St George Private Hospital Expansion at 119 – 129 Princes Highway and 2 Hogben Street, Kogarah, and 1 South Street, Kogarah

Preliminary Site Investigation

Akalan Projects Pty Ltd

Reference: 754-SYDGE381816-R01-Rev3

20 October 2025

ST GEORGE PRIVATE HOSPITAL EXPANSION

Preliminary Site Investigation

Report reference number: 754-SYDGE381816-R01-Rev2
20 October 2025

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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Review & Approval
Rev0	Draft	20/06/2025	Geoffrey Merchant, David McFadden	Tony Scott
Rev1	Final	17/07/2025	David McFadden	Tony Scott
Rev2	Final	05/09/2025	Kelsie McGillen	Tony Scott
Rev3	Rev3	20/10/2025	Jessica Paulsen	Note required – Minor changes only.

Distribution

Report Status	No. of copies	Format	Distributed to	Date
Draft	1	pdf	Akalan Projects	20/06/2025
Final	1	pdf	Akalan Projects	17/07/2025
Final	1	pdf	Akalan Projects	05/09/2025
Revision 3	1	pdf	Akalan Projects	20/10/2025

EXECUTIVE SUMMARY[1]

Tetra Tech Coffey was commissioned by Akalan Projects Pty Ltd to undertake a Preliminary Site Investigation (PSI) of the property located at 119-129 Princes Highway, 2 Hogben Street and 1 South Street, Kogarah, NSW. The PSI supports the State Significant Development Application (SSDA) submitted to the Department of Planning, Housing and Infrastructure (DPHI) under Part 4 of the Environmental Planning and Assessment Act 1979 (EP&A Act 1979).

The objective of this PSI was to identify potential sources of contamination and assess associated risks to inform the future redevelopment. The assessment was conducted in accordance with NSW EPA guidelines and the ASC NEPM Schedule B2 framework. The investigation included a desktop review, site walkover, and interpretation of historical land use and environmental data for Propsoed Clinical Tower Site only. The main hospital site was excluded from the PSI as only minor works are proposed.

Potential sources of contamination were identified based on historical land uses and observed conditions:

- Fill Material: Heavy metals, asbestos, TRH, PAHs, BTEX, OCP, OPP, PCBs
- Historic mechanical/industrial use (e.g. service stations, workshops): Hydrocarbons, solvents, asbestos, heavy metals
- Film processing laboratory: Mercury, photographic chemicals, halogenated organics
- Potential subsurface infrastructure (e.g., USTs, old services): Petroleum hydrocarbons, VOCs
- Dust from nearby highway traffic: Lead

The assessment developed a conceptual site model which identified several Areas of Environmental Concern (AECs) with potentially complete exposure pathways, especially during site development activities including construction and maintenance workers, present and future site users, neighbouring properties during construction and terrestrial ecology.

There is potential for contamination in soil and possibly groundwater resulting from both onsite historical uses and surrounding land activities. The proposed development for the Proposed Clinical Tower site is expected to include excavation works and the introduction of sensitive receptors, such as healthcare workers and patients.

To appropriately manage risks and support future development:

1. A Detailed Site Investigation (DSI) should be undertaken to confirm contamination presence and extent.
2. Dangerous Goods Search is recommended to determine presence or decommissioning of underground storage tanks (USTs).
3. A Geophysical Survey to locate any buried infrastructure or features like USTs, stormwater, or sewer lines.
4. Consideration should be given to appropriate management measures for potential soil disposal and vapour risk control (if encountered).

[1] This executive summary must be read in the context of the full report and the attached limitations.

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ACRONYMS

Acronyms	Definition
AEC	Areas of Environmental Concern
AHD	Australian Height Datum
AP	Akalan Projects Pty Ltd
ASC NEPM	National Environment Protection (Assessment of Site Contamination) Measure 1999
ASS	Acid Sulfate Soil
BTEX	Benzene, Toluene, Ethylbenzene and Xylene
COPC	Contaminant of Potential Concern
NSW EPA	Environment Protection Authority of New South Wales
OCP	Organochlorine Pesticides
OPP	Organophosphate Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
PFAS	Per- and Poly-fluoroalkyl substances
PSI	Preliminary Site Investigation
TRH	Total Recoverable Hydrocarbons
TTC	Tetra Tech Coffey

1. INTRODUCTION

Tetra Tech Coffey Pty Ltd (Coffey) was engaged by Akalan Projects Pty Ltd (AP) to prepare a Preliminary Site Investigation (PSI) in support of a State Significant Development Application (SSDA) submitted to the Department of Planning, Housing and Infrastructure (DPHI) under Part 4 of the Environmental Planning and Assessment Act 1979 (EP&A Act 1979).

The SSDA seeks approval for the expansion of the St George Private Hospital. Specifically, the SSDA seeks consent for two components: the first being the construction of a health services facility (hospital), and the second relating to upgrades to the main hospital campus, including a new emergency department.

For reporting purposes, the site subject to the new health services facility (hospital) is referred to in this report as 'the site' and the main hospital campus is referred to as 'the main hospital campus'.

The proposed Clinical Tower site is located on the Princes Highway, surrounded by Bank Lane to the west, Hogben Street to the north and the Princess Highway to the East (refer to Figure 1 in Appendix A). The PSI was prepared in accordance with Coffey's fee proposal dated 19 March 2025 (ref: SYDGE381816, Rev02).

The PSI responds to the Secretary's Environmental Assessment Requirements (SEARs) issued by DPHI on 30 June 2025 in relation to the project.

1.1 OBJECTIVE

The objective of the PSI is to identify potential sources of contamination that may be pose a risk to the proposed development of the proposed Clinical Tower site.

1.2 SCOPE OF SERVICES

To meet the above objective, Coffey has prepared this PSI in general accordance with relevant guidelines including the Guidelines for Consultants Reporting on Contaminated Land (NSW EPA, 2020), and Schedule B2 of the National Environment Protection (Assessment of Site Contamination) Measure 1999 (the 'ASC NEPM') (NEPC, 2013).

The investigation included a desktop review, site walkover, and interpretation of historical land use and environmental data for Propsoed Clinical Tower Site only. The main hospital site was excluded from the PSI as only minor works are proposed.

In accordance with NSW EPA guidance and current industry good practice, Coffey carried out a review of the following information:

- Local soil landscape, geology, hydrogeology, topography, and acid sulfate soil risk maps.
- A selection of relevant historical aerial photographs covering the site and the surrounds.
- Registered groundwater bore information in the public register held by NSW Office of Water.
- Contaminated land records and environmental protection licence information in the public registers held by the NSW Environment Protection Authority.

To ground truth the findings of the review of the above information, a site walkover was undertaken to observe current activities and conditions within the site, and at adjacent properties.

It is also noted that a geotechnical investigation was undertaken by Coffey concurrently with this assessment. The geotechnical assessment involved the installation of three groundwater monitoring wells. Information gathered from the geotechnical investigation is reported separately.

2. SEARS RELEVANT TO THIS REPORT

This report has been prepared to respond to the SEARs issued for the St George Private Hospital Expansion project. The SEARs relevant to this PSI are detailed in Table 0.

Table 0: SEARs for Contamination and Remediation

Issue and assessment requirements	Documentation	Response
17. Contamination and Remediation • **Provide a Preliminary Site Investigation that assesses potential impacts on:** ○ **In accordance with Chapter 4 of SEPP (Resilience and Hazards) 2021, assess and quantify any soil and groundwater contamination and demonstrate that the site is suitable (or will be suitable, after remediation) for the development.**	PSI	This SEARs requirement is addressed by this PSI, which provides potential sources of contamination that may pose a risk to the proposed development of the Clinical Tower site.

3. SITE INFORMATION AND DESCRIPTION

3.1 SITE LOCATION

Site identification details are summarised in Table 1. The location and boundary of the site is shown in Figures 1 and 2 provided in Appendix A.

Table 1: Site Information

Item	Description
Site Address	119-129 Princes Highway, 2 Hogben Street and 1 South Street, Kogarah, NSW, 2217
Site Area	Approximately 2,200 m^2
Title Identification	Lot A, B & C DP358876 (termed as the northern portion of the site) Lot 1 DP8864, Lot 2 DP8864, Lot 3 DP8864, Lot 4 DP8864 (termed as the middle portion of the site) Lot 5 DP8864 (termed as the southern portion of the site)
Current Land Zoning	SP2 – Infrastructure & MU1 – Mixed Use
Local Government Authority	Georges River Council
Site Owner	Ramsey Health Care - St. George Private Hospital
Current Land Use	Car park

3.2 OVERVIEW OF PROPOSED DEVELOPMENT

The SSDA application for the expansion of the St George Private Hospital, is seeking consent for two components: the first being the construction of a health services facility (hospital) at the site, and the second relating to upgrades to the main hospital campus, including a new emergency department.

In summary, approval for the following is sought for the proposed Clinical Tower site:

- Site preparation works and bulk earthworks, including tree clearing
- Construction of a seven storey hospital
- Construction of a five level basement carpark providing a total of 241 parking spaces
- Ancillary office, amenities, and loading dock provisions
- Basement storage and a substation
- Landscaping works

The architectural plans for the proposed development are included in Appendix E.

3.3 SITE DESCRIPTION

An environmental scientist from Coffey completed a walkover of the site on the 11th of April 2025 with observations made during this walkover summarised below and selected photographs taken provided in Appendix B.

This investigation included a desktop review, site walkover, and interpretation of historical land use and environmental data for Propsoed Clinical Tower Site only. The main hospital site was excluded from the PSI as only minor works are proposed.

- The site was generally flat across the entirety of the site.
- At the time of the walkover the site was utilised as a car park with two electronic boom gates allowing access and egress onto Hogden Avenue to the north.
- The site surface comprised an asphalt pavement and appeared to be in generally good condition.
- Small amounts of litter were noted in the south-west corner of the site.
- A small retaining wall ran along the western boundary of the site.
- Mature trees were observed along the northern, western and eastern boundary and appeared to be in relatively healthy condition.
- The southern portion of the site comprised a two-storey white brick building with a shop frontage to the Princess Highway and rear access into Bank Lane which is currently utilised as a confectionery store.

3.4 SURROUNDING LAND USES

Table 2 below presents the uses of surrounding land based on observations made from accessible areas within the site and site boundary during the walkover, and a review of recent, web-based aerial imagery.

Table 2: Surrounding Land Uses

Direction	Description
North	Mixed residential and commercial buildings, including shops and apartments.
East	The Princess Highway with Kogarah TAFE NSW and James Cook Boys Technology High School directly opposite and low-to-medium density housing further beyond.
South	St. George Private Hospital and Special Suites.
West	Multi storey carpark for St George Hospital, St George TAFE, mixed residential and commercial buildings, including shops and apartments.

4. ENVIRONMENTAL SETTING

4.1 TOPOGRAPHY

NSW Elevation data indicates that the western boundary of the site has an elevation of 20 m Australian Height Datum (AHD) and gently slopes towards the east south-east.

4.2 GEOLOGY AND SOILS

Reference to the MinView Surface Geological Mapping database indicates that the site is underlain by Hawksbury Sandstone. Hawksbury sandstone is middle Triassic in age and comprises medium to coarse grained quartz sandstone displaying small to large scale, high angle cross bedding with minor shale and laminite lenses.

4.3 ACID SULPHATE SOILS

Reference to the Georges River Local Environment Plan 2021 indicates that the site does not lie within an Acid Sulfate Soils risk area, however it is noted that Class 5 areas were mapped at less than 100m to the east of the site towards Botany Bay.

4.4 HYDROGEOLOGY AND HYDROLOGY

Surface water features (e.g. ponds / wetlands) are not present on site. Surface water from rainfall is expected to flow towards the subsurface stormwater drainage system that is present across the site.

5. SITE HISTORY

5.1 INFORMATION SOURCES

Coffey reviewed the following sources of information to understand previous uses of the site and surrounding land:

- Aerial photographs sourced from the NSW Historical Imagery Viewer provided by NSW Department of Spatial Services.
- Various public records and registers.
- Previous reports.

5.2 PREVIOUS HISTORICAL REPORTS

Coffey reviewed the following contamination assessment reports from the neighbouring site:

- Tetra Tech Coffey (2017), Preliminary Contamination Assessment 131 Princes Highway Kogarah
- Tetra Tech Coffey (2017), Detailed Site Investigation 131 Princes Highway Kogarah

The review identified the following:

- An empty 9,000L underground storage tank (UST) and associated vent network was identified in the southwestern corner of the premises. A network of three groundwater bores were installed and no groundwater contamination associated with the UST was identified.
- Fibre cement fragments suspected to contain asbestos were noted on the premises. These were later reported to contain asbestos.
- Lead was reported above the HIL-D criteria of 1,500 mg/kg in sample BH8 (0.6-0.7) at a concentration of 21,000 mg/kg. As the concentration was >2.5x the site criteria, it was considered to be a contamination hotspot. Furthermore, the contamination was identified within the shallow bedrock, which suggests that leaching from the overlying fill material may have occurred.
- Concentrations of TRH F2 were reported above the HSL-B (0m to <1m) criteria for BH4 (0.4-0.5m), BH7 (0.15-0.25m) and BH7 (0.4-0.5m) which reported concentrations of 310 mg/kg, 5,500 mg/kg and 320 mg/kg respectively.
- Concentrations of TRH C10-C16 were reported above the management limit of 1,000 mg/kg and HSL-B criteria for direct contact (4,200 mg/kg) in sample BH7 (0.15-0.25m) and was confined to the upper fill layer.

5.3 HISTORICAL AERIAL PHOTOGRAPHS

Table 3 presents a summary of the aerial photography review which was undertaken using the Coffey (2017) PSI report for the property adjoining the site. The Lotsearch report included within Coffey (2017) is provided in Appendix C.

Table 3: Summary of Aerial Photograph Review

Date	Site	Surrounding Land
1943	The site is occupied by several buildings within the northern portion of the site that appear to be low density residential. The middle portion of the site appears to be the backyard of the residential properties. The southern portion has a building structure present that is facing the Princess highway. The rear of the property appears to be a backyard, so it is likely a residential building	The surrounding land use is occupied by residential dwellings south, west and north with some commercial buildings located east. Princess Highway has been constructed. A racecourse is present beyond this to the south-west of the site (Moorefield Racecourse). Areas of grassed, cleared land are present to the north-west and south-west of the site.
1956	It appears an increased density of buildings are present within the northern part of the site; possibly existing structures have been demolished and a larger building constructed. The middle portion of the site appears to have remained largely vacant, although some additional smaller structures have appeared. The southern part of the site appears to have a new building constructed.	The surrounding land use is predominantly unchanged from the previous photograph with the exception of a commercial building now present towards the west of the site.
1961	A multi-storied building is clearly present within the north-western portion of the site (possibly the squash courts) with the eastern side of the northern portion appearing similar to the 1956 image The middle portion of the site appears to have remained unchanged. Several structures are on the southern side of the property have been demolished.	The residential properties immediately south of the site have been demolished and a large building has been constructed. The area to the north-east and east has been cleared and now appears to be the location of the TAFE and school. The now present 7-11 Service Station to the north-east appears to have been constructed. The rest of the surrounds are generally similar to the previous photograph.
1965	The site is generally similar to the previous photograph.	The surroundings are generally similar to the previous photograph except an increase in the number of commercial properties to the south. The racecourse to the east looks to have been converted to playing fields.
1970	The site is generally similar to the previous photograph.	The construction site to the north-east has been replaced by several new commercial buildings. A new car park has been constructed for the playing fields. The remainder is generally similar to the previous image.
1982	The site has undergone some change with buildings in the north eastern portion of the site demolished and appears to have been replaced with an at grade carpark. A structure now appears within the middle portion of site and the southern portion of the site is similar. The large building within the north east is still present.	The surrounds are generally similar to the previous photograph except the large building located to the south now appears to have a chimney stack visible on the image.
1991	The site is generally similar to the previous photograph.	Several buildings towards the south of the site have been demolished including the large building with the chimney stack. Previously residential properties to the north of the site have been demolished and new commercial or industrial buildings constructed in their place. The rest of the surrounds are generally similar to the previous image.

Date	Site	Surrounding Land
2000	All of the on-site buildings appear to have been demolished, and the site now appears to be in use as a car park. Trees are present along the northern part of the site. Within the southern portion of the site, a building still appears to be present.	Surrounding land to the east remains similar to present day. TAFE NSW and James Cook Technology High School exist to the east. West of the site appears to be occupied by residential housing. Construction of the now present St George Hospital appears to the south.
2009	Similar to 2000 image.	Similar to 2000 image. Properties directly to the west of the site have been demolished and a carpark (possibly multistorey) has now appeared.
2014	Similar to the 2009 image	Similar to the 2009 image except a new development to the north-west opposite the site has now appeared.
2025 (Google Maps)	Similar to the 2014 image.	Similar to the 2014 photograph, noting that the property to the south was demolished and rebuilt following the Coffey 2017 investigations (now health care services).

5.4 HISTORICAL BUSINESSES

A search of the historical business directory provided in the Lotsearch report obtained from the Coffey 2017 PSI (see Appendix C) identified the following:

- Northern Portion of the Site:
  - Squash Courts 1965 to 1986 within the north-western lot
  - Panel beaters/mechanic (1950 to 1970) within lot adjacent to Princess Highway (north-eastern lot).
- Middle portion of the site:
  - Kogarah Bottle Exchange (1950 to 1970)
  - BP Kogarah (1975)
  - Discount houses (1978)
- Southern portion of the Site
  - Kogarah Motor Works (1950)
  - Pacific Film Laboratories (1965)
- Directly to the south of the site
  - The site was used for wholesale carpet sales since 1986. Prior to this, business directory records indicate the site was occupied by Kogarah Tyre Service/Kogarah Auto Centre between 1975 and 1982.

5.5 PUBLIC RECORDS AND REGISTERS

5.5.1 List of Contaminated Sites Notified to the EPA

A search of the List of NSW Contaminated Sites Notified to NSW EPA[2] was carried out on 1 May 2025. The search indicates that the sites, had not been notified to the NSW EPA under Section 60 of the Contaminated Land Management Act 1997. However, four properties were recorded which are located within 500 m radius of the site as follows:

- A site listed as “Former 7-Eleven Kogarah” was located at 734 Princes Highway, Kogarah approximately 170 m north-east of the site. The site is listed as service station and the management class is listed as ‘‘Contamination currently regulated under CLM act’’.
- A Woolworths Petrol Service Station was located at 69 Princes Highway, Kogarah approximately 250 m north of the site. The site is listed as service station and the management class is listed as ‘‘Regulation under CLM Act not required’’.
- A Caltex Service Station located at 29 President Avenue; Kogarah was located approximately 400 m to the east north east of the site. The site is listed as service station and the management class is listed as ‘‘Regulation under CLM Act not required’’.

5.5.2 NSW EPA Contaminated Land Public Record

A search of the List of NSW Contaminated Sites Notified to NSW EPA was carried out on 1 May 2025 with the search identifying one site within the suburb of Kogarah.

- Site: Former 7-Eleven Kogarah
- Address: 734 Princes Highway, Kogarah
- LGA: Bayside

Notice Recipient	Notice type & number	Status	Date
Name Withheld	Declaration of Significantly Contaminated Land	Current	Issued 07 July 2021
Not Applicable	Site Audit Statement	Issued	Issued 07 January 2025

5.5.3 Protection of the Environment Operation Public Registers

A search of the NSW EPA POEO Public Registers[3,4] was undertaken on 1 May 2025 for:

- Activities licensed by the NSW EPA under Schedule 1 of the POEO Act 1997.
- Unlicensed premises regulated by the EPA.

The site was not identified in a search of these registers. Two properties were listed within a 1,000 m radius of the site. HCOA Operations (Australia) Pty Ltd and South Eastern Sydney and Illawarra Area Health Service both used to have a POEO license, but these were surrendered in 2000. One property was listed within a 1.5km radius of the site. Calvary Health Care Sydney Ltd but the license was rescinded in 2002.

[2] https://www.epa.nsw.gov.au/your-environment/contaminated-land/notified-and-regulated-contaminated-land/list-of-notified-sites
[3] https://apps.epa.nsw.gov.au/prpoeoapp/
[4] https://www.epa.nsw.gov.au/licensing-and-regulation/public-registers/about-prpoeo/unlicensed-premises-epa-reg

5.5.4 Former Gasworks

A search of NSW EPA List of Former Gasworks[5] was undertaken on 1 May 2025. The search indicated that that site was not listed nor were properties other within 500 m of the site.

5.5.5 Waste Management Facilities

A search of the National Waste Reporting Mapping Tool[6] on 1 May 2025 did not identify the site or properties within 500 m of the site as being listed as a waste management facility.

5.5.6 NSW Government PFAS Investigation Program

The NSW EPA is leading an investigation program to assess the legacy of Per- and poly-fluoroalkyl substances (PFAS) use across NSW. Current investigations are focused on sites where it is likely that large quantities of PFAS have been used. Investigations are currently being carried out at numerous properties within NSW. A search of the NSW EPA website[7] on 1 May 2025 did not identify the site or properties within 500 m of the site which are being investigated for PFAS use under the NSW Government PFAS Investigation Program.

5.5.7 Known James Hardie Waste Disposal Sites

The NSW EPA published a summary project report titled *Regulation Project – James Hardie Asbestos Waste Contamination Legacy*[8] in 2012. This report presented a summary of asbestos impacted sites resulting from former operations of James Hardie Industries and related entities (James Hardie). A review of the report indicates that the site is not listed as a known James Hardie Waste Disposal Site.

5.6 GROUNDWATER BORE SEARCH

A search of groundwater bore licenses was undertaken on 1 May 2025 using the Water NSW website (https://realtimedata.waternsw.com.au/). The results of the search did not identify any licensed groundwater bores within the site but indicated ten (10) registered groundwater works within an approximate 500m radius of the Site. The purpose of all identified bores was a mixture of groundwater monitoring and domestic use. The majority of bores are located within the Botany Sands aquifer whilst the remaining bores utilised for monitoring wells are located at service station sites. All bores were relatively shallow in depth at approximately 6 m below ground surface. The search results are summarised Table 4. Bore records are also provided in Appendix D.

[5] https://www.epa.nsw.gov.au/your-environment/contaminated-land/other-contamination-issues/former-gasworks-sites
[6] http://www.environment.gov.au/webgis-framework/apps/nwr-wide/nwr-wide.jsf
[7] https://www.epa.nsw.gov.au/your-environment/contaminated-land/pfas-investigation-program
[8] https://www.epa.nsw.gov.au/-/media/epa/corporate-site/resources/clm/james-hardie/120919jameshardiereport.pdf

Table 4: Summary of registered groundwater bores

Bore ID	Status	Purpose	Approximate Distance from Site (metres)
GW023985	Current	Monitoring bore	390m South East
GW024615	Current	General use	388m South
GW107374	Converted	Domestic	480m South East
GW107606	Converted	Domestic	460m South East
GW107743	Converted	Domestic	430m South East
GW107799	Converted	Domestic	455m South East
GW108551	Converted	Domestic	310m South East
GW111561	Converted	Domestic	425m South East
GW116347	N/A	Monitoring bore	180m North East
GW116822	Current	Monitoring bore	180m North East

5.7 SUMMARY OF SITE HISTORY

Based on the available information outlined above the site history can be summarised as:

- The northern part of the site has largely been occupied and originally utilised for residential purpose around 1943 following which it was developed into a large commercial building and utilised as a squash centre between 1965 to 1986 prior to being demolished and is now part of the existing carpark.

  The northeastern part of the site was predominantly utilised as a form of mechanics or workshop facilities between 1950 and 1970 prior to becoming a car park.

- The middle portion of the site remained largely as open space and likely a residential property containing a backyard between 1943 and at least 1970. Following this it appears to have been utilised for a commercial business including bottle exchange, service station and a discount house (presumably for the sale of random goods).
- The southern portion of the site has remained very consistent and has had a building structure present since 1943. Despite the consistency, it has had a number of business activities during its life ranging from a mechanics to film processing laboratory to a confectionery shop.

The surrounding areas were used for a combination of residential and commercial purposes. Over time, low density residential housing was replaced by additional infrastructure related to health service facilities as well as medium density apartments and townhouses.

6. INTEGRITY OF INFORMATION REVIEWED

The following sources of data were relied upon for this assessment:

- Public records and maps maintained and provided by various government departments.
- Observations and information garnered during the site walkover.
- Lot Search Report for the adjacent property at 131 Pacific Highway, Kogarah (Report ID LS001807 dated 11 July 2017).

The use of the Lot Search report provided a significant amount of information that was also applicable to the subject Site (119-129 Princes Highway, 2 Hogben Street and 1 South Street, Kogarah). Although the Lot Search report was undertaken in 2017 and generated eight years ago, a significant amount of this data is still considered relevant to this assessment including historical aerials, historical businesses and relevant mapping. Although a new report may draw upon new information not previously held by Lot Search at the tie f the 2017 report. However, the observations made during the site walkover were generally consistent with the

recent aerial photographs and the site has not changed significantly since prior to 2000. The period between aerial photographs reviewed is considered appropriate to make an assessment of historical land use when combined with the other lines of evidence (i.e. historical business directory records).

7. CONCEPTUAL SITE MODEL

7.1 AREAS OF ENVIRONMENTAL CONCERN

Table 5 presents the areas of environmental concern (AEC) which have been identified based on the findings of the desk-based research and site walkover.

Table 5: Summary of AECs

Potential Contaminating Activity / AEC	Contaminants of Potential Concern (COPC)	Comments
Fill material of unknown origin or quality on site, potentially associated with historical site development or surrounding land use changes.	• Heavy metals • Asbestos • Total Recoverable Hydrocarbons (TRH) • Polycyclic Aromatic Hydrocarbons (PAH) • Monoaromatic Hydrocarbons incl. Benzene, Toluene, Ethylbenzene and Xylene (BTEX) • Organic Pesticides (OCP & OPP) • Polychlorinated Biphenyls (PCB)	Fill may have been imported during past site development with source and composition being unknown. If not managed correctly this may result in contamination of the fill material within the site. Workers (and adjoining land users via airborne transport mechanisms) involved in demolition, excavation and construction may be exposed to surface soils containing these materials Current and future site users are unlikely to be exposed to fill materials containing these materials due to the site being entirely paved and the future development likely to be a multistorey building with no soil access.
Dust deposition from main road traffic.	• Lead	The site is located on the Princess Highway which may have resulted in deposition of lead dust arising from leaded fuels over the years. When the middle lot was vacant (ie pre-1970), the site may have comprised largely bare earth/grass which may have enabled higher deposition rates for lead.
Historical business use at the site as a service station and mechanic and film processing.	• Heavy metals • Asbestos • Total Recoverable Hydrocarbons (TRH) • Polycyclic Aromatic Hydrocarbons (PAH) • Monoaromatic Hydrocarbons incl. Benzene, Toluene, Ethylbenzene and Xylene (BTEX) • Volatile Organic Compounds (VOCs) • Photographic chemicals (including mercury) • Halogenated organics	The use of the north-eastern portion of the site as a mechanics and workshop and possibly service station for a long period of time together with the middle portion of the site briefly being a BP Service Station Site and to a lesser extent the southern building being used as a mechanics briefly may have resulted in the potential for USTs to be present that may have leaked over time. No dangerous goods search was undertaken as part of this assessment. No evidence was observed of any fuel infrastructure being present, however this should be further investigated. The southern portion of the site's use temporarily as a film processing centre may have given rise to contamination if poor chemical use and management and waste handling practices were adopted.
Weathering of hazardous building materials within current/former site structures that may contain asbestos.	• Heavy metals including lead • Asbestos (bonded and friable forms).	It is likely that previous site buildings may have contained hazardous building materials, which may have resulted in contamination to the soils beneath the exiting site building. There is also potential for hazardous building materials to be present in the former structures which, if not

Potential Contaminating Activity / AEC	Contaminants of Potential Concern (COPC)	Comments
Poor historic demolition practices resulting in deposition of hazardous materials in fill.		managed correctly may result in contamination of the fill material within the site.
Historical land uses on nearby properties undertaking potentially contaminating activities	• Heavy metals, TRH, BTEX & PAH • Groundwater via on site migration.	A number of historical businesses on properties surrounding the site were identified to be potential off-site sources of contamination. Previous investigations have identified elevated levels of TRH, lead and the presence of asbestos in surface and fill materials at adjoining properties.

7.2 RECEPTORS, POTENTIAL TRANSPORT MECHANISMS & EXPOSURE PATHWAYS

Table 6 summaries the potentially affected media, key potential receptors, and transport mechanisms assuming future use of the site may be Special Purpose – Infrastructure (Land Zone SP2). A concept design for the proposed clinical tower site has been proposed which will comprise an expansion of the health services facility for the St. George Private Hospital.

Table 6: Summary of Potentially affected media, receptors, transport mechanisms and exposure routes

Consideration	Information
Potentially Affected Media	**Soil** – fill material and potentially the upper layers of natural soil and/or bedrock **Groundwater** – secondary contamination source via infiltration (dissolution/leaching) through potentially impacted fill/natural soil and leakage of USTs, sewer and stormwater drains.
Potential Transport Mechanisms & Exposure Pathways	• Dermal contact with contaminated soil and water • Incidental ingestion of contaminated soil and/or groundwater • Inhalation of airborne dusts, vapours, and fibres • Lateral and vertical water migration • Surface water flow including suspended solids. • Preferential flows via overland/subsurface drainage • Ecological uptake mechanisms
Potential Receptors & Discussion of Pollutant Linkages	***Site Users – Site Worker & Visitor (Current and Future Site Use)*** • Potential for exposure via dermal contact, and ingestion/inhalation of soil/fibres is assessed to be low/negligible where current asphalt cover is maintained given site visits are typically infrequent and short duration. • Potential for contact with perched water or surface water is considered to be low/negligible (assuming no deep maintenance works). ***Future Construction/Maintenance Workers*** • Potential exposure to impacted soil and water via dermal contact, ingestion and inhalation of soil, vapours and fibres considered possible during site redevelopment and subsurface maintenance activities. ***Neighbouring Site Users***

Consideration	Information
	• Potential for exposure via inhalation of dust/fibres to be to be low/negligible in the context of the current site use. The potential for exposure increases during future site development/construction activities. • Contact with water is considered unlikely given drainage infrastructure is present. • Surface water unlikely to convey potential contaminated soil onto neighbouring sites. ***Terrestrial Ecology – Mature trees and landscaping on site*** • Mature trees and established vegetation on site may be exposed to potential contamination via plant uptake mechanisms, where they are in direct contact with potentially contaminated soils. A plausible pollutant linkage is considered to be low/negligible for the current site use given that existing vegetation did not appear to exhibit visible signs of stress during the site walkover, however contamination (if present) may pose unacceptable risks to new plants/tress should the site be redeveloped although given the proposed development will consume the vast majority of the sites footprint, this is also considered to be a low to negligible risk. If a risk was present, it can be managed through planting in imported good quality soils.

