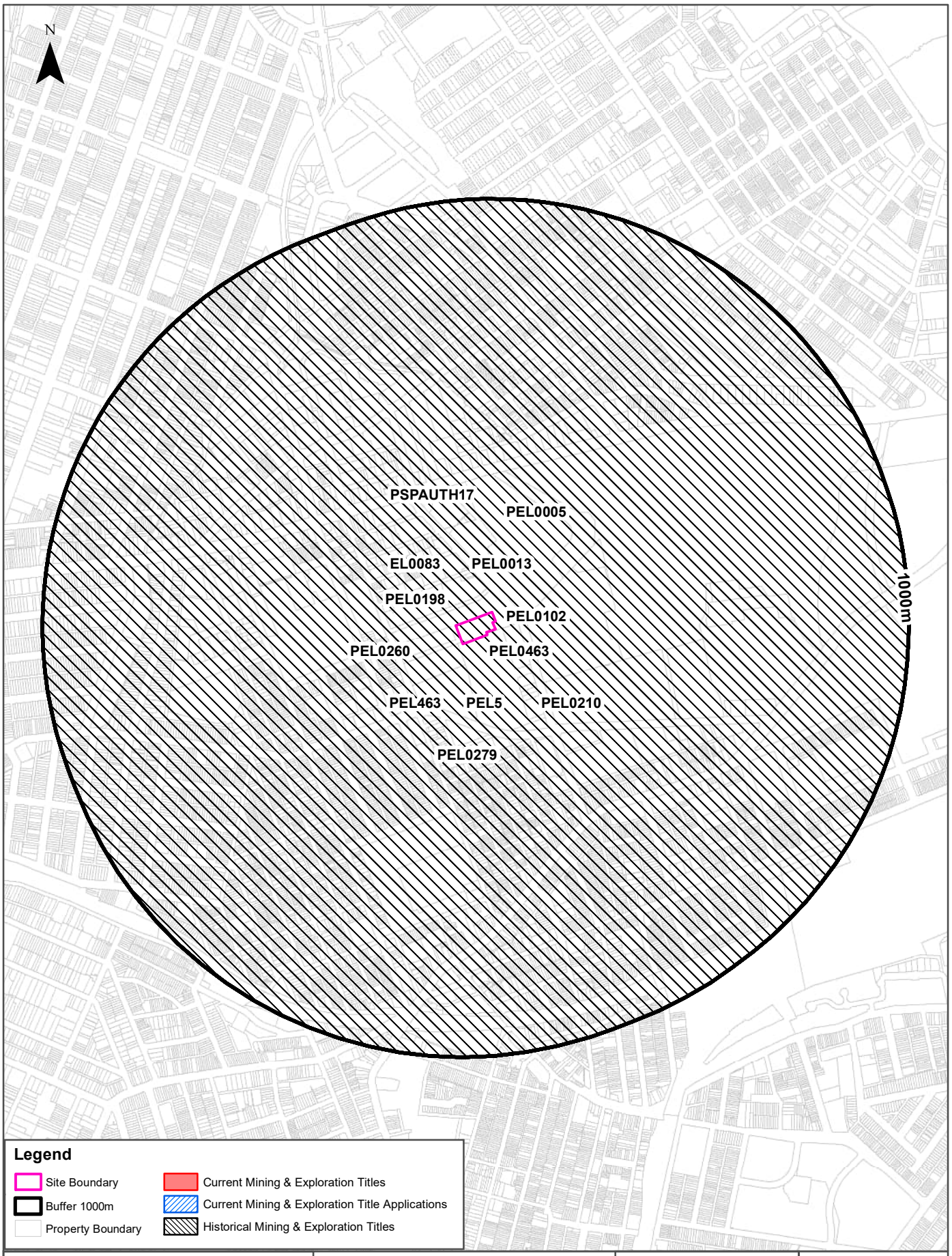
Mining Subsidence Districts

Mining Subsidence Districts within the dataset buffer:

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

Mining & Exploration Titles

81 Missenden Road, Camperdown, NSW 2050



Mining

81 Missenden Road, Camperdown, NSW 2050

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
N/A	No records in buffer								

Current Mining & Exploration Titles Data Source: Statewide Seamless Geology v2.4, NSW Department of Primary Industries and Regional Development

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: Statewide Seamless Geology v2.4, NSW Department of Primary Industries and Regional Development

Mining

81 Missenden Road, Camperdown, NSW 2050

Historical Mining & Exploration Titles

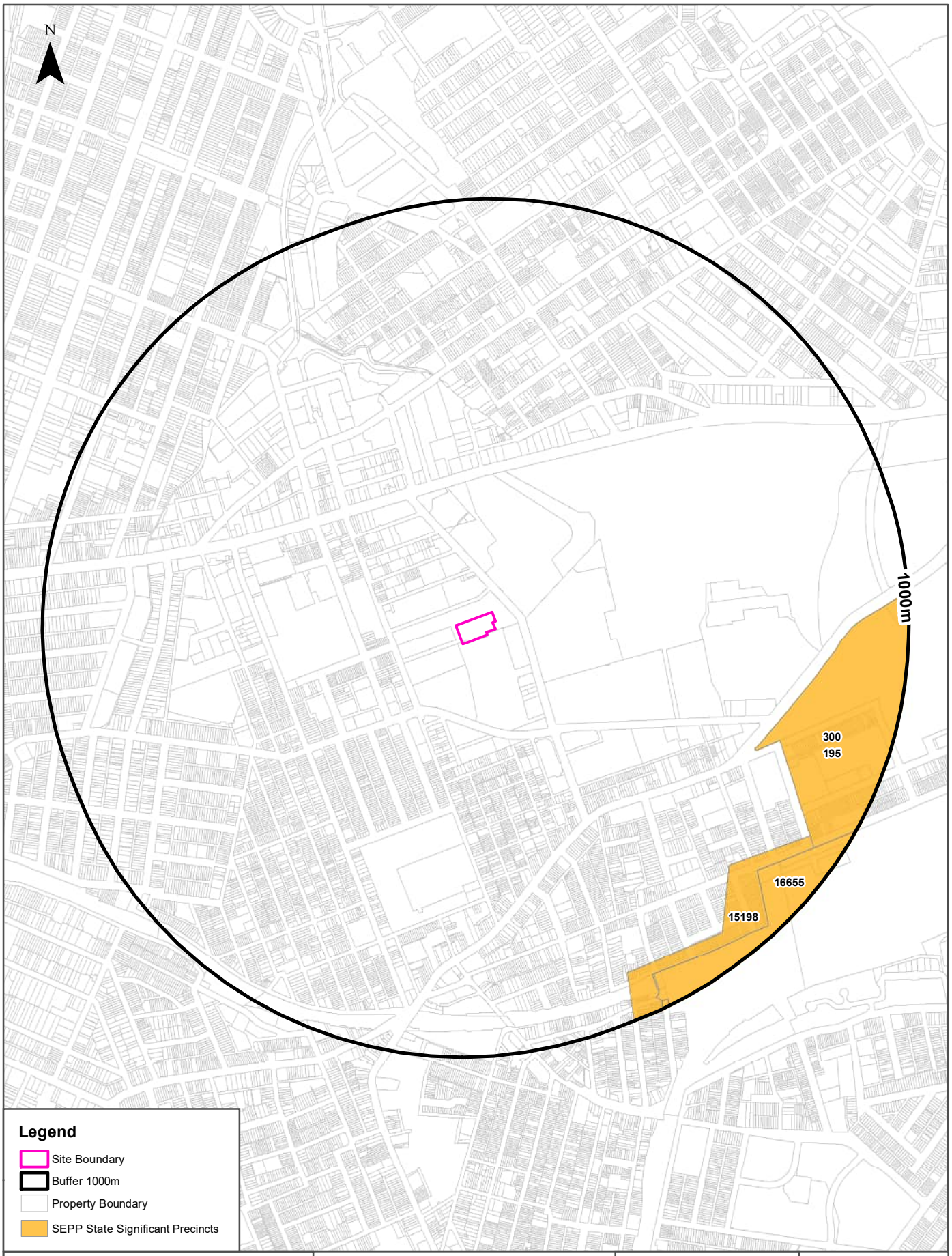
Historical Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Start Date	End Date	Resource	Minerals	Dist	Dir
PEL0260	NORTH BULLI COLLIERIES PTY LTD, AGL PETROLEUM OPERATIONS PTY LTD, THE AUSTRALIAN GAS LIGHT CO.	19810909	19930803	PETROLEUM	Petroleum	0m	On-site
EL0083	CONTINENTAL OIL CO OF AUSTRALIA LIMITED	19670201	19680201	MINERALS		0m	On-site
PEL0102	AUSTRALIAN OIL AND GAS CORPORATION LTD			PETROLEUM	Petroleum	0m	On-site
PEL0005	AGL UPSTREAM INVESTMENTS PTY LIMITED	19931111	20150403	PETROLEUM	Petroleum	0m	On-site
PSPAUTH17	MACQUARIE ENERGY PTY LTD	20070803	20080703	PETROLEUM	Petroleum	0m	On-site
PEL463	DART ENERGY (APOLLO) PTY LTD	20081022	20130227	MINERALS		0m	On-site
PEL5	AGL UPSTREAM INVESTMENTS PTY LIMITED	19931111	20011210	MINERALS		0m	On-site
PEL0463	DART ENERGY (APOLLO) PTY LTD	20091010	20150603	PETROLEUM	Petroleum	0m	On-site
PEL0013	AUSTRALIAN OIL AND GAS CORPORATION LTD			PETROLEUM	Petroleum	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
PEL0279	THE ELECTRICITY COMMISSION OF NSW (TRADING AS PACIFIC POWER)	19910504	19931111	PETROLEUM	Petroleum	0m	On-site

Historical Mining & Exploration Titles Data Source: Statewide Seamless Geology v2.4, NSW Department of Primary Industries and Regional Development