7.3 ASSESSMENT OF EXPOSURE PATHWAYS

Table 7 summarises the identified potential human exposure pathways in the context of the current use of the proposed clinical tower site and future use may be Special Purpose – Infrastructure (Land Zone SP2). Overall, it is considered that there may be potentially complete pathways between potential contamination and exposure to humans given the current and likely future use of the proposed clinical tower site. Further assessment is required to validate this statement.

Table 7: Summary of potentially complete pathways - Human Health

Human Receptor	Exposure Pathways Potentially Complete?				
	Dermal Contact	Ingestion of Soil	Inhalation of Dust/Fibres	Indoor Inhalation of Gases/Vapours	Groundwater Use
Site Visitor (Current Use)	×	×	×	×	×
Construction/Maintenance Worker	✓	✓?	✓?	✓?	×
Neighbouring Site Users	×	×	×	×	NA
Commercial (Workers and Visitors)	×	×	×	✓?	×

Notes: ✓ - Complete Pathway, ✓? – Potentially Complete Pathway (dependant on site conditions), × - Incomplete Pathway, NA Pathway not applicable

Table 8 summarises the identified key potential exposure pathways for environmental receptors in the context of the current land use and future land use of the proposed clinical tower site, considering those permitted under the land zoning as described in Table 1. Overall, it is considered that there may be potentially complete pathways between potential contamination and exposure to environmental receptors given the current and likely future use of the clinical tower site.

Table 8: Summary of potential complete pathways - Environmental Receptors

Environmental Receptor	Exposure Pathways Potentially Complete?			
	Soil Contamination in upper 2m	Groundwater	Surface Water	Plant Uptake Mechanisms
Aquatic Receptors (On Site)	✓?	✓	×	✓?
Aquatic Receptors (Off Site)	✓?	×	✓?	NA
Terrestrial Ecology (On Site)	✓?	NA	×	✓?

Notes: ✓ - Complete Pathway, ✓? – Potentially Complete Pathway (dependant on site conditions), × - Incomplete Pathway, NA Pathway not applicable

8. CONCLUSIONS AND RECOMMENDATIONS

8.1 CONCLUSIONS

The site is currently used as an on grade car park which is asphalt paved. A review of historical aerial images and business directories indicates that the site(s) were used for a variety of purposes including residential and commercial land use. These business uses ranged in potential contaminating activities ranging from those with a low/negligible risk such as squash courts through to those with potentially higher risks such motor mechanics / service stations and film processing; along with other uses with a risk profile between these. The site has largely been used as a carpark since 2000 except for the southern building which has remained and is currently utilised as a confectionary shop.

The review of available historical records, and observations made during a site walkover has identified the following potential contamination sources, and contaminants of potential concern (COPC), within the proposed clinical tower site:

- Fill material of unknown origin or quality on site. COPC: Heavy metals, asbestos, TRH, PAH, BTEXN, OCP, OPP and PCB.
- Former buildings on site and insitu abandoned services (ie USTs and/or pipes) leading to contaminating activities with COPC being heavy metals, asbestos, metallic, petroleum hydrocarbons and volatile organic compounds.
- Current and / or historical land uses of neighbouring properties.

The main hospital site was excluded from the PSI as only minor works are proposed.

Based on the findings of this assessment, it is concluded that there is the potential to encounter soil and/or groundwater contamination at the proposed clinical tower site. The proposed development will introduce sensitive receptors on to the site, both during construction and future occupation of the site. It is noted that the proposed development is likely to utilise the majority of the sites footprint and may require excavation to accommodate basement carparking and/or a basement. If excavation and disposal of soils is undertaken, volatile contaminants could still remain which may pose a risk to future occupants.

8.2 RECOMMENDATIONS

Based on the review undertaken in this PSI it is recommended that:

- A Detailed Site Investigation (DSI) including intrusive investigations be completed for the proposed clinical tower site to provide further confidence in ground contamination conditions and the significance of risk that contamination (if present) would pose in a future development scenario.
- A Dangerous Goods Search is also recommended to be carried out for the proposed clinical tower site to confirm the presence of USTs at the site or if they have been decommissioned or left insitu. A geophysics

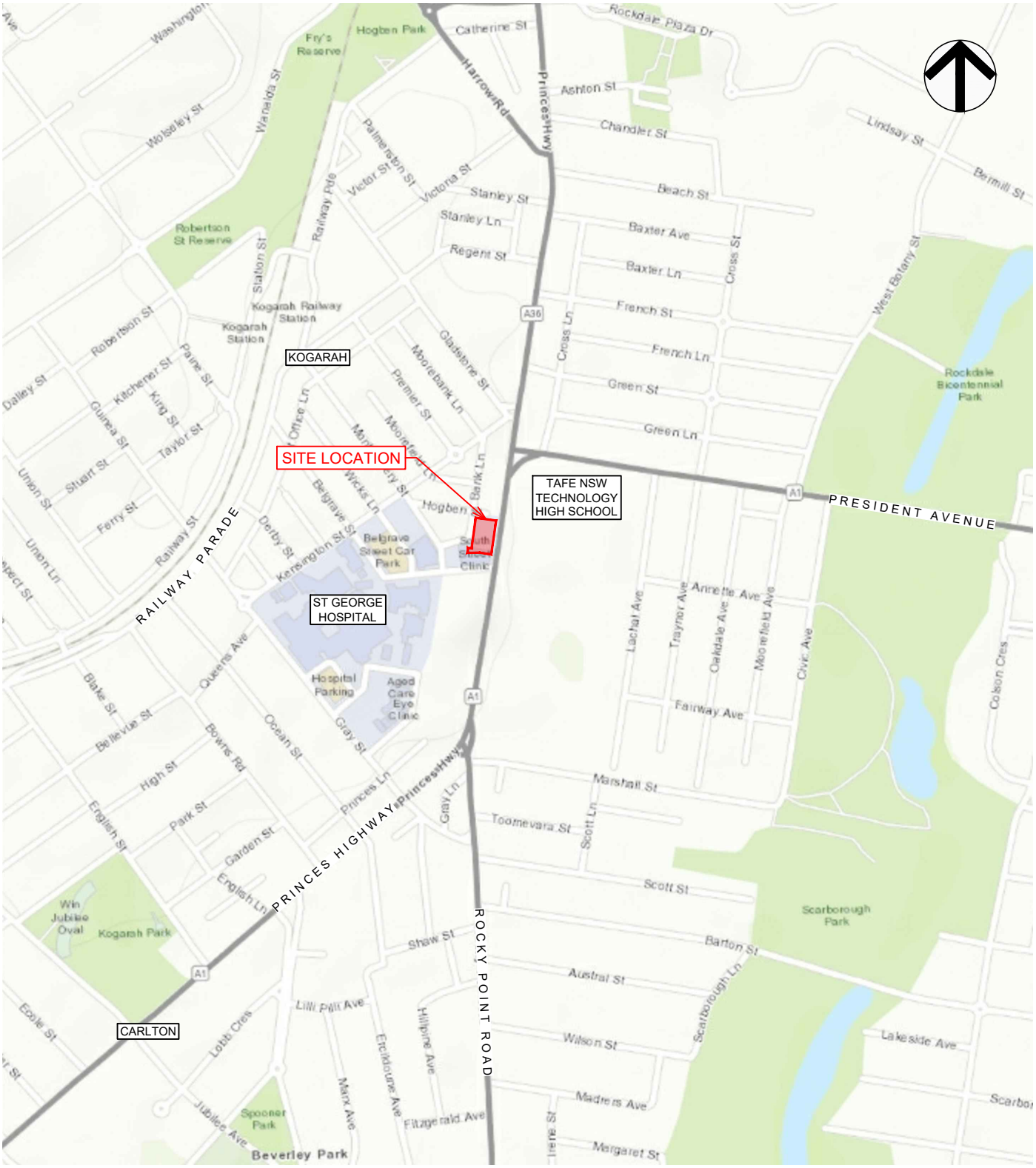
survey could also be undertaken to identify subsurface features such as USTs and if stormwater and sewer services are still present within the site boundaries.

This report should be read in conjunction with the limitations attached to the rear of this report.

9. REFERENCES

- Geological Survey of NSW (1983) *Geological Series Sheet 9130 'Sydney'* (1:100,000 scale; Edition 1)
- NEPC (2013); *National Environment Protection (Assessment of Site Contamination) Measure 1999* (the 'ASC NEPM')
- NSW EPA (2020); *Guidelines for Consultants Reporting on Contaminated Land,*
- NSW Work Health and Safety Act 2011 (WHS Act 2011)
- NSW Work Health and Safety Regulation 2011 (WHS Regulation 2017)
- Contaminated Land Management (CLM) Act, 1997 (CLM Act 1997)
- Protection of the Environment Operations (POEO) Act 1997 (POEO Act 1997)

APPENDIX A: FIGURES



MAP PROJECTION: GDA2020 MGA ZONE 56

100 0 100 300 500

Scale (metres) 1:10000

IMAGERY SOURCE: WORLD TOPOGRAPHIC MAP
SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

DRAFT

drawn	EP / DR
approved	-
date	20-06-2025
scale	AS SHOWN
original size	A4

TETRA TECH COFFEY

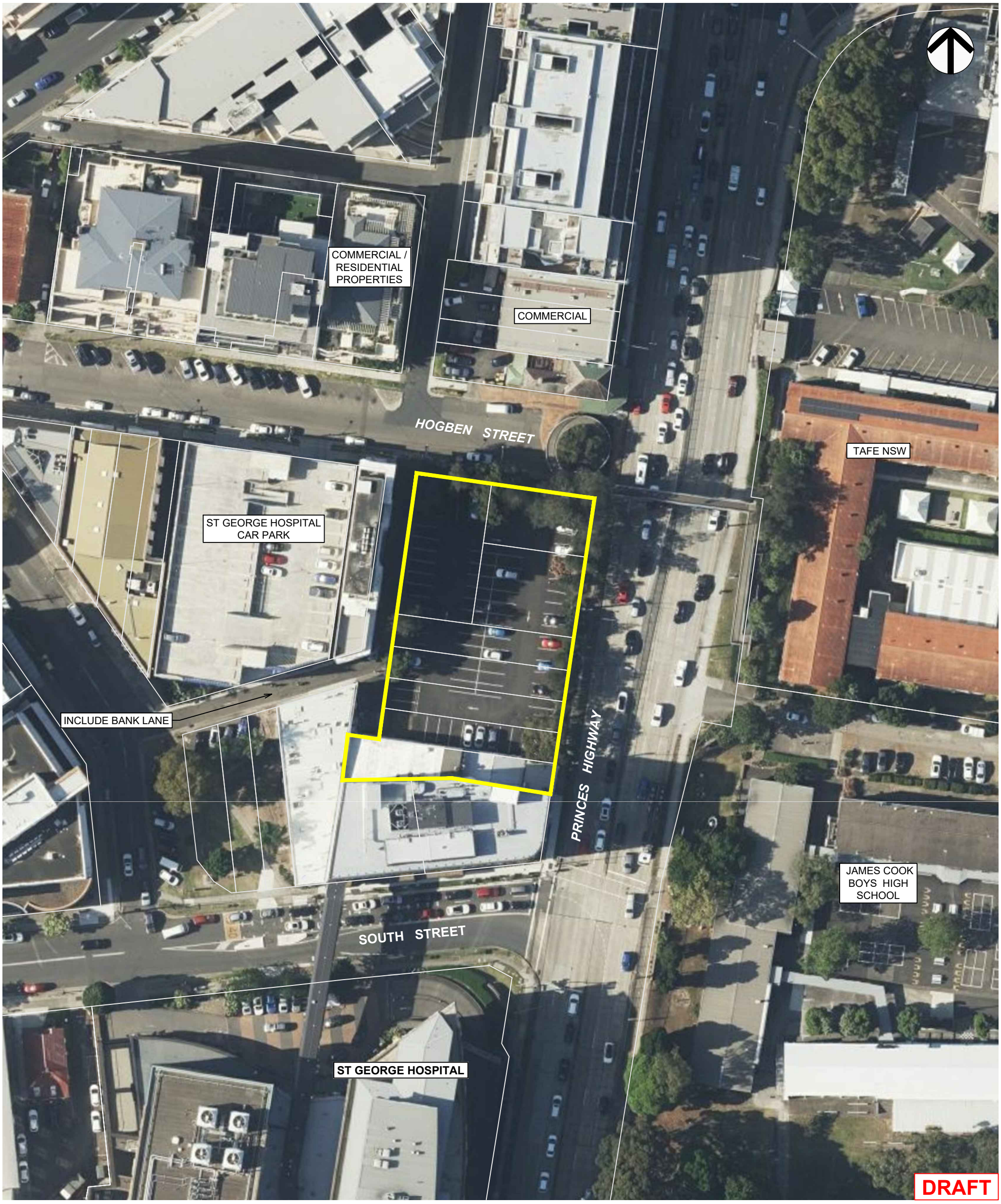
client: RAMSAY HEALTH CARE PTY LTD C/O AKALAN PROJECTS LTD

project: ST GEORGE PRIVATE HOSPITAL
HOGBEN STREET, KOGARAH, NSW

title: SITE LOCATION PLAN

project no: 754-SYDGE381816-R03 | figure no: FIGURE 1 | rev: A

PLOT DATE: 20/06/2025 11:44 AM DWG FILE: \\TT-LOCAL\CO\PS\779\P1\ PROJECTS\4. SYD-GEOTECHNICS\22. SYDGE380000\SYDGE381816 - ST GEORGE HOSPITAL (RHC)\12. CAD\754-SYDGE381816-R03.DWG



revision	no.	description	drawn	approved	date

LEGEND

SITE BOUNDARY

MAP PROJECTION: GDA2020 MGA ZONE 56

5 0 5 10 15

Scale (metres) 1:300

AERIAL IMAGERY COPYRIGHT: ©Land and Property Information (2018)
SOURCED FROM WEBSITE: http://www.lpi.nsw.gov.au/mapping_and_imagery/lpi_web_services
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drawn	EP / DR
approved	-
date	20-06-2025
scale	AS SHOWN
original size	A3

TETRA TECH COFFEY

client: RAMSAY HEALTH CARE PTY LTD C/O AKALAN PROJECTS LTD

project: ST GEORGE PRIVATE HOSPITAL
HOGBEN STREET, KOGARAH, NSW

title: SITE LAYOUT

project no: 754-SYDGE381816-R03 | figure no: FIGURE 2 | rev: A

PLOT DATE: 20/06/2025 2:52 PM DWG FILE: \\TT.LOCAL\COPS779\F\1. PROJECTS\4. SYD-GEOTECHNICS\22. SYDGE380000\SYDGE381816 - ST GEORGE HOSPITAL (RHC)\12. CAD\754-SYDGE381816-R03.DWG

APPENDIX B: SITE PHOTOGRAPHS

Photograph 1: Site entrance (exit lane wider, 2.5m).

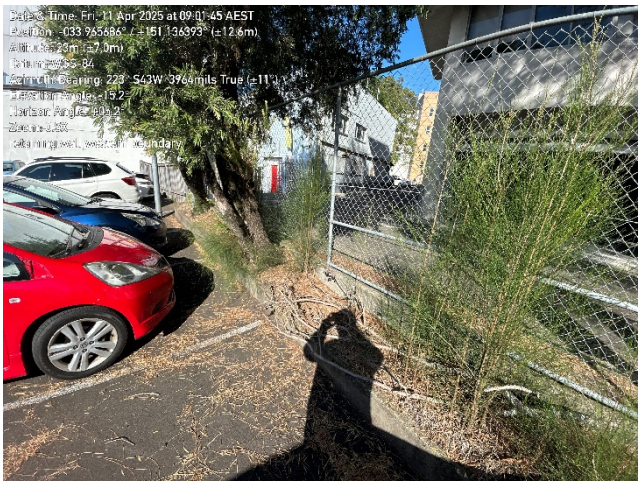
Photograph 2: Electricity cables/boxes below ground, close to BH01.

Photograph 3: Overhead power line (centre north side of site). NBN + other utilities running beneath.

Photograph 4: 'Lolly Factory' – south of site.

Photograph 5: Drain pipe running below ground near BH01.

Photograph 6: South west corner, proposed location for BH02. Some miscellaneous litter.



Photograph 7: Retaining wall on western boundary.

Photograph 8: Light in south western corner, connects to power line in Photograph 3**.**

Photograph 9: Aircon unit dripping water.

Photograph 10: Lolly factory on south side of site. Window/ventilation behind parked black car.

Photograph 11: Site entry. Narrow path to conventional entry side. May be easier access through ‘exit’ boom gate.

Photograph 12: School and TAFE across Princes Hwy (east of site).

Photograph 13: North along Princes Hwy, carwash on nearest corner, and AMPOL service station across from it.

APPENDIX C: SITE HISTORY INFORMATION

Environmental Risk and Planning Report

131 Princes Highway, Kogarah, NSW 2217

Report Date: **11 Jul 2017 09:50:06**

Disclaimer:
The purpose of this report is to provide an overview of some of the site history, environmental risk and planning information available, affecting an individual address or geographical area in which the property is located. It is not a substitute for an on-site inspection or review of other available reports and records. It is not intended to be, and should not be taken to be, a rating or assessment of the desirability or market value of the property or its features.
You should obtain independent advice before you make any decision based on the information within the report.
The detailed terms applicable to use of this report are set out at the end of this report.

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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
1	Georeferenced to the site location / premise or part of site
2	Georeferenced with the confidence of the general/approximate area
3	Georeferenced to the road or rail
4	Georeferenced to the road intersection
5	Feature is a buffered point
6	Land adjacent to Georeferenced Site
7	Georeferenced to a network of features

Dataset Listing

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

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	Land and Property Information	11/07/2017	11/07/2017	Daily	-	-	-	-
Topographic Data	Land and Property Information	10/04/2015	01/04/2015	As required	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority	22/06/2017	13/06/2017	Monthly	1000	0	0	3
Contaminated Land: Records of Notice	Environment Protection Authority	22/06/2017	22/06/2017	Monthly	1000	0	0	0
Former Gasworks	Environment Protection Authority	22/06/2017	16/01/2017	Monthly	1000	0	0	0
National Waste Management Site Database	Geoscience Australia	07/03/2017	15/11/2012	Quarterly	1000	0	0	1
EPA PFAS Investigation Program	Environment Protection Authority	22/06/2017	22/06/2017	Monthly	2000	0	0	1
EPA Other Sites with Contamination Issues	Environment Protection Authority	22/06/2017	22/06/2017	Quarterly	1000	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority	13/06/2017	13/06/2017	Monthly	1000	0	0	6
Delicensed POEO Activities still Regulated by the EPA	Environment Protection Authority	13/06/2017	13/06/2017	Monthly	1000	0	2	3
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	13/06/2017	13/06/2017	Monthly	1000	0	0	4
UPSS Environmentally Sensitive Zones	Department of Environment, Climate Change and Water (NSW)	14/04/2015	12/01/2010	As required	1000	1	1	1
UBD Business to Business Directory 1991 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	0	0
UBD Business to Business Directory 1991 (Road & Area Matches)	Hardie Grant			Not required	150	-	1	1
UBD Business to Business Directory 1986 (Premise & Intersection Matches)	Hardie Grant			Not required	150	2	5	6
UBD Business to Business Directory 1986 (Road & Area Matches)	Hardie Grant			Not required	150	-	1	1
UBD Business Directory 1982 (Premise & Intersection Matches)	Hardie Grant			Not required	150	1	3	3
UBD Business Directory 1982 (Road & Area Matches)	Hardie Grant			Not required	150	-	2	2
UBD Business Directory 1978 (Premise & Intersection Matches)	Hardie Grant			Not required	150	1	6	6
UBD Business Directory 1978 (Road & Area Matches)	Hardie Grant			Not required	150	-	3	4
UBD Business Directory 1975 (Premise & Intersection Matches)	Hardie Grant			Not required	150	1	5	5
UBD Business Directory 1975 (Road & Area Matches)	Hardie Grant			Not required	150	-	5	8
UBD Business Directory 1970 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	11	11
UBD Business Directory 1970 (Road & Area Matches)	Hardie Grant			Not required	150	-	3	3
UBD Business Directory 1965 (Premise & Intersection Matches)	Hardie Grant			Not required	150	6	20	24
UBD Business Directory 1965 (Road & Area Matches)	Hardie Grant			Not required	150	-	3	3
UBD Business Directory 1950 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	18	25
UBD Business Directory 1950 (Road & Area Matches)	Hardie Grant			Not required	150	-	5	6
UBD Business Directory Drycleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	1000	0	6	79
UBD Business Directory Drycleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	1000	-	3	26
Points of Interest	Land and Property Information	01/02/2017	01/02/2017	Annually	1000	1	7	66

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
Tanks (Areas)	Land and Property Information	01/02/2017	01/02/2017	Annually	1000	0	0	0
Tanks (Points)	Land and Property Information	01/02/2017	01/02/2017	Annually	1000	0	0	0
Major Easements	Land and Property Information	01/02/2017	01/02/2017	As required	1000	0	0	5
State Forest	Land and Property Information	01/02/2017	29/06/2016	As required	1000	0	0	0
NSW National Parks and Wildlife Service Reserves	NSW Office of Environment and Heritage	01/02/2017	31/12/2016	Annually	1000	0	0	0
Hydrogeology Map of Australia	Commonwealth of Australia (Geoscience Australia)	08/10/2014	17/03/2000	As required	1000	1	1	1
Groundwater Boreholes	NSW Department of Primary Industries - Office of Water / Water Administration Ministerial Corporation; Commonwealth of Australia (Bureau of Meteorology) 2015	21/03/2016	01/12/2015	Annually	2000	0	0	492
Geological Units 1:100,000	NSW Department of Industry, Resources & Energy	20/08/2014		None planned	1000	1	-	6
Geological Structures 1:100,000	NSW Department of Industry, Resources & Energy	20/08/2014		None planned	1000	0	-	0
Naturally Occurring Asbestos Potential	NSW Department of Industry, Resources & Energy	04/12/2015	24/09/2015	Unknown	1000	0	0	0
Soil Landscapes	NSW Office of Environment and Heritage	12/08/2014		None planned	1000	1	-	7
Standard Local Environmental Plan Acid Sulfate Soils	NSW Planning and Environment	07/10/2016	07/10/2016	As required	500	0	-	-
Dryland Salinity - National Assessment	National Land and Water Resources Audit	18/07/2014	12/05/2013	None planned	1000	0	0	0
Dryland Salinity Potential of Western Sydney	NSW Office of Environment and Heritage	12/05/2017	01/01/2002	None planned	1000	-	-	-
Mining Subsidence Districts	Land and Property Information	05/07/2017	01/07/2017	As required	1000	0	0	0
SEPP 14 - Coastal Wetlands	NSW Planning and Environment	17/12/2015	24/10/2008	Annually	1000	0	0	0
SEPP 26 - Littoral Rainforest	NSW Planning and Environment	17/12/2015	05/02/1988	Annually	1000	0	0	0
SEPP 71 - Coastal Protection	NSW Planning and Environment	17/12/2015	01/08/2003	Annually	1000	0	0	0
SEPP Major Developments 2005	NSW Planning and Environment	09/03/2013	25/05/2005	Under Review	1000	0	0	0
SEPP Strategic Land Use Areas	NSW Planning and Environment	06/07/2016	28/01/2014	Annually	1000	0	0	0
Local Environmental Plan - Land Zoning	NSW Planning and Environment	30/06/2017	23/06/2017	Quarterly	1000	1	6	106
Local Environmental Plan - Minimum Subdivision Lot Size	NSW Planning and Environment	30/06/2017	23/06/2017	Quarterly	0	0	-	-
Local Environmental Plan - Height of Building	NSW Planning and Environment	30/06/2017	23/06/2017	Quarterly	0	1	-	-
Local Environmental Plan - Floor Space Ratio	NSW Planning and Environment	30/06/2017	23/06/2017	Quarterly	0	1	-	-
Local Environmental Plan - Land Application	NSW Planning and Environment	30/06/2017	13/04/2017	Quarterly	0	1	-	-
Local Environmental Plan - Land Reservation Acquisition	NSW Planning and Environment	30/06/2017	23/06/2017	Quarterly	0	0	-	-
State Heritage Items	NSW Office of Environment and Heritage	20/04/2017	30/09/2016	Quarterly	1000	0	0	1
Local Heritage Items	NSW Planning and Environment	30/06/2017	16/06/2017	Monthly	1000	0	2	72
Bush Fire Prone Land	NSW Rural Fire Service	28/03/2017	17/02/2017	Quarterly	1000	0	0	0
Native Vegetation of the Sydney Metropolitan Area	NSW Office of Environment and Heritage	01/03/2017	16/12/2016	As required	1000	0	1	8
RAMSAR Wetlands	Commonwealth of Australia Department of the Environment	08/10/2014	24/06/2011	As required	1000	0	0	0
ATLAS of NSW Wildlife	NSW Office of Environment and Heritage	11/07/2017	11/07/2017	Daily	10000	-	-	-

Aerial Imagery 2015

131 Princes Highway, Kogarah, NSW 2217

Scale:
0 25 50 100
Meters

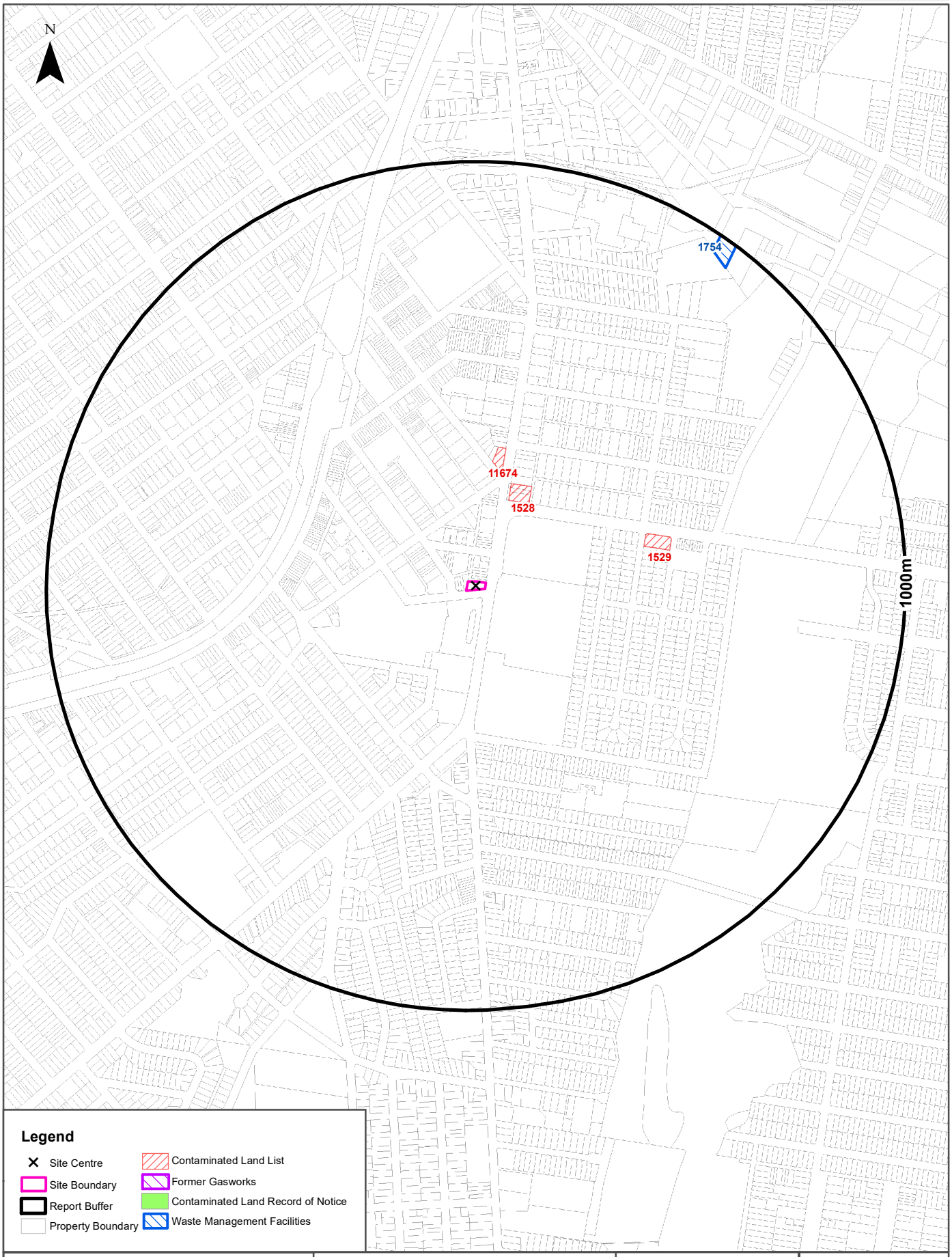
Data Sources: Aerial Imagery © 2017 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.

Coordinate System:
GDA 1994 MGA Zone 56

Date: 06 July 2017

Contaminated Land & Waste Management Facilities

131 Princes Highway, Kogarah, NSW 2217



Contaminated Land & Waste Management Facilities

131 Princes Highway, Kogarah, NSW 2217

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 (m)	Direction
1528	7-Eleven Service Station	736 Princes Highway	Kogarah	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	205m	North East
11674	Woolworths Petrol Service Station	69 Princes HIGHWAY	KOGARAH	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	271m	North
1529	Caltex Service Station	29 President Avenue	Kogarah	Service Station	Under assessment	Current EPA List	Premise Match	385m	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.
Contamination formerly regulated under the CLM Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). The contamination was addressed under the CLM Act.
Contamination formerly regulated under the POEO Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed under the Protection of the Environment Operations Act 1997 (POEO Act).
Contamination was addressed via the planning process (EP&A Act)	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed by the appropriate consent authority via the planning process under the Environmental Planning and Assessment Act 1979 (EP&A Act).
Ongoing maintenance required to manage residual contamination (CLM Act)	The EPA has determined that ongoing maintenance, under the Contaminated Land Management Act 1997 (CLM Act), is required to manage the residual contamination. Regulatory notices under the CLM Act are available on the EPA's Contaminated Land Public Record of Notices.
Regulation being finalised	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997. A regulatory approach is being finalised.
Regulation under the CLM Act not required	The EPA has completed an assessment of the contamination and decided that regulation under the Contaminated Land Management Act 1997 is not required.
Under assessment	The contamination is being assessed by the EPA to determine whether regulation is required. The EPA may require further information to complete the assessment. For example, the completion of management actions regulated under the planning process or Protection of the Environment Operations Act 1997. Alternatively, the EPA may require information via a notice issued under s77 of the Contaminated Land Management Act 1997 or issue a Preliminary Investigation Order.

NSW EPA Contaminated Land List Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Contaminated Land & Waste Management Facilities

131 Princes Highway, Kogarah, NSW 2217

Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

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

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

Former Gasworks

Former Gasworks within the dataset buffer:

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

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

National Waste Management Site Database

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

Site Id	Owner	Name	Address	Suburb	Landfill	Reprocess	Transfer	Location Confidence	Distance	Direction
1754	Rockdale City Council	Rockdale Waste & Recycling Centre	Lindsay Street	Rockdale	Not Applicable	Operating	Operating	Premise Match	943m	North East

Wate Management Facilities Data Source: Australian Governement Geoscience Australia
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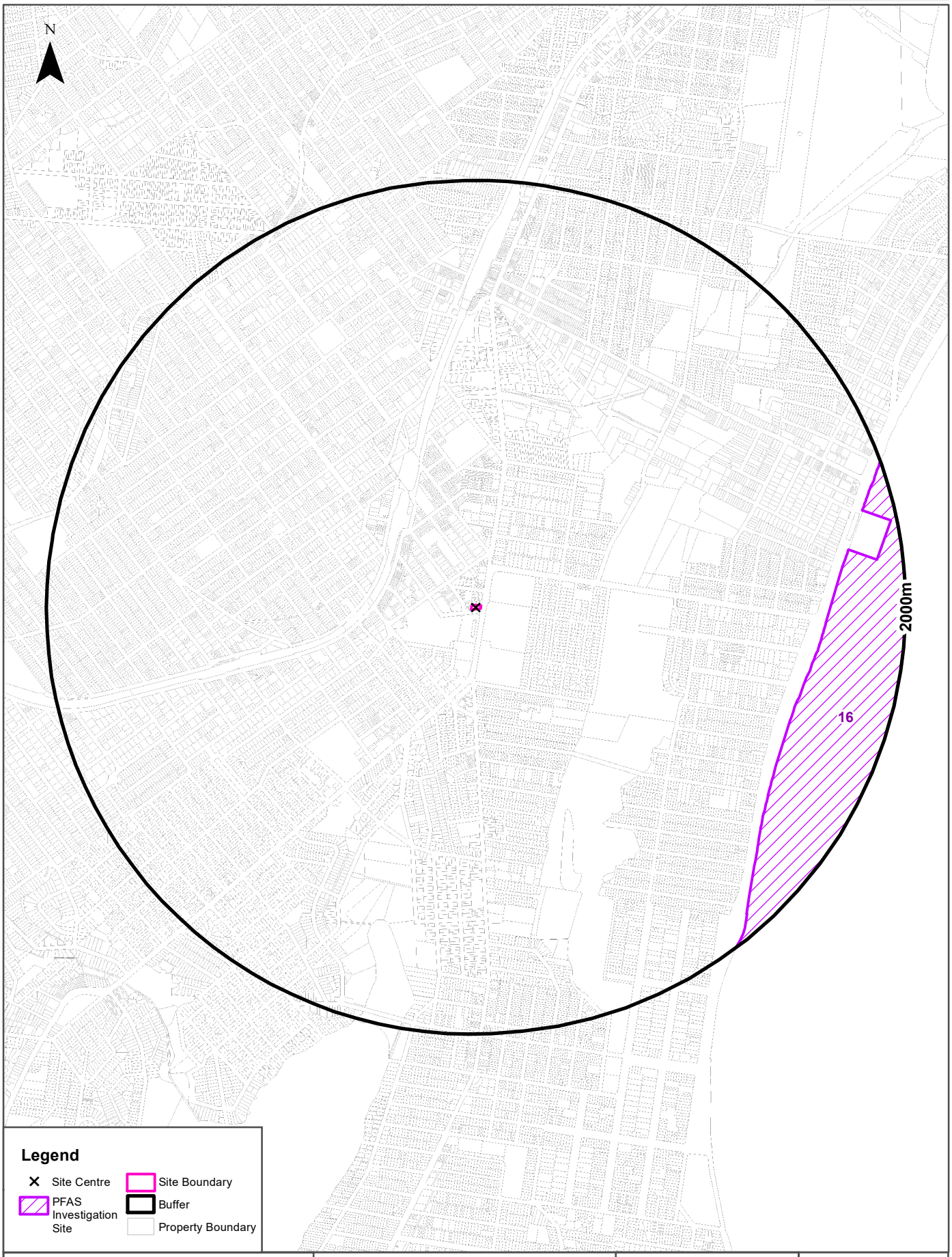
EPA PFAS Investigation Program

131 Princes Highway, Kogarah, NSW 2217



Data Sources: Property Boundaries & Topographic Data: © Land and Property Information (a division of the Department of Finance and Services) 2017

Coordinate System: GDA 1994 MGA Zone 56

Date: 10July 2017

EPA PFAS Investigation Program

131 Princes Highway, Kogarah, NSW 2217

EPA PFAS Investigation Program

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

Id	Site	Address	Location Confidence	Distance	Direction
16	Botany Bay area		General Area/ Suburb Match	1550m	South East

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

EPA Other Sites with Contamination Issues

131 Princes Highway, Kogarah, NSW 2217

EPA Other SIte s 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

Sites within the dataset buffer:

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

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

Current EPA Licensed Activities

131 Princes Highway, Kogarah, NSW 2217

Data Sources: Property Boundaries & Topographic Data: © Land and Property Information (a division of the Department of Finance and Services) 2017

Coordinate System: GDA 1994 MGA Zone 56

Date: 10July 2017

EPA Activities

131 Princes Highway, Kogarah, NSW 2217

Licensed Activities under the POEO Act 1997

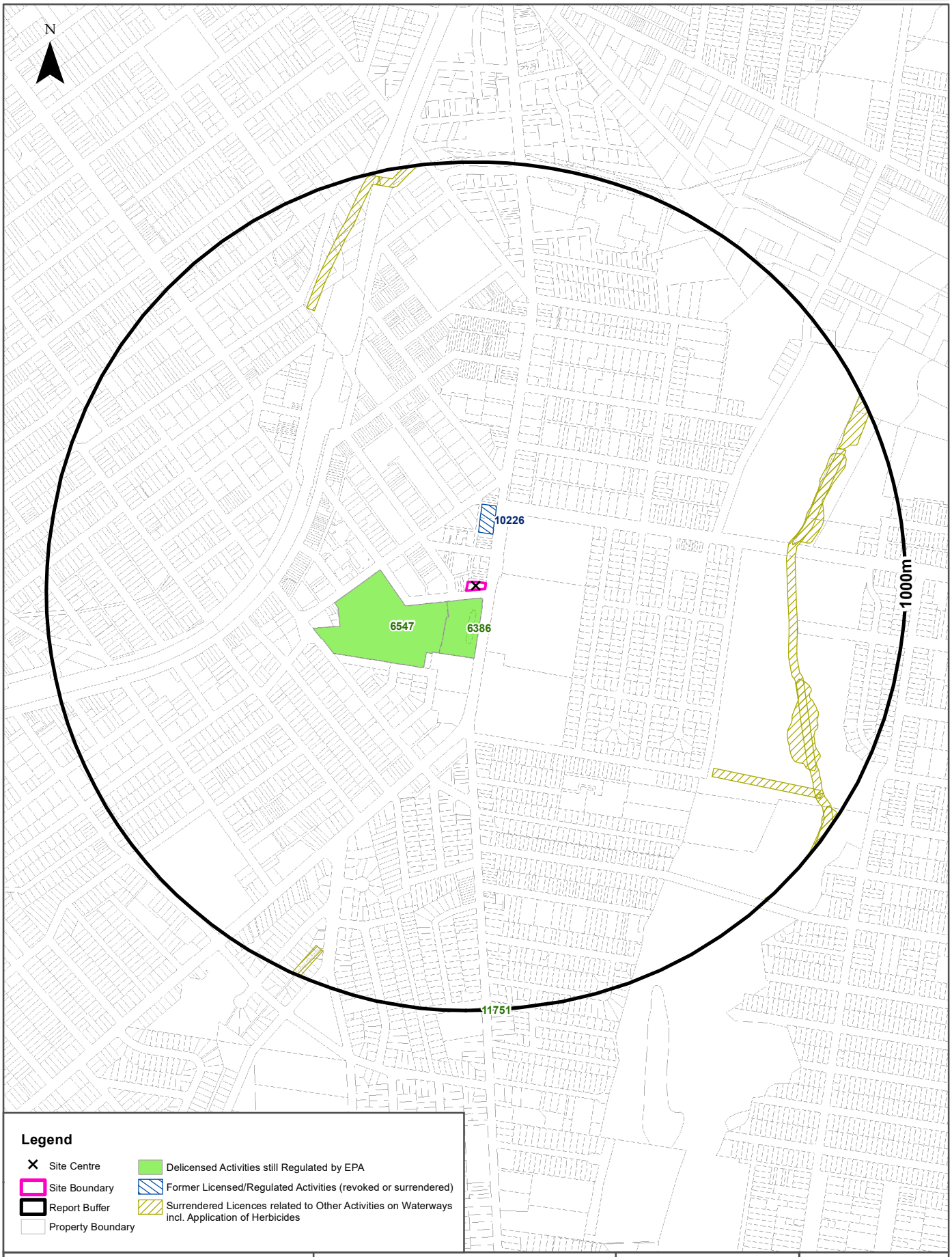
Licensed activities under the Protection of the Environment Operations Act 1997, within the dataset buffer:

EPL	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
12208	SYDNEY TRAINS		PO BOX K349, HAYMARKET, NSW 1238		Railway systems activities	3	415m	North West
4557	SUEZ RECYCLING & RECOVERY PTY LTD	ROCKDALE WASTE & RECYCLING CENTRE	LINDSAY STREET	ROCKDALE	Non-thermal treatment of general waste	1	943m	North East
4557	SUEZ RECYCLING & RECOVERY PTY LTD	ROCKDALE WASTE & RECYCLING CENTRE	LINDSAY STREET	ROCKDALE	Recovery of general waste	1	943m	North East
4557	SUEZ RECYCLING & RECOVERY PTY LTD	ROCKDALE WASTE & RECYCLING CENTRE	LINDSAY STREET	ROCKDALE	Waste storage - hazardous, restricted solid, liquid, clinical and related waste and asbestos waste	1	943m	North East
4557	SUEZ RECYCLING & RECOVERY PTY LTD	ROCKDALE WASTE & RECYCLING CENTRE	LINDSAY STREET	ROCKDALE	Waste storage - other types of waste	1	943m	North East
4557	SUEZ RECYCLING & RECOVERY PTY LTD	ROCKDALE WASTE & RECYCLING CENTRE	LINDSAY STREET	ROCKDALE	Waste storage - waste tyres	1	943m	North East

POEO Licence Data Source: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority

Delicensed & Former Licensed EPA Activities

131 Princes Highway, Kogarah, NSW 2217



EPA Activities

131 Princes Highway, Kogarah, NSW 2217

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
6386	HCOA OPERATIONS (AUSTRALIA) PTY LIMITED	ST GEORGE PRIVATE HOSPITAL	1 SOUTH STREET	KOGARAH	Hazardous, Industrial or Group A Waste Generation or Storage	1	20m	South
6547	SOUTH EASTERN SYDNEY AND ILLAWARRA AREA HEALTH SERVICE	ST GEORGE HOSPITAL	GRAY STREET	KOGARAH	Hazardous, Industrial or Group A Waste Generation or Storage	1	54m	South West
11751	CALVARY HEALTH CARE SYDNEY LIMITED	CALVARY HEALTH CARE SYDNEY	91 ROCKY POINT ROAD	KOGARAH	Hazardous, Industrial or Group A Waste Generation or Storage	1	994m	South

Delicensed Activities Data Source: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority

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

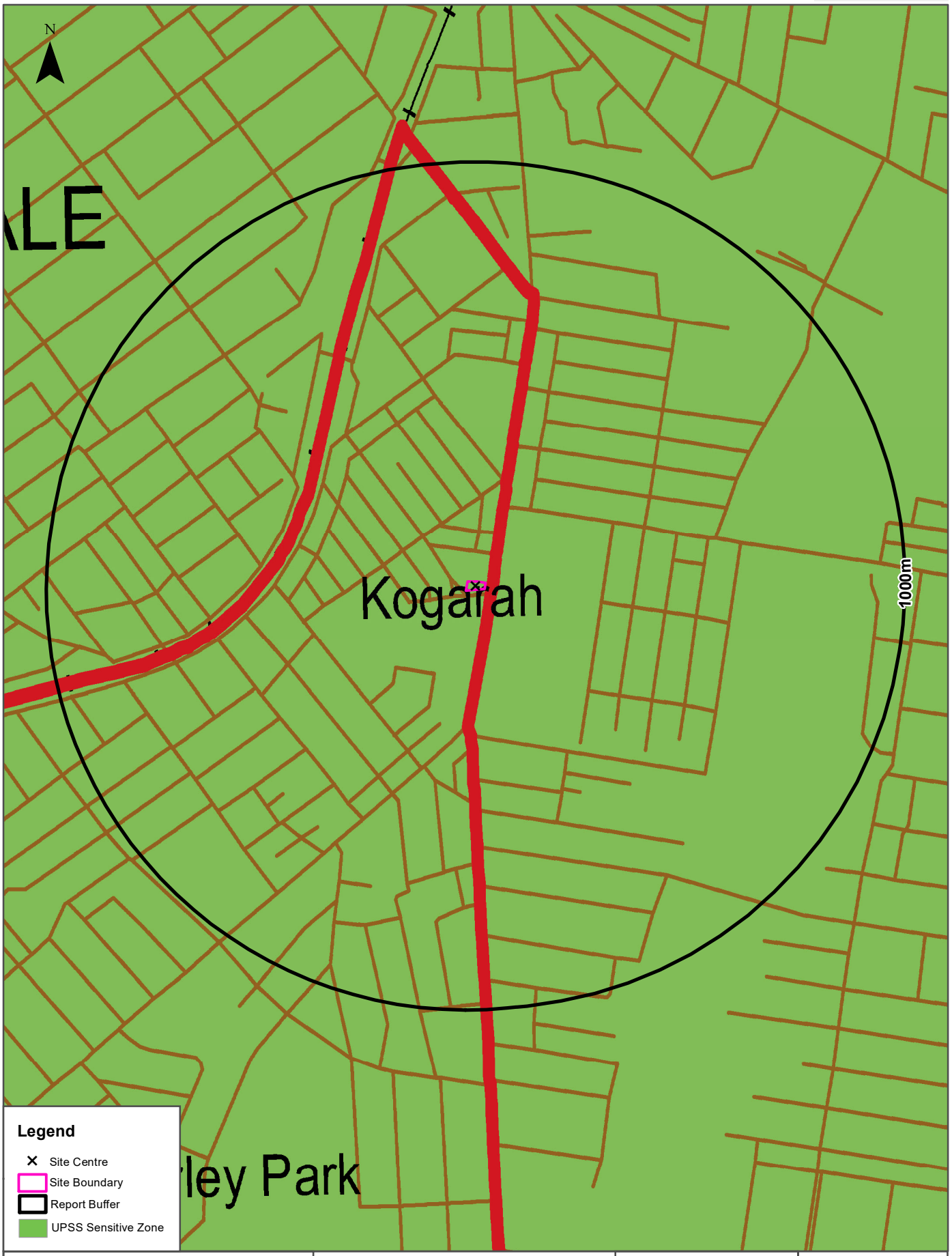
Former Licensed activities under the Protection of the Environment Operations Act 1997, now revoked or surrendered, within the dataset buffer:

Licence No	Organisation	Location	Status	Issued Date	Activity	Loc Conf	Distance	Direction
10226	PATHOLOGY SERVICES PTY LIMITED	79 Princes Highway, KOGARAH, NSW 2217	Surrendered	23/12/1999	Hazardous, Industrial or Group A Waste Generation or Storage	1	117m	North
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	7	692m	-
4838	Robert Orchard	Various Waterways throughout New South Wales - SYDNEY NSW 2000	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	7	692m	-
6630	SYDNEY WEED & PEST MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW - PROSPECT, NSW, 2148	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	7	692m	-

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

UPSS Sensitive Zones

131 Princes Highway, Kogarah, NSW 2217



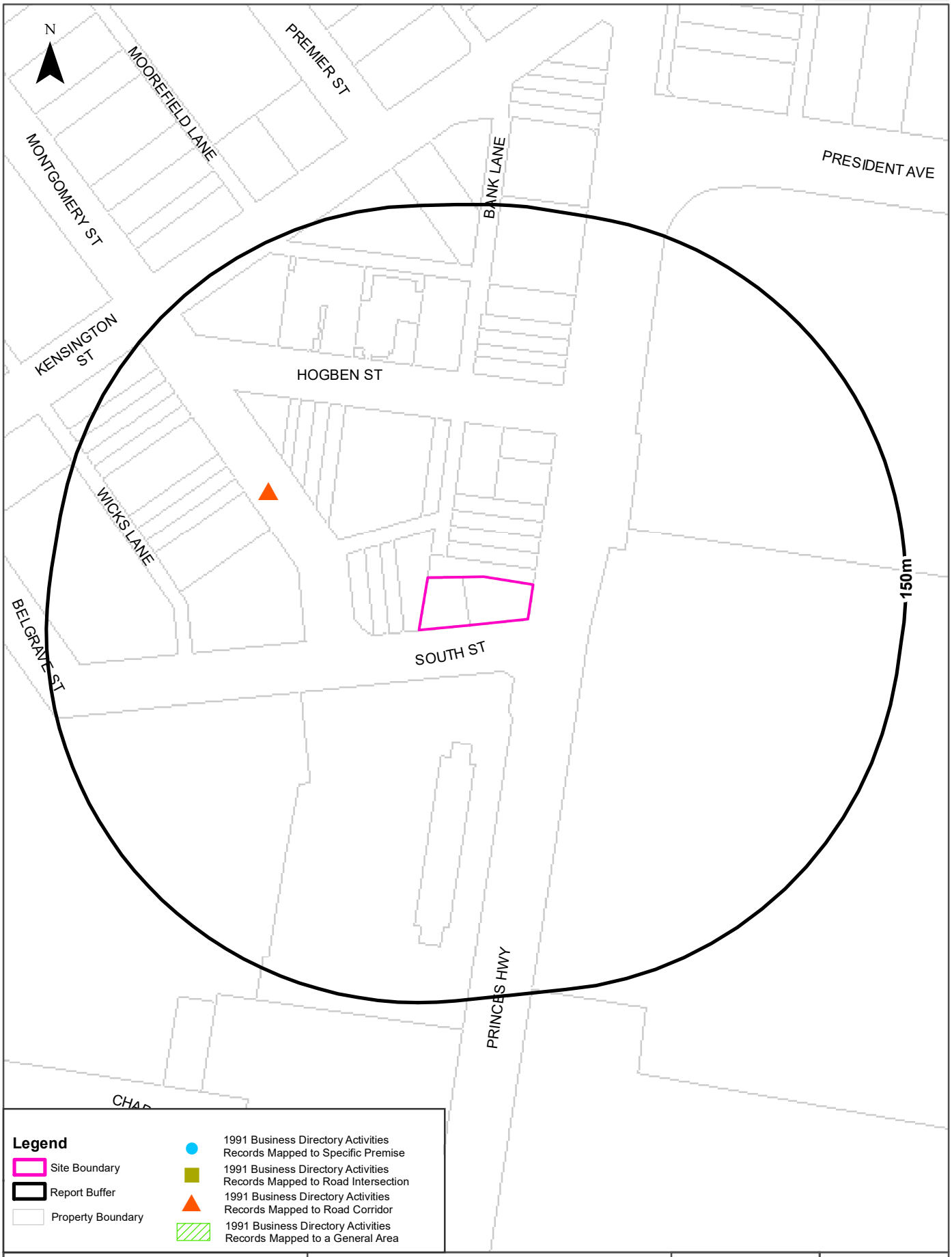
UPSS Data Source: Environment Protection Authority
© Dept of Environment, Climate Change & Water (NSW)

Coordinate System:
GDA 1994 MGA Zone 56

Date: 10July 2017

1991 Historical Business Directory Records

131 Princes Highway, Kogarah, NSW 2217



Data Sources: Universal Business Directories (UBD) - Derived Data Licensed from Hardie Grant.
Property Boundaries & Topographic Data: © Land and Property Information (a division of the Department of Finance and Services) 2017

Coordinate System: GDA 1994 MGA Zone 56

Date: 10 July 2017

Historical Business Directories

131 Princes Highway, Kogarah, NSW 2217

1991 Business to Business Directory Records
Premise or Road Intersection Matches

Records from the 1991 UBD Business to Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Organisation	Address	Ref No.	Location Confidence	Distance to Feature Point	Direction
N/A	No records in buffer					

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

1991 Business to Business Directory Records
Road or Area Matches

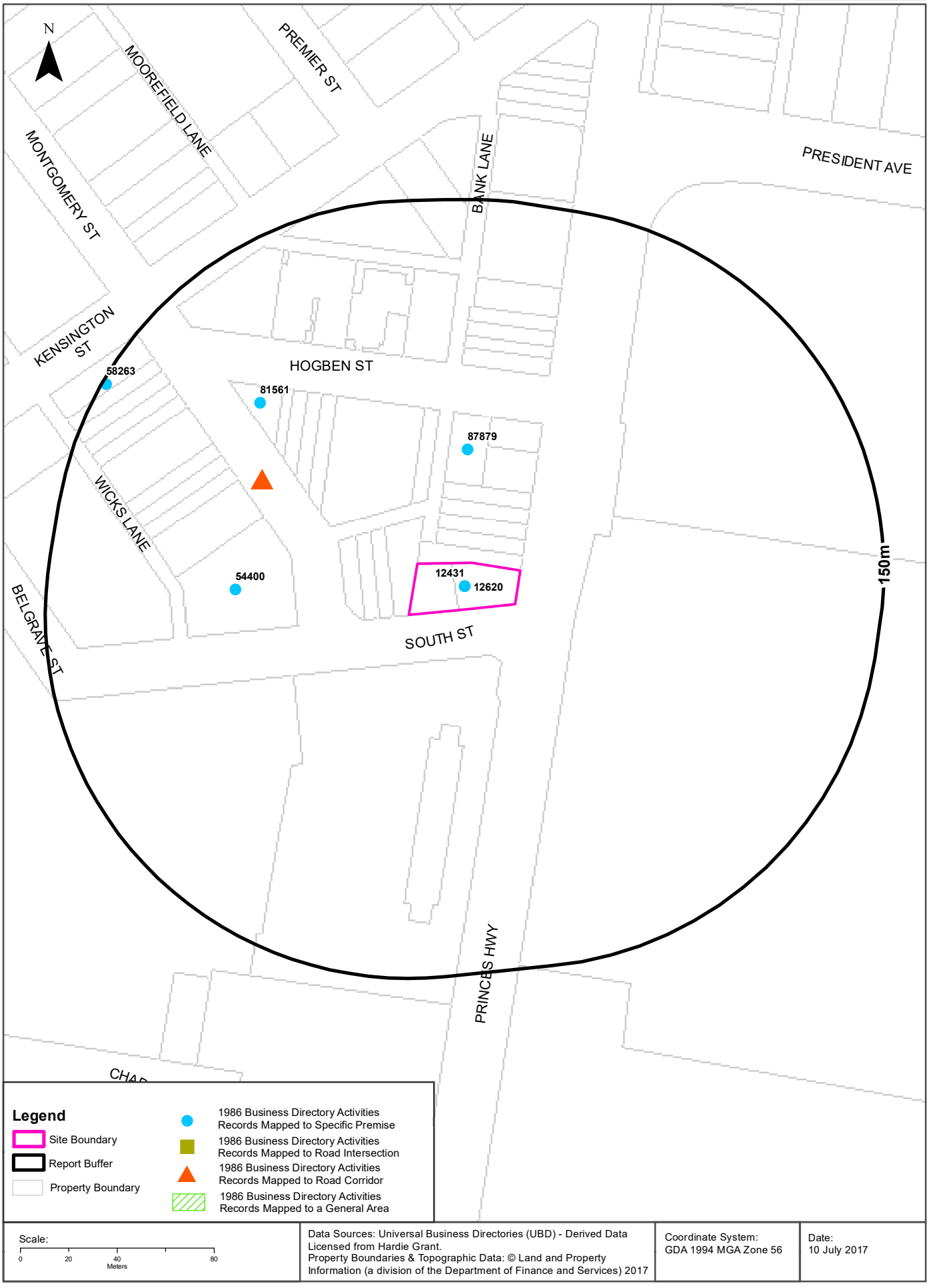
Records from the 1991 UBD Business to Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Organisation	Address	Ref No.	Location Confidence	Distance to Road Corridor or Area
Electric Power Supply	Sydney County Council	Montgomery St, Kogarah 2217	42244	Road Match	27m

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

1986 Historical Business Directory Records

131 Princes Highway, Kogarah, NSW 2217



Data Sources: Universal Business Directories (UBD) - Derived Data Licensed from Hardie Grant.
Property Boundaries & Topographic Data: © Land and Property Information (a division of the Department of Finance and Services) 2017

Coordinate System: GDA 1994 MGA Zone 56

Date: 10 July 2017

Historical Business Directories

131 Princes Highway, Kogarah, NSW 2217

1986 Business to Business Directory Records Premise or Road Intersection Matches

Records from the 1986 UBD Business to Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
CARPET &/OR FLOOR COVERING MFRS. &/OR IMPS. &/OR DISTS.	Wholesale Carpets, 131 Princes H'way., Kogarah.	12431	Premise Match	0m	Onsite
CARPET &/OR FLOOR COVERING RETAILERS &/OR SPECIALISTS.	Wholesale Carpets, 131 Princes H'way., Kogarah.	12620	Premise Match	0m	Onsite
SQUASH COURTS.	Moorefield Squash Courts, 2 Hogben St., Kogarah.	87879	Premise Match	47m	North
MEDICAL PRACTITIONERS.	Cumming, W. J., 8 South St., Kogarah.	54400	Premise Match	72m	West
RESTAURANTS.	Escoffiers, 24 Hogben St., Kogarah,	81561	Premise Match	93m	North West
MEDICAL PRACTITIONERS.	Williamsz, T., 43 Montgomery St., Kogarah.	58263	Premise Match	148m	North West

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1986 Business to Business Directory Records Road or Area Matches

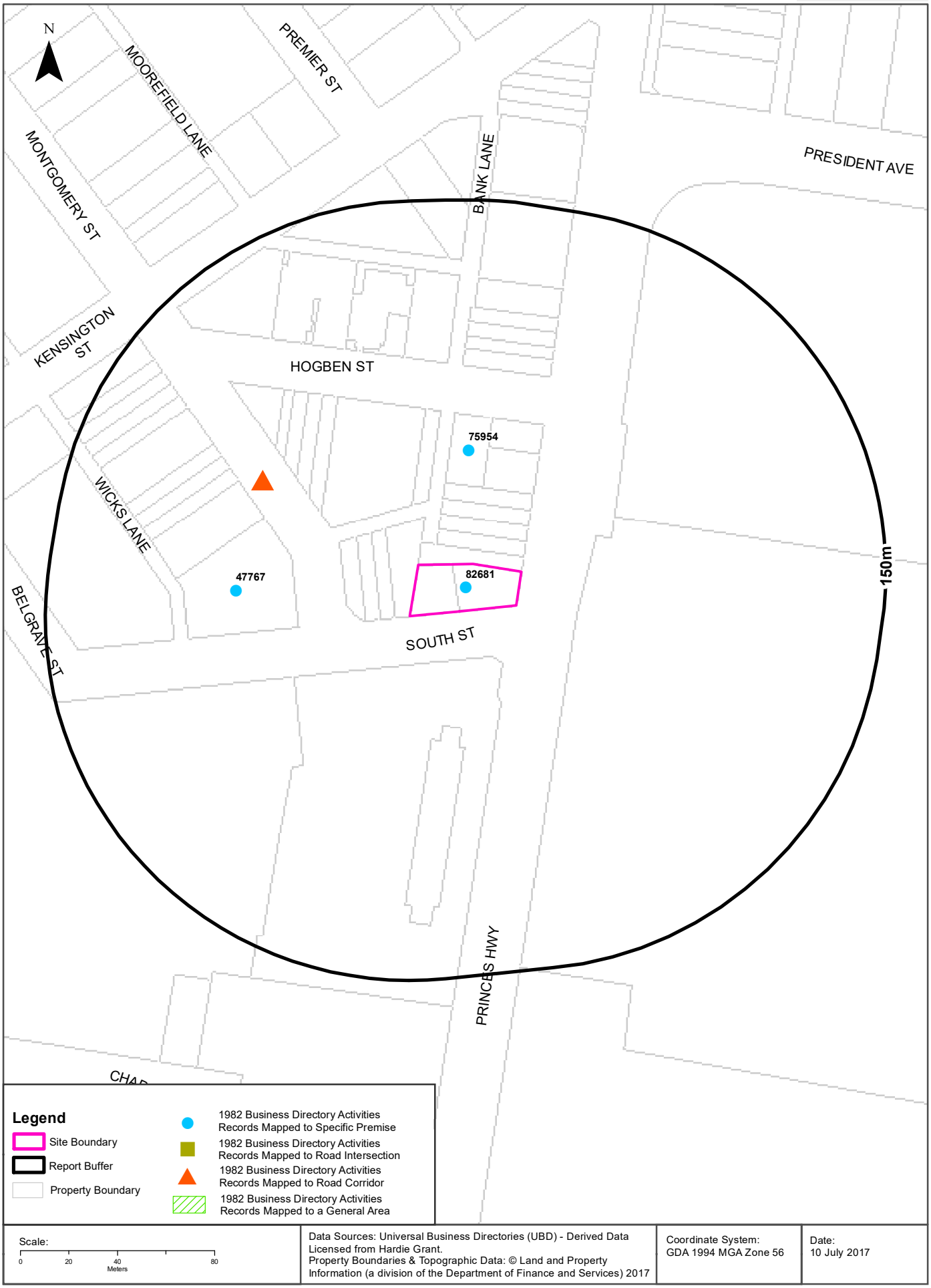
Records from the 1986 UBD Business to Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
ELECTRIC POWER SUPPLIES.	Sydney County Council, Montgomery St., Kogarah.	26697	Road Match	27m

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

1982 Historical Business Directory Records

131 Princes Highway, Kogarah, NSW 2217



Data Sources: Universal Business Directories (UBD) - Derived Data Licensed from Hardie Grant.
Property Boundaries & Topographic Data: © Land and Property Information (a division of the Department of Finance and Services) 2017

Coordinate System:
GDA 1994 MGA Zone 56

Date:
10 July 2017

Historical Business Directories

131 Princes Highway, Kogarah, NSW 2217

1982 Business Directory Records
Premise or Road Intersection Matches

Records from the 1982 UBD Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
TYRE DEALERS &/ORRETREADERS &/OR VULCANISERS. (T8830)	Kogarah Tyre Service, 131 Princes H'Way., Kogarah. 2217.	82681	Premise Match	0m	Onsite
SQUASH COURTS. (S5160)	Moorefield Squash Courts, 2 Hogben St., Kogarah. 2217.	75954	Premise Match	47m	North
MEDICAL PRACTITIONERS. (M2020)	Cumming, W. J., 8 South St., Kogarah. 2217.	47767	Premise Match	72m	West