SEPP State Significant Precincts

81 Missenden Road, Camperdown, NSW 2050



State Environmental Planning Policy

81 Missenden Road, Camperdown, NSW 2050

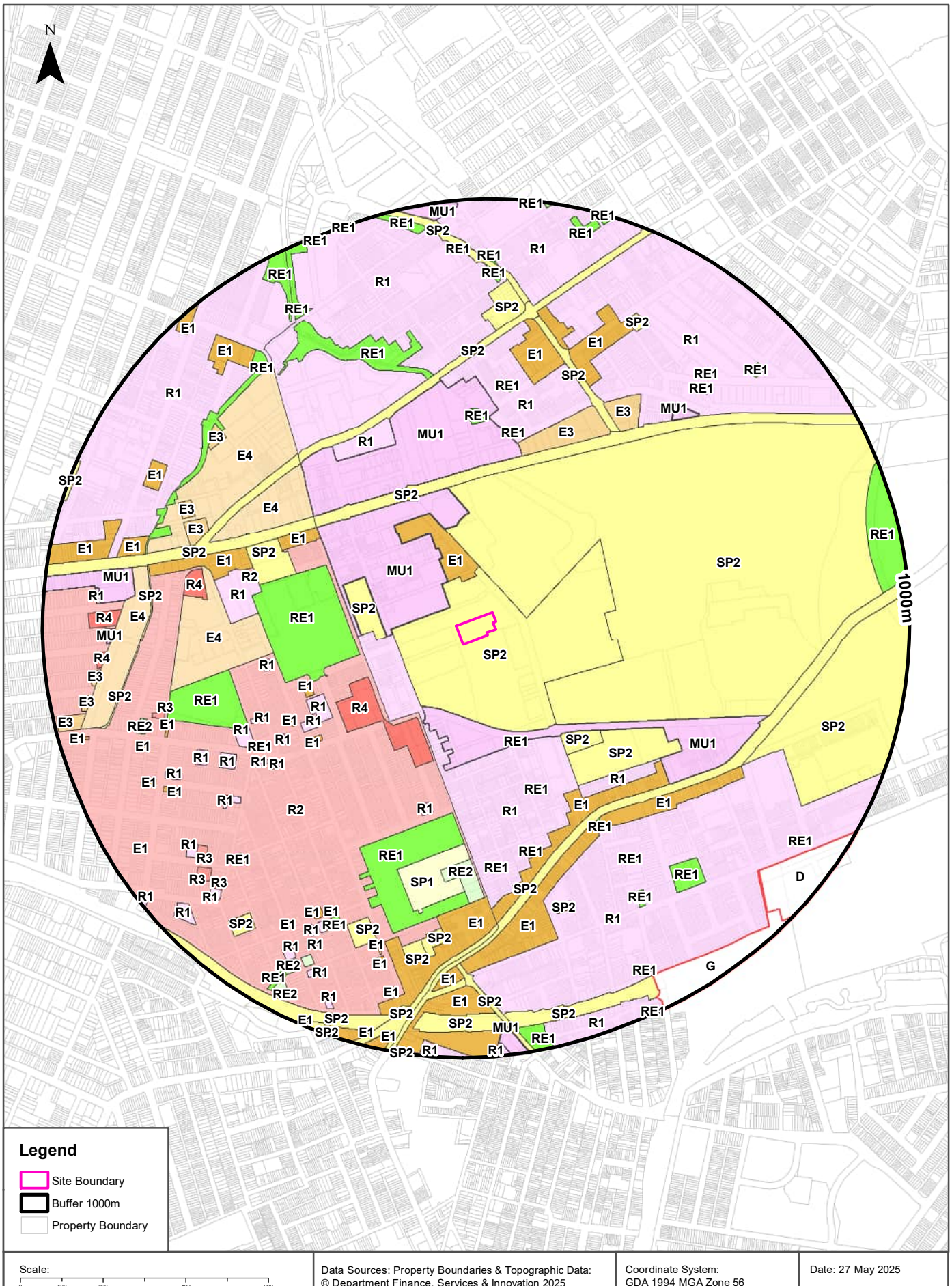
State Significant Precincts

What SEPP State Significant Precincts exist within the dataset buffer?

Map Id	Precinct	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
300		State Environmental Planning Policy (Precincts—Central River City) 2021	02/12/2021	01/03/2022	01/03/2022		689m	South East
195	Redfern-Waterloo	State Environmental Planning Policy (Precincts—Central River City) 2021	02/12/2021	01/03/2022	01/03/2022		689m	South East
15198	Bays Precinct	State Environmental Planning Policy (Precincts—Eastern Harbour City) 2021	09/12/2022	09/12/2022	08/09/2023	State Environmental Planning Policy Amendment (Stage 1 Bays West Precinct) 2022	802m	South East
16655		State Environmental Planning Policy (Precincts—Eastern Harbour City) 2021	15/12/2023	15/12/2023	15/12/2023	State Environmental Planning Policy Amendment (Redfern-North Eveleigh Paint Shop Sub-precinct) 2023	860m	South East

EPI Planning Zones

81 Missenden Road, Camperdown, NSW 2050



Environmental Planning Instrument

81 Missenden Road, Camperdown, NSW 2050

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
SP2	Infrastructure	Health Services Facilities	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		0m	On-site
MU1	Mixed Use		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	50m	North West
SP2	Infrastructure	Educational Establishment	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		53m	East
E1	Local Centre		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	97m	North West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		150m	South
MU1	Mixed Use		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	164m	South East
SP2	Infrastructure	Educational Establishment	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		170m	West
R2	Low Density Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	195m	South West
R4	High Density Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	209m	South West
RE1	Public Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	244m	West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		251m	South
SP2	Infrastructure	Health Services Facilities	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		297m	South East
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		319m	North East
SP2	Infrastructure	Educational Establishment	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		346m	South East
MU1	Mixed Use		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	348m	North
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	358m	South West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	379m	West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		379m	South

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
E3	Productivity Support		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	386m	North East
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	389m	South
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	392m	North West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	401m	South West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	407m	South West
RE1	Public Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	408m	South
SP2	Infrastructure	Educational Establishments	Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	408m	West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		415m	North
SP2	Infrastructure	Classified Road	Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	416m	West
E1	Local Centre		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	424m	South East
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		424m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		429m	North
E4	General Industrial		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	436m	North West
E4	General Industrial		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	447m	West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	450m	South West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	455m	West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		460m	North
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		464m	North West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	477m	West
SP1	Special Activities	Cemetery	Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	480m	South
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	483m	South West
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		495m	South East
R2	Low Density Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	502m	West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	512m	West
E1	Local Centre		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	515m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		515m	South East
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	516m	West

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
E1	Local Centre		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	517m	South
RE2	Private Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	518m	South
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		519m	North
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		521m	South
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		523m	North
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	526m	South West
E3	Productivity Support		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	535m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		537m	North
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		537m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		539m	South
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		539m	North
RE1	Public Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	543m	South West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	553m	South West
RE1	Public Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	554m	West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	555m	South West
E1	Local Centre		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	561m	North
E4	General Industrial		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	568m	North West
R1	General Residential		Sydney Local Environmental Plan 2012	12/01/2024	12/01/2024	12/01/2024	Map Amendment No 8	569m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		587m	North West
E1	Local Centre		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	596m	North
R4	High Density Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	605m	West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	609m	South West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	612m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		631m	South East
MU1	Mixed Use		Sydney Local Environmental Plan 2012	12/01/2024	12/01/2024	12/01/2024	Map Amendment No 8	636m	North East

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
E3	Productivity Support		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	642m	West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	653m	South West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	668m	South West
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		669m	South
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	675m	South West
SP2	Infrastructure	Educational Establishment	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		677m	East
SP2	Infrastructure	Classified Road	Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	679m	South
SP2	Infrastructure	Educational Establishment	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		682m	North
E3	Productivity Support		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	686m	West
SP2	Infrastructure	Telecommunications Facilities	Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	687m	South
SP2	Infrastructure	Educational Establishments	Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	697m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		708m	South East
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	709m	South West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		716m	South East
RE1	Public Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	719m	South West
E3	Productivity Support		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	720m	North West
SP2	Infrastructure	Educational Establishments	Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	720m	South
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	721m	South West
RE1	Public Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	721m	North West
R3	Medium Density Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	730m	West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	732m	West
SP2	Infrastructure	Stormwater Management Systems	Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	735m	West
RE1	Public Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	736m	South West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	737m	North West
E4	General Industrial		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	739m	West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		740m	North East
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	745m	South West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		750m	North
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	750m	South West
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		751m	North
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	752m	South
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		764m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		765m	North East

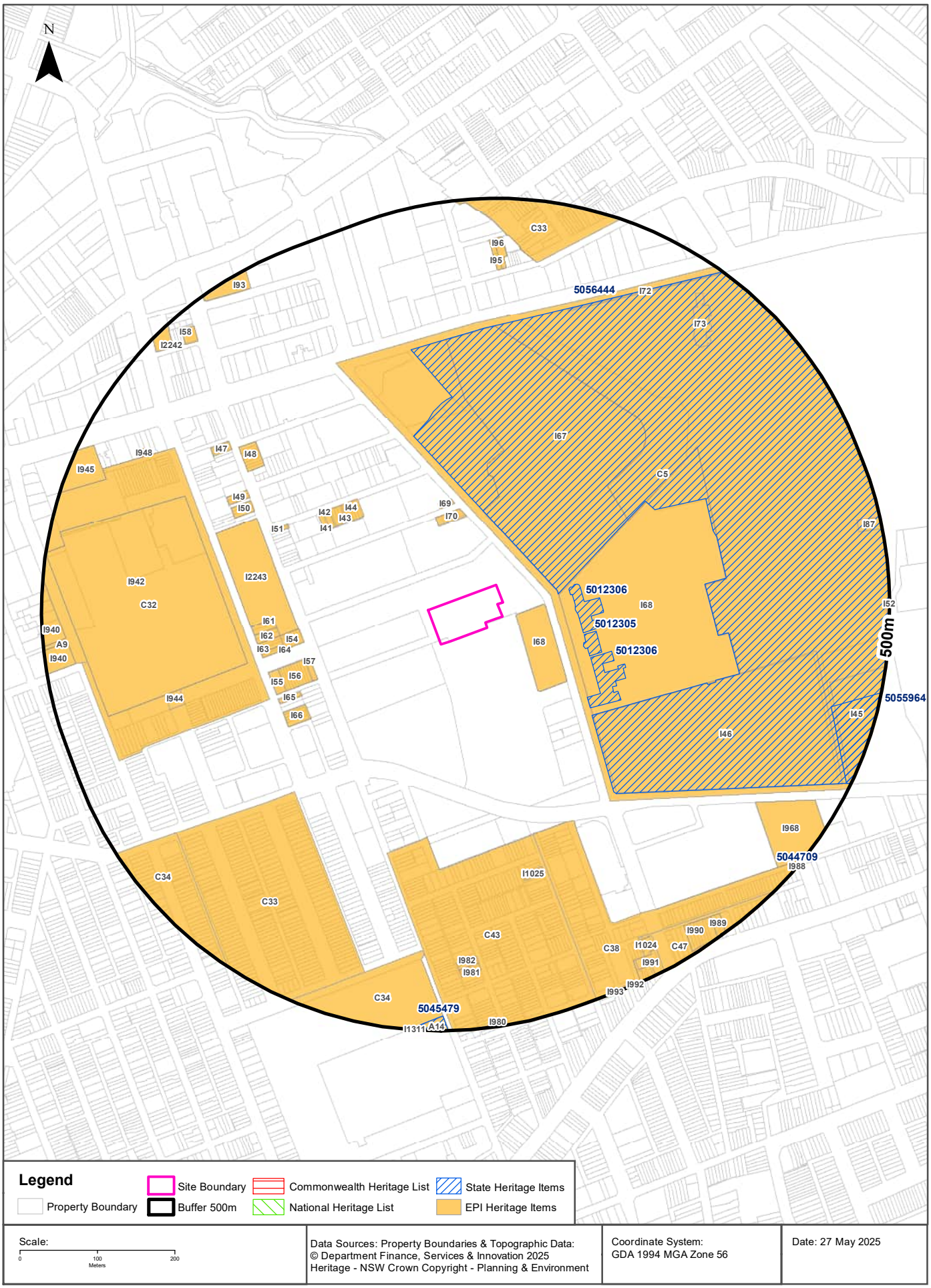
Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
SP2	Infrastructure	Stormwater Management Systems	Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	767m	West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	770m	South West
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		770m	South
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	770m	South West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	771m	West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	776m	South
E1	Local Centre		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	777m	South
MU1	Mixed Use		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	779m	West
RE2	Private Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	781m	West
R3	Medium Density Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	786m	South West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	787m	South West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	791m	North West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	795m	South West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	800m	North West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		800m	North
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	801m	West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	804m	South West
R4	High Density Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	810m	West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	810m	South West
R3	Medium Density Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	813m	South West
R3	Medium Density Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	815m	South West
MU1	Mixed Use		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	824m	West
E1	Local Centre		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	824m	South
SP2	Infrastructure	Educational Establishments	Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	828m	South West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	832m	South West
RE2	Private Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	834m	South West
RE1	Public Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	838m	North West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		839m	North West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	839m	South West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		840m	North