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1982 Business Directory Records
Road or Area Matches

Records from the 1982 UBD Business Directory, 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:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
ELECTRIC POWER SUPPLIES.(E2550)	St. George County Council, Montgomery St., Kogarah. 2217,	25132	Road Match	27m
ELECTRICAL CONTRACTORS -LICENSED. (E3360)	St. George County Council, Montgomery St., Kogarah. 2217.	25550	Road Match	27m

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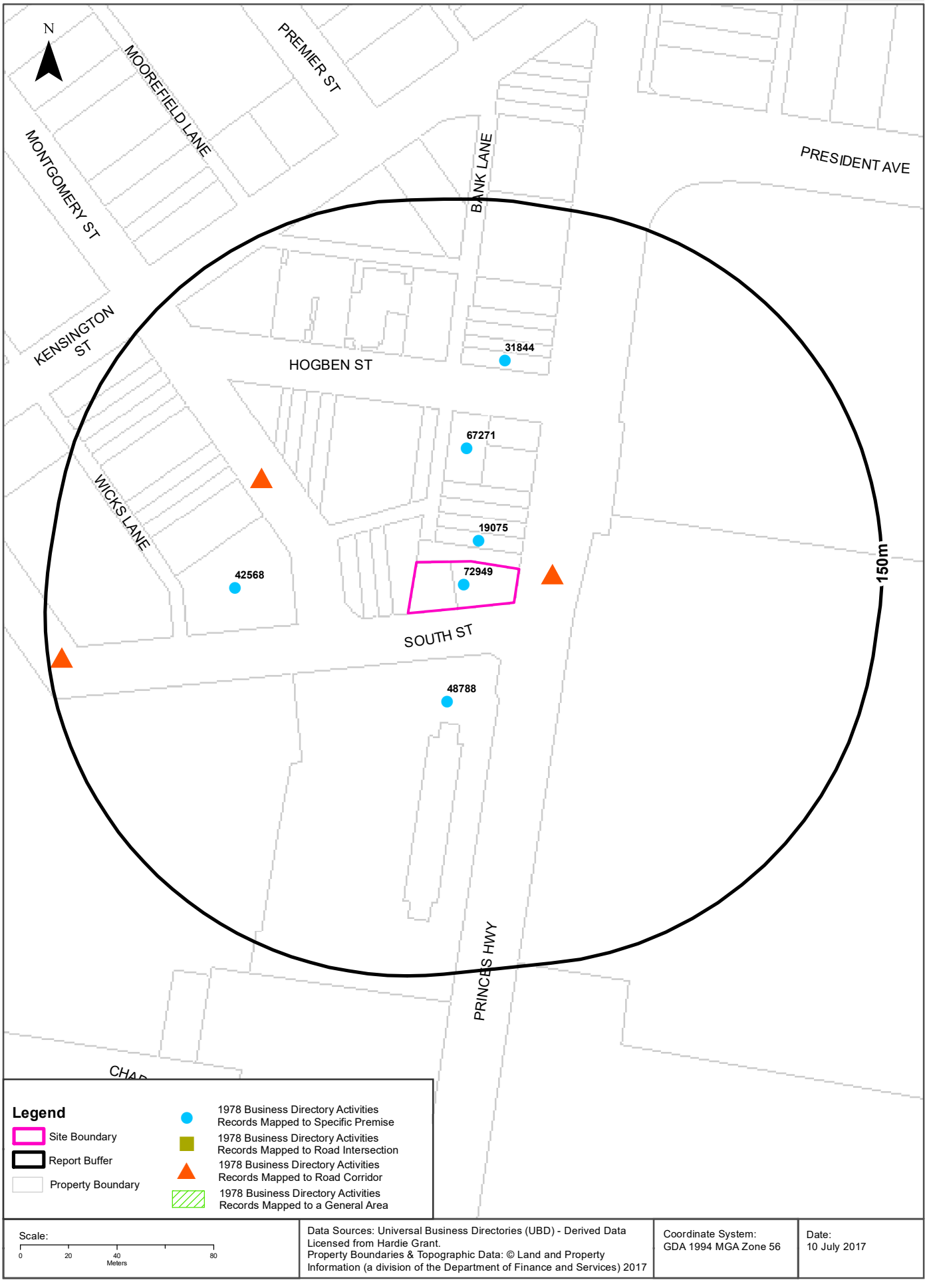
1978 Historical Business Directory Records

131 Princes Highway, Kogarah, NSW 2217



Historical Business Directories

131 Princes Highway, Kogarah, NSW 2217

1978 Business Directory Records
Premise or Road Intersection Matches

Records from the 1978 UBD Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
TYRE DEALERS, RETREADERS ' &/OR VULCANIZERS.	Kogarah Tyre Service, 131 Princes H'Way., Kogarah.	72949	Premise Match	0m	Onsite
DISCOUNT HOUSES.	Norman Ross Discounts, 127 Princes H'Way., Amcliffe.	19075	Premise Match	9m	North
MOTOR CYCLE SALES &/OR SERVICE.	Adams Motor Cycles, 133 Princes H'Way., Kogarah.	48788	Premise Match	38m	South
SQUASH COURTS.	Moorefield Squash Courts, 2 Hogben St., Kogarah.	67271	Premise Match	47m	North
MEDICAL PRACTITIONERS.	Cumming. W. J., 8 South St., Kogarah.	42568	Premise Match	72m	West
FURNITURE-HOUSEHOLD RETAIL	Whittingham, R. W. Pty. Ltd., 111 Princes H'way, Kogarah	31844	Premise Match	84m	North

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1978 Business Directory Records
Road or Area Matches

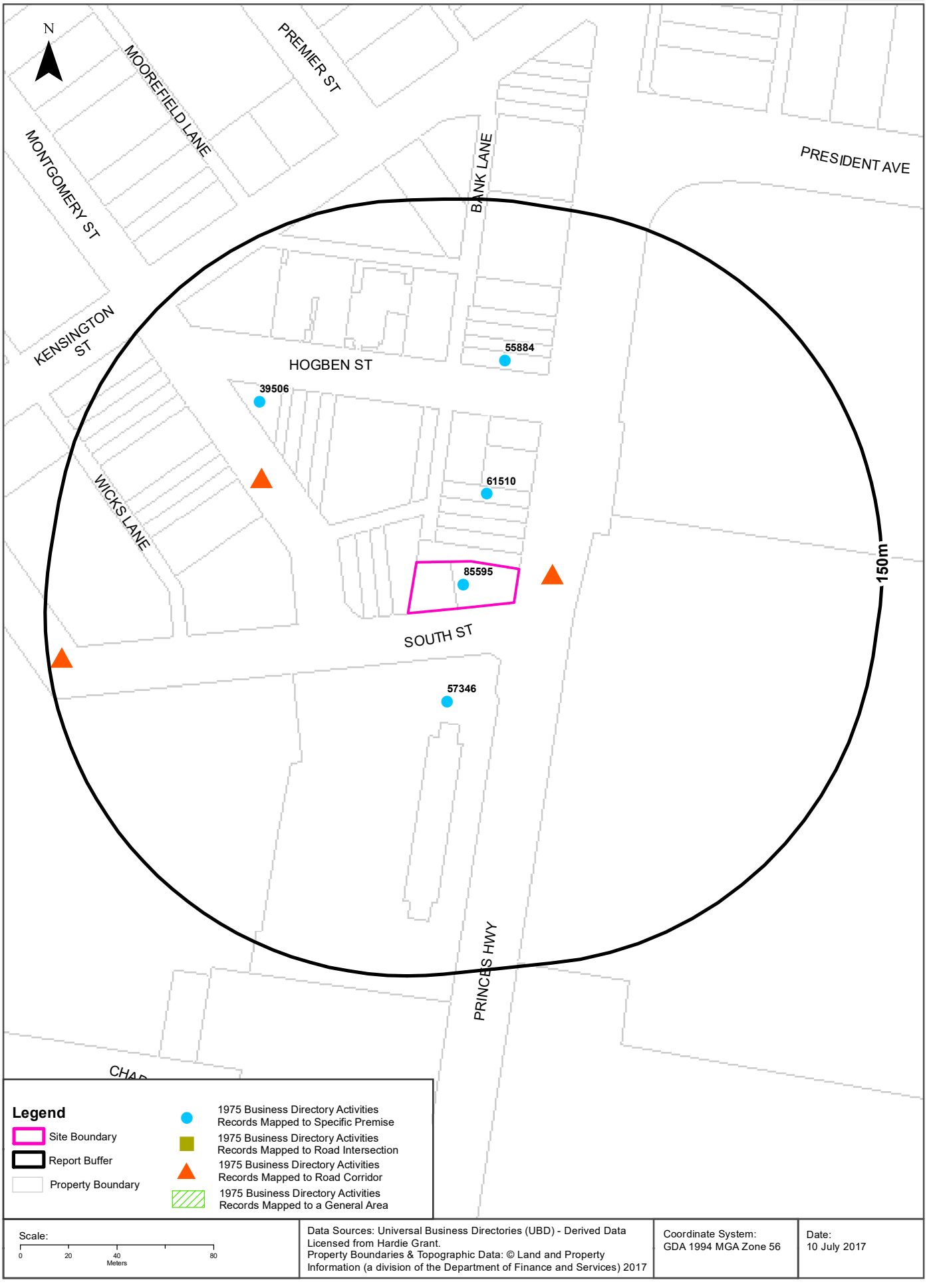
Records from the 1978 UBD Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
GROCERS-RETAIL:	Woolworths Ltd., Princes H'Way, Kogarah.	34288	Road Match	0m
ELECTRIC POWER SUPPLIES.	St. George County Council, Montgomery St., Kogarah.	22105	Road Match	27m
ELECTRICAL CONTRACTORS- LICENSED. ,	St. George County Council, Montgomery St., Kogarah.	22501	Road Match	27m
LIBRARIES-PUBLIC.	Kogarah, Ken Cavanough Library, Belgrave St., Kogarah.	40246	Road Match	137m

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

1975 Historical Business Directory Records

131 Princes Highway, Kogarah, NSW 2217



Historical Business Directories

131 Princes Highway, Kogarah, NSW 2217

1975 Business Directory Records
Premise or Road Intersection Matches

Records from the 1975 UBD Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
TYRE DEALERS, RETREADERS &/OR VULCANIZERS,	Kogarah Tyre Service, 131 Princes H'way. Kogarah.	85595	Premise Match	0m	Onsite
MOTOR SERVICE STATIONS - PETROL, OIL	BPKogarah, 119 Princes H'way, Kogarah.	61510	Premise Match	29m	North
MOTOR CAR &/OR TRUCK DEALERS- NEW &/OR USED.	Panorama Motors, 133 Princes Hâway. Kogarah.	57346	Premise Match	38m	South
MONUMENTAL MASONS	Yin, L., 111 Princes Hâway, Kogarah.	55884	Premise Match	84m	North
GROCERS-RETAIL	Hatham, J., 24 Hogden St., Kogarah.	39506	Premise Match	93m	North West

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

1975 Business Directory Records
Road or Area Matches

Records from the 1975 UBD Business Directory, 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:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
MOTOR SERVICE STATIONS - PETROL, OIL	Kogarah Auto Centre, Princes H'way, Kogarah.	61840	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS.	Turner Bros. Princes H'way, Kogarah	59706	Road Match	0m
ELECTRIC POWER SUPPLIES.	St. George County Council, Montgomery St., Kogarah.	25554	Road Match	27m
ELECTRICAL CONTRACTORS-LICENSED FIRMS.	St. George County Council, Montgomery St., Kogarah.	26053	Road Match	27m
LOCAL BODIES.	St. George County Council. Montgomery St., Kogarah.	47829	Road Match	27m
TRADE UNIONS.	Hospital Officers Assoc, of N.S.W. (The), Belgrave St., Kogarah.	84703	Road Match	137m
ASSOCIATIONS-EMPLOYERS INDUSTRIAL &/OR PROFESSIONAL	Hospital Officers Assoc, of N.S.W., Belgrave St., Kogarah.	3216	Road Match	137m
LIBRARIES-PUBLIC.	Kogarah. Ken Cavanough Library, Belgrave St., Kogarah.	47503	Road Match	137m

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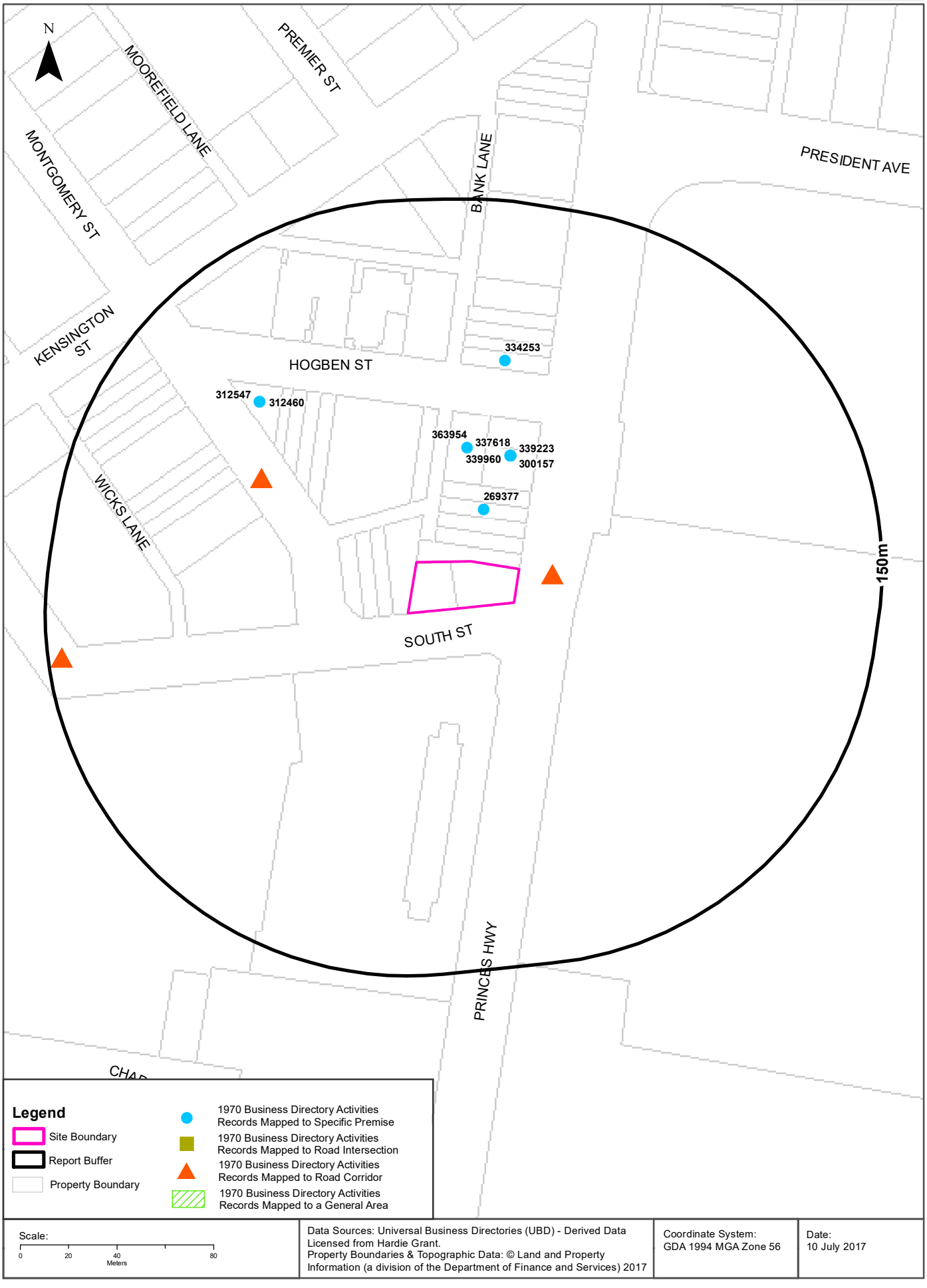
1970 Historical Business Directory Records

131 Princes Highway, Kogarah, NSW 2217



Historical Business Directories

131 Princes Highway, Kogarah, NSW 2217

1970 Business Directory Records
Premise or Road Intersection Matches

Records from the 1970 UBD Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
BOTTLE MERCHANTS & EXCHANGES (B610)	Kogarah Bottle Exchange, 121 Princes Highway., Kogarah	269377	Premise Match	22m	North
MOTOR PAINTERS (M672)	Corinthian Service Station,113-119 Prince's Highway.,Kog	339223	Premise Match	46m	North
MOTOR PANEL BEATERS (M680)	Corinthian Service Station,113-119 Princes Highway.,Kogarah	339960	Premise Match	46m	North
MOTOR STEERING SPECIALISTS (M736)	Corinthian Service Station,113-119 Princes Highway.,Kogarah	342288	Premise Match	46m	North
ENGINEERS-MARINE (E675)	Corinthian Service Station,113-119 Princes Highway.,Kogarah	300157	Premise Match	46m	North
MOTOR BRAKE SERVICES (M512)	Corinthian Service Station,113-119 Princes Highway.,Kogarah	335510	Premise Match	46m	North
MOTOR GARAGES & ENGINEERS(M6S6)	Corinthian Service Station,113-119 Princes Highway.KOGARAH	337618	Premise Match	46m	North
SQUASH COURTS (S475)	Moorefield Squash Courts, 2 Hogben St.,Kogarah	363954	Premise Match	47m	North
MIXED BUSINESSES (M408)	Yin,L., 111 Princes Highway.,Kogarah	334253	Premise Match	84m	North
GROCERS-RETAIL (G655)	Garner,C. W., 24 Hogben St.,Kogarah	312460	Premise Match	93m	North West
GROCERS-RETAIL (G655)	Hasham,J., 24 Hogden St.,Kogarah	312547	Premise Match	93m	North West

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

1970 Business Directory Records
Road or Area Matches

Records from the 1970 UBD Business Directory, 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:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
MOTOR GARAGES & ENGINEERS(M6S6)	St. George Auto Port,Princes Highway.KOGARAH	338652	Road Match	0m
ELECTRIC POWER SUPPLIES (E230)	St. George County Council, Montgomery St., Kogarah	294335	Road Match	27m
LOCAL BODIES (L630)	St. George County Council, Montgomery St., Kogarah	323782	Road Match	27m

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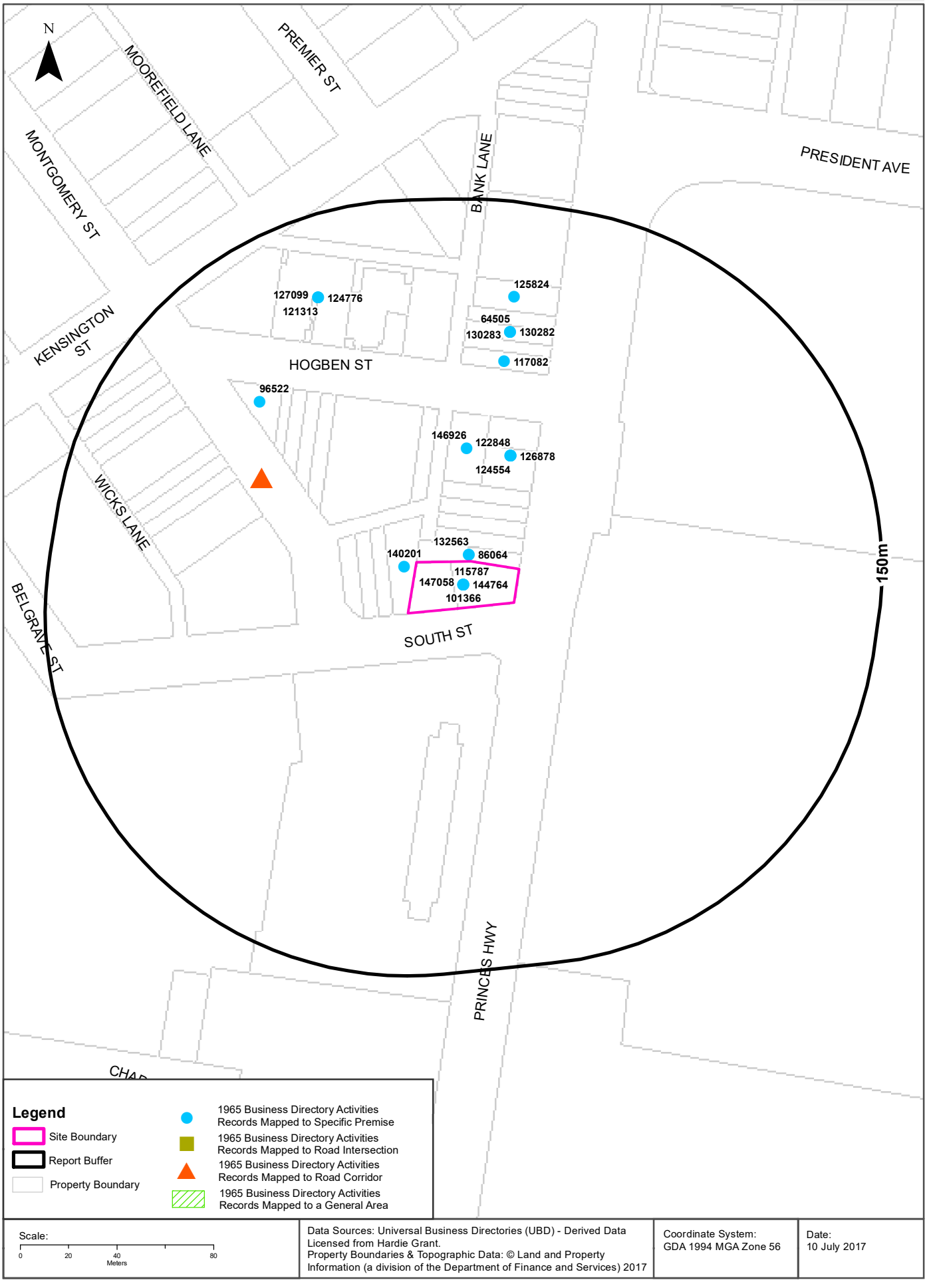
1965 Historical Business Directory Records

131 Princes Highway, Kogarah, NSW 2217



Historical Business Directories

131 Princes Highway, Kogarah, NSW 2217

1965 Business Directory Records
Premise or Road Intersection Matches

Records from the 1965 UBD Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
SHOWCASE/GLASS COUNTER MFRS.	Stuart, G. H. Pty, Ltd., 131 Princes Hghwy., Kogarah	144764	Premise Match	0m	Onsite
STAINLESS STEEL FABRICATORS	Stuart, G. H. Pty. Ltd. , 131 Princes Hghwy., Kogarah	147058	Premise Match	0m	Onsite
SHOP/OFFICE FITTERS	Stuart, G. H. Pty. Ltd., 131 Princes Hghwy., Kogarah	144673	Premise Match	0m	Onsite
Hotel Equipment/Supplies	Stuart, G. H. Pty. Ltd., 131 Princes Hghwy., Kogarah	101366	Premise Match	0m	Onsite
Milk Bar & Café Equipment Mfrs. &/or Dists.	Stuart, G. H. Pty. Ltd., 131 Princes Hghwy., Kogarah	115787	Premise Match	0m	Onsite
Ice Cream Cabinet Manufacturers	Stuart. G. H. Pty. Ltd., 131 Princes Hghwy., Kogarah	102206	Premise Match	0m	Onsite
Film Laboratories/Processors	Pacific Film Laboratories Pty. Ltd., 129 Princes Hghwy., Kogarah	86064	Premise Match	3m	North
Photographic Developin, Printing/Colouring Services	Pacific Film Laboratories, 129 Princes Hghwy., Kogarah	132563	Premise Match	3m	North
Refrigerator MFRS. - Commercial	Stuart G. H. Pty. Ltd., 2 South St., Kogarah	140201	Premise Match	5m	West
Engineers - Marine	Corinthian Service Station, , 113-119 Princes Hghwy., Kogarah	83389	Premise Match	46m	North
Motor Garages & Engineers - Kogarah	Corinthian Service Station, 113-119 Princes Hghwy.	122848	Premise Match	46m	North
Motor Panel Beaters	Corinthian Service Station, 113-119 Princes Hghwy., Kogarah	124554	Premise Match	46m	North
Motor Brake Services	Corinthian Service Station, 113-119 Princes Hghwy., Kogarah	120330	Premise Match	46m	North
Motor Steering Specialists	Corinthian Service Station, 113-119 Princes Hghwy., Kogarah	126878	Premise Match	46m	North
SQUASH COURTS	Moorefield Squash Courts , 2 Hogben St., Kogarah	146926	Premise Match	47m	North
Mixed Businesses	Defina, J., 111 Princes Hghwy., Kogarah	117082	Premise Match	84m	North
Grocers - Retail	Garner, C. W. , 24 Hagben St., Kogarah	96522	Premise Match	93m	North West
Packaging/Packing Specialist	Ferguson Sachet Packs Pty. Ltd., 105-109 Princes Hghwy. Kogarah	130282	Premise Match	96m	North
Packaging/Packing Specialist	Ferguson Unit Wraps Pty. Ltd., 105-109 Princes Hghwy., Kogarah	130283	Premise Match	96m	North
Chemists - Manufacturing &/or Wholesale	Ferguson Unit Wraps Pty. Ltd., 105-109 Princes Hghwy., Kogarah	64505	Premise Match	96m	North
Motor Service Stations - Petrol, Oil, Etc. - Kogarah	Valhalla Service Station, 101 Princes Hghwy.	125824	Premise Match	111m	North
Motor Towing Services	Kogarah Auto Smash Repairs, 15 Hogben St., Kogarah	127099	Premise Match	117m	North West
Motor Chassis Straightening Equipment Mfrs.	Kogarah Auto Smash Repairs, 15 Hogben St., Kogarah	121313	Premise Match	117m	North West
Motor Panel Beaters	Kogarah Auto Smash Repairs, 15 Hogben St., Kogarah	124776	Premise Match	117m	North West

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1965 Business Directory Records
Road or Area Matches

Records from the 1965 UBD Business Directory, 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:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
Electric Power Supplies	St. George County Council, Montgomery St., Kogarah	78151	Road Match	27m
Local Bodies	St. George County Council, Montgomery St., Kogarah	108345	Road Match	27m
Schools/Colleges - Technical	St. George Technical College, Montgomery St., Kogarah	143029	Road Match	27m

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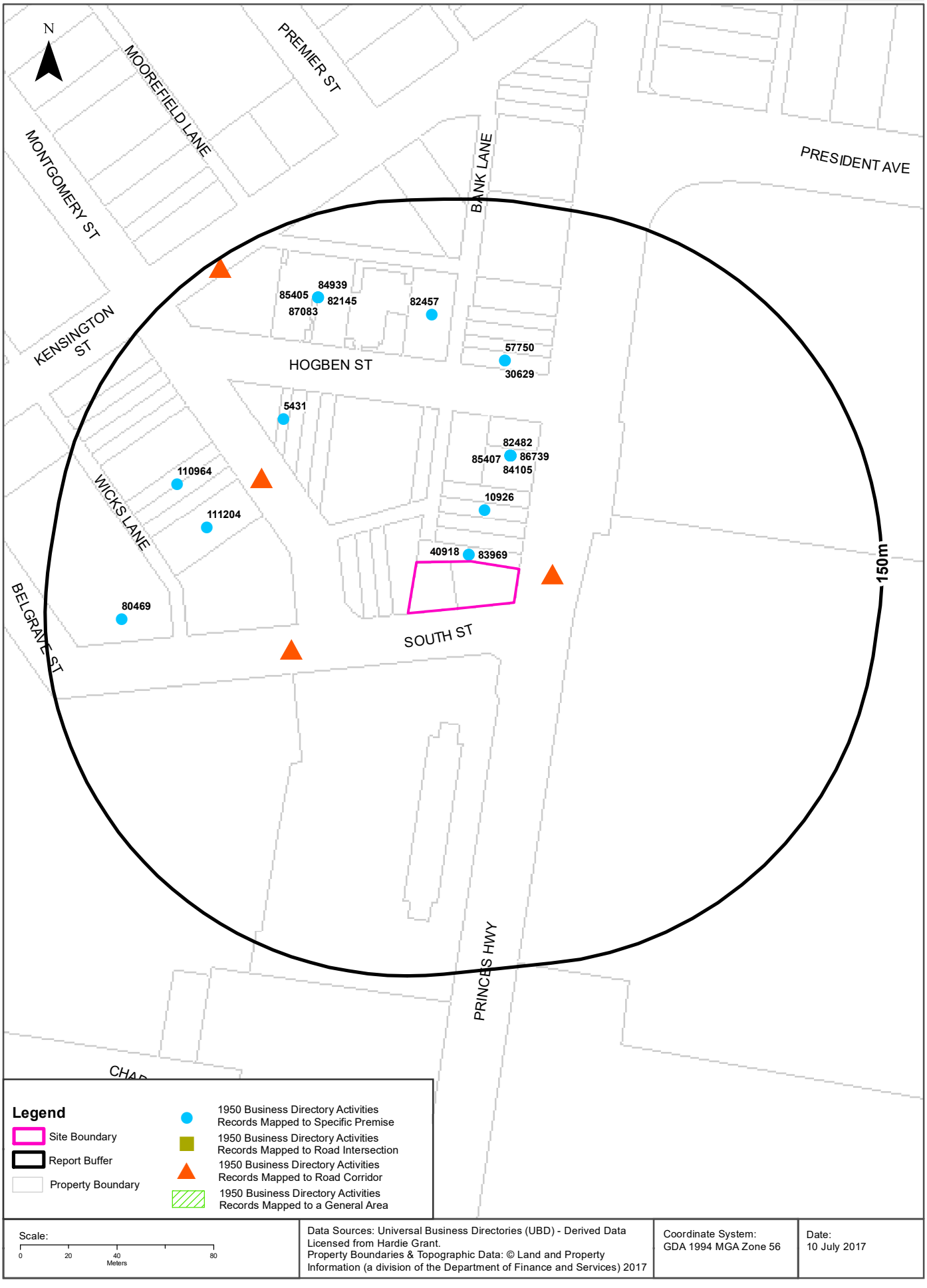
1950 Historical Business Directory Records

131 Princes Highway, Kogarah, NSW 2217



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Coordinate System: GDA 1994 MGA Zone 56

Date: 10 July 2017

Historical Business Directories

131 Princes Highway, Kogarah, NSW 2217

1950 Business Directory Records
Premise or Road Intersection Matches

Records from the 1950 UBD Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
MOTOR GARAGES &/OR ENGINEERS	Kogarah Motor Works, 129 Princes Hghwy., Kogarah	83969	Premise Match	3m	North
ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Kogarah Motor Works, 129 Princes Hghwy, Kogarah	40918	Premise Match	3m	North
BOTTLE MERCHANTS & EXCHANGES	Kogarah Bottle Exchange, 121 Princes Hghwy., Kogarah	10926	Premise Match	22m	North
MOTOR PAINTERS	Moorfield Motor Centre, 113-119 Princes Hghwy., Kogarah	84941	Premise Match	46m	North
MOTOR PAINTERS	Moorfield Motor Centre, 113-119 Princes Hghwy., Kogarah	84940	Premise Match	46m	North
MOTOR SPARE PARTS DEALERS-RETAIL	Moorfield Motor Centre, 113-119 Princes Hghwy., Kogarah	86739	Premise Match	46m	North
MOTOR SPARE PARTS DEALERS-RETAIL	Moorfield Motor Centre, 113-119 Princes Hghwy., Kogarah	86740	Premise Match	46m	North
TYRE RETREADERS & VULCAN ISERS	Moorfield Motor Centre, 113-119 Princes Hghwy., Kogarah	111022	Premise Match	46m	North
MOTOR PANEL BEATERS	Moorfield Motor Service, 113-119 Princes Hghwy., Kogarah	85406	Premise Match	46m	North
MOTOR PANEL BEATERS	Moorfield Motor Service, 113-119 Princes Hghwy., Kogarah	85407	Premise Match	46m	North
MOTOR GARAGES &/OR ENGINEERS	Moorfield Motor Service, 113-119 Princes Hghwy., Kogarah	84105	Premise Match	46m	North
MOTOR GARAGES &/OR ENGINEERS	Moorfield Motor Service, 113-119 Princes Hghwy., Kogarah	84104	Premise Match	46m	North
MOTOR CAR & TRUCK DEALERS-USED	Moorfield Motor Service, 113-119 Princes Hghwy., Kogarah	82481	Premise Match	46m	North
MOTOR CAR & TRUCK DEALERS-USED	Moorfield Motor Service, 113-119 Princes Hghwy., Kogarah	82482	Premise Match	46m	North
BAKERS-BREAD	Plant, J., 20 Hogden St., Kogarah	5431	Premise Match	81m	North West
GROCERS-RETAIL	Hill, W. C. F., 111 Princes Hghwy., Kogarah	57750	Premise Match	84m	North
DELICATESSENS & SMALLGOODS DEALERS	Hill, W.C.F., 111 Princes Hghwy., Kogarah	30629	Premise Match	84m	North
UPHOLSTERERS	Jeffcoat, A., 59 Montgomery St., Kogarah	111204	Premise Match	88m	West
MOTOR CAR & TRUCK DEALERS-USED	Macpherson, A., 3 Hogben St., Kogarah	82457	Premise Match	102m	North
TYRE RETREADERS & VULCAN ISERS	Cronin, H. A., 57 Montgomery St., Kogarah	110964	Premise Match	104m	West
MOTOR TRIMMERS	Moorefield Motor Body Works, 15 Hogben St., Kogarah	87083	Premise Match	117m	North West
MOTOR PAINTERS	Moorefield Motor Body Works, 15 Hogben St., Kogarah	84939	Premise Match	117m	North West
MOTOR PANEL BEATERS	Moorefield Motor Body Works, 15 Hogben St., Kogarah	85405	Premise Match	117m	North West
MOTOR BODY BUILDERS	Morefield Motor Body Works, 15 Hogben St., Kogarah	82145	Premise Match	117m	North West
MIXED BUSINESSES & GENERAL STORES	Marshall, W. M., 38 Belgrave St., Kogarah	80469	Premise Match	118m	West

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1950 Business Directory Records
Road or Area Matches

Records from the 1950 UBD Business Directory, 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:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
BOOT & SHOE REPAIRERS	Flood, A. E., Princes Hghwy., Kogarah	10180	Road Match	0m
REFRIGERATOR SALES &/OR SERVICE	Stuart, G. H., South St., Kogarah	99369	Road Match	0m
MILK BAR & CAFE EQUIPMENT MFRS. &/OR DISTRIBUTORS	Stuart, J. H., South St., Kogarah	76206	Road Match	0m
LEATHER GOODS MFRS. &/OR WHOLESALERS	Victory Leather Goods, Princes Hghwy., Kogarah	68259	Road Match	0m
ELECTRIC POWER SUPPLIES	St. George County Council, Montgomery St., Kogarah	37069	Road Match	27m
LIBRARIES-LENDING	Christian Science Reading Rooms, Kensington St., Kogarah	68573	Road Match	144m

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Historical Business Directories

131 Princes Highway, Kogarah, NSW 2217

Dry Cleaners, Motor Garages & Service Stations
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:

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR GARAGES &/OR ENGINEERS	Kogarah Motor Works, 129 Princes Hghwy., Kogarah	83969	1950	Premise Match	3m	North
MOTOR SERVICE STATIONS - PETROL, OIL	BPKogarah, 119 Princes H'way, Kogarah.	61510	1975	Premise Match	29m	North
MOTOR GARAGES & ENGINEERS(M6S6)	Corinthian Service Station,113-119 Princes Highway.KOGARAH	337618	1970	Premise Match	46m	North
Motor Garages & Engineers - Kogarah	Corinthian Service Station, 113-119 Princes Hghwy.	122848	1965	Premise Match	46m	North
MOTOR GARAGES &/OR ENGINEERS	Moorfield Motor Service, 113-119 Princes Hghwy., Kogarah	84105	1950	Premise Match	46m	North
MOTOR GARAGES &/OR ENGINEERS	Moorfield Motor Service, 113-119 Princes Hghwy., Kogarah	84104	1950	Premise Match	46m	North
Motor Service Stations - Petrol, Oil, Etc. - Kogarah	Valhalla Service Station, 101 Princes Hghwy.	125824	1965	Premise Match	111m	North
Motor Garages & Engineers - Kogarah	St. George Auto Port, Cnr. Princes Hghwy. & President Ave.	122852	1965	Road Intersection	189m	North
MOTOR GARAGES & SERVICE STATIONS.	Esso Kogarah Service Station, 736 Princes H'way., Kogarah.	64635	1986	Premise Match	228m	North East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Esso Kogarah Service Station, 736 Princes H'way, Kogarah. 2217.	56704	1982	Premise Match	228m	North East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Esso Service Centre Kogarah, 736 Princes H'way, Kogarah.	49964	1978	Premise Match	228m	North East
MOTOR GARAGES &/OR ENGINEERS.	Esso Service Centre Kogarah, 736 Princes H'way, Kogarah.	58810	1975	Premise Match	228m	North East
MOTOR GARAGES & ENGINEERS(M6S6)	Esso Service Centre,736 Princes Highway.KOGARAH	337745	1970	Premise Match	228m	North East
Motor Service Stations - Petrol, Oil, Etc. - Kogarah	Caltex Service Station, Cnr. Princes Hghwy. & Gladston St.	125818	1965	Road Intersection	255m	North
MOTOR SERVICE STATIONS - PETROL, OIL	St. George Auto Port, 69 Princes H'way, Kogarah.	61958	1975	Premise Match	297m	North
MOTOR GARAGES &/OR ENGINEERS.	St. George Auto Port. 69 Princes H'way. Kogarah.	59574	1975	Premise Match	297m	North
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	St. George Auto Port, 69 Princes Highway.KOGARAH	341490	1970	Premise Match	297m	North
MOTOR GARAGES & ENGINEERS(M6S6)	Turner Bros.,Cnr. Prince's Highway. & Rocky Point Rd.KOGARAH	338799	1970	Road Intersection	334m	South
Motor Garages & Engineers - Kogarah	Turner Bros., Cnr. Prince's Hghwy. & Rocky Point	122855	1965	Road Intersection	334m	South
MOTOR GARAGES &/OR ENGINEERS	Turner Bros., Cnr. Princes Hghwy. and Rocky Point Rd., Kogarah	84487	1950	Road Intersection	334m	South
MOTOR SERVICE STATIONS-PETROL, Etc.	Turner Bros., Cnr. Princes Hghwy. and Rocky Point Rd., Kogarah	86469	1950	Road Intersection	334m	South
DRY CLEANERS, PRESSERS &/OR DYERS	Duval Dry Cleaners, Rear 6 Derby St., Kogarah.	20751	1978	Premise Match	342m	West
MOTOR SERVICE STATIONS-PETROL, Etc.	Lamb, Perc, 11 Montgomery St., Kogarah	86120	1950	Premise Match	377m	North West
MOTOR GARAGES &/OR ENGINEERS	Lambs Motors, 11 Montgomery St., Kogarah	83974	1950	Premise Match	377m	North West
MOTOR GARAGES & SERVICE STATIONS.	Golden Fleece Kogarah Service Station, 29 President Ave., Kogarah.	64766	1986	Premise Match	419m	East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Golden Fleece Kogarah Service Station, 29 President Ave., Kogarah,2217.	56838	1982	Premise Match	419m	East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Golden Fleece Service Station, 29 President Ave.. Kogarah.	50159	1978	Premise Match	419m	East

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR GARAGES &/OR ENGINEERS.	Golden Fleece Service Station, 29 President Ave., Kogarah.	58972	1975	Premise Match	419m	East
Motor Service Stations - Petrol, Oil, Etc. - Kogarah	Golden Fleece Service Station, 29 President Ave.	125819	1965	Premise Match	419m	East
MOTOR GARAGES & ENGINEERS(M6S6)	Golden Fleece Service Station,29 President Ave.KOGARAH	337891	1970	Premise Match	420m	East
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Golden Fleece Service Station,29 President Ave.KOGARAH	341157	1970	Premise Match	420m	East
DRY CLEANERS, PRESSERS & DYERS	London Dry Cleaners, 3 Montgomery St., Kogarah	35439	1950	Premise Match	423m	North West
DRY CLEANERS, PRESSERS & DYERS	Ashton Dry Cleaners, 35 Regent St., Kogarah	35093	1950	Premise Match	443m	North West
MOTOR GARAGES &/OR ENGINEERS	Rydstrom, J. C., 700 Princes Hghwy., Kogarah	84335	1950	Premise Match	453m	North
DRY CLEANERS & PRESSERS.	Lawrence Dry Cleaners, 19 Railway Pde., Kogarah. .	25404	1986	Premise Match	457m	North West
DRY CLEANERS & PRESSERS. (D8500)	Lawrence Dry Cleaners, 19 Railway Pde., Kogarah. 2217	23931	1982	Premise Match	457m	North West
Motor Service Stations - Petrol, Oil, Etc. - Carlton	Carlton Auto Port (Shell), 172 Railway Pde.	125568	1965	Premise Match	459m	West
Motor Garages & Engineers - Kogarah	Kogarah Motors, Cnr. Railway & Taylor Sts., West Kogarah	122849	1965	Road Intersection	481m	North West
Motor Service Stations - Petrol, Oil, Etc. - Kogarah	Kogarah Motors, Railway St.	125821	1965	Premise Match	485m	West
MOTOR GARAGES & ENGINEERS(M6S6)	Kogarah Motors,Cnr. Railway & Taylor Sts.,West Kogarah	338121	1970	Road Intersection	499m	North West
MOTOR GARAGES & SERVICE STATIONS.	Bridge Service Station, 3 Railway Pde., Kogarah.	64261	1986	Premise Match	536m	North West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Bridge Service Station, 3 Railway Pde., Kogarah. 2217.	56335	1982	Premise Match	536m	North West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Bridge Service Station, 3 Railway Pde., Kogarah.	49454	1978	Premise Match	536m	North West
MOTOR GARAGES & ENGINEERS(M6S6)	Bridge Service Station (The),3 Railway Pde.KOGARAH	337432	1970	Premise Match	536m	North West
Motor Garages & Engineers - Kogarah	Bridge Service Station (The), 3 Railway Pde.	122846	1965	Premise Match	536m	North West
MOTOR GARAGES &/OR ENGINEERS	Star Auto Engineering Co., 688 Princes Hghwy., Kogarah	84418	1950	Premise Match	546m	North
MOTOR GARAGES & SERVICE STATIONS.	Wayne's, Greg Mechanical Repairs, 199 Princes H'way., Kogarah.	65691	1986	Premise Match	546m	South West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	N.C. & C.G. Motors Ampol, 199 Princes H'way., Kogarah. 2217,	57272	1982	Premise Match	546m	South West
MOTOR GARAGES &/OR ENGINEERS.	Bridge Service Station, 3 Railway Pde., Kogarah.	58477	1975	Premise Match	549m	North West
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Valhalla Service Station,201 Princes Highway.KOGARAH	341595	1970	Premise Match	550m	South West
MOTOR SERVICE STATIONS - PETROL, OIL	Valhalla Service Station, 201 Princes H'way, Kogarah.	62025	1975	Premise Match	551m	South West
DRY CLEANERS, PRESSERS & DYERS	Ovens, D. M. (Agent), 11 Station St., Kogarah I	35579	1950	Premise Match	558m	North West
MOTOR SERVICE STATIONS-PETROL, Etc.	McKnight, W. G., 44 Princes Hghwy., Kogarah	86192	1950	Premise Match	603m	South West
MOTOR GARAGES &/OR ENGINEERS	McKnight, W. G„ 44 Princes Hghwy., Kogarah	84067	1950	Premise Match	603m	South West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Cross, G. Service Centre Pty. Ltd., 48 Princes H'way. Kogarah.	49863	1978	Premise Match	638m	South West
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Cross,G. Service Centre Pty. Ltd.,48 Princes Highway.KOGARAH	340991	1970	Premise Match	638m	South West
Motor Garages & Service Stations	Arthur's Auto Service Pty Ltd 2 Blake St, Kogarah 2217	53520	1991	Premise Match	662m	West
MOTOR SERVICE STATIONS-PETROL, Etc.	Hunt Bros. (Motors) Pty. Ltd., 242-246 Railway Pde., Kogarah	86073	1950	Road Intersection	717m	West
MOTOR GARAGES &/OR ENGINEERS	Hunt Bros. (Motors) Pty. Ltd., 246 Railway Pde., Kogarah	83898	1950	Road Intersection	717m	West
DRY CLEANERS, PRESSERS & DYERS	Gibson, F. (Ashton), 3 Queen Victoria St., West Kogarah	35262	1950	Premise Match	720m	North West
DRY CLEANERS, PRESSERS & DYERS	Goto, G., 5 Queen Victoria St., West Kogarah	35267	1950	Premise Match	720m	North West
Motor Garages & Engineers - Kogarah	Carco Pty. Ltd., 258-260 Railway Pde.	122847	1965	Premise Match	744m	West

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
DRY CLEANERS, PRESSERS &/OR DYERS	Golden Drive-In Cleaners & Launderers, 651 Princes H'Way., Rockdale.	20790	1978	Premise Match	758m	North
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Golden Fleece Service Station. 651 Princes H'Way., Rockdale.	50160	1978	Premise Match	758m	North
MOTOR GARAGES &/OR ENGINEERS.	Golden Fleece Service Station, 651 Princes H'way. Rockdale.	58971	1975	Premise Match	758m	North
MOTOR GARAGES & ENGINEERS(M6S6)	Golden Fleece Service Station,651-653 Princes Highway.ROCKDALE	337900	1970	Premise Match	758m	North
Motor Service Stations - Petrol, Oil, Etc. - Kogarah	Golden Fleece Service Station, 651-653 Prince's Hghwy.	125820	1965	Premise Match	758m	North
MOTOR GARAGES & ENGINEERS(M6S6)	Carco Pty. Ltd.,258-260 Railway Pde.,Kogarah	337528	1970	Premise Match	766m	West
DRY CLEANERS,PRESSERS/DYERS (D710)	West End Dry Cleaning Service,28 Queen Victoria St.,Bexley	292576	1970	Premise Match	815m	North West
Dry Cleaners, Pressers/Dyers	West End Dry Cleaning Service, 28 Queen Victoria St., Bexley	76383	1965	Premise Match	815m	North West
Motor Garages & Service Stations	Total Carlton Service Station 2 Willison Rd., Carlton	53956	1991	Premise Match	930m	West
MOTOR GARAGES & SERVICE STATIONS.	Total Canton Service Station, 2 Willison Rd., Carlton.	65595	1986	Premise Match	930m	West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Total Carlton Service Station, 2 Wiffison Rd., Carlton. 2218.	57712	1982	Premise Match	930m	West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Fleetwing Service Station, 2 Willison Rd., Carlton.	50061	1978	Premise Match	930m	West
MOTOR GARAGES &/OR ENGINEERS.	Fleetwing Service Station, 2 Wilson Rd., Carlton.	58884	1975	Premise Match	930m	West
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Toose,L. C. Pty. Ltd. (Total),2 Wiilison Rd.CARLTON	341544	1970	Premise Match	930m	West
MOTOR GARAGES & ENGINEERS(M6S6)	Total Service Station,2 Willison Rd.CARLTON	338754	1970	Premise Match	930m	West
Motor Garages & Engineers - Carlton	Total Service Station, 2 Willison Rd.	122397	1965	Premise Match	930m	West
MOTOR GARAGES &/OR ENGINEERS	Auto Maintenance, 2 Willison Rd., Carlton	83397	1950	Premise Match	930m	West

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Historical Business Directories

131 Princes Highway, Kogarah, NSW 2217

Dry Cleaners, Motor Garages & Service Stations 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:

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
MOTOR SERVICE STATIONS - PETROL, OIL	Kogarah Auto Centre, Princes H'way, Kogarah.	61840	1975	Road Match	0m
MOTOR GARAGES & ENGINEERS(M6S6)	St. George Auto Port,Princes Highway.KOGARAH	338652	1970	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS.	Turner Bros. Princes H'way, Kogarah	59706	1975	Road Match	0m
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Kogarah Auto Centre,Gladstone St.KOGARAH	341261	1970	Road Match	249m
DRY CLEANERS, PRESSERS & DYERS	Duval Dry Cleaners, Derby St, Kogarah	35199	1950	Road Match	294m
MOTOR GARAGES &/OR ENGINEERS.	Platt. W. T . Rocky point Rd, Ramsgate.	59401	1975	Road Match	355m
Motor Garages & Engineers - Kogarah	Scarborough Service Station, Rocky Point Rd.	122853	1965	Road Match	355m
MOTOR GARAGES &/OR ENGINEERS	Kogarah Motors (H. A. Swavely), Railway St., West Kogarah	83970	1950	Road Match	450m
MOTOR GARAGES &/OR ENGINEERS	Kogarah Motors, Railway St., West Kogarah	83971	1950	Road Match	450m
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Kogarah Motors,Railway St.KOGARAH	341262	1970	Road Match	450m
MOTOR GARAGES &/OR ENGINEERS	Swavley, H. A, Railway St., Kogarah	84451	1950	Road Match	450m
MOTOR GARAGES &/OR ENGINEERS	Paterson, R., 26 Garden St., Kogarah	84189	1950	Road Match	567m
Motor Garages & Engineers - Brighton-Le-Sands	Clarke Bros, Esso Service Centre, 227 President Ave.	122300	1965	Road Match	615m
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Esso Servicenter,227 President Ave.BRIGHTON-LE-SANDS	341063	1970	Road Match	615m
MOTOR GARAGES & ENGINEERS(M6S6)	Koch,K. J. Sc M. M.,227 President Ave.BRIGHTON-LE-SANDS	338119	1970	Road Match	615m
Motor Garages & Engineers - Brighton-Le-Sands	President Garage, 227 President Ave.	122303	1965	Road Match	615m
MOTOR GARAGES &/OR ENGINEERS	President Garage, 227 President Ave., Brighton-le-Sands	84230	1950	Road Match	615m
MOTOR GARAGES & SERVICE STATIONS.	Arthur's Auto Service, Blake St., Kogarah.	63975	1986	Road Match	666m
Motor Service Stations - Petrol, Oil, Etc. - Rockdale	Rosevale Service Station, Princes Hghwy.	126105	1965	Road Match	735m
DRY CLEANERS, PRESSERS & DYERS	Jones, Dry Cleaners Pty. Ltd. 13 Queen Victoria St., Kogarah	35333	1950	Road Match	803m
MOTOR SERVICE STATIONS - PETROL, OIL	Total Service Station, Scarborough St., Sans Souci.	62000	1975	Road Match	835m
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Carlton Service Station Pty. Ltd.,Railway Pde.CARLTON	340951	1970	Road Match	852m
MOTOR SERVICE STATIONS - PETROL, OIL	Fleet 100, Service Station, Willison Rd., Bexley.	61753	1975	Road Match	884m
MOTOR GARAGES &/OR ENGINEERS.	Fleet 10O. Service Station, Willson Rd. Bexley.	58879	1975	Road Match	884m
Motor Service Stations - Petrol, Oil, Etc. - Brighton-le-Sands	Bay Service Station, 178 President Ave.	125503	1965	Road Match	958m
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Sleet Bros. Pty. Ltd. (Esso),183 Rocky Point Rd.RAMSGATE	341467	1970	Road Match	994m

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Aerial Imagery 2014

131 Princes Highway, Kogarah, NSW 2217

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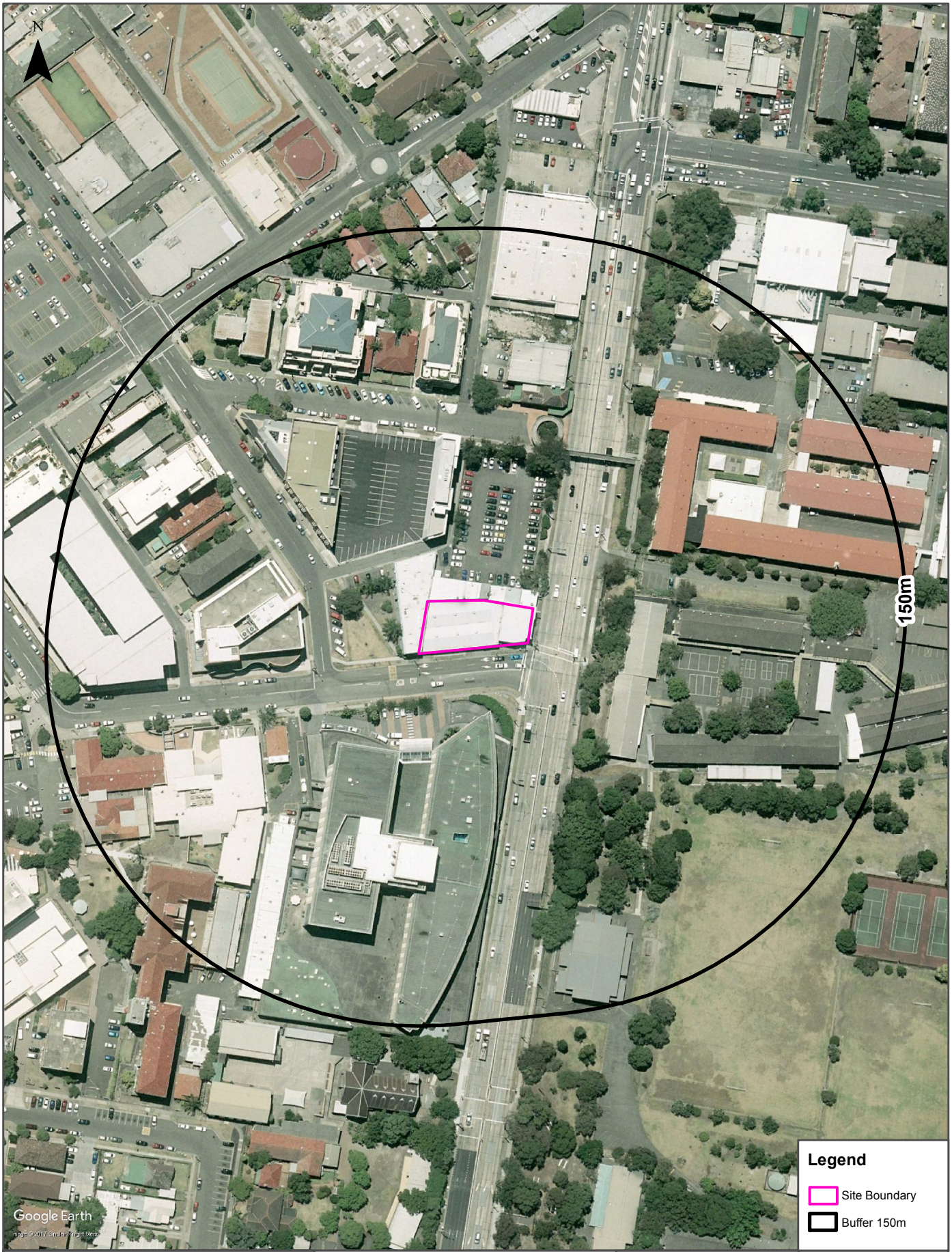
Meters

Aerial Imagery 2009

131 Princes Highway, Kogarah, NSW 2217



Scale: 0 25 50 100 Meters	Data Sources: Aerial Imagery © 2017 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.	Coordinate System: GDA 1994 MGA Zone 56	Date: 06 July 2017

Aerial Imagery 2000

131 Princes Highway, Kogarah, NSW 2217

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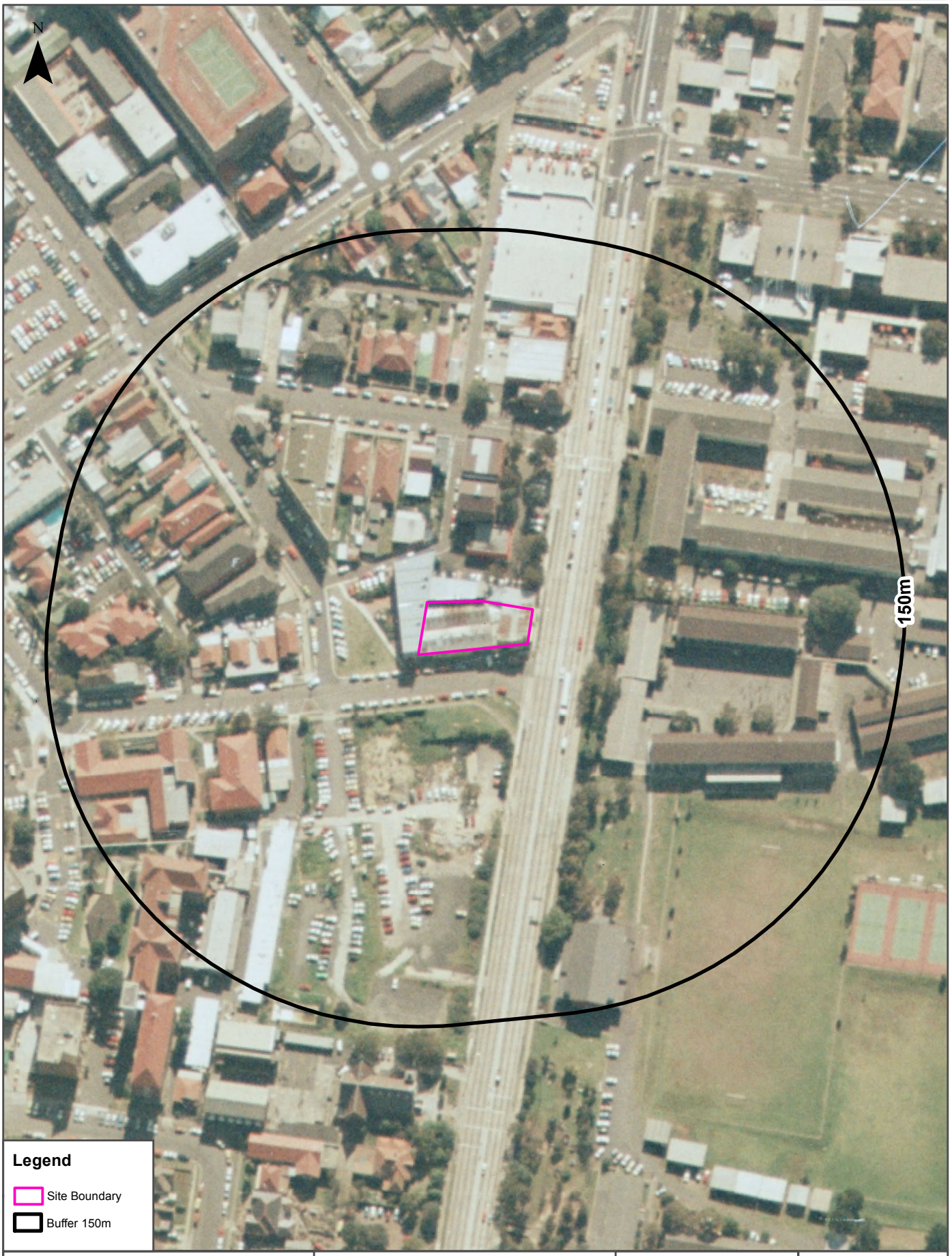
Meters