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	842m	South
R4	High Density Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	847m	West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	849m	West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		849m	North East
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	851m	South West
RE2	Private Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	860m	South West
G	Special Purposes Zone - Infrastructure		State Environmental Planning Policy (Precincts—Eastern Harbour City) 2021	15/12/2023	15/12/2023	15/12/2023	State Environmental Planning Policy Amendment (Redfern-North Eveleigh Paint Shop Sub-precinct) 2023	860m	South East
D	Business Zone - Mixed Use		State Environmental Planning Policy (Precincts—Eastern Harbour City) 2021	15/12/2023	15/12/2023	15/12/2023	State Environmental Planning Policy Amendment (Redfern-North Eveleigh Paint Shop Sub-precinct) 2023	861m	South East
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	862m	West
E3	Productivity Support		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	866m	West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		878m	North
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		886m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		889m	South East
SP2	Infrastructure	Railways	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		893m	South
SP2	Infrastructure	Railways	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		894m	South
E3	Productivity Support		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	895m	West
RE1	Public Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	899m	South West
SP2	Infrastructure	Rail Infrastructure Facilities	Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	909m	South West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	909m	South
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	911m	South West
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	913m	South West
RE2	Private Recreation		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	917m	South West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		918m	East
E3	Productivity Support		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	920m	West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	926m	West
MU1	Mixed Use		Sydney Local Environmental Plan 2012	24/02/2023	26/04/2023	12/01/2024	State Environmental Planning Policy Amendment (Land Use Zones) 2023	930m	South

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		933m	North
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		934m	North
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		935m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		935m	South
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	950m	South
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		958m	South
MU1	Mixed Use		Sydney Local Environmental Plan (Harold Park) 2011	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	958m	North
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	959m	North West
E1	Local Centre		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	960m	South
R1	General Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	969m	South West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		975m	North
SP2	Infrastructure	Water Supply Systems	Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	975m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		988m	North West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		988m	North
SP2	Infrastructure	Educational Establishments	Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	990m	West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		991m	South East
SP2	Infrastructure	Educational Establishment	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	12/01/2024		993m	South
R4	High Density Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	997m	South West
R4	High Density Residential		Inner West Local Environmental Plan 2022	24/05/2025	24/05/2025	24/05/2025	Amendment No 13	999m	South West

Heritage Items

81 Missenden Road, Camperdown, NSW 2050



Legend

Property Boundary	Site Boundary	Commonwealth Heritage List	State Heritage Items
	Buffer 500m	National Heritage List	EPI Heritage Items

Scale: 0 100 200 Meters	Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2025 Heritage - NSW Crown Copyright - Planning & Environment	Coordinate System: GDA 1994 MGA Zone 56	Date: 27 May 2025

Heritage

81 Missenden Road, Camperdown, NSW 2050

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

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

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
5056444	The University of Sydney, University Colleges and Victoria Park	Corner of Parramatta and City Roads, Camperdown	SYDNEY	24/08/2018	01974	2734	53m	North East
5012306	Royal Prince Alfred Hospital - Victoria & Albert Pavilions	Missenden Road, Camperdown	SYDNEY	02/04/1999	00829	1981	87m	East
5012305	Royal Prince Alfred Hospital - Admission Block	Missenden Road, Camperdown	SYDNEY	02/04/1999	00830	1981	108m	East
5012306	Royal Prince Alfred Hospital - Victoria & Albert Pavilions	Missenden Road, Camperdown	SYDNEY	02/04/1999	00829	1981	126m	South East
5055964	Women's College, University of Sydney	15 Carillon Avenue Newtown	SYDNEY	01/04/2005	01726	1989	441m	East
5045479	St Stephen's Anglican Church and Cemetery	187 - 189 Church Street Newtown	INNER WEST	02/04/1999	00462	1149	480m	South
5044709	Trocadero	69-77 King Street Newtown	SYDNEY	10/03/2000	01380	2245	499m	South East

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

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
I68	Royal Prince Alfred Hospital group	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	17m	South East

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
C5	Sydney University	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	43m	North East
I67	St John's College, University of Sydney	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	53m	North East
I68	Royal Prince Alfred Hospital group	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	72m	East
I70	Alfred Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	98m	North
I69	Shop & residence	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	119m	North
I44	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	148m	North West
I43	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	155m	North West
I42	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	162m	North West
I57	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	165m	West
I41	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	166m	North West
I54	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	166m	West
I2243	Former Bonds Industries & Electricity Substation No. 181	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	05/04/2024	170m	West
I56	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	172m	West
I46	St Andrew's College, University of Sydney	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	172m	South East
I65	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	191m	South West
I66	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	191m	South West
I64	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	192m	West
I63	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	193m	West
I62	Terrace group 'Emaville' & 'Maryville'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	195m	West
I61	Semi-detached house group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	197m	West
I55	Warehouse	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	208m	West
I51	Former corner shop & residence	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	209m	North West
C32	Camperdown Park Heritage Conservation Area	Conservation Area - General	Local	Inner West Local Environmental Plan 2022	22/11/2024	22/11/2024	22/11/2024	233m	West
I942	Camperdown Park	Item - General	Local	Inner West Local Environmental Plan 2022	22/11/2024	22/11/2024	22/11/2024	244m	West

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
C43	O'Connell Town Estate	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	249m	South
I50	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	259m	North West
C33	Hopetoun-Roberts-Federation Streets Heritage Conservation Area	Conservation Area - General	Local	Inner West Local Environmental Plan 2022	22/11/2024	22/11/2024	22/11/2024	268m	South West
C38	Bligh & Camperdown Terrace	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	270m	South East
I49	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	274m	North West
I48	Terrace group 'York Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	283m	North West
I1025	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	314m	South
I47	St Andrew's Greek Orthodox Church	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	328m	North West
I944	Sullivan RSPCA Memorial Horse trough, balustrade and 2 ficus trees	Item - General	Local	Inner West Local Environmental Plan 2022	22/11/2024	22/11/2024	22/11/2024	337m	West
I72	Site landscaping, University of Sydney	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	368m	North East
C34	North Kingston Estate Heritage Conservation Area	Conservation Area - General	Local	Inner West Local Environmental Plan 2022	22/11/2024	22/11/2024	22/11/2024	396m	South West
I73	JD Stewart Building, University of Sydney	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	404m	North East
I968	Former Newtown Public School group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	405m	South East
I982	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	405m	South
I95	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	408m	North
I96	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	409m	North
I981	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	414m	South
I948	Electricty substation No 142 (whole site)	Item - General	State	Inner West Local Environmental Plan 2022	22/11/2024	22/11/2024	22/11/2024	415m	North West
C33	Hereford and Forest Lodge	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	421m	North
I45	Women's College group, University of Sydney	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	431m	East
C47	King Street	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	446m	South East
A9	Kingston Fowler's Pottery Archaeological site	Item - Archaeological	Local	Inner West Local Environmental Plan 2022	22/11/2024	22/11/2024	22/11/2024	446m	West
I1024	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	449m	South East

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I945	Bridge Road School (former Camperdown Public School), including interiors	Item - General	Local	Inner West Local Environmental Plan 2022	22/11/2024	22/11/2024	22/11/2024	450m	West
I58	Warehouse	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	458m	North West
I990	Commercial building	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	461m	South East
I940	Australia Street industrial group, including interiors	Item - General	Local	Inner West Local Environmental Plan 2022	22/11/2024	22/11/2024	22/11/2024	461m	West
I991	Marlborough Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	467m	South East
I87	Physics Building, University of Sydney	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	469m	East
I940	Australia Street industrial group, including interiors	Item - General	Local	Inner West Local Environmental Plan 2022	22/11/2024	22/11/2024	22/11/2024	470m	West
I989	Former commercial building 'JC Everingham Dental Surgery'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	471m	South East
I2242	Former Grace Brothers Repository	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	05/04/2024	475m	North West
I93	Housing development 'Alexandra Dwellings'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	476m	North West
I1311	St Stephen's Church of England and Cemetery, including interiors	Item - General	State	Inner West Local Environmental Plan 2022	22/11/2024	22/11/2024	22/11/2024	480m	South
A14	St Stephen's Cemetery Archaeological site	Item - Archaeological	Local	Inner West Local Environmental Plan 2022	22/11/2024	22/11/2024	22/11/2024	480m	South
I980	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	492m	South
I52	St Paul's College group, University of Sydney	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	495m	East
I993	Commercial building	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	499m	South
I988	Commercial building 'Trocadero Hall'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	499m	South East
I992	Former Milton Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	05/04/2024	499m	South East

Natural Hazards

81 Missenden Road, Camperdown, NSW 2050

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
No records in buffer		

Ecological Constraints - Vegetation & Ramsar Wetlands

81 Missenden Road, Camperdown, NSW 2050

Site Boundary
ReportBuffer
Property Boundary
Ramsar Wetland

Native Vegetation

Alpine Complex
Arid Shrublands (Acacia sub-formation)
Arid Shrublands (Chenopod sub-formation)
Dry Sclerophyll Forests (Shrub/grass sub-formation)
Dry Sclerophyll Forests (Shrubby sub-formation)
Forested Wetlands
Freshwater Wetlands
Grasslands
Grassy Woodlands
Heathlands
Rainforests
Saline Wetlands
Semi-arid Woodlands (Grassy sub-formation)
Semi-arid Woodlands (Shrubby sub-formation)
Wet Sclerophyll Forests (Grassy sub-formation)
Wet Sclerophyll Forests (Shrubby sub-formation)
Non vegetated
Unattributed
Not classified
Other

Scale: 0 100 200 400 600 Meters

Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2025

Coordinate System: GDA 1994 MGA Zone 56

Date: 27 May 2025

Ecological Constraints

81 Missenden Road, Camperdown, NSW 2050

Native Vegetation

What native vegetation exists within the dataset buffer?

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
7071391	Not classified	(Not classified) Not classified	Not classified	0m	On-site

Ecological Constraints

81 Missenden Road, Camperdown, NSW 2050

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

81 Missenden Road, Camperdown, NSW 2050

Collaborative Australian Protected Areas Database - Terrestrial

Protected areas in terrestrial environments identified by the CAPAD within the dataset buffer:

Map ID	Area Name	Area Details	Management Category	Authority	Jurisdiction	Dist	Dir
N/A	No records in buffer						

Collaborative Australian Protected Areas Database - Marine

Protected areas in marine environments identified by the CAPAD within the dataset buffer:

Map ID	Area Name	Area Details	Management Category	Authority	Jurisdiction	Dist	Dir
N/A	No records in buffer						

Source: Collaborative Australian Protected Areas Database (CAPAD) 2022

Ecological Constraints

81 Missenden Road, Camperdown, NSW 2050

Groundwater Dependent Ecosystems Atlas

Type	GDE Potential	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
N/A	No records in buffer					

Ecological Constraints

81 Missenden Road, Camperdown, NSW 2050

Inflow Dependent Ecosystems Likelihood

Type	IDE Likelihood	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
N/A	No records in buffer					

Ecological Constraints

81 Missenden Road, Camperdown, NSW 2050

NSW BioNet Species Sightings

Species sightings from the NSW BioNet Repository that have either a state or federal conservation status, or a sensitivity status, and are within 10 km of the site:
Note: This data does not include NSW Category 1 sensitive species.

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Amphibia	Crinia tinnula	Wallum Froglet	Not Sensitive	Vulnerable	Not Listed	
Animalia	Amphibia	Litoria aurea	Green and Golden Bell Frog	Not Sensitive	Endangered	Vulnerable	
Animalia	Amphibia	Pseudophryne australis	Red-crowned Toadlet	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Actitis hypoleucos	Common Sandpiper	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Amaurornis moluccana	Pale-vented Bush-hen	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Anous albivitta	Grey Ternlet	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Anous stolidus	Common Noddy	Not Sensitive	Not Listed	Not Listed	CAMBA;JAMBA
Animalia	Aves	Anseranas semipalmata	Magpie Goose	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Anthochaera phrygia	Regent Honeyeater	Category 2	Critically Endangered	Critically Endangered	
Animalia	Aves	Apus pacificus	Fork-tailed Swift	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Ardenna carneipes	Flesh-footed Shearwater	Not Sensitive	Vulnerable	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Ardenna grisea	Sooty Shearwater	Not Sensitive	Not Listed	Not Listed	JAMBA
Animalia	Aves	Ardenna pacifica	Wedge-tailed Shearwater	Not Sensitive	Not Listed	Not Listed	JAMBA
Animalia	Aves	Ardenna tenuirostris	Short-tailed Shearwater	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Arenaria interpres	Ruddy Turnstone	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Artamus cyanopterus cyanopterus	Dusky Woodswallow	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Botaurus poiciloptilus	Australasian Bittern	Not Sensitive	Endangered	Endangered	
Animalia	Aves	Burhinus grallarius	Bush Stone-curlew	Not Sensitive	Endangered	Not Listed	
Animalia	Aves	Calidris acuminata	Sharp-tailed Sandpiper	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris alba	Sanderling	Not Sensitive	Vulnerable	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris canutus	Red Knot	Not Sensitive	Not Listed	Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris falcinellus	Broad-billed Sandpiper	Not Sensitive	Vulnerable	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris ferruginea	Curlew Sandpiper	Not Sensitive	Critically Endangered	Critically Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris melanotos	Pectoral Sandpiper	Not Sensitive	Not Listed	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Calidris ruficollis	Red-necked Stint	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris tenuirostris	Great Knot	Not Sensitive	Vulnerable	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Callocephalon fimbriatum	Gang-gang Cockatoo	Category 3	Endangered	Endangered	
Animalia	Aves	Calonectris leucomelas	Streaked Shearwater	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Calyptorhynchus banksii banksii	Red-tailed Black-Cockatoo (coastal subspecies)	Category 2	Critically Endangered	Not Listed	
Animalia	Aves	Calyptorhynchus banksii samueli	Red-tailed Black-Cockatoo (inland subspecies)	Category 2	Vulnerable	Not Listed	
Animalia	Aves	Calyptorhynchus lathami lathami	South-eastern Glossy Black-Cockatoo	Category 2	Vulnerable	Vulnerable	
Animalia	Aves	Certhionyx variegatus	Pied Honeyeater	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Charadrius leschenaultii	Greater Sand-plover	Not Sensitive	Vulnerable	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Charadrius mongolus	Lesser Sand-plover	Not Sensitive	Vulnerable	Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Charadrius veredus	Oriental Plover	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Chlidonias leucopterus	White-winged Black Tern	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Circus assimilis	Spotted Harrier	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Climacteris picumnus victoriae	Brown Treecreeper (eastern subspecies)	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Coracina lineata	Barred Cuckoo-shrike	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Cuculus optatus	Oriental Cuckoo	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Daphoenositta chrysoptera	Varied Sittella	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Diomedea exulans	Wandering Albatross	Not Sensitive	Endangered	Vulnerable	
Animalia	Aves	Epthianura albifrons	White-fronted Chat	Not Sensitive	Endangered Population, Vulnerable	Not Listed	
Animalia	Aves	Erythrotriorchis radiatus	Red Goshawk	Category 2	Endangered	Endangered	
Animalia	Aves	Esacus magnirostris	Beach Stone-curlew	Not Sensitive	Critically Endangered	Not Listed	
Animalia	Aves	Falco subniger	Black Falcon	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Fregata ariel	Lesser Frigatebird	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Gallinago hardwickii	Latham's Snipe	Not Sensitive	Vulnerable	Vulnerable	ROKAMBA;JAMBA
Animalia	Aves	Grantiella picta	Painted Honeyeater	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Gygis alba	White Tern	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Haematopus fuliginosus	Sooty Oystercatcher	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Haematopus longirostris	Pied Oystercatcher	Not Sensitive	Endangered	Not Listed	
Animalia	Aves	Haliaeetus leucogaster	White-bellied Sea-Eagle	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Hieraaetus morphnoides	Little Eagle	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Hirundapus caudacutus	White-throated Needletail	Not Sensitive	Vulnerable	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Hydroprogne caspia	Caspian Tern	Not Sensitive	Not Listed	Not Listed	JAMBA
Animalia	Aves	Ixobrychus flavicollis	Black Bittern	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Lathamus discolor	Swift Parrot	Not Sensitive	Endangered	Critically Endangered	
Animalia	Aves	Limosa lapponica	Bar-tailed Godwit	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Limosa limosa	Black-tailed Godwit	Not Sensitive	Vulnerable	Endangered	ROKAMBA;CAMBA; JAMBA

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Lophochroa leadbeateri	Pink Cockatoo	Category 2	Vulnerable	Endangered	
Animalia	Aves	Lophoictinia isura	Square-tailed Kite	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Macronectes giganteus	Southern Giant Petrel	Not Sensitive	Endangered	Endangered	
Animalia	Aves	Macronectes halli	Northern Giant-Petrel	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Manorina melanotis	Black-eared Miner	Not Sensitive	Critically Endangered	Endangered	
Animalia	Aves	Melithreptus gularis gularis	Black-chinned Honeyeater (eastern subspecies)	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Motacilla flava	Yellow Wagtail	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Neophema chrysostoma	Blue-winged Parrot	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Neophema pulchella	Turquoise Parrot	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Nettapus coromandelianus	Cotton Pygmy-Goose	Not Sensitive	Endangered	Not Listed	
Animalia	Aves	Ninox connivens	Barking Owl	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Ninox strenua	Powerful Owl	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Numenius madagascariensis	Eastern Curlew	Not Sensitive	Critically Endangered	Critically Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Numenius minutus	Little Curlew	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Numenius phaeopus	Whimbrel	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Onychoprion fuscatus	Sooty Tern	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Oxyura australis	Blue-billed Duck	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Pandion cristatus	Eastern Osprey	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Parvipsitta pusilla	Little Lorikeet	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Petroica boodang	Scarlet Robin	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Petroica phoenicea	Flame Robin	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Phaethon lepturus	White-tailed Tropicbird	Not Sensitive	Not Listed	Not Listed	CAMBA;JAMBA
Animalia	Aves	Phaethon rubricauda	Red-tailed Tropicbird	Not Sensitive	Vulnerable	Not Listed	CAMBA;JAMBA
Animalia	Aves	Philomachus pugnax	Ruff	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Pluvialis fulva	Pacific Golden Plover	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Pluvialis squatarola	Grey Plover	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Polytelis anthopeplus monarchoides	Regent Parrot (eastern subspecies)	Category 3	Endangered	Vulnerable	
Animalia	Aves	Polytelis swainsonii	Superb Parrot	Category 3	Vulnerable	Vulnerable	
Animalia	Aves	Pterodroma leucoptera leucoptera	Gould's Petrel	Not Sensitive	Vulnerable	Endangered	
Animalia	Aves	Pterodroma neglecta neglecta	Kermadec Petrel (west Pacific subspecies)	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Pterodroma nigripennis	Black-winged Petrel	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Pterodroma solandri	Providence Petrel	Not Sensitive	Vulnerable	Not Listed	

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Ptilinopus magnificus	Wompoo Fruit-Dove	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Ptilinopus regina	Rose-crowned Fruit-Dove	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Ptilinopus superbus	Superb Fruit-Dove	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Puffinus assimilis	Little Shearwater	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Pyrrholaemus sagittatus	Speckled Warbler	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Rostratula australis	Australian Painted Snipe	Not Sensitive	Endangered	Endangered	
Animalia	Aves	Stagonopleura guttata	Diamond Firetail	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Stercorarius longicaudus	Long-tailed Jaeger	Not Sensitive	Not Listed	Not Listed	CAMBA;JAMBA
Animalia	Aves	Stercorarius maccormicki	South Polar Skua	Not Sensitive	Not Listed	Not Listed	JAMBA
Animalia	Aves	Stercorarius parasiticus	Arctic Jaeger	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Stercorarius pomarinus	Pomarine Jaeger	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Sterna hirundo	Common Tern	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Sternula albifrons	Little Tern	Not Sensitive	Endangered	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Stictonetta naevosa	Freckled Duck	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Sula dactylatra	Masked Booby	Not Sensitive	Vulnerable	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Sula leucogaster	Brown Booby	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Sula sula	Red-footed Booby	Not Sensitive	Not Listed	Not Listed	CAMBA;JAMBA
Animalia	Aves	Thalassarche bulleri	Buller's Albatross	Not Sensitive	Not Listed	Vulnerable	
Animalia	Aves	Thalassarche cauta	Shy Albatross	Not Sensitive	Endangered	Endangered	
Animalia	Aves	Thalassarche chrysostoma	Grey-headed Albatross	Not Sensitive	Not Listed	Endangered	
Animalia	Aves	Thalassarche melanophris	Black-browed Albatross	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Thalasseus bergii	Crested Tern	Not Sensitive	Not Listed	Not Listed	JAMBA
Animalia	Aves	Thinornis cucullatus cucullatus	Eastern Hooded Dotterel	Not Sensitive	Critically Endangered	Vulnerable	
Animalia	Aves	Todiramphus chloris	Collared Kingfisher	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Tringa brevipes	Grey-tailed Tattler	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Tringa glareola	Wood Sandpiper	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Tringa incana	Wandering Tattler	Not Sensitive	Not Listed	Not Listed	JAMBA
Animalia	Aves	Tringa nebularia	Common Greenshank	Not Sensitive	Endangered	Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Tringa stagnatilis	Marsh Sandpiper	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Turnix melanogaster	Black-breasted Button-quail	Not Sensitive	Critically Endangered	Vulnerable	
Animalia	Aves	Tyto novaehollandiae	Masked Owl	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Tyto tenebricosa	Sooty Owl	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Xenus cinereus	Terek Sandpiper	Not Sensitive	Vulnerable	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Gastropoda	Meridolum maryae	Maroubra Woodland Snail	Not Sensitive	Endangered	Endangered	