Aerial Imagery 1991

131 Princes Highway, Kogarah, NSW 2217

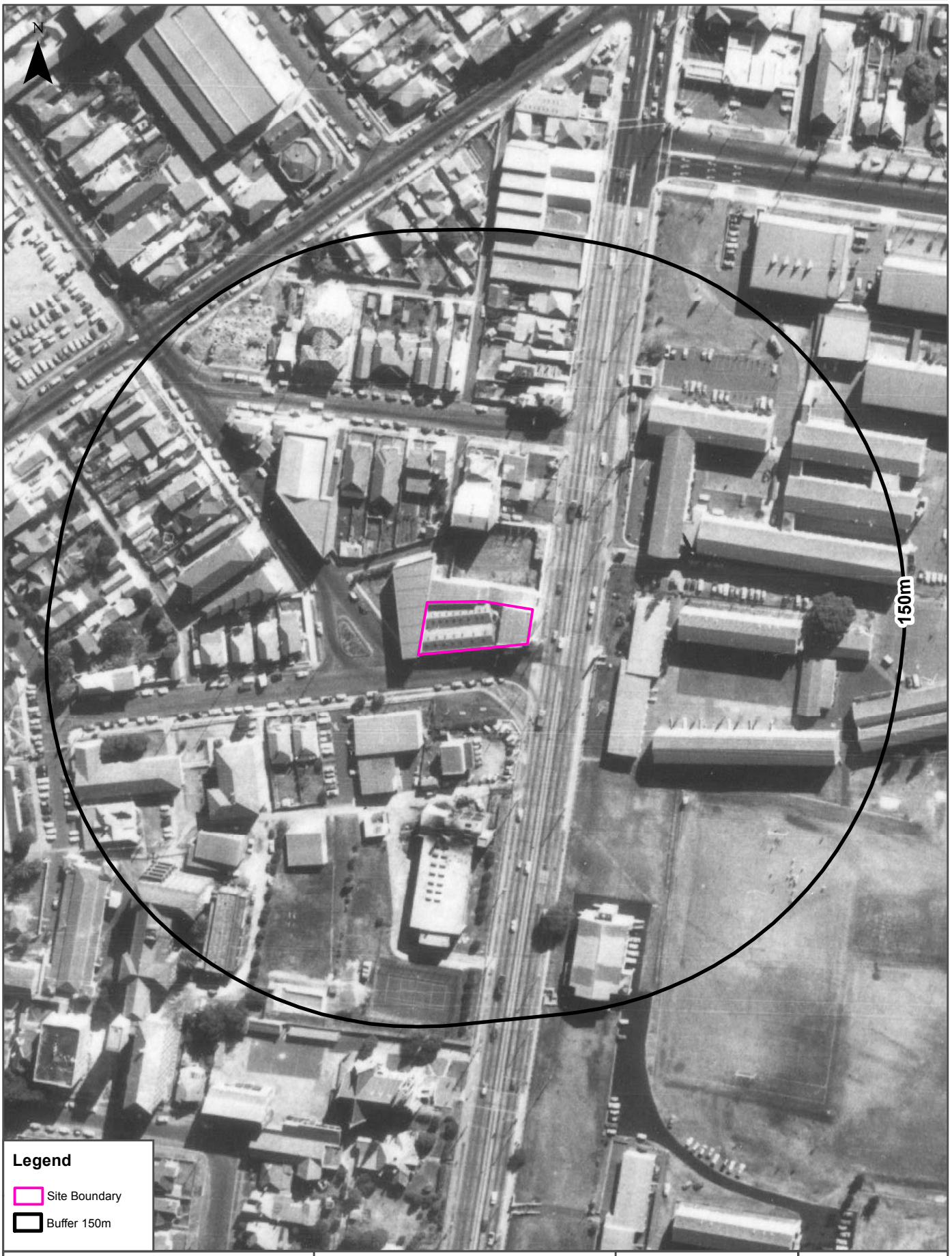


Aerial Imagery 1982

131 Princes Highway, Kogarah, NSW 2217

Aerial Imagery 1970

131 Princes Highway, Kogarah, NSW 2217



Scale: 0 25 50 100 Meters

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Aerial Imagery 1965

131 Princes Highway, Kogarah, NSW 2217

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Date: 06 July 2017

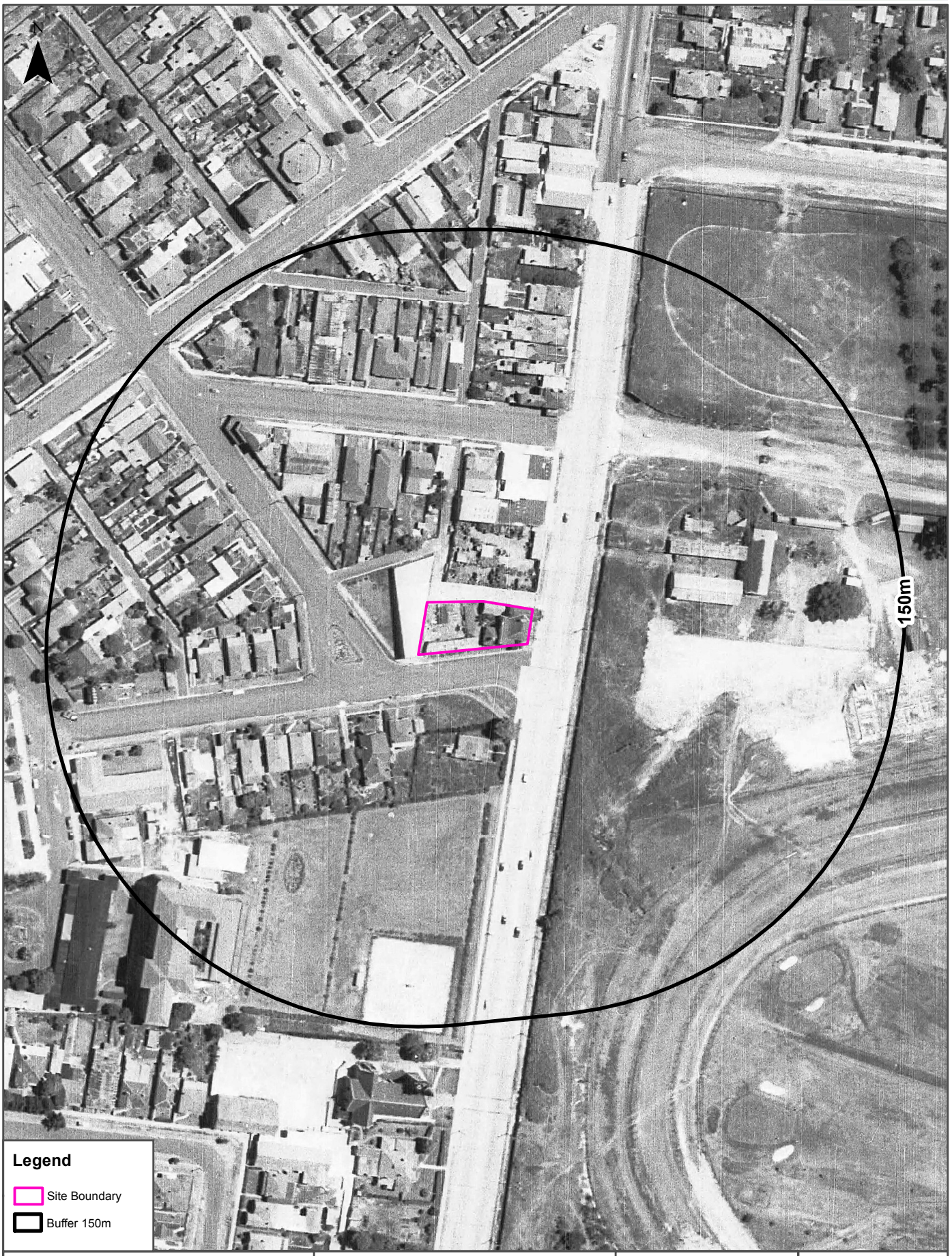
Aerial Imagery 1961

131 Princes Highway, Kogarah, NSW 2217

Scale: 0 25 50 100 Meters	Data Sources: Historical Aerials: © Land and Property Information (a division of the Department of Finance and Services)	Coordinate System: GDA 1994 MGA Zone 56	Date: 06 July 2017

Aerial Imagery 1956

131 Princes Highway, Kogarah, NSW 2217



Scale: 0 25 50 100 Meters

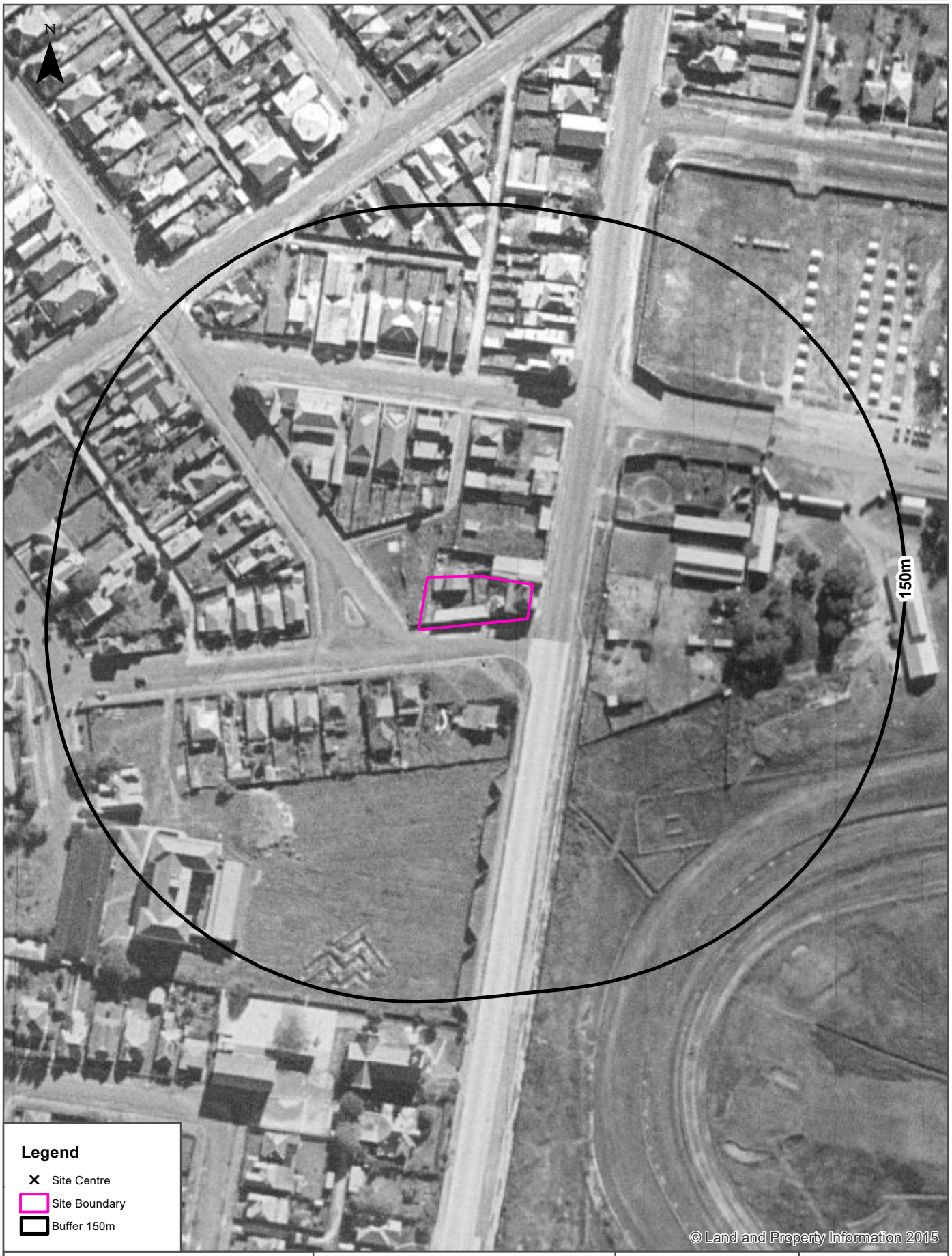
Data Sources: Historical Aerials: © Land and Property Information (a division of the Department of Finance and Services)

Coordinate System: GDA 1994 MGA Zone 56

Date: 06 July 2017

Aerial Imagery 1943

131 Princes Highway, Kogarah, NSW 2217



Scale:	Data Sources:Aerial Imagery © Land and Property Information (a division of the Department of Finance and Services)	Coordinate System: GDA 1994 MGA Zone 56	Date: 10July 2017

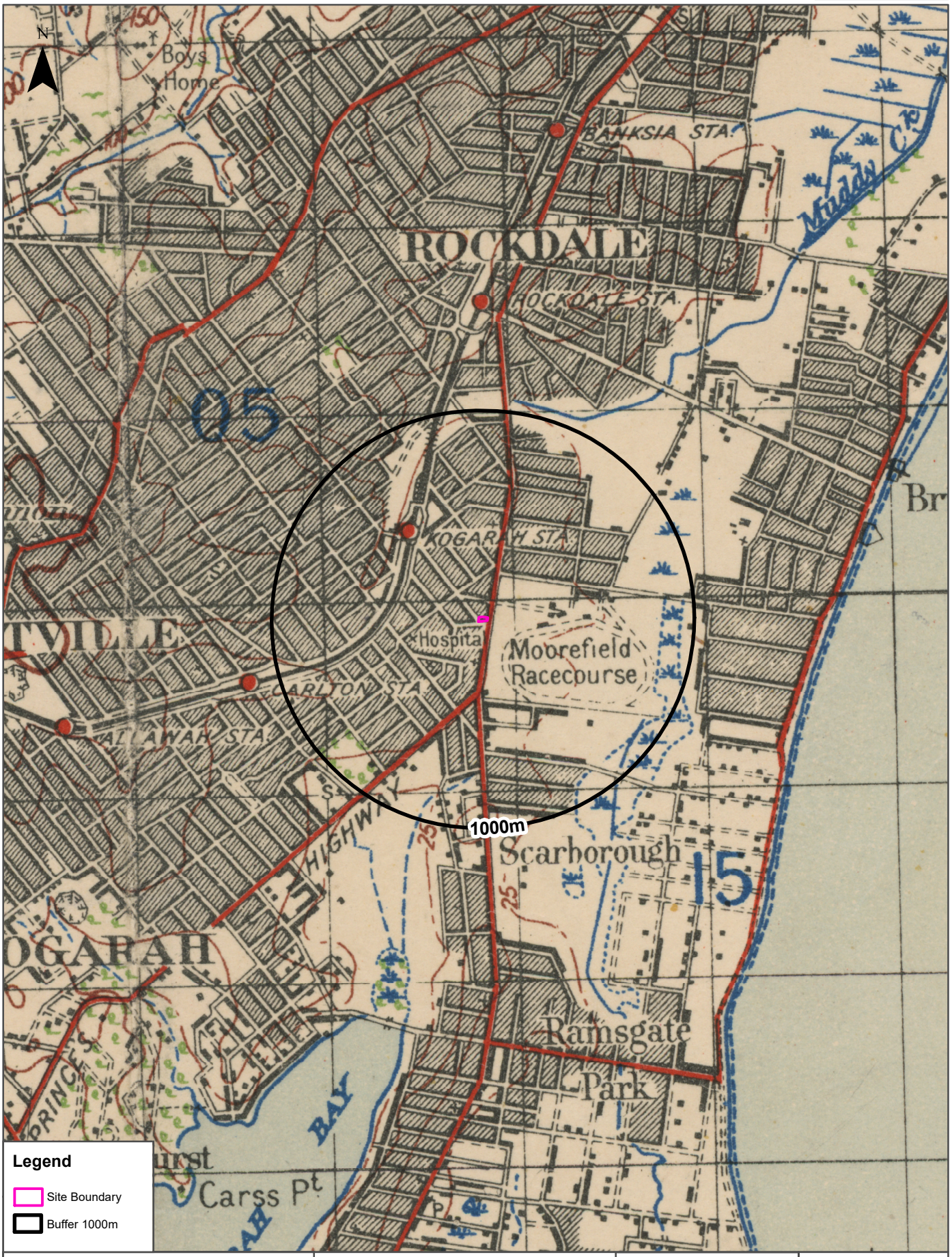
0 25 50 100
Meters

Historical Map 1975

131 Princes Highway, Kogarah, NSW 2217

Historical Maps ca.1949

131 Princes Highway, Kogarah, NSW 2217



Scale: 0 250 500 1,000 Meters

Data Sources: Australia 1:63360 Sheet 423
Sydney, New South Wales
Prepared by Commonwealth Section Imperial General Staff

Coordinate System:
GDA 1994 MGA Zone 56

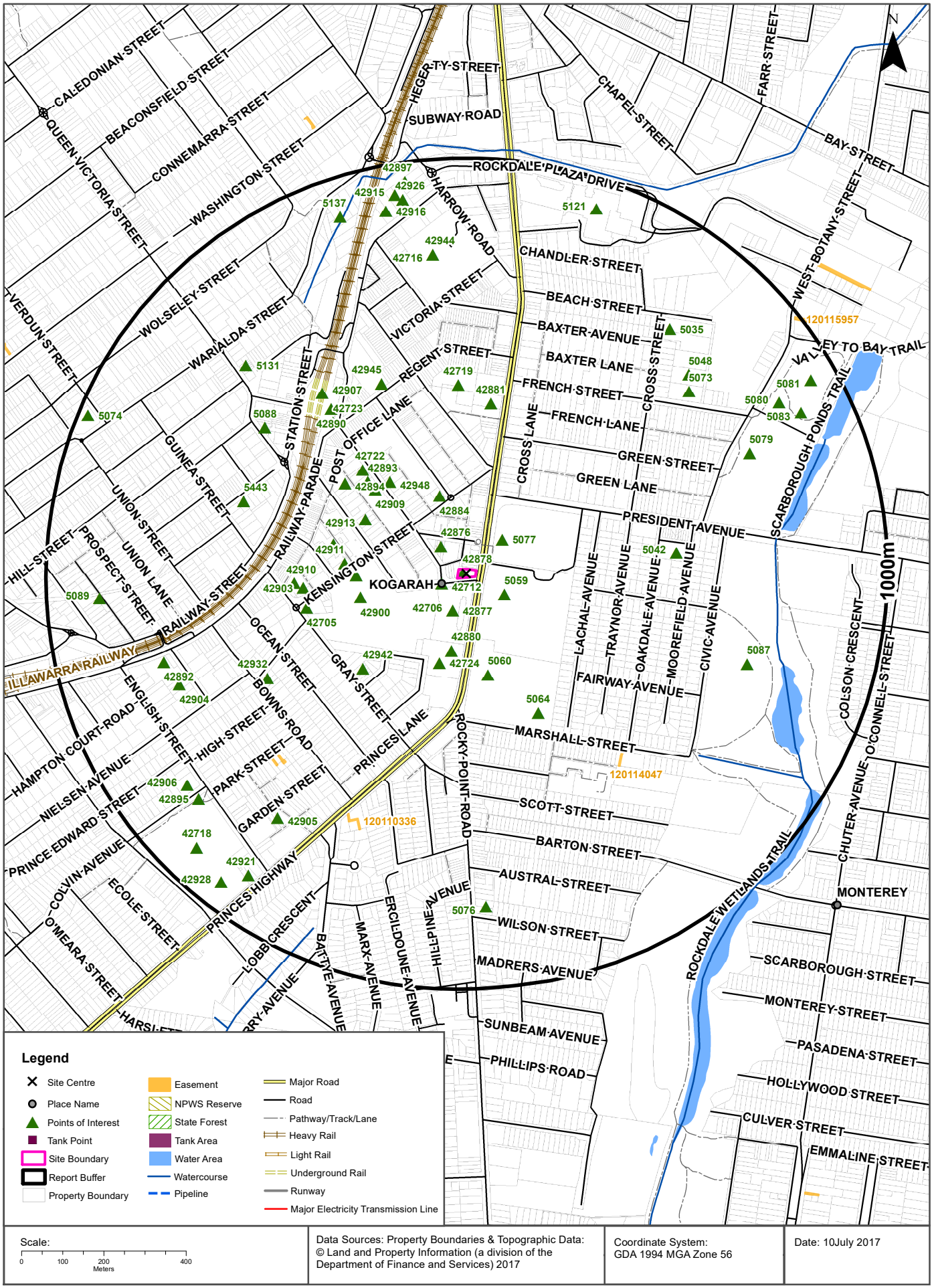
Date: 07 July 2017

Historical Maps ca.1917

131 Princes Highway, Kogarah, NSW 2217

Topographic Features

131 Princes Highway, Kogarah, NSW 2217



Topographic Features

131 Princes Highway, Kogarah, NSW 2217

Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
42878	Medical Centre	INTEGRATED COMMUNITY HEALTH	0m	Onsite
42712	Suburb	KOGARAH	40m	South West
42876	TAFE College	ST GEORGE TAFE COLLEGE	71m	North West
42877	Medical Centre	SHORT ST CENTRE SEXUAL HEALTH CLINIC	80m	South
42706	General Hospital	ST GEORGE PRIVATE HOSPITAL	80m	South
5059	High School	JAMES COOK BOYS HIGH SCHOOL	83m	South East
5077	TAFE College	ST GEORGE TAFE COLLEGE	99m	North East
42880	Place Of Worship	ST PATRICK'S CATHOLIC CHURCH	177m	South
42884	Place Of Worship	GRACE CHINESE CHRISTIAN CHURCH	185m	North
42724	Primary School	ST PATRICK'S CATHOLIC PRIMARY SCHOOL	210m	South
42900	Special School	ST GEORGE HOSPITAL SCHOOL	240m	West
5060	High School	MOOREFIELD GIRLS HIGH SCHOOL	241m	South
42901	General Hospital	ST GEORGE HOSPITAL	246m	West
42913	Place Of Worship	GREEK ORTHODOX PARISH AND COMMUNITY OF KOGARAH	257m	North West
42948	Nursing Home	CATHOLIC HEALTHCARE BETHLEHEM HOUSE	271m	North West
42911	Place Of Worship	KIRK PLACE PRESBYTERIAN CHURCH	276m	West
42909	TAFE College	ST GEORGE TAFE COLLEGE	282m	North West
42893	Court House	KOGARAH COURT HOUSE	307m	North West
42879	Art Gallery	KOGARAH CULTURAL CENTRE	308m	West
42902	Library	KOGARAH LIBRARY	311m	West
42942	Helipad	Helipad	317m	South West
42722	Police Station	ST GEORGE POLICE STATION	336m	North West
42894	Local Government Chambers	KOGARAH CITY COUNCIL	347m	North West
5064	Special School	ST GEORGE SCHOOL	366m	South East
42705	Fire Station	KOGARAH FIRE STATION	373m	West
42903	Medical Centre	KOGARAH EARLY CHILDHOOD HEALTH CENTRE	375m	West
42910	Place Of Worship	KOGARAH UNITING CHURCH	396m	West
42881	Place Of Worship	ST PAUL'S ANGLICAN CHURCH	407m	North
42719	Primary School	KOGARAH PUBLIC SCHOOL	449m	North
42723	Transport Interchange	KOGARAH BUS INTERCHANGE	471m	North West
5042	Park	MOOREFIELD RESERVE	488m	East
42899	High School	KOGARAH HIGH SCHOOL	489m	North West

Map Id	Feature Type	Label	Distance	Direction
42945	High School	SATURDAY SCHOOL OF COMMUNITY LANGUAGES KOGARAH HIG	489m	North West
42890	Post Office	KOGARAH POST OFFICE	499m	North West
42932	Community Facility	KOGARAH SCHOOL OF ARTS	521m	South West
42907	Railway Station	KOGARAH RAILWAY STATION	542m	North West
5443	Community Facility	KOGARAH WEST SENIOR CITIZENS CENTRE	548m	West
5088	Park	TOM HANRATTY RESERVE	584m	North West
5073	Club	MOOREFIELD BOWLING AND SPORTS CLUB	676m	North East
5087	Park	CIVIC AVENUE RESERVE	694m	East
5048	Sports Field	BOWLING GREENS	703m	North East
5131	Park	ROBERTSON STREET RESERVE	717m	North West
5079	Sports Centre	ILINDEN SPORTS CENTRE	723m	North East
42904	General Hospital	WESLEY HOSPITAL KOGARAH	723m	West
42905	Community Home	MAJESTIC HEALTH AGED CARE PTY LTD	728m	South West
42892	Club	KOGARAH RSL CLUB	741m	West
5035	Park	VICTORY RESERVE	752m	North East
42716	High School	ST GEORGE GIRLS HIGH SCHOOL	769m	North
42944	High School	SATURDAY SCHOOL OF COMMUNITY LANGUAGES ST GEORGE G	769m	North
5076	Community Home	ENDEAVOUR NURSING HOME	802m	South
42895	Monument	KOGARAH WAR MEMORIAL	826m	South West
42906	Community Home	THE LAURELS	827m	South West
5080	Sports Court	ROCKDALE SKATEPARK	842m	North East
5089	Park	G B HOLT RESERVE	870m	West
5083	Park	PLAYGROUND	877m	North East
42921	Park	PLAYGROUND	884m	South West
42916	Park	PLAYGROUND	890m	North
5137	Park	FRYS RESERVE	905m	North
42926	Picnic Area	Picnic Area	910m	North
42718	Sports Field	JUBILEE OVAL	911m	South West
42915	Sports Court	BASKETBALL COURT	925m	North
5121	Shopping Centre	ROCKDALE PLAZA	928m	North
5081	Park	BICENTENNIAL PARK	936m	North East
42928	Park	KOGARAH PARK	936m	South West
42897	Park	HOGBEN PARK	953m	North
5074	Community Home	ST GEORGE AGED CARE CENTRE	975m	North West

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

131 Princes Highway, Kogarah, NSW 2217

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
	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
	No records in buffer					

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

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

Map Id	Easement Class	Easement Type	Easement Width	Distance	Direction
120114047	Primary	Undefined		554m	South East
120113836	Primary	Undefined		610m	South West
120108206	Primary	Undefined		627m	South West
120110336	Primary	Undefined		630m	South West
120115957	Primary	Undefined		986m	North East

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

131 Princes Highway, Kogarah, NSW 2217

State Forest

What State Forest exist within the dataset buffer?

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

State Forest Data Source: © Land and Property Information (2015)
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National Parks and Wildlife Service Reserves

What NPWS Reserves exist within the dataset buffer?

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

NPWS Data Source: © Land and Property Information (2015)
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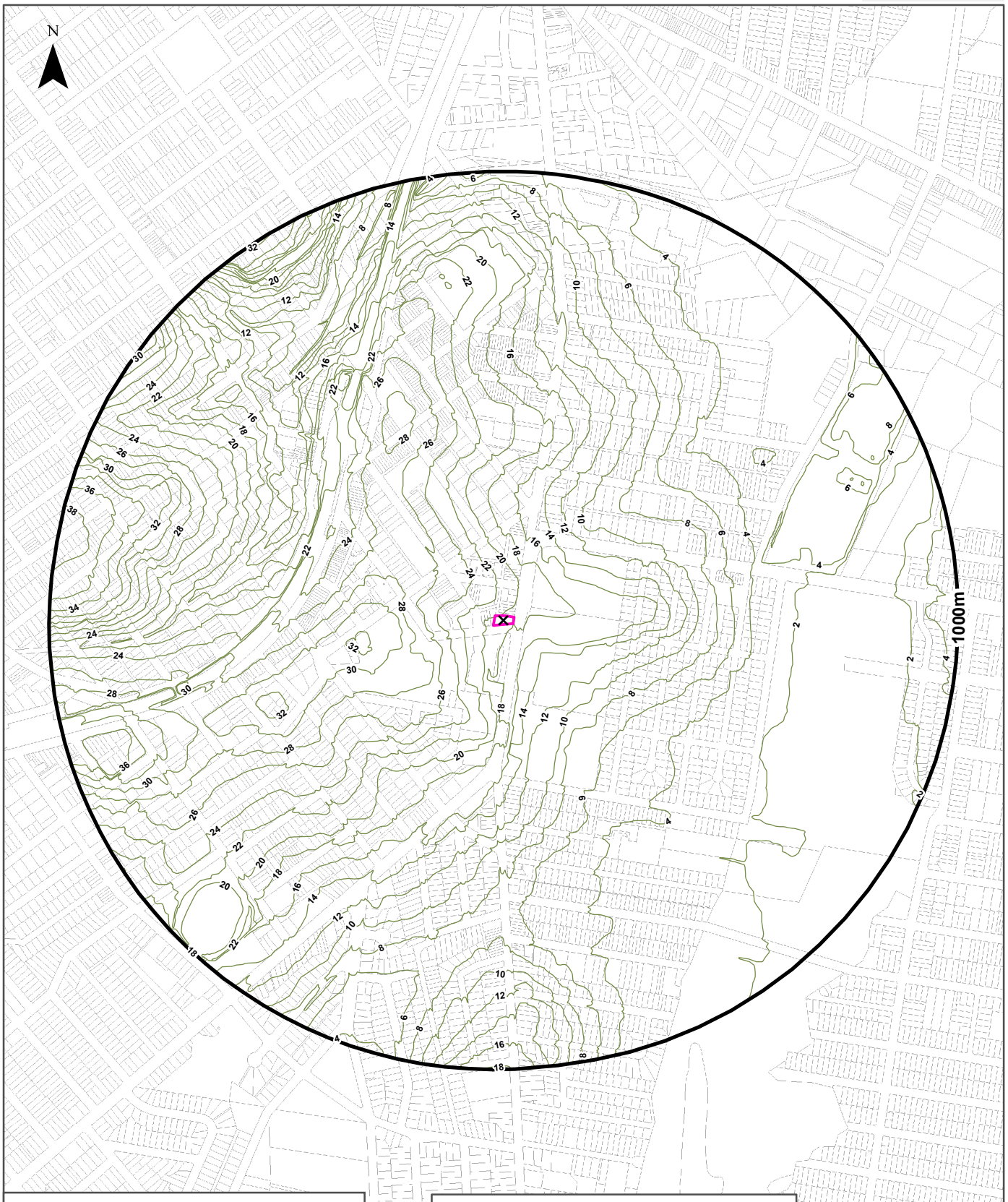
Elevation Contours (m AHD)

131 Princes Highway, Kogarah, NSW 2217



Legend

- Site Centre
- Elevation Contour (m AHD)
- Site Boundary
- Report Buffer
- Property Boundary

Accuracy & Currency: This contour data can be up to 0.4 of the contour interval out in height and must therefore not be used for any design or engineering works, but only as a general guide to topography. Gaps may occur along contour lines due to vertical topography, obscured topography in the source photography such as buildings, dense vegetation or dead ground, or the fact that original buildings have been replaced in the intervening thirty years since the original contour capture.