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Insecta	Petalura gigantea	Giant Dragonfly	Not Sensitive	Endangered	Not Listed	
Animalia	Mammalia	Aepyprymnus rufescens	Rufous Bettong	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Arctocephalus forsteri	New Zealand Fur-seal	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Arctocephalus pusillus doriferus	Australian Fur-seal	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Balaenoptera musculus	Blue Whale	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	Cercartetus nanus	Eastern Pygmy-possum	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Chalinolobus dwyeri	Large-eared Pied Bat	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	Dasyurus maculatus	Spotted-tailed Quoll	Not Sensitive	Vulnerable	Endangered	
Animalia	Mammalia	Dasyurus viverrinus	Eastern Quoll	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	Dugong dugon	Dugong	Not Sensitive	Endangered	Not Listed	
Animalia	Mammalia	Eubalaena australis	Southern Right Whale	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	Falsistrellus tasmaniensis	Eastern False Pipistrelle	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Macrotis lagotis	Bilby	Not Sensitive	Extinct	Vulnerable	
Animalia	Mammalia	Micronomus norfolkensis	Eastern Coastal Free-tailed Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Miniopterus australis	Little Bent-winged Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Miniopterus orianae oceanensis	Large Bent-winged Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Myotis macropus	Southern Myotis	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Notomys cervinus	Fawn Hopping-mouse	Not Sensitive	Extinct	Not Listed	
Animalia	Mammalia	Notomys mitchellii	Mitchell's Hopping-mouse	Not Sensitive	Extinct	Not Listed	
Animalia	Mammalia	Perameles nasuta	Long-nosed Bandicoot	Not Sensitive	Endangered Population	Not Listed	
Animalia	Mammalia	Petaurus norfolcensis	Squirrel Glider	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Phascolarctos cinereus	Koala	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	Physeter macrocephalus	Sperm Whale	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Pseudomys gracilicaudatus	Eastern Chestnut Mouse	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Pseudomys novaehollandiae	New Holland Mouse	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Mammalia	Pteropus poliocephalus	Grey-headed Flying-fox	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Mammalia	Saccolaimus flaviventris	Yellow-bellied Sheathtail-bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Scoteanax rueppellii	Greater Broad-nosed Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Reptilia	Antaresia childreni	Children's Python	Not Sensitive	Vulnerable	Not Listed	
Animalia	Reptilia	Aspidites ramsayi	Woma	Not Sensitive	Vulnerable	Not Listed	
Animalia	Reptilia	Caretta caretta	Loggerhead Turtle	Not Sensitive	Endangered	Endangered	
Animalia	Reptilia	Chelonia mydas	Green Turtle	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Reptilia	Cyclodomorphus melanops elongatus	Mallee Slender Blue-tongue Lizard	Not Sensitive	Endangered	Not Listed	
Animalia	Reptilia	Dermochelys coriacea	Leatherback Turtle	Not Sensitive	Endangered	Endangered	

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Reptilia	Diplodactylus platyurus	Eastern Fat-tailed Gecko	Not Sensitive	Endangered	Not Listed	
Animalia	Reptilia	Eretmochelys imbricata	Hawksbill Turtle	Not Sensitive	Not Listed	Vulnerable	
Animalia	Reptilia	Eulamprus kosciuskoi	Alpine Water Skink	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Reptilia	Hoplocephalus bitorquatus	Pale-headed Snake	Not Sensitive	Vulnerable	Not Listed	
Animalia	Reptilia	Pseudonaja modesta	Ringed Brown Snake	Not Sensitive	Endangered	Not Listed	
Animalia	Reptilia	Tiliqua multifasciata	Centralian Blue-tongued Lizard	Not Sensitive	Vulnerable	Not Listed	
Animalia	Reptilia	Tiliqua occipitalis	Western Blue-tongued Lizard	Not Sensitive	Vulnerable	Not Listed	
Animalia	Reptilia	Uvidicolus sphyrurus	Border Thick-tailed Gecko	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Reptilia	Varanus rosenbergi	Rosenberg's Goanna	Not Sensitive	Vulnerable	Not Listed	
Fungi	Flora	Camarophyllopsis kearneyi		Not Sensitive	Endangered	Not Listed	
Fungi	Flora	Hygrocybe anomala var. ianthinomarginata		Not Sensitive	Vulnerable	Not Listed	
Fungi	Flora	Hygrocybe aurantipes		Not Sensitive	Vulnerable	Not Listed	
Fungi	Flora	Hygrocybe austropratensis		Not Sensitive	Endangered	Not Listed	
Fungi	Flora	Hygrocybe collucera		Not Sensitive	Endangered	Not Listed	
Fungi	Flora	Hygrocybe griseoramosa		Not Sensitive	Endangered	Not Listed	
Fungi	Flora	Hygrocybe lanecovensis		Not Sensitive	Endangered	Not Listed	
Fungi	Flora	Hygrocybe reesiae		Not Sensitive	Vulnerable	Not Listed	
Fungi	Flora	Hygrocybe rubronivea		Not Sensitive	Vulnerable	Not Listed	
Plantae	Flora	Acacia bynoeana	Bynoe's Wattle	Not Sensitive	Endangered	Vulnerable	
Plantae	Flora	Acacia gordonii		Not Sensitive	Endangered	Endangered	
Plantae	Flora	Acacia pubescens	Downy Wattle	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Acacia terminalis subsp. Eastern Sydney	Sunshine wattle	Not Sensitive	Endangered	Endangered	
Plantae	Flora	Allocasuarina portuensis	Nielsen Park She-oak	Category 3	Endangered	Endangered	
Plantae	Flora	Amperea xiphoclada var. pedicellata		Not Sensitive	Extinct	Extinct	
Plantae	Flora	Asterolasia buxifolia		Not Sensitive	Critically Endangered	Critically Endangered	
Plantae	Flora	Caladenia tessellata	Thick Lip Spider Orchid	Category 2	Vulnerable	Vulnerable	
Plantae	Flora	Callistemon linearifolius	Netted Bottle Brush	Category 3	Vulnerable	Not Listed	
Plantae	Flora	Darwinia biflora		Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Dichanthium setosum	Bluegrass	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Doryanthes palmeri	Giant Spear Lily	Not Sensitive	Vulnerable	Not Listed	
Plantae	Flora	Epacris purpurascens var. purpurascens		Not Sensitive	Vulnerable	Not Listed	
Plantae	Flora	Eucalyptus camfieldii	Camfield's Stringybark	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Eucalyptus fracta	Broken Back Ironbark	Not Sensitive	Endangered	Not Listed	

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Plantae	Flora	Eucalyptus leucoxylon subsp. pruinosa	Yellow Gum	Not Sensitive	Vulnerable	Not Listed	
Plantae	Flora	Eucalyptus nicholii	Narrow-leaved Black Peppermint	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Eucalyptus pulverulenta	Silver-leafed Gum	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Eucalyptus scoparia	Wallangarra White Gum	Not Sensitive	Endangered	Vulnerable	
Plantae	Flora	Gaudium deanei		Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Genoplesium baueri	Bauer's Midge Orchid	Category 2	Endangered	Endangered	
Plantae	Flora	Grammitis stenophylla	Narrow-leaf Finger Fern	Category 3	Endangered	Not Listed	
Plantae	Flora	Grevillea caleyi	Caley's Grevillea	Category 3	Critically Endangered	Critically Endangered	
Plantae	Flora	Hibbertia puberula		Not Sensitive	Endangered	Not Listed	
Plantae	Flora	Macadamia integrifolia	Macadamia Nut	Not Sensitive	Not Listed	Vulnerable	
Plantae	Flora	Macadamia tetraphylla	Rough-shelled Bush Nut	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Melaleuca biconvexa	Biconvex Paperbark	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Melaleuca deanei	Deane's Paperbark	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Persoonia hirsuta	Hairy Geebung	Category 3	Endangered	Endangered	
Plantae	Flora	Pimelea curviflora var. curviflora		Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Pomaderris prunifolia	Plum-leaf Pomaderris	Not Sensitive	Endangered Population	Not Listed	
Plantae	Flora	Prasophyllum fuscum	Slaty Leek Orchid	Category 2	Critically Endangered	Vulnerable	
Plantae	Flora	Prostanthera marifolia	Seaforth Mintbush	Category 3	Critically Endangered	Critically Endangered	
Plantae	Flora	Rhodamnia rubescens	Scrub Turpentine	Not Sensitive	Critically Endangered	Critically Endangered	
Plantae	Flora	Senecio spathulatus	Coast Groundsel	Not Sensitive	Endangered	Not Listed	
Plantae	Flora	Senna acclinis	Rainforest Cassia	Not Sensitive	Endangered	Not Listed	
Plantae	Flora	Syzygium paniculatum	Magenta Lilly Pilly	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Tetratheca glandulosa		Not Sensitive	Vulnerable	Not Listed	
Plantae	Flora	Tetratheca juncea	Black-eyed Susan	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Thesium australe	Austral Toadflax	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Triplarina imbricata	Creek Triplarina	Not Sensitive	Endangered	Endangered	
Plantae	Flora	Wilsonia backhousei	Narrow-leafed Wilsonia	Not Sensitive	Vulnerable	Not Listed	

Source: NSW BioNet Species Sightings

Location Confidences

Where Lotsearch has had to georeference features from supplied addresses, a location confidence has been assigned to the data record. This indicates a confidence to the positional accuracy of the feature. Where applicable, a code is given under the field heading “LC” or “LocConf”. These codes lookup to the following location confidences:

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. Review by Brad May, NSW EPA Accredited Auditor

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20 August 2025 Ref: SCL250040.01

Derek Langgons
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Jacobs
Level 7, 177 Pacific Highway,
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Dear Derek

Subject: Review of Preliminary Site (Contamination) Investigation – National Research Cyclotron Facility, ANSTO, 81 Missenden Road, Camperdown NSW

1 INTRODUCTION

Epic Environmental (Epic) was commissioned by Jacobs Group (Australia) Pty Ltd (Jacobs) on behalf of Australian Nuclear Science and Technology Organisation (ANSTO) to undertake a technical review of the Preliminary Site (Contamination) Investigation (PSI) for the National Research Cyclotron Facility (NRCF) located at 81 Missenden Road, Camperdown, New South Wales 2050 (the site). The site is formally described as Part of Lot 101 DP 1179349. This technical review does not constitute a statutory or non-statutory audit as defined under the NSW Contaminated Land Management Act is an independent review of the PSI and confirmation that it meets the requirements of NSW EPA guidance.

Epic's scope of works was limited to the technical review of the following document:

- Jacobs (2025), Preliminary Site (Contamination) Investigation - National Research Cyclotron Facility (Document No. IS530900, Rev 2), Prepared for Australian Nuclear Science and Technology Organisation, ATM Number: PSC00217, dated 6/08/2025 (PSI)

The scope of works undertaken by Epic did not include a site inspection. A comment log for review comments prepared by the Technical Reviewer and addressed by Jacobs is attached.

The PSI report was prepared by Roes Elvin Sy Tamco with internal technical review by Michael Stacey, Principal Environmental Scientist, Certified Environmental Practitioner – Site Contamination (CEnvP SC41193), on behalf of ANSTO.

2 BACKGROUND AND PROJECT REQUIREMENTS

ANSTO lease the land and building for the NRCF from the Sydney Local Health District (SLHD), located within the Royal Prince Alfred Hospital campus. The building was constructed from 1987 to 1991, with operations commencing in Building 81 in 1991 comprising the production of radioisotopes for medical purposes. Operations ceased in 2021. ANSTO plans to relinquish the lease of the property, returning it to SLHD. This will require ANSTO to remove equipment and materials from the building, demolish the building and infrastructure, including the removal of ground slabs and the basement, before leveling the area with imported fill (ANSTO, 2024).

ANSTO submitted a referral under the Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) for the demolition of the site. This was subsequently deemed to be a controlled action by the Department of Climate Change, Energy, the Environment and Water (DCCEEW) (DCCEEW, 2025a), specifically concerned with the appropriate mitigation of groundwater and soil contamination on the site due to historic land uses. A review by DCCEEW identified a range of potentially contaminating historical land uses that may have occurred at the site.

DCCEEW (2025b) requested that ANSTO provide the following documentation to inform the assessment of the proposed action under the EPBC Act:

1. Further investigations on soil and groundwater contamination, conducted in accordance with the requirements set out in Schedules A and B of the National Environment Protection (Assessment of Site Contamination) Measure 1999 (ASC NEPM 2013) and the National Water Quality Management Strategy, are required and should include a Preliminary Site Investigation (PSI) report that includes a detailed site history, conceptual site model (CSM), and:

a. If required, a Sampling Analysis and Quality Plan (SAQP) and Detailed Site Investigation (DSI) that includes a refined CSM and an appropriate risk assessment.

b. If required and prior to demolition, a site-specific risk assessment and a Remediation Action Plan (RAP).

2. Site contamination assessment objectives should be designed to ensure that the entire site is suitable for all future uses following the decommissioning and demolition.

3. A NSW EPA accredited site auditor should be engaged during these activities.

4. The preliminary documentation should include details of the measures to be implemented by the proponent to avoid and reduce any potential soil and groundwater contamination impacts at the site and on the broader environment, including people and communities.

The PSI (Jacobs, 2025) and this review letter will form part of ANSTO's preliminary documentation response to DCCEEW, to assess whether a Detailed Site Investigation (DSI) at the site is required to evaluate potential soil and groundwater contamination risks.

2.1 PSI Objectives

On the basis of these requirements, Jacob's defined the objectives of the PSI to be:

- Assess the potential for soil and groundwater contamination at the site due to ANSTO activities and historical land usage.
- Develop an initial conceptual site model (CSM) describing potential contaminants, transport and exposure mechanisms and receptors
- Provide an input for ANSTO to determine if a DSI or other further investigations of contamination at the site are required
- Help inform ANSTO's planning and execution of the demolition of the site including management of contamination risks (if any) disposal of waste material and handback of the site to SLHD.

2.2 Review Objectives

The objective of Epic's technical review of the PSI report, in the context of the DCCEEW conditions, is to assess whether the PSI:

- Includes a sufficiently detailed site history review and conceptual site model to assess potential site contamination
- Assesses the suitability of the site for future land uses based on available information
- Is in general accordance with the NEPM 2013

This technical review does not constitute a statutory or non-statutory audit as defined under the NSW Contaminated Land Management Act.

2.3 Future Land Uses

It is noted that the future land uses of the site have not been defined in the EPBC referral. The following information is available regarding the future land uses:

- ANSTO advised Jacobs that SLHD intends to use the site for public green space in the short to medium term.

- In the longer term, the site may be developed based on the SLHD's masterplan for the precinct, however a masterplan for the precinct is not currently published.
- According to the Sydney Local Environmental Plan 2012, the site is zoned for SP2 - Infrastructure with the purpose of Health Services Facilities shown on the zoning map. The LEP notes that permitted land uses in this zone with consent are aquaculture, horticulture, roads, water storage facilities, water treatment facilities, the purpose shown on the land zoning map (in this case Health Services Facilities), including any development that is ordinarily incidental or ancillary to development for that purpose.

On the basis of this information, Jacobs has adopted the ASC NEPM 2013 criteria for public open space and commercial / industrial land use (to assess previous investigation results), and assumed a future site use of public open space.

The technical reviewer agrees with the approach, but notes that the criteria should be reassessed at the time of preparation of the Sampling and Analysis Quality Plan (SAQP) (as recommended by Jacobs (refer **Section 3.3** of this letter)) if any additional information becomes available (such as availability of the masterplan or additional details about proposed development on the site or future uses).

3 PRELIMINARY SITE INVESTIGATION

3.1 Scope of Works

A staged approach to assessment of site contamination is recommended in the ASC NEPM 2013, with the first stage comprising a Preliminary Site Investigation (PSI). The PSI undertaken by Jacobs comprised of the following scope of works:

- Desktop review of the following information to assist in understanding environmental settings, land uses and potential land contamination risks at the site:
  - Documents provided by ANSTO including past reports relevant to the site
  - Lotsearch Enviro Pro report procured for the site (noting that the site comprises a portion of the larger property lot, Lot 101 DP 1179349, therefore the site boundary shown on the Lotsearch report is approximate only) which includes:
    - Historical and recent aerial photographs
    - Geology and soil landscapes
    - Registered groundwater bores
    - NSW EPA records of notices under the Contaminated Land Management Act and records of licenses under the Protection of the Environment Operations Act
    - Historical business activities from UBD and/or Sands directories
    - Other publicly available information as referenced in the PSI report.
- Site walkover to observe conditions at the Site and ground truth information from the desktop review. The Site walkover was conducted on 2 July 2025.
- PSI report preparation including:
  - Incorporation of the results of the desktop study
  - Identification of Areas of Environmental Concern (AECs), within or surrounding the Site, which present a potential contamination risk
  - Development of a Conceptual Site Model (CSM)
  - Presentation of recommendations for any further investigations
  - Review of the draft report by a NSW EPA Accredited Site Auditor (Brad May from Epic Environmental Pty Ltd)

The following exclusions and limitations were noted for the scope of works:

- The scope did not include assessment of radionuclide contamination at the Site. This is being assessed separately by ANSTO.

- The scope did not include the assessment of hazardous building materials such as asbestos, lead based paint etc. This is also being assessed separately by ANSTO.
- The technical review undertaken by Brad May was not a statutory or non-statutory audit.

The scope of works is considered to be appropriate for the purposes of a preliminary site investigation in general accordance with the ASC NEPM 2013.

3.2 Summary of PSI Findings

A summary of the key findings from the PSI (Jacobs, 2025) is as follows:

- The site was recently (until 2021) occupied by National Research Cyclotron Facility (NRCF) operated by ANSTO. The NRCF produced short-lived carbon-and-fluorine-based radiotracers used in positron emission tomography (PET) imaging (ANSTO, 2023b).
- The site and immediate surroundings have a long history of use for industrial and health infrastructure purposes. The industrial activities appear to have included mechanical, electrical and metal workshops, however details of the activities performed and associated storage and use of chemicals, fuels and wastes are not available.
- The site is listed in Licence No. 289 as a delicensed activity still regulated by the NSW EPA for hazardous, industrial or group A waste generation or storage, however no further information was available.
- Fill material is present onsite. Based on previous investigations, fill depth appears to be limited to 1.35 metres below ground level (mbgl) and comprised dark brown and brown loose and clayey loam fill, orange/yellow sand and redish-brown clays with instances of crushed rock, with minor amounts of anthropogenic materials (i.e. brick, concrete, glass and coke). Based on the depth of fill (up to 1.35m) and depth of basement covering a portion of the site (1.5 – 2.5m below the external ground surface around the building), there is considered to be a low risk of significant fill material beneath the basement.
- Previous investigations by Getex (2022) and Douglas Partners (2020) conducted within or within close proximity to the site did not identify concentrations of contaminants of concern in soil exceeding ASC NEPM 2013 criteria for commercial / industrial land use. Minor concentrations of Carcinogenic polycyclic aromatic hydrocarbons (PAHs) (as benzo(a)pyrene toxicity equivalent (BaP TEQ)) exceeding the ASC NEPM guideline for public open space use were identified in one soil sample at the site and one soil sample just south of the site. However, calculation of the 95% UCL based on all of the samples analysed determined no unacceptable risk for this land use. It is noted that there is no current data available on soil quality beneath the site building.
- Epic further notes that all previous investigations comprised soil sampling from boreholes. The limitations to the use of boreholes in the assessment of asbestos is well documented (ASC NEPM, Schedule B2). Because of the size of augers used in the borehole investigations, it is generally unlikely that fragments of asbestos containing material (ACM) will consistently be brought to the surface, and therefore a low reliance should be placed on site characterisation for asbestos where this field technique is used.
- There is no data available on groundwater quality. However, groundwater was not encountered in fill or soils at the site to the depth limit of previous investigations. A groundwater well installed in the shale bedrock by Douglas Partners (2020) just south of the site had a standing water level of 28.9 m RL and 30.2 m RL (approximately 4.5 mbgl). Based on the depth of the basement level of the existing building, groundwater is unlikely to be intersected during decommissioning and demolition works at the Site. Further assessment of groundwater and/or potential vapour intrusion may be required if buildings are developed on the Site in the future. This development would likely require consent and the proponent would be required to demonstrate the land is suitable for the proposed development under State Environmental Planning Policy (Resilience and Hazards) 2021.