Scale: 0 100 200 400 Meters

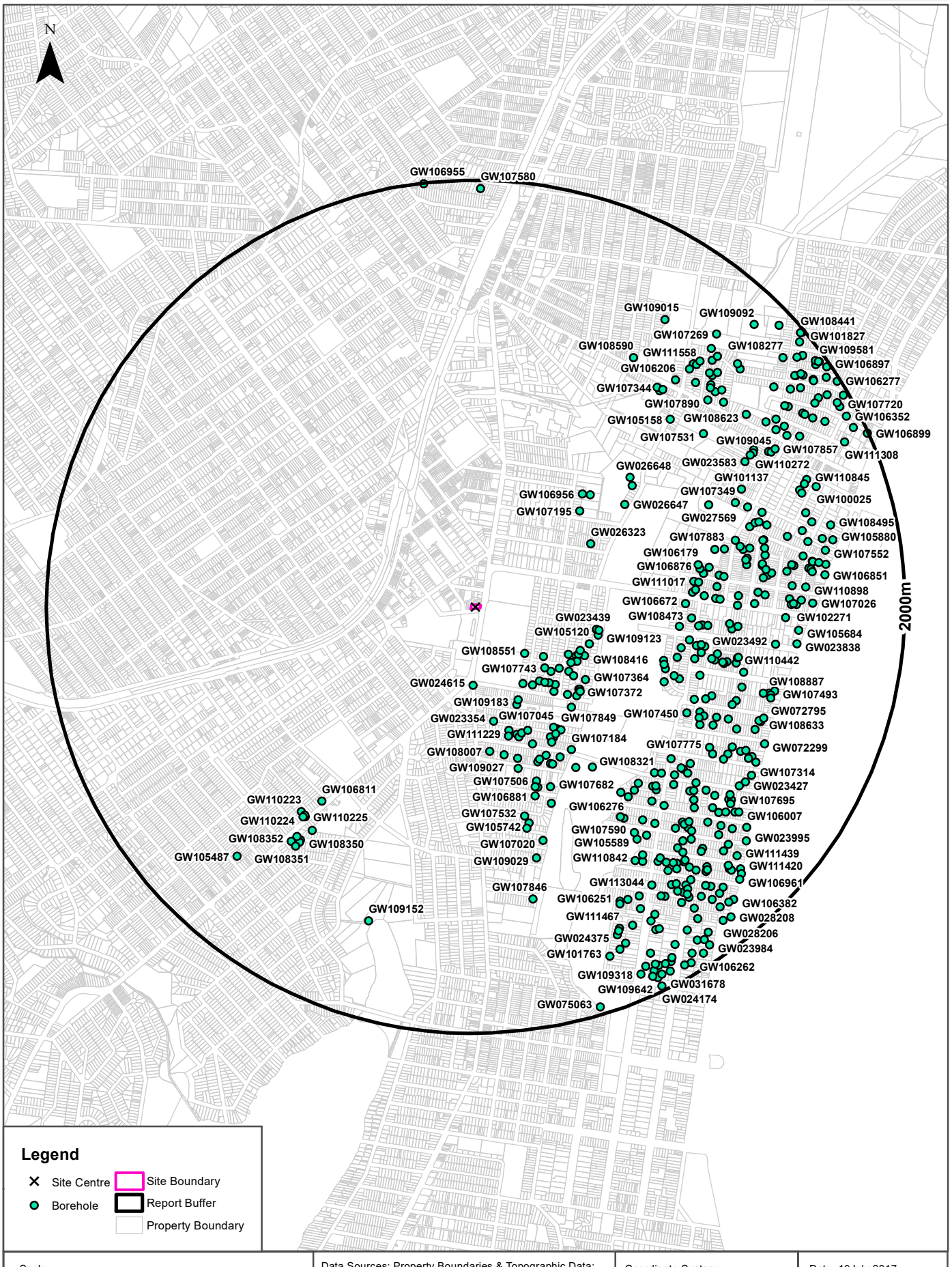
Data Sources: Property Boundaries & Topographic Data: © Land and Property Information (a division of the Department of Finance and Services) 2017

Coordinate System: GDA 1994 MGA Zone 56

Date: 10July 2017

Groundwater Boreholes

131 Princes Highway, Kogarah, NSW 2217



Hydrogeology & Groundwater

131 Princes Highway, Kogarah, NSW 2217

Hydrogeology

Description of aquifers on-site:

Description
Porous, extensive aquifers of low to moderate productivity

Description of aquifers within the dataset buffer:

Description
Porous, extensive aquifers of low to moderate productivity

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

Boreholes within the dataset buffer:

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW108551	10BL601200, 10WA114300	Spear	Private	Domestic		08/02/2007	6.00	6.00					301m	South East
GW024615	10BL019092, 10WA108143	Spear	Private	General Use		01/06/1966	0.00	5.50					361m	South
GW023985	10BL018141, 10WA112939	Spear	Private	General Use		01/02/1966	5.70	5.80					376m	South East
GW111561	10BL600835, 10WA114235	Spear	Private	Domestic		21/01/2007	6.00	6.00					409m	South East
GW107743	10BL165931, 10WA114061	Spear	Private	Domestic		10/01/2006	6.00	6.00					416m	South East
GW107799	10BL600030, 10WA114082	Spear	Private	Domestic		05/11/2006	5.50	5.50					439m	South East
GW107606	10BL165683, 10WA114018	Spear	Private	Domestic		30/10/2005	7.00	7.00					444m	South East
GW107374	10BL163614, 10WA113631	Spear	Private	Domestic		01/10/2005	10.00	10.00					448m	South East
GW107484	10BL164122, 10WA113731	Spear	Private	Domestic		01/01/2004	15.00				0.004		464m	South East
GW111762	10BL164772, 10WA108923	Spear	Private	Domestic	Barry Donald ROGAN	01/05/2005	5.50	5.50		2.00			468m	South East
GW110219	10BL600362, 10WA114142	Spear	Private	Domestic		07/09/2007	6.00	6.00					469m	South East
GW023288	10BL016771	Bore	Private	General Use		01/01/1966	5.10	5.20					471m	South East
GW109559	10BL165436, 10WA113977	Spear	Private	Domestic		27/08/2007	6.00						481m	South East
GW109183	10BL163966, 10WA108810	Bore	Private	Domestic		08/08/2008	8.00			2.00	1.000		486m	South East
GW112523	10WA118033	Spear	Private	Domestic	B&B Drilling	13/05/2013	6.00	6.00		2.00	0.500		500m	South East
GW107373	10BL163703, 10WA113656	Spear	Private	Domestic		05/05/2005	6.00	6.00					506m	South East
GW107911	10BL600212, 10WA114124	Spear	Private	Domestic		04/04/2006	5.50	5.50					508m	South East
GW106954	10BL164740, 10WA113849	Spear	Private	Domestic		11/04/2005	5.00	5.00					512m	South East
GW107297	10BL164705, 10WA113837	Spear	Private	Domestic		20/05/2005	5.00	5.00					513m	South East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW107299	10BL165358, 10WA113967	Spear	Private	Domestic		21/08/2005	5.60	5.60					514m	South East
GW107114	10BL162865, 10WA113501	Spear	Private	Domestic		01/02/2004	5.85	5.85	Good	3.10	1.000		515m	South East
GW110271	10BL600360, 10WA114140	Bore	Private	Domestic		30/08/2007	6.00	6.00					523m	South East
GW108927	10BL602084, 10WA114438	Spear	Private	Domestic		18/06/2008	5.80		Good	1.83	1.000		526m	South East
GW023354	10BL016698, 10WA108124	Bore	Private	General Use		01/11/1965	3.60	3.70	Good				537m	South
GW108416	10BL600771, 10WA114214	Spear	Private	Domestic		10/02/2007	5.00						541m	South East
GW105120	10BL157195, 10WA113122	Bore		Domestic		10/10/1995	3.66	3.66	Good	1.67	0.500		542m	East
GW108600	10BL601401, 10WA114339	Spear	Private	Domestic		13/03/2007	5.80	5.80	Good	5.80	1.000		545m	South East
GW023439	10BL017172, 10WA112870	Spear	Private	General Use		01/01/1966	5.10	5.20	Good				559m	East
GW108999	10BL601079, 10WA114281	Spear	Private	Domestic		09/07/2008	3.05		Good	15.25	0.500		571m	East
GW109123	10BL602315, 10WA114484	Spear	Private	Domestic		28/07/2008	3.05		Good	1.52	0.500		572m	East
GW106112	10BL162841, 10WA113495	Spear	Private	Domestic	B & B Drilling Inc	23/03/2004	4.00	4.00	Good	2.00	0.500		581m	South East
GW111229	10BL600586, 10WA114172	Spear	Private	Domestic		10/10/2006	6.00	6.00					593m	South
GW026323	10BL017516, 10WA112910	Spear	Private	General Use		01/02/1966	3.60	3.70					595m	North East
GW107364	10BL165166, 10WA113930	Spear	Private	Domestic		24/08/2005	5.18	5.19	Hard	3.36	1.000		602m	South East
GW107372	10BL164146, 10WA113737	Spear	Private	Domestic		23/10/2004	5.80	5.80	Good	1.83	1.000		603m	South East
GW107357	10BL164198, 10WA113753	Spear	Private	Domestic		25/08/2005	6.10	6.10	Good	3.50	1.000		607m	South East
GW025551	10BL016962, 10WA112854	Spear	Private	General Use		01/01/1965	2.50						615m	South East
GW106907	10BL164604, 10WA113819	Spear	Private	Domestic	B & B Drilling Inc	01/02/2005	4.00	4.00	Good	2.00	0.500		616m	South East
GW106421	10BL163477, 10WA113589	Bore				01/09/2005							618m	South
GW106882	10BL164469, 10WA113798	Spear	Private	Domestic		28/12/2004	5.00	5.00					619m	South East
GW108777	10BL601436, 10WA114347	Spear	Private	Domestic	B & B Drilling Inc	10/04/2007	6.00	6.00	Good	2.00	0.500		620m	South
GW110865	10BL603570, 10WA114589	Spear	Private	Domestic	B & B Drilling Inc	13/04/2010	4.00	4.00		2.00	0.500		621m	South
GW023495	10BL017314, 10WA112889	Spear	Private	General Use		01/02/1966	5.40	5.50	Good				624m	South
GW105587	10BL162206, 10WA113365	Spear	Private	Domestic	B & B Drilling Inc	17/11/2003	6.00	6.00	Good	3.00	0.500		635m	South East
GW108288	10BL600539, 10WA114162	Spear	Private	Domestic	B & B Drilling Inc	30/10/2006	4.00	4.00		2.00	0.500		636m	South
GW107195	10BL165147, 10WA113927	Spear	Private	Domestic		25/07/2005	3.96	3.97		1.52	1.000		644m	North East
GW107045	10BL162158, 10WA113356	Spear	Private	Domestic	B & B Drilling Inc	31/03/2005	6.00	6.00	Good	2.00	0.500		661m	South East
GW108007	10BL165061, 10WA108948	Spear		Domestic		01/01/2005	5.00						676m	South
GW107859	10BL600081, 10WA114094	Spear	Private	Domestic	B & B Drilling Inc	02/03/2006	7.00	7.00		2.00	0.500		677m	South East
GW106388	10BL163522, 10WA113599	Spear	Private	Domestic	B & B Drilling Inc	22/09/2004	4.00	4.00			0.500		687m	South East
GW107849	10BL600085, 10WA114096	Spear	Private	Domestic	B & B Drilling Inc	02/03/2006	7.00	7.00	Good	2.00	0.500		690m	South East
GW110202	10BL600043, 10WA114087	Spear	Private	Domestic		10/03/2006	6.00	6.00					692m	South East
GW106860	10BL164689, 10WA113831	Spear	Private	Domestic	B & B Drilling Inc	22/03/2005	6.00	6.00	Good	2.00	0.500		693m	South East
GW111925	10WA117313	Bore	Private	Domestic		21/12/2011	8.00	8.00		2.00	0.500		701m	South East
GW109027	10BL602062, 10WA109218	Piezo meter	Private	Domestic	B & B Drilling Inc	11/07/2008	4.00		Good	2.00	0.500		701m	South

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW106956	10BL164734, 10WA113846	Spear	Private	Domestic		13/04/2005	5.49	5.49	Good	2.13	1.000		710m	North East
GW109102	10BL162221, 10WA113367	Spear	Private	Domestic	B & B Drilling Inc	23/07/2008	6.00		Good	2.00	0.500		717m	South East
GW106270	10BL163740, 10WA113668	Spear	Private	Domestic		05/09/2004	5.00	5.00					730m	South
GW105289	10BL160624, 10WA114709	Bore		Industrial, Recreation	B & B Drilling Inc	27/06/2003	5.80	6.50		3.00	0.500		734m	North East
GW101329	10BL158407, 10WA113229	Spear	Private	Domestic	A Korkadis	04/02/1998	4.52	4.57	Good	1.52	1.000		760m	South East
GW107747	10BL165791, 10WA114040	Spear	Private	Domestic		13/05/2001	6.00	6.00					766m	South East
GW111906	10BL602178, 10WA114459	Spear	Private	Domestic		06/12/2007	6.00	6.00		2.00			775m	South
GW108084	10BL165725, 10WA114033	Spear	Private	Domestic		13/05/2006	6.00	6.00					778m	South
GW107184	10BL165139, 10WA113925	Spear	Private	Domestic		08/07/2005	5.00	5.00					796m	South East
GW106984	10BL164221, 10WA113758	Spear	Private	Domestic		06/04/2005	6.00	6.00					798m	South East
GW111285	10BL601350, 10WA114325	Spear	Private	Domestic		01/01/2007	9.00	9.00		5.00	0.500		806m	South East
GW111414	10BL601570, 10WA114377	Spear	Private	Domestic		30/04/2007	6.00	6.00					812m	South East
GW026647	10BL019405	Well	Private	General Use		01/03/1967	10.30	10.40	Hard				830m	North East
GW107506	10BL165440, 10WA113978	Spear	Private	Domestic	B & B Drilling Inc	29/09/2005	4.00	4.00	Good	2.00	0.500		857m	South
GW075059		Bore	NSW Office of Water	Monitoring	McDermott Drilling Pty Ltd	28/05/2001	17.50	17.50				13.28	876m	South East
GW108716	10BL601597, 10WA109192	Spear	Private	Domestic		10/04/2007	5.00	5.00					882m	South
GW109775	10BL165842, 10WA109026	Spear	Private	Domestic		01/01/1990	5.00						887m	South
GW105591	10BL162291, 10WA113395	Bore	Private	Domestic	B & B Drilling Inc	15/11/2003	6.00	6.00	Good		0.500		901m	East
GW107682	10BL165544, 10WA113988	Spear	Private	Domestic	B & B Drilling Inc	05/10/2005	4.00	4.00		2.00	0.500		907m	South East
GW107876	10BL164713, 10WA113841	Bore		Domestic		01/01/2005	6.00						907m	East
GW026651	10BL018304, 10WA112943	Spear	Private	General Use		01/02/1966	3.60	3.70	Fair				910m	North East
GW101056	10BL157359, 10BL160595, 10WA114663	Spear	Local Govt	Recreation	Drilltest Pty Ltd	20/07/1995	6.00	6.00		4.00	5.000		918m	South East
GW110189	10BL602322, 10WA114487	Spear	Private	Domestic		01/04/2008	6.00	6.00					921m	East
GW106881	10BL164470, 10WA113799	Spear	Private	Domestic	B & B Drilling Inc	26/11/2004	6.00	6.00	Good	2.00	0.500		924m	South
GW026648	10BL018303, 10WA112942	Well	Private	General Use		01/01/1958	6.00		Fair				927m	North East
GW024674	10BL018961, 10WA112975	Spear	Private	General Use			6.00						935m	East
GW108050	10BL600315, 10WA114136	Spear	Private	Domestic	B & B Drilling Inc	09/08/2006	4.00	4.00		2.00	0.500		944m	East
GW111497	10BL602544, 10WA114522	Spear	Private	Domestic		25/05/2006	6.00	6.00					958m	East
GW106672	10BL162356, 10WA113413	Spear	Private	Domestic		26/03/2004	5.49	5.49		3.05	1.000		967m	East
GW109657	10BL602647, 10WA114528	Spear	Private	Domestic	B & B Drilling Inc	17/09/2008	7.00	7.00	Good	1.50	0.500		967m	East
GW109131	10BL602269, 10WA114477	Spear	Private	Domestic		29/07/2008	6.00						970m	East
GW108650	10BL600828, 10WA114232	Spear	Private	Domestic	B & B Drilling Inc	09/01/2007	4.00	4.00	Good	2.00	0.500		980m	South
GW109144	10BL165878, 10WA114053	Spear	Private	Domestic		04/08/2008	8.85		Good	2.88	1.000		998m	East
GW108473	10BL601157, 10WA114293	Spear	Private	Domestic		06/02/2007	6.00	6.00					998m	East
GW109273	10BL164909, 10WA113884	Spear	Private	Domestic		27/08/2008	6.00						999m	East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW107423	10BL165063, 10WA113912	Spear	Private	Domestic		08/08/2005	5.80	5.80	Good	2.75	1.000		1002m	East
GW107532	10BL163387, 10WA113572	Spear	Private	Domestic		18/10/2005	5.50	5.50					1003m	South
GW111017	10BL165303, 10WA113954	Spear	Private	Domestic		30/08/2005	6.00	6.00					1012m	East
GW113047	10BL602384, 10WA114501	Spear	Private	Domestic		20/02/2008	6.71	6.71		3.05	1.000		1016m	East
GW073139	10BL151370, 10WA113006	Bore		Domestic		20/04/1995	8.00	8.00					1033m	East
GW017443	10BL008342, 10WA112791	Spear	Private	General Use			6.00	6.10					1034m	East
GW106603	10BL163666, 10WA113644	Spear	Private	Domestic		26/09/2004	6.10	6.10		2.75	1.000		1036m	East
GW105742	10BL162260, 10WA113381	Spear	Private	Domestic	B & B Drilling Inc	25/02/2004	4.00	4.00	Good	2.00	0.500		1040m	South
GW108496	10BL600789, 10WA114222	Spear	Private	Domestic		05/02/2007	6.10	6.10	Good	2.75	1.000		1040m	East
GW106179	10BL163257, 10WA113547	Spear	Private	Domestic	B & B Drilling Inc	06/07/2004	4.50	4.50		2.50	0.500		1043m	East
GW023428	10BL017171	Spear	Private	General Use		01/02/1966	4.80		Good				1048m	East
GW106949	10BL164778, 10WA113858	Spear	Private	Domestic		05/02/2005	5.80	5.80	Good	3.05	1.000		1049m	East
GW106876	10BL164498, 10WA113803	Spear	Private			04/02/2005	6.00	6.00					1049m	East
GW025719	10BL016612, 10WA112830	Spear	Private	General Use			5.40		Brackish				1056m	East
GW111580	10BL163379, 10WA113569	Bore	Private	Domestic		15/08/2011	5.80	5.80	good	2.75	1.000		1057m	East
GW023651	10BL017511, 10WA112905	Spear	Private	General Use			4.40	4.40					1061m	East
GW110206	10BL600363, 10WA114143	Spear	Private	Domestic		18/07/2006	5.80	5.80	Good	2.13	1.000		1061m	South
GW107803	10BL165799, 10WA114045	Spear	Private	Domestic		28/11/2005	6.10	6.10	Good	3.50	1.000		1063m	East
GW106579	10BL163026, 10WA113520	Spear	Private	Domestic		21/09/2004	6.10	6.10		3.05	1.000		1075m	East
GW105472	10BL161957, 10WA113344	Bore		Domestic		12/09/2003	7.00	7.00		4.00	1.000		1077m	East
GW110422	10BL602921, 10WA114560	Spear	Private	Domestic	B & B Drilling Inc	28/02/2009	6.00	6.00	Good	4.00	0.500		1083m	East
GW105460	10BL162147, 10WA113354	Bore		Domestic	B & B Drilling Inc	22/10/2003	4.00	4.50	Good	1.50	0.500		1093m	South East
GW107450	10BL163550, 10WA113608	Spear	Private	Domestic	B & B Drilling Inc	26/08/2005	4.00	4.00	Good	2.00	0.500		1093m	South East
GW107371	10BL164157, 10WA113742	Spear	Private	Domestic		21/06/2005	6.71	6.71	Good	3.66	1.000		1093m	East
GW110652	10BL600729, 10WA114207	Spear	Private	Domestic		23/01/2007	5.49	5.49	Good	5.49	1.000		1098m	South East
GW027055	10BL016741, 10WA112842	Spear	Private	General Use			9.10	9.10					1110m	East
GW107576	10BL164148, 10WA113738	Spear	Private	Domestic		04/11/2004	8.54	8.54	Good	2.45	1.000		1113m	South East
GW108449	10BL601057, 10WA114275	Spear	Private	Domestic		23/01/2007	7.02	7.02	Good	3.60	1.000		1118m	East
GW110167	10BL600252, 10WA114129	Spear	Private	Domestic	B & B Drilling Inc	20/05/2009	6.00	6.00	Good	4.00	0.500		1118m	East
GW107513	10BL165583, 10WA113997	Spear	Private	Domestic	B & B Drilling Inc	08/10/2005	4.00		Good	2.00	0.500		1125m	South East
GW108816	10BL601791, 10WA114416	Spear	Private	Domestic		29/05/2007	8.54	8.54	Good	1.83	1.000		1130m	South East
GW108321	10BL164479, 10WA113800	Spear	Private	Domestic		06/02/2006	5.60	5.60					1131m	South East
GW013930	10BL008712, 10WA112797	Spear	Private	General Use			7.60	7.60					1131m	East
GW109103	10BL162287, 10WA113393	Spear	Private	Domestic	B & B Drilling Inc	23/07/2008	6.00		Good	3.00	0.500		1133m	East
GW110229	10BL165711, 10WA114028	Spear	Private	Domestic		28/10/2005	7.32	7.32	Good	3.96	1.000		1133m	East
GW107020	10BL164921, 10WA113891	Spear	Private	Domestic		01/06/2001	5.00	5.00					1136m	South

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW027570	10BL021054, 10WA114767	(Unknown)	Private	Irrigation		01/07/1967	15.20	15.20					1136m	East
GW108559	10BL601258, 10WA114309	Spear	Private	Domestic	B & B Drilling Inc	13/02/2007	7.00	7.00	Good	5.00	0.500		1140m	East
GW107887	10BL600032, 10WA114083	Spear	Private	Domestic	B & B Drilling Inc	07/02/2006	6.00	6.00		4.00	0.500		1146m	East
GW106811	10BL164560	Bore		Monitoring	Drilltest Pty Ltd	29/11/2004	4.00	4.00	200	1.40			1146m	South West
GW106883	10BL164464, 10WA113796	Spear	Private	Domestic	B & B Drilling Inc	01/12/2004	6.00	6.00	Good	3.00	3.000		1147m	South East
GW106846	10BL164458, 10WA113795	Spear	Private	Domestic		14/12/2004	7.93	7.93	Good	1.83	1.000		1147m	South East
GW104572	10BL160997, 10WA113323	Bore	Private	Domestic		01/01/1980	6.10			3.05			1155m	East
GW107216	10BL164924, 10WA113892	Spear	Private	Domestic	B & B Drilling Inc	01/06/2005	6.00	6.00		3.00	0.500		1155m	South East
GW110727	10BL601279, 10WA114313	Spear	Private	Domestic	B & B Drilling Inc	20/04/2007	6.00	6.00	Good	2.00	0.500		1157m	South East
GW108568	10BL601206, 10WA114301	Spear	Private	Domestic		18/03/2007	7.00	7.00					1167m	East
GW111225	10BL604161, 10WA114605	Spear	Private	Domestic	B&B Drilling	02/09/2010	8.00	8.00	good	2.00	0.500		1171m	South East
GW107192	10BL164531, 10WA113807	Spear	Private	Domestic		11/07/2005	7.32	7.32		4.27	1.000		1171m	East
GW106175	10BL163406, 10WA113577	Spear	Private	Domestic	B & B Drilling Inc	18/06/2004	6.00	6.00		3.00	0.500		1172m	South East
GW111140	10BL165135, 10WA113923	Bore	Private	Domestic		31/07/2005	7.00	7.00					1174m	South East
GW027569	10BL021053, 10BL603143, 10WA114571	Spear	School	Domestic		08/12/2006	8.24	8.24	Good	3.60	1.000		1175m	North East
GW073398		Spear	Private	Domestic		13/08/1995	7.60	7.60	Good				1177m	East
GW109122	10BL602156, 10WA114455	Spear	Private	Domestic	B & B Drilling Inc	25/07/2008	6.00		Good	2.00	0.500		1179m	South East
GW107883	10BL165979, 10WA114073	Spear	Private	Domestic	B & B Drilling Inc	06/02/2006	7.00	7.00		4.00	0.500		1180m	East
GW106780	10BL164312, 10WA113772	Spear	Private	Domestic		06/12/2004	7.32	7.32		3.96	1.000		1180m	East
GW023289	10BL016773, 10WA112844	Spear	Private	General Use		01/11/1965	3.60						1187m	South East
GW107896	10BL600033, 10WA114084	Spear	P.W.D.	Domestic	B & B Drilling Inc	07/02/2006	6.00	6.00		4.00	0.500		1191m	East
GW106461	10BL162271, 10WA113387	Spear	Private	Domestic	B & B Drilling Inc	19/11/2004	6.00	6.00	Good	4.00	0.500		1191m	East
GW112352	10BL602148, 10WA114452	Spear	Private	Domestic		10/02/2008	8.00	8.00		3.00	0.250		1194m	South East
GW106276	10BL163542, 10WA113606	Spear	Private	Domestic		05/09/2004	5.00	5.00					1201m	South East
GW109029	10BL161849, 10WA114715	Spear	Private	Industrial	B & B Drilling Inc	11/07/2008	4.00	4.00	Good	2.00	0.500		1207m	South
GW025539	10BL016547, 10WA112822	Spear	Private	General Use		01/12/1965	4.50	4.60	Good				1209m	South East
GW106084	10BL162816, 10WA113490	Spear	Private	Domestic	B & B Drilling Inc	19/03/2004	6.00	6.00	Good	2.00	0.500		1211m	South East
GW025726	10BL016318, 10WA112807	Spear	Private	General Use		01/01/1957	5.40	5.50	Good				1212m	East
GW110541	10BL603350, 10WA114579	Bore	Private	Domestic		28/09/2009	7.02	7.02	Good	3.66	1.000		1217m	East
GW109665	10BL602659, 10WA114529	Spear	Private	Domestic	B & B Drilling Inc	09/09/2008	6.00	6.00	Good		0.500		1218m	East
GW108563	10BL601311, 10WA114315	Spear	Private	Domestic		12/02/2007	8.23	8.23	Good	1.83	1.000		1218m	South East
GW107595	10BL165646, 10WA114009	Spear	Private	Domestic		29/10/2005	5.49	5.49	Good	2.75	1.000		1223m	South East
GW107622	10BL165720, 10WA114031	Spear	Private	Domestic		17/11/2005	7.01	7.02	Good	3.96	1.000		1229m	South East
GW108743	10BL601454, 10WA114355	Spear	Private	Domestic		28/03/2007	7.32	7.32	Good	3.66	1.000		1229m	South East
GW111295	10BL601463, 10WA114358	Spear	Private	Domestic		01/01/2007	9.00	9.00		4.00	0.500		1233m	South East
GW110442	10BL602818, 10WA114542	Spear	Private	Domestic	B & B Drilling Inc	28/04/2009	6.00	6.00	Good	4.00	0.500		1235m	East

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GW100679	10BL157776, 10WA113177	Spear	Private	Domestic		22/10/1996	4.58	4.58	Good	1.67	1.000		1235m	South East
GW023485	10BL017639, 10WA112920	Spear	Private	General Use		01/01/1966	6.70	6.70					1236m	East
GW023837	10BL017311, 10WA112887	Spear	Private	General Use		01/01/1966	5.10	5.20	Good				1240m	East
GW108915	10BL601726, 10WA114408	Spear	Private	Domestic	B & B Drilling Inc	12/06/2008	6.00		Good	3.00	0.500		1241m	East
GW110223	10BL603058	Bore	Private	Monitoring	Macquarie Drilling	06/05/2009	5.00	5.00		2.10			1244m	South West
GW110226	10BL603058	Bore	Private	Monitoring	Macquarie Drilling	06/05/2009	4.00	4.00		1.50			1247m	South West
GW110225	10BL603058	Bore	Private	Monitoring	Macquarie Drilling	06/05/2009	4.00	4.00		1.80			1252m	South West
GW105158	10BL162173, 10BL163150	Bore	Private	Domestic, Industrial		21/10/2003	4.58	4.58		1.83	1.000		1252m	North East
GW100564	10BL158043, 10WA113195	Spear	Private	Domestic	Rosario Fedele	09/05/1997	10.00	10.00					1252m	South East
GW108937	10BL601875, 10WA114419	Spear	Private	Domestic		19/06/2008	7.32		Good	3.96	1.000		1255m	East
GW110224	10BL603058	Bore	Private	Monitoring	Macquarie Drilling	06/05/2009	4.00	4.00		1.80			1259m	South West
GW108402	10BL600687, 10WA114195	Spear	Private	Domestic		15/11/2006	8.54	8.54	Good	3.36	1.000		1259m	South East
GW108796	10BL601758, 10WA114412	Spear	Private	Domestic		04/06/2007	7.63	7.63	Good	4.27	1.000		1265m	East
GW107775	10BL165999, 10WA114077	Spear	Private	Domestic		28/01/2006	6.71	6.71	Good	3.05	1.000		1265m	South East
GW110097	10BL163711, 10WA113658	Spear	Private	Domestic		18/09/2004	6.71	6.71	Good	3.05	1.000		1270m	East
GW023257	10BL016739	Spear	Private	Irrigation		01/11/1965	5.40	5.50	Good				1270m	East
GW110323	10BL600231, 10WA114126	Spear	Private	Domestic		04/04/2006	9.15	9.15		2.35	1.000		1272m	South East
GW106379	10BL163860, 10WA113694	Spear	Private	Domestic	B & B Drilling Inc	18/08/2004	6.00	6.00	Good	4.00	0.500		1273m	East
GW111037	10BL601593, 10WA114383	Spear	Private	Domestic		30/05/2009	6.00	6.00					1276m	East
GW107684	10BL164403, 10WA113789	Spear	Private	Domestic	B & B Drilling Inc	28/11/2005	6.00	6.00	Good	4.00	0.500		1278m	East
GW109935	10BL602760, 10WA114533	Spear	Private	Domestic		27/11/2008	7.63	7.63	Good	3.66	1.000		1282m	South East
GW109256	10BL602441, 10BL602505, 10WA109529	Bore	Private	Industrial, Recreation	Intertec Drilling Services	21/08/2008	36.00	36.00	970	6.50	3.500		1284m	South West
GW107590	10BL165662, 10WA114013	Spear	Private	Domestic	B & B Drilling Inc	26/10/2005	4.00	4.00	Good	2.00	0.500		1284m	South East
GW106618	10BL162392, 10WA113421	Spear	Private	Domestic		01/01/1985	6.00	6.00					1284m	East
GW106185	10BL163494, 10WA113596	Bore				04/07/2005							1289m	East
GW101826	10BL157440, 10WA113155	Bore		Domestic		27/11/1995	6.10	6.10	Good	3.66	0.800		1292m	East
GW110418	10BL602956, 10WA114562	Spear	Private	Domestic	B & B Drilling Inc	04/03/2009	6.00	6.00	Good	4.00	0.500		1294m	South East
GW107349	10BL165064, 10WA113913	Spear	Private	Domestic		02/09/2005	7.32	7.32	Good	3.96	1.000		1295m	East
GW107973	10BL600198, 10WA114123	Spear	Private	Domestic		20/04/2007	7.00	7.00					1298m	East
GW101025	10BL157001, 10WA113097	Spear	Private	Domestic		17/09/1995	5.00	5.00					1308m	South East
GW101214	10BL158279, 10WA113216	Spear	Private	Domestic	A Korkadis	02/12/1997	7.01	7.01	Good		1.000		1310m	East
GW024373	10BL018578, 10WA112958	Spear	Private	General Use		01/08/1966	5.10	5.20	Good				1311m	South East
GW107722	10BL162466, 10WA113432	Spear	Private	Domestic		18/01/2004	6.71	6.71	Good	3.05	1.000		1312m	South East
GW107344	10BL165389, 10WA113970	Spear	Private	Domestic	B & B Drilling Inc	08/08/2005	4.00	4.00	Good	2.00	0.500		1317m	North East
GW105589	10BL162249, 10WA113380	Spear	Private	Domestic	B & B Drilling Inc	03/11/2003	4.00	4.00	Good	1.00	0.500		1317m	South East
GW100473	10BL157884, 10WA113184	Spear	Private	Domestic	A Korkadis	25/03/1997	6.71	6.71	Good		1.000		1321m	East