3.3 Conceptual Site Model

A preliminary conceptual site model (CSM) was developed for the site by Jacobs which identified the following potentially contaminating activities:

- Historical operations at the site as a light industrial facility pre-1987.
- Operation at the site by ANSTO from 1987, noting that the likelihood of significant contamination from ANSTO's operation of the site is considered to be low on the basis of:
  - Storage of fuels, chemicals and wastes at the site appear to have been limited
  - Concrete floors appeared in good condition
  - No staining observed
- Historical or recent uncontrolled filling of the site.
  - Previous investigations (Getex (2022)) have not identified soil contamination exceeding commercial / industrial land use, however evidence of anthropogenic inclusions (including coke) indicate the potential for historical uncontrolled fill.
- Current and/or historical operations on adjoining properties
  - Jacobs reported no vent pipes or fill points associated with underground storage tanks were observed in the immediate vicinity of the Site during the Site walkover.
  - A stack is visible in aerial imagery located approximately 150m south of the Site. This is for a boiler house which is listed on the NSW Health s170 heritage register (Heritage 21, 2022). Jacobs notes the potential for waste material from the boiler to have been deposited on land or used as fill material in the area.
- Asbestos and lead from demolition of historical building structures within and in the immediate vicinity of the site.

Potential contaminants of concern were identified to include:

- Heavy metals including hexavalent chromium
- Hydrocarbon compounds (TRH, BTEX, PAH)
- Solvents (VOCs, sVOCs)
- Asbestos
- PCBs
- PFAS
- Cyanides

In addition, the potential for medical wastes such as infectious wastes, chemical wastes (disinfectants and solvents), pharmaceutical wastes (expired, unused or contaminated medications and vaccines) & cytotoxic wastes was identified as a potential risk from adjoining properties.

Jacobs identified environmental media potentially affected to include soil, groundwater and vapour. Transport pathways considered included direct contact, inhalation and ingestion, and leaching from onsite sources to stormwater or groundwater. Receptors were identified to include human receptors (current and future site users (commercial / industrial or public open space) onsite and offsite, current and future construction /maintenance workers and recreational users of Rozelle Bay and Blackwattle Bay) and ecological receptors (vegetation onsite, noting it was currently limited) and aquatic ecosystems such as Johnstons Creek, Rozelle Bay and Blackwattle Bay.

The contaminants of concern and the environmental media selected are considered appropriate given the site history and the results of the site assessments. The conceptual site model developed by the consultant was found to be appropriate for the preliminary assessment of the site, noting that development of the CSM is an iterative process and should be updated once further investigations are undertaken.

3.4 PSI Recommendations

Based on the findings of the PSI and the activities proposed for the site, Jacobs recommended the following:

1. The Construction Environmental Management Plan for the decommissioning and demolition work should include an Unexpected Finds Protocol in case asbestos materials or other indications of soil contamination are encountered. Assessment of the conditions by a suitably qualified occupational hygienist (for asbestos) or environmental consultant (for contamination) should be part of this protocol.
2. Once decommissioning and demolition design progresses and the scope and extent of ground disturbance works are defined, a Sampling and Analysis Quality Plan (SAQP) is to be prepared to guide a Detailed Site Investigation (DSI). The purpose of the investigation is to assess fill material and soil quality under the building where sampling by Getex (2022) was not undertaken. The DSI should include testing and assessment of the soil under the building for non-radionuclide contaminants. The SAQP should consider analysis for metals, hydrocarbons (TRH, BTEXN, PAH), solvents (VOCs, sVOCs), cyanide, asbestos, PCBs and PFAS.
3. Based on the results of the DSI and a risk assessment, soil that presents an unacceptable risk based on the future use of the Site for public open space may need to be remediated or managed appropriately.
4. Fill material and soil to be excavated and removed from the Site will need to be tested and classified in accordance with NSWP EPA guidelines prior to disposal off-site to a licensed facility.
5. Fill material imported to the Site as part of the restoration should be certified as Virgin Excavated Natural Material in accordance with Schedule 1 of the Protection of the Environment Operations Act or meet the requirements of the Excavated Natural Material Order 2014.

The technical reviewer considers that these recommendations are appropriate to meet the objectives of the EPBC referral and to assess suitability of the site for the future land use of public open space with no buildings.

4 REVIEW COMMENTS

This Technical Review provides comment on the Preliminary Site Investigation. Based on this information, the Technical Reviewer considers that the Preliminary Site Investigation reviewed was undertaken in general accordance with relevant NSW EPA requirements and applicable guidelines i.e. National Environmental Protection (Assessment of Site Contamination) Measure 1999 as amended 2013 (ASC NEPM 2013) and therefore, assesses the likely potentially contaminating activities, identifies the likely contaminants of potential concern and the potential source, pathway and receptor linkages through the initial conceptual site model.

This letter should not be considered pre-emptive of the final report submission for the site, but rather represents the Technical Reviewer opinions based on the current review of available site information.

Please note that the review of the documents has only considered the contaminated land aspects of the site and does not address, or provide an opinion regarding, other aspects of the site or the environment not related to site contamination, such as (but not limited to): hazardous building materials in buildings or structures; or structures, footings, infrastructure, and the like, whether above or below ground; or the suitability of fill materials for any use and any geotechnical considerations; or regulatory responsibilities or obligations (for which a legal opinion should be sought); or the work health and safety legislation; or the suitability of any engineering design. If specialist technical review of such additional issues is required, then separate advice should be obtained from appropriate specialists.

It is expected based on the recommendation of the PSI that a Detailed Site Investigation (DSI) will be undertaken as recommended in the PSI report to meet the EPBC referral conditions including preparation of a Sampling and Analysis Quality Plan (SAQP) by a suitably qualified and experienced contaminated land professional detailing intrusive investigations to assess suitability of the site for future land use. At the time of preparing the SAQP and DSI, the expected future use of the site should be reevaluated if additional information is available (e.g. if the Masterplan has been prepared detailing proposed future uses of the site).

It is expected that a detailed report will be prepared by a suitable experienced and qualified contaminated land consultant following completion of these works. An Accredited Contaminated Site Auditor should be engaged to prepare a Voluntary Site Audit Statement to confirm the site suitability for open space to meet the requirements of the DCCEEW requirements.

The Preliminary Site Investigation sets out relevant information on which assessment of potential site contamination can be made and recommends additional works to assess suitability of the site for the future land use of public open space.

Should you require any additional information or wish to discuss any aspects of the Technical Review process, please do not hesitate to contact the undersigned.

Yours sincerely

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Enclosures: Report Review Comments Log

5 LIMITATIONS AND DISCLAIMER

Epic Environmental Pty Ltd (Epic) has prepared the following report for the exclusive benefit of Jacobs (Client) and for the singular purpose of technical review of the Preliminary Site (Contamination) Investigation at 81 Missenden Road, Camperdown, New South Wales 2050. All interpretations, finding or recommendations outlined in this report should be read and relied upon only in the context of the report as a whole.

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Comments Log for: **Preliminary Site (Contamination) Investigation - National Research Cyclotron Facility**

Comment ID: 1 onwards, 100 onwards, 1000 onwards
Reviewers: Reviewer - Brad May (Epic)
Document: Preliminary Site (Contamination) Investigation - National Research Cyclotron Facility (Document No. IS530900, Rev 0), Prepared for Australian Nuclear Science and Technology Organisation, ATM Number: PSC00217, dated 17/7/2025
Revision number: Revision 0, draft
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Comment No.	Reviewer	Doc Rev	Review date	Reference/ Report Section	Review #1 Comment [17/07/2025] Comment on Version 1	Review #1 SQP Response [29/07/2025]	Review #2 Comment [29/07/2025] Draft Rev 1	Review #2 SQP Response [Date]	Review #3 Comment [DATE]	Date Action Closed	Comment Status (Open / Closed)
1	BM (Epic)	Draft Revision 0	21-Jul-25	General Comment	Brad May of Epic Environmental (Epic) has been commissioned by Jacobs Group (Australia) Pty Ltd (Jacobs) on behalf of Australian Nuclear Science and Technology Organisation (ANSTO) (client) to undertake a technical review of the Preliminary Site (Contamination) Investigation for the National Research Cyclotron Facility (NRCF) located at 81 Missenden Road, Camperdown, New South Wales 2050 (the site). The site is formally described as Part of Lot 101 DP 1179349.	Noted				29-Jul-25	Closed
2	BM (Epic)	Draft Revision 0	21-Jul-25	General Comment	This interim advice (IA001) relates to the technical review of the Preliminary Site (Contamination) Investigation. Brad May is a NSW accredited Site Auditor, however this technical review does not constitute a statutory or non-statutory audit. Mr May was engaged by Jacobs, and therefore this review is not considered to be an independent review in accordance with the NSW guidance. The objective of the technical review is to assess general compliance with the regulatory and guidance documents including the provisions of the Contaminated Land Management Act 1997 (CLM Act), including (but not limited to) the NSW EPA (2017) Guidelines for the NSW Site Auditor Scheme (3rd Edition) and the National Environment Protection (Assessment of Site Contamination) Measure Amendment No. 1 2013. The comments and advice are provided to assist the consultant in progressing with finalising the PSI. The scope of works undertaken by Brad May includes a technical review of the PSI report, and did not include a site inspection.	Noted				29-Jul-25	Closed
3	BM (Epic)	Draft Revision 0	21-Jul-25	General Comment	The reviewer also appreciates that the works were undertaken within a specified scope agreed between Jacobs and the Client, therefore, the following summary is to be noted within this context. It should also be noted that the scope or limitations of the works should not compromise the techncial reviewer's ability to rely on the documents provided.	Noted				29-Jul-25	Closed
4	BM (Epic)	Draft Revision 0	21-Jul-25	Objectives and Scope of Work	"Production at the site has been shut down since 2021". It would be helpful to the reader to provide a sentence or two of the site background to detail what production was previously undertaken at the site.	Further details added.				29-Jul-25	Closed
5	BM (Epic)	Draft Revision 0	21-Jul-25	Objectives and Scope of Work	Is VENM required to satisfy the requirement for levelling of the site with clean fill?	The term "clean fill" was from an ANSTO document. This has been editted to "imported fill material". A recommendation that this material is either ENM or VENM has been added ot the recommendations section.				29-Jul-25	Closed
6	BM (Epic)	Draft Revision 0	21-Jul-25	Objectives and Scope of Work	Is the SLHD's masterplan available for the precinct or is this to be determined in the future?	A sentence has been added noting that a masterplan of the area including the site has not been published.				29-Jul-25	Closed
7	BM (Epic)	Draft Revision 0	21-Jul-25	Objectives and Scope of Work	It is stated that ANSTO plan to relinquish the lease of the property. The stated objectives includes assesssing the potential for soil and groundwater contamination due to historic land usage. Please clarify whether this report is assessing all potential contamination sources, or is limited to potential contamination associated with ANSTO's lease / operation of the site.	ANSTO has advised Jacobs that the site land and building belongs to SLHD. The lease does not require investigation of contamination, demolition of the building or remediation of the site. The building is being demolkished because it is the only way to safely remove the cyclotron equipment. The DCCEEW request for informaiton does not state that the PSI can be limited to the ANSTO activities. The basis of determining the demolition of the site is a controlled action is the historical (pre-ANSTO activities). The first bullet point in the objectives has been edited to clarify that the PSI covers both ANSTO activities and historic land use.				29-Jul-25	Closed
8	BM (Epic)	Draft Revision 0	21-Jul-25	1.1 Background and purpose	Paragraph 5, Dot point number 2 - is "all future uses" defined? Is it interpreted to include only foreseeable land uses (e.g. based on the land use zoning and/or masterplan?)? It may be useful to provide the DECCW (2025b) requirements in a table to allow a second column for presentation of comments / how and which requirements are addressed within this document and which requirements are addressed elsewhere / in the future.	No further definition of "all future uses" is provided in the DCCEEW request. The PSI report notes that SLHD has advised the immediate use is likely to be public open space. Other future uses will be determined by a masterplanning process. As noted in the PSI report, further development will likely require consent and this will trigger further consideraiton of contamination and suitability of the site. ANSTO is preparing preliminary documentation to respond to DCCEEW. This will include specific responses ot each part of the DCCEEW request. The Jacobs PSI will be part of this response. No edits made to the report.				29-Jul-25	Closed
9	BM (Epic)	Draft Revision 0	21-Jul-25	1.2 Regulatory framework	Were any additional guidelines considered (e.g. NEMP 2.0 or 3.0, NSW EPA Sampling design guidelines etc)?	NEMP and SDG have been added.				29-Jul-25	Closed
10	BM (Epic)	Draft Revision 0	21-Jul-25	2.1 Site identification	Approx site area of 3,766m2 was estimated by Jacobs. Was this based on the area identified by ANSTO as the lease area, noting that it is only a portion of the property lot? The Project Site outlined in the figures in Appendix A appears to include Grose Street and some portions of the surrounding land (beyond the building footprint) but excludes others (e.g. where BH11 is located)	Site area has been edited based on lease plan supplied by ANSTO.				29-Jul-25	Closed

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Comment ID: **Reviewers:**
1 onwards Reviewer - Brad May (Epic)
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11	BM (Epic)	Draft Revision 0	21-Jul-25	2.1 Site identification	(& Section 2.3 Surrounding land use) - Land zoning - is there any further information about what is and is not permitted under the SP2 infrastructure zoning? E.g. Could it include sensitive land uses as "incidental or ancillary to development for that purpose"? If so, this will affect the selection of criteria for future land use	There is no further relevant information in the LEP than what is provided in the PSI report.				29-Jul-25	Closed
12	BM (Epic)	Draft Revision 0	21-Jul-25	2.2.1 Building 81	Section 2.2.1 and Appendix A - It would be useful to overlay the basement extent onto a site figure (e.g. Figure 7); presence of uncontrolled fill materials is identified in the CSM as potential contamination risk, and Section 6.1 indicates that the fill depth (up to 1.35m) is less than the basement depth (1.5 to 2.5mbgl) therefore the likelihood of uncontrolled fill beneath the basement is likely low. so showing the extent of the basement may assist the reader to understand the possible extent of fill material beneath the building	A figure showing the basement extent on a site figure inow provided in Appendix A.	Please provide a legend for Figure 8 - is the basement extent only the dark shaded area or the light shaded area across the building?	updated.		20-Aug-25	Closed
13	BM (Epic)	Draft Revision 0	21-Jul-25	2.2.1 Building 81	What size is the bunded diesel aboveground storage tank? Is it located on the first floor adjacent to the diesel generator? Please provide details of the waste are stored in the basement and refer to any photographs included in report	Further details added to text and photos added to Appendix B.				29-Jul-25	Closed
14	BM (Epic)	Draft Revision 0	21-Jul-25	2.2.2 External areas	Dot point 3 - Are the gas storage cylinders located to the south of the site, or are these the gas cylinders located immediately adjacent to the building (but appear to be outside of the site boundary) to the west? Please clarify. Please confirm the two green tanks adjacent to the gas cylinders to the west of the site are water tanks.	Text edited to clarify				29-Jul-25	Closed
15	BM (Epic)	Draft Revision 0	21-Jul-25	2.3 Surrounding land use	Are there any known underground storage tanks associated with backup diesel generators for the surrounding hospital buildings? Were any vent pipes observed on surrounding buildings as part of the site inspection? There appears to be an incinerator chimney located within the hospital complex approximately 180m south of the site. Please comment on the potential for disposal of incinerator waste at the site.	No known USTs and no vent pipes or fill points observed. This has been added to the report. The stack is from a boiler house. Information on the stack for the boiler house and the potential for waste to have been deposited or used as fill material added to report.				29-Jul-25	Closed
16	BM (Epic)	Draft Revision 0	21-Jul-25	2.8 Hydrology	It may assist the reader to discuss the surface water ingress issues described by ANSTO staff and associated sumps (discussed in Section 2.2.3) in this section	Text added				29-Jul-25	Closed
17	BM (Epic)	Draft Revision 0	21-Jul-25	3.1 Overview	Please define NMCF to assist reader	Typo - changed to NRCF				29-Jul-25	Closed
18	BM (Epic)	Draft Revision 0	21-Jul-25	3.3 Site and surrounding lands historical aerial imagery review	Provide comment on the likely land use type for the site and surrounding areas to demonstrate that the site has a historical of commercial / industrial land use dating back to at least 1930s. (e.g. for the 1930 photograph, larger commercial or industrial building historically occupied majority of the site. Industrial saw-toothed building located immediately to the east, commercial /industrial land and buildings immediately south, west, north within the buffer area generally commercial / industrial with some residential properties located south)	Text added				29-Jul-25	Closed
19	BM (Epic)	Draft Revision 0	21-Jul-25	3.3 Site and surrounding lands historical aerial imagery review	Please confirm in this section that the historical aerial photograph (and lotsearch boundaries) are based on the boundary of the whole of the property lot, not the site area (as shown on the Figures in Appendix A). This has implications for the description of the 2024 - Figures in Appendix A indicate that the nitrogen aboveground tanks and electrical utility boxes are located offsite. Please confirm.	A note has been added in Section 1.4 that the boundary shown in the Lotsearch report is approximate only. The Site boundary figures have been adjusted and a note that this is approximate has been added.				29-Jul-25	Closed
20	BM (Epic)	Draft Revision 0	21-Jul-25	4.1 List of contaminated sites notified to NSW EPA	Agree that based on the distance and direction of the listed properties the risk is low however worth noting that the downgradient direction is assumed. (Also applicable to Section 4.2)	Note added				29-Jul-25	Closed
21	BM (Epic)	Draft Revision 0	21-Jul-25	4.3 Penalty notices and licensed activities under the Protection of the Environment Operations Act 1997	"Based on the distance and direction to the Site, nature of the activity and geology in the area, the risk of contaminant migration from the properties (if present) listed in Table 4-3 to Table 4-5 to the Site is considered low." Is this applicable for the former licensed activity of hazardous, industrial or group A waste generation or storage located within the site? Is any further information available about the activities that his relates to?	Text revised to note the risk associated with the waste generation and storage on Site and surroundings.	Agree to the additional text. May be worth noting that as the site is only a portion of the larger land parcel, the licensed activity may not have been undertaken within the current site boundaries	Note added		29-Jul-25	Closed
22	BM (Epic)	Draft Revision 0	21-Jul-25	6.1 Due Diligence Contamination Assessment (Getex, 2022)	Last paragraph: "Getex did not calculate the 95% Upper Confidence Limit (UCL 95) of the mean concentration. The UCL 95 may be under the health investigation level for public open space indicating no unacceptable risk." Could Jacobs' calculate the 95 UCL (and compare maximum to 250% of the criteria and standard deviation to 50% of the criteria) to provide a definitive assessment rather than "may be under investigation levels"?	UCL 95 has now been determined.				29-Jul-25	Closed
23	BM (Epic)	Draft Revision 0	21-Jul-25	7. Conceptual Site Model	Onsite vegetation may be a receptor from plant uptake, noting the very limited vegation present on the site	Added to CSM.				29-Jul-25	Closed

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24	BM (Epic)	Draft Revision 0	21-Jul-25	7. Conceptual Site Model	Table 7-1, row 3, "contamination associated with fill materials…", column 5 - lists the fill depth as varying on average between 1 to 3m, however Section 6 (Section 6.1) states fill was identified by Getex up to depths of 1.35m, or up to 0.4m (Section 6.4) by Douglas Partners. Please clarify Also applicable to Row 5	Text edited				29-Jul-25	Closed
25	BM (Epic)	Draft Revision 0	21-Jul-25	7. Conceptual Site Model	Table 7-1, row 3, "contamination associated with fill materials…", last column - states that the linkage is incomplete because Getex did not detect concetrations above criteria. This ignores the potential exceedance of the BaP (4.5mg/kg) above HIL-C, however this may be able to be addressed by the NEPM statistical analysis (refer to comment 22). lists the fill depth as varying on average between 1 to 3m, however Section 6 (Section 6.1) states fill was identified by Getex up to depths of 1.35m, or up to 0.4m (Section 6.4	UCL 95 now determined. Depth of fill clarified.				29-Jul-25	Closed
26	BM (Epic)	Draft Revision 0	21-Jul-25	7. Conceptual Site Model	Table 7-1, row 3, "contamination associated with fill materials…", last column - Worth noting that fill material beneath the building is anticipated to be limited based on the presence of the basement covering a portion of the building footprint.	Text added				29-Jul-25	Closed
27	BM (Epic)	Draft Revision 0	21-Jul-25	8.1 Soil contamination risks	Paragraph 2 - please provide comment specifically in regards to the diesel AST discussed in Section 2.2.1	Text added				29-Jul-25	Closed
28	BM (Epic)	Draft Revision 0	21-Jul-25	8.2 Groundwater contamination risks	Section 8.2 / 8.3. The technical reviewer agrees that further assessment of groundwater may be required if buildings are developed on the site in the future. In addition, groundwater assessment is likely to be required to achieve the objective of assessing the suitability of the site for future land uses (per Point 2 of the EPBC Act actions outlined in Section 1.1).	Noted	Considering the industrial history of the site and surrounding area and uncertainty of previous uses and future uses, the potential for groundwater contamination is a data gap that should be addressed in the recommendations to satisfy the EPBC requirements and demonstrate that the site is suitable for future land uses	Sections 8.2 and 8.3 have been edited to note the potential for an unacceptable vapour risk if a building is developed on Site in the future. Reference to the SEPP and development consent process also added. The recommendations in Section 9 focus on ANSTO activities and the current planned land use.		20-Aug-25	Closed
29	BM (Epic)	Draft Revision 0	21-Jul-25	9. Conclusions and recommendations	Paragraph 4, point 4 - Should this assessment include preparation of an SAQP and DSI including a refined CSM, in line with the NEPM and the DCCEEW (2025b) EPBC conditions?	Agreed. Text added.				29-Jul-25	Closed
30	BM (Epic)	Draft Revision 0	21-Jul-25	General Comment	Minor comment - table of contents to be updated.	TOC updated				29-Jul-25	Closed