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GW105153	10BL157074, 10WA113109	Bore	Private	Domestic		13/09/1995	5.49	5.49	Good	5.49	1.000		1322m	North East
GW026388	10BL018052, 10WA112937	Spear	Private	General Use		01/03/1966	4.20	4.30					1325m	South East
GW107531	10BL163207, 10WA114719	Bore		Industrial	B & B Drilling Inc	19/10/2005	14.00	14.00	Good	2.00	2.000		1326m	North East
GW106767	10BL162331, 10WA113405	Spear	Private	Domestic		28/12/2004	6.00	6.00					1327m	South East
GW107148	10BL164995, 10WA113902	Spear	Private	Domestic		25/05/2005	5.80	5.80		1.52	1.000		1330m	North East
GW109267	10BL164768, 10WA113856	Bore	Private	Domestic		26/08/2008	8.00			2.00	2.500		1338m	South East
GW106563	10BL164243, 10WA113763	Spear	Private	Domestic		15/11/2004	6.71	6.71		3.66	1.000		1340m	East
GW106360	10BL164059, 10WA113721	Bore				22/08/2005							1341m	East
GW109268	10BL164861, 10WA113875	Spear	Private	Domestic		26/08/2008	6.50						1342m	East
GW106208	10BL163034, 10WA113521	Spear	Private	Domestic		01/07/2004	7.01	7.02	Good	3.96	1.000		1343m	East
GW113045	10BL602385, 10WA114502	Spear	Private	Domestic		01/01/2008	8.00	8.00	Salty	7.00	0.500		1344m	East
GW101137	10BL158207, 10WA113204	Spear	Private	Domestic		02/01/1998	6.70	6.71	Good	3.96	0.750		1346m	North East
GW108353	10BL165950	Bore	Private	Monitoring	Drilltest Pty Ltd	16/12/2005	4.50	4.50		4.33			1349m	South West
GW023134	10BL016772, 10WA112843	Spear	Private	General Use		01/12/1965	5.30	5.30	Good				1351m	South East
GW108350	10BL165950	Bore		Monitoring	Drilltest Pty Ltd	16/12/2005	4.00	4.00		1.00			1352m	South West
GW106986	10BL163124, 10WA113528	Spear	Private	Domestic		04/06/2004	7.01	7.02	Good	3.96	1.000		1352m	East
GW025711	10BL016418, 10WA112813	Spear	Private	General Use		01/01/1959	4.80	4.90	Very Good				1353m	South East
GW106946	10BL164802, 10WA113862	Spear	Private	Domestic		06/04/2005	6.00	6.00					1355m	East
GW106431	10BL163472, 10WA113587	Spear	Private	Domestic		24/08/2004	7.63	7.63		4.58	1.000		1355m	South East
GW108715	10BL601603, 10WA114386	Spear	Private	Domestic		30/04/2007	7.93	7.93	Good	61.21	1.000		1358m	South East
GW107105	10BL163404, 10WA113576	Spear	Private	Domestic		21/06/2004	7.26	7.26	Good	3.96	1.000		1361m	East
GW108982	10BL602092, 10WA114440	Spear	Private	Domestic	B & B Drilling Inc	30/06/2008	6.00		Good	4.00	0.500		1361m	East
GW016836	10BL007727, 10WA108080	Bore	Private	General Use		01/01/1958	6.40	6.40					1364m	South West
GW111713	10BL603088, 10WA114568	Spear	Private	Domestic		28/05/2009	7.93	7.93	good	4.27	1.000		1366m	East
GW025565	10BL016297, 10WA112805	(Unknown)	Private	General Use		01/11/1965	5.40	5.50					1367m	East
GW108574	10BL601420, 10WA114344	Spear	Private	Domestic		10/03/2007	6.10	6.10	Good	2.75	1.000		1368m	South East
GW108300	10BL600645, 10WA114188	Spear	Private	Domestic		30/10/2006	7.32	7.32		3.96	1.000		1370m	East
GW107662	10BL165792, 10WA114041	Spear	Private	Domestic	B & B Drilling Inc	08/12/2005	6.00	6.00	Good	4.00	0.500		1370m	East
GW108590	10BL601169, 10WA109155	Spear	Private	Domestic		13/03/2007	3.96	3.97	Good	2.13	5.000		1372m	North East
GW107669	10BL164346, 10WA113778	Spear	Private	Domestic	B & B Drilling Inc	24/11/2005	6.00	6.00	Good	4.00	0.500		1380m	South East
GW111172	10BL165178, 10WA113931	Bore	Private	Domestic		01/01/2005	10.00	10.00					1381m	East
GW108352	10BL165950	Bore		Monitoring	Drilltest Pty Ltd	16/12/2005	4.00	4.00		3.13			1382m	South West
GW024675	10BL018993, 10WA112978	Spear	Private	General Use		01/09/1966	5.40						1389m	South East
GW108222	10BL600378, 10WA114144	Spear	Private	Domestic	B & B Drilling Inc	14/07/2006	6.00	6.00		2.00	0.500		1389m	South East
GW108351	10BL165950	Bore		Monitoring	Drilltest Pty Ltd	16/12/2005	4.00	4.00		1.88			1389m	South West
GW106422	10BL163475, 10WA113588	Bore				01/09/2005							1393m	South East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW107731	10BL164566, 10WA113813	Spear	Private	Domestic	B & B Drilling Inc	10/01/2006	7.00	7.00	Good	5.00	0.500		1394m	East
GW107846	10BL164799, 10WA113861	Spear	Private	Domestic	B & B Drilling Inc	13/02/2006	6.00	6.00	Good	4.00	0.500		1395m	South
GW110842	10BL164519, 10WA113805	Spear	Private	Domestic		24/02/2005	8.54	8.54	Good	2.13	1.000		1398m	South East
GW109419	10BL602238, 10WA114469	Spear	Private	Domestic		14/10/2008	7.93		Good	4.27	1.000		1398m	East
GW107889	10BL600004, 10WA114079	Spear	Private	Domestic	B & B Drilling Inc	03/02/2006	6.00	6.00		4.00	0.500		1402m	South East
GW023492	10BL017312, 10WA112888	Spear	Private	General Use		01/02/1966	5.10	5.20	Good				1402m	East
GW111769	10BL165079, 10WA113919	Spear	Private	Domestic		01/08/2005	7.60	7.60	good	4.58	1.000		1403m	East
GW101871	10BL157462, 10WA113159	Bore		Domestic		29/01/1996	5.80	5.80	Good	1.83	1.000		1403m	South East
GW106206	10BL163318, 10WA113559	Spear	Private	Domestic		11/08/2004	5.18	5.19		2.13	1.000		1404m	North East
GW106375	10BL163871, 10WA113698	Spear	Private	Domestic	B & B Drilling Inc	17/08/2004	6.00	6.00	Good	3.00	0.500		1409m	South East
GW100520	10BL157638, 10WA114655	Spear	Private	Recreation		01/07/1966	7.00	7.00					1415m	South East
GW023583	10BL017517, 10WA112911	Spear	Private	General Use			8.20	8.20	Potable				1418m	North East
GW025816	10BL017189, 10WA112871	Spear	Private	General Use		01/12/1965	6.00	6.10	Good				1418m	East
GW101224	10BL158320, 10WA113221	Spear	Private	Domestic	A Korkadis	06/12/1997	7.62	7.62	Good	4.27	1.000		1418m	South East
GW108887	10BL163346, 10WA113563	Spear	Private	Domestic	B & B Drilling Inc	30/05/2008	8.00		Good	6.00	0.500		1419m	East
GW110228	10BL600354, 10WA114139	Spear	Private	Domestic		14/05/2006	8.85	8.85	Good	2.13	1.000		1419m	South East
GW111899	10BL602081, 10WA114436	Spear	Private	Domestic		01/01/2007	6.00	6.00		4.00	0.580		1422m	South East
GW108633	10BL163478, 10WA113590	Spear	Private	Domestic		06/11/2004	7.32	7.32	Good	4.27	1.000		1427m	East
GW106832	10BL164793, 10WA113860	Spear	Private	Domestic		29/03/2005	5.80	5.80		3.66	1.000		1428m	South East
GW106224	10BL163619, 10WA113633	Spear	Private	Domestic	B & B Drilling Inc	13/08/2004	6.00	6.00	Good	4.20	0.500		1431m	East
GW072795		Spear	Private	Domestic		21/01/1995	8.40	8.40	Good				1434m	East
GW109945	10BL601825, 10WA114417	Spear	Private	Domestic	B & B Drilling Inc	22/12/2008	7.50	7.50	Good	4.00	0.500		1434m	East
GW024063	10BL017085, 10WA112864	Spear	Private			01/01/1940	6.40						1440m	East
GW107493	10BL165555, 10WA113991	Spear	Private	Domestic		08/10/2005	7.32	7.32	Good	4.27	1.000		1442m	East
GW107890	10BL165994, 10WA114075	Spear	Private	Domestic	B & B Drilling Inc	11/02/2006	5.00	5.00		2.00	0.500		1443m	North East
GW106456	10BL162228, 10WA113370	Spear	Private	Domestic	B & B Drilling Inc	01/01/1995	6.00	6.00					1445m	South East
GW101814	10BL157322, 10WA113140	Bore		Domestic		30/11/1995	5.00	5.00					1449m	South East
GW107661	10BL165787, 10WA114039	Spear	Private	Domestic	B & B Drilling Inc	16/11/2005	7.00	7.00	Good	5.00	0.500		1450m	South East
GW100664	10BL157648, 10WA113171	Spear	Private	Domestic		20/05/1996	5.80	5.80	Good	2.29	1.000		1452m	South East
GW107542	10BL165724, 10WA114032	Spear	Private	Domestic		11/11/2005	7.32	7.32	Good	4.37	1.000		1454m	East
GW023304	10BL016695, 10WA112837	Spear	Private	General Use		01/11/1965	4.20	4.30	Good				1455m	North East
GW110446	10BL602817, 10WA114541	Spear	Private	Domestic	B & B Drilling Inc	02/03/2009	6.00	6.00	Good	2.50	0.500		1455m	South East
GW110855	10BL603463, 10WA114583	Spear	Private	Domestic		04/04/2010	9.21	9.22		5.70	1.000		1457m	East
GW108404	10BL600697, 10WA114199	Spear	Private	Domestic		01/12/2006	7.63	7.63	Good	1.52	1.000		1459m	North East
GW106054	10BL162544, 10WA113444	Spear	Private	Domestic		10/03/2004	6.10	6.10		1.52	1.000		1459m	South East
GW107735	10BL165892, 10WA114055	Spear	Private	Domestic	B & B Drilling Inc	09/01/2006	7.00	7.00	Good	5.00	0.500		1460m	South East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW109137	10BL602234, 10WA114467	Spear	Private	Domestic		04/08/2008	6.00						1464m	South East
GW113090	10BL602013, 10WA114431	Spear	Private	Domestic		02/12/2007	8.54	7.32	Good	4.50	1.000		1466m	East
GW108550	10BL601193, 10WA114297	Spear	Private	Domestic	B & B Drilling Inc	19/02/2007	7.00	7.00	Good	5.00	0.500		1470m	South East
GW111443	10BL600798, 10WA114225	Spear	Private	Domestic		12/02/2007	9.15	9.15	good	9.15	1.000		1472m	East
GW109934	10BL602846, 10WA114545	Bore	Private	Domestic	B & B Drilling Inc	18/12/2008	6.00	6.00	Good	3.00	0.500		1473m	North East
GW026485	10BL019150, 10WA112981	Spear	Private	General Use		01/12/1965	5.30						1473m	South East
GW110691	10BL601163	Spear	Private	Domestic		23/02/2007	8.54	8.54	Good	5.18	1.000		1476m	East
GW101815	10BL157323, 10WA113141	Bore		Domestic		24/11/1995	5.50	5.50					1476m	South East
GW111666	10WA117351	Spear	Private	Domestic		16/01/2012	7.63	7.63	good	4.58	1.000		1479m	East
GW108549	10BL601197, 10WA114299	Spear	Private	Domestic	B & B Drilling Inc	19/02/2007	7.00	7.00	Good	5.00	0.500		1480m	South East
GW107298	10BL165094, 10WA113922	Spear	Private	Domestic		26/08/2005	6.00	6.00					1481m	South East
GW110868	10BL603653, 10WA114594	Spear	Private	Domestic	B & B Drilling Inc	14/04/2010	6.00	6.00	Good	2.00	0.500		1481m	North East
GW109095	10BL162272, 10WA113388	Spear	Private	Domestic	B & B Drilling Inc	22/07/2008	7.00		Good	5.00	0.500		1481m	South East
GW111782	10BL600979, 10WA114255	Spear	Private	Domestic		01/01/2006	8.00	8.00		2.50	1.000		1482m	East
GW072299		Spear	Private	Domestic		05/12/1994	8.40	8.40	Good				1486m	South East
GW106371	10BL163791, 10WA113683	Spear	Private	Domestic	B & B Drilling Inc	14/09/2004	5.00	5.00		2.00	0.500		1486m	South East
GW106587	10BL163532, 10WA113602	Spear	Private	Domestic	B & B Drilling Inc	11/10/2004	4.00	4.00	Good	2.00	0.500		1487m	North East
GW106474	10BL164120, 10WA113730	Spear	Private	Domestic		18/10/2004	7.63	7.63	Good	4.57	1.000		1488m	East
GW023613	10BL017317, 10WA112891	Spear	Private	General Use		01/03/1966	6.40	6.40					1489m	South East
GW102271	10BL159158, 10WA113279	Spear	Private	Domestic		24/04/1999	8.00	8.00					1489m	East
GW107695	10BL165292, 10WA113949	Spear	Private	Domestic		20/08/2005	7.50	7.50					1491m	South East
GW107166	10BL165186, 10WA113933	Spear	Private	Domestic	B & B Drilling Inc	14/06/2005	4.00	4.00	Good	2.00	0.500		1492m	North East
GW107540	10BL164093, 10WA113727	Spear	Private	Domestic		30/10/2005	7.00	7.00					1494m	North East
GW106975	10BL163580, 10WA113617	Spear	Private	Domestic	B & B Drilling Inc	02/02/2005	4.00	4.00	Good	2.00	0.500		1494m	North East
GW023427	10BL017149, 10WA112867	Spear	Private	General Use		01/02/1966	5.40	5.50					1495m	South East
GW106413	10BL163252, 10WA113546	Spear	Private	Domestic		28/08/2004	6.10	6.10		3.50	1.000		1498m	South East
GW108652	10BL601192, 10WA114296	Spear	Private	Domestic	B & B Drilling Inc	06/02/2007	7.00	7.00		5.00	0.500		1499m	South East
GW107314	10BL165075, 10WA113917	Spear	Private	Domestic		26/06/2005	8.23	8.24	Good	4.88	1.000		1503m	South East
GW023838	10BL017423, 10WA112896	Spear	Private	General Use		01/01/1966	4.80	4.90	Good				1504m	East
GW108006	10BL165059, 10WA113910	Spear	Private	Domestic		22/08/2005	3.96	3.97		1.22	1.000		1504m	North East
GW105684	10BL162560, 10WA113448	Spear	Private	Domestic		02/03/2004	9.00	9.00		5.95	1.000		1505m	East
GW105728	10BL162278, 10WA113390	Bore	Private	Domestic	B & B Drilling Inc	17/02/2004	6.00	6.00	Good	3.00	0.500		1505m	South East
GW107051	10BL164886, 10WA113879	Spear	Private	Domestic	B & B Drilling Inc	25/03/2005	7.00	7.00	Good	3.00	0.500		1507m	South East
GW109314	10BL602492, 10WA114519	Spear	Private	Domestic		09/09/2008	9.15		Good	5.80	1.000		1512m	East
GW109121	10BL602117, 10WA114443	Spear	Private	Domestic		25/07/2008	5.80		Good	1.52	1.000		1516m	North East
GW106415	10BL163168, 10WA113534	Spear	Private	Domestic		28/08/2004	6.10	6.10		3.50	1.000		1519m	South East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW106104	10BL162597, 10WA113456	Bore	Private	Domestic		05/01/2004	7.00	7.00					1522m	South East
GW023477	10BL017654, 10WA112925	Spear	Private	General Use		01/02/1966	6.40	6.40	Good				1523m	North East
GW111558	10BL600777, 10WA114216	Spear	Private	Domestic		31/01/2007	6.00	6.00					1523m	North East
GW105516	10BL162114, 10WA113350	Bore		Domestic		20/10/2003	8.24	8.24		5.18	1.000		1530m	South East
GW106251	10BL163420, 10WA113579	Bore		Domestic		19/07/2005	7.00						1531m	South East
GW111237	10BL604283, 10WA114608	Spear	Private	Domestic	B&B Drilling	01/01/1995	6.00	6.00	good	3.00	0.500		1531m	South East
GW110898	10BL603948, 10WA114600	Spear	Private	Domestic		22/05/2010	8.45	8.45	good	5.49	1.000		1535m	East
GW106053	10BL162467, 10WA113433	Spear	Private	Domestic		07/06/2004	6.10	6.10		3.09	1.000		1536m	South East
GW113044	10BL602243, 10WA114471	Spear	Private	Domestic		02/08/2007	7.32	7.32	Good	2.74	1.000		1537m	South East
GW107744	10BL165926, 10WA114059	Spear	Private	Domestic	B & B Drilling Inc	06/01/2006	4.00	4.00	Good	2.00	0.500		1538m	North East
GW110272	10BL165705, 10WA114026	Spear	Private	Domestic		30/10/2005	7.02	7.02	Good	3.96	1.000		1539m	North East
GW110274	10BL165739, 10WA114036	Bore	Private	Domestic	B & B Drilling Inc	01/01/2006	3.00			1.70			1539m	North East
GW109094	10BL162230, 10WA113371	Spear	Private	Domestic	B & B Drilling Inc	22/07/2008	7.00		Good	5.00	0.500		1539m	South East
GW106128	10BL162245, 10WA113377	Spear	Private	Domestic	B & B Drilling Inc	22/03/2004	7.00	7.00	Good	5.00	0.500		1539m	East
GW025703	10BL016459, 10WA112821	Spear	Private	Domestic		01/11/1957	6.00	6.10					1540m	South East
GW103229	10BL157357, 10WA113149	Bore		Domestic	BD Rogan	09/08/1995	6.00	6.00					1540m	South East
GW111123	10BL601549, 10WA114371	Spear	Private	Domestic		01/01/2007	8.00	8.00		2.00	2.500		1543m	South East
GW108623	10BL600077, 10WA114093	Spear	Private	Domestic	B & B Drilling Inc	07/04/2006	6.00	6.00	Good	2.00	0.500		1543m	North East
GW111704	10BL603038, 10WA114566	Spear	Private	Domestic		09/05/2009	6.71	6.71	good	3.50	1.000		1544m	South East
GW105588	10BL162243, 10WA113376	Spear	Private	Domestic	B & B Drilling Inc	01/11/2003	4.00	4.00	Good	2.10	0.500		1546m	North East
GW109152	10BL600145	Bore	Private	Test Bore	Highland Drilling Pty Ltd	05/08/2008	204.00	204.00	7.03	4.00	2.000		1547m	South
GW109045	10BL601662, 10WA114402	Spear	Private	Domestic		15/07/2008	7.93		Good	4.27	1.000		1548m	North East
GW111020	10BL601211, 10WA114302	Spear	Private	Domestic		01/01/2007	4.00	4.00					1550m	South East
GW106092	10BL162895, 10WA113506	Spear	Private	Domestic		05/04/2004	4.58	4.58		2.13	1.000		1551m	South East
GW024352	10BL018507, 10WA112952	Spear	Private	General Use		01/12/1965	5.60	5.60	Good				1553m	South East
GW106007	10BL163131, 10WA113530	Spear	Private	Domestic	B & B Drilling Inc	16/06/2004	7.00	7.00	Good	5.00	0.500		1554m	South East
GW106889	10BL164401, 10WA113788	Spear	Private	Domestic		29/12/2005	7.93	7.93	Good	1.88	1.000		1556m	East
GW108584	10BL600833, 10WA114233	Spear	Private	Domestic		23/01/2007	5.80	5.80	Good	2.44	1.000		1558m	East
GW106167	10BL163780, 10WA113676	Spear	Private	Domestic		28/05/2004	6.00	6.00					1564m	North East
GW107026	10BL163215, 10WA113540	Spear	Private	Domestic		01/03/2005	9.76	9.76	Good	6.10	1.000		1566m	East
GW111227	10BL604151, 10WA114604	Spear	Private	Domestic		30/08/2010	8.54	8.54	good	4.80	1.000		1566m	East
GW107857	10BL600084, 10WA114095	Spear	Private	Domestic	B & B Drilling Inc	10/03/2006	7.00	7.00		5.00	0.500		1570m	North East
GW107505	10BL165443, 10WA113979	Spear	Private	Domestic	B & B Drilling Inc	03/10/2005	5.00	5.00	Good	3.00	0.500		1570m	South East
GW102226	10BL159118, 10WA113277	Spear	Private	Domestic		27/03/1999	7.63	7.63	Good	4.88	1.000		1572m	East
GW013657	10BL009135, 10WA112801	Spear	Private	General Use			7.60	7.60					1573m	East
GW105975	10BL163247, 10WA113543	Spear	Private	Domestic		08/06/2004	8.23	8.24		5.18	1.000		1578m	East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW112342	10BL165795, 10WA114043	Spear	Private	Domestic		29/11/2005	9.15	9.15		5.19	1.000		1579m	East
GW105761	10BL162540, 10WA113442	Spear	Private	Domestic	B & B Drilling Inc	06/01/2004	7.00	7.00	Good	5.00	0.500		1581m	South East
GW106963	10BL164629, 10WA113823	Spear	Private	Domestic		01/02/2003	6.00	6.00					1586m	South East
GW107650	10BL165687, 10WA114021	Spear	Private	Domestic	B & B Drilling Inc	15/11/2005	4.00	4.00	Good	2.00	0.500		1588m	North East
GW101328	10BL158406, 10WA113228	Spear	Private	Domestic	A Korkadis	02/02/1998	7.62	7.62	Good	5.18	1.000		1593m	East
GW106280	10BL163338, 10WA113562	Spear	Private	Domestic		19/06/2004	6.41	6.41		3.36	1.000		1595m	South East
GW023423	10BL017148, 10BL162266, 10WA113384	Spear	Private	Domestic		01/02/1966	4.50	4.60	Good				1598m	North East
GW109645	10BL602446, 10WA114513	Spear	Private	Domestic		12/05/2008	8.54	8.54	Good	5.18	1.000		1599m	East
GW109942	10BL601034, 10WA114268	Spear	Private	Domestic		31/01/2009	6.71	6.71	Good	3.50	1.000		1601m	South East
GW109015	10BL600717, 10WA109111	Spear	Private	Domestic		10/07/2008	6.10		Good	4.97	0.500		1603m	North East
GW105487	10BL162474, 10WA108620	Bore		Domestic	Self Drilled	01/01/1994	3.10			600.00			1603m	South West
GW107118	10BL164853, 10WA113872	Spear	Private	Domestic		28/05/2005	6.00	6.00					1604m	South East
GW016108	10BL008343, 10WA112792	Spear	Private	General Use			7.60	7.60					1605m	East
GW111613	10BL163692, 10WA113652	Spear	Private	Domestic	B&B Drilling	06/10/2004	6.00	6.00	good	3.00	0.500		1607m	South East
GW111590	10BL600750, 10WA114212	Spear	Private	Domestic		01/01/2006	7.00	7.00					1608m	East
GW107236	10BL165210, 10WA113936	Bore		Domestic		13/08/1995	8.00			5.00	60.000		1611m	East
GW025558	10BL016296, 10WA112804	Bore	Private	General Use		01/01/1938	5.90	5.90					1616m	South East
GW107156	10BL164854, 10WA113873	Bore				30/05/2006							1616m	South East
GW026464	10BL019292, 10WA112982	Spear	Private	General Use			5.10						1619m	North East
GW023451	10BL017145, 10WA112866	Spear	Private	General Use			2.80						1619m	North East
GW106387	10BL163564, 10WA113612	Spear	Private	Domestic		05/09/2004	7.32	7.32		4.27	1.000		1621m	South East
GW108696	10BL601482, 10WA114361	Spear	Private	Domestic	B & B Drilling Inc	11/05/2007	7.00	7.00	Good	5.00	0.500		1621m	South East
GW115044	10WA119107	Spear	Private	Domestic	B&B Drilling	16/02/2015	6.00	6.00		3.00	0.500		1622m	South East
GW107207	10BL164644, 10WA113826	Spear	Private	Domestic	B & B Drilling Inc	24/05/2005	4.00	4.00			0.500		1626m	North East
GW106957	10BL164731, 10WA113845	Spear	Private	Domestic		06/04/2005	7.32	7.32		2.44	1.000		1627m	South East
GW108733	10BL601453, 10WA114354	Spear	Private	Domestic	B & B Drilling Inc	20/04/2007	6.00	6.00	Good	4.00	0.500		1627m	South East
GW108535	10BL601008, 10WA114262	Spear	Private	Domestic	B & B Drilling Inc	15/01/2007	7.00		Good	4.00	0.500		1628m	South East
GW106851	10BL164416, 10WA113790	Spear	Private	Domestic		01/12/2004	3.50	3.50					1629m	East
GW101638	10BL157837, 10WA113182	Bore		Domestic		19/12/1996	7.63	7.63	Good				1631m	East
GW107177	10BL163057, 10WA113522	Spear	Private	Domestic		24/06/2004	7.63	7.63		4.58	1.000		1634m	South East
GW108533	10BL600959, 10WA114250	Spear	Private	Domestic	B & B Drilling Inc	17/01/2007	6.00	6.00		4.00	0.500		1636m	South East
GW109666	10BL602665, 10WA114530	Spear	Private	Domestic		09/09/2008	10.68	10.68	Good	6.10	1.000		1638m	East
GW023310	10BL016882, 10WA112850	Bore	Private	General Use		01/01/1966	3.60	3.70					1642m	East
GW108298	10BL600632, 10WA114183	Spear	Private	Domestic		20/10/2006	6.00						1646m	North East
GW111467	10BL604409, 10WA114614	Spear	Private	Domestic	B&B Drilling	22/12/2010	6.00	6.00		2.00	0.500		1646m	South East
GW107552	10BL164240, 10WA113762	Spear	Private	Domestic		27/10/2004	9.15	9.15	Good	5.80	1.000		1646m	East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW110845	10BL601174, 10WA114294	Spear	Private	Domestic		06/11/2006	8.54	8.54	Good	5.49	1.000		1647m	East
GW108266	10BL600706, 10WA114201	Spear	Private	Domestic	B & B Drilling Inc	08/11/2006	6.00	6.00		3.00	0.500		1647m	South East
GW108529	10BL600891, 10WA114239	Spear	Private	Domestic	B & B Drilling Inc	15/01/2007	6.00	6.00	Good	4.00	0.500		1648m	South East
GW108993	10BL602085, 10WA114439	Spear	Private	Domestic		08/07/2008	7.93		Good	3.96	1.000		1651m	North East
GW107599	10BL165628, 10WA114006	Spear	Private	Domestic		30/10/2005	6.00	6.00					1655m	South East
GW105517	10BL162103, 10WA113348	Bore		Domestic		03/11/2003	3.97	3.97		1.22	1.000		1655m	North East
GW105310	10BL163296, 10WA113554	Bore		Domestic	B & B Drilling Inc	07/07/2004	4.00	4.00	Good	2.00	0.500		1659m	South East
GW111149	10BL601733, 10WA114410	Spear	Private	Domestic		31/05/2007	7.00	7.00					1661m	North East
GW064827		Bore	Private	Domestic		01/11/1991	7.80						1662m	North East
GW024371	10BL018577, 10WA112957	Spear	Private	General Use		01/08/1966	4.20	4.30	Good				1663m	South East
GW023573	10BL017669, 10WA112927	Spear	Private	General Use		01/03/1966	4.80	4.90	Good				1666m	South East
GW023995	10BL017418, 10WA112895	Spear	Private	General Use		01/11/1965	5.70	5.80	Good				1667m	South East
GW024375	10BL018433, 10WA112946	Spear	Private	Domestic		01/01/1966	3.60	3.70	Fair				1670m	South East
GW100025	10BL156607, 10BL165340, 10WA113963	Spear	Private	Domestic	BD Rogan	01/08/1995	6.00	6.00					1678m	East
GW104637	10BL161203, 10WA113330	Bore	Private	Domestic		12/12/2002	7.32	7.32		4.22	1.000		1681m	South East
GW024669	10BL018797, 10WA112966	Spear	Private	General Use		01/04/1966	4.50	4.60					1681m	South East
GW107861	10BL600064, 10WA114089	Spear	Private	Domestic		21/03/2006	6.00	6.00					1683m	South East
GW111439	10BL600922, 10WA114245	Spear	Private	Domestic		06/02/2007	7.32	7.32	good	4.58	1.000		1684m	South East
GW107891	10BL600003, 10WA114078	Spear	Private	Domestic	B & B Drilling Inc	08/02/2006	7.00	7.00		5.00	0.500		1685m	South East
GW105680	10BL162605, 10WA113457	Spear	Private	Domestic		25/01/2004	6.41	6.41		3.36	1.000		1687m	South East
GW105880	10BL162677, 10WA113471	Bore				09/05/2005							1689m	East
GW108495	10BL600787, 10WA114220	Spear	Private	Domestic		15/02/2007	9.46	9.46	Good	5.49	1.000		1694m	East
GW107269	10BL163982, 10WA113713	Spear	Private	Domestic	B & B Drilling Inc	16/12/2004	7.50	7.50		2.00	0.500		1694m	North East
GW100440	10BL157889, 10WA113185	Bore			Self Drilled	01/01/1995	6.30			4.50	0.670		1700m	South East
GW103780	10BL156560, 10WA113070	Bore		Domestic		20/03/1995	7.62	7.62	Good				1700m	South East
GW105629	10BL162294, 10WA113397	Spear	Private	Domestic		19/11/2003	7.93	7.93		4.27	1.500		1701m	North East
GW107920	10BL163968, 10WA113710	Spear	Private	Domestic		10/02/2006	6.00	6.00					1704m	South East
GW107019	10BL164940, 10WA113896	Spear	Private	Domestic	B & B Drilling Inc	19/04/2005	7.00	7.00	Good	5.00	0.500		1712m	South East
GW023125	10BL016583, 10WA112827	Spear	Private	General Use		01/11/1965	5.10	5.20	Good				1713m	South East
GW109223	10BL164465, 10WA113797	Spear	Private	Domestic		18/08/2008	6.00						1715m	North East
GW114839	10WA119177	Spear	Private	Domestic	B&B Drilling	11/04/2015	5.00	5.00		15.00	0.500		1722m	North East
GW106384	10BL163606, 10WA113630	Spear	Private	Domestic		14/09/2004	6.10	6.10		3.05	1.000		1723m	South East
GW111482	10WA102323	Spear	Private	Domestic		23/05/2011	7.63	7.63	good	4.27	1.000		1726m	North East
GW108493	10BL600740, 10WA114208	Spear	Private	Domestic	B & B Drilling Inc	27/12/2006	6.00	6.00		3.00	0.500		1728m	South East
GW108947	10BL601977, 10WA114426	Spear	Private	Domestic		19/06/2008	7.00						1732m	South East
GW108268	10BL165903, 10WA114058	Spear	Private	Domestic	B & B Drilling Inc	03/11/2006	4.00	4.00		2.00	0.500		1738m	South East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW112490	10WA118670	Spear	Private	Domestic	B&B Drilling	27/05/2013	7.00	7.00		4.00	0.500		1738m	South East
GW111420	10BL601660, 10WA114401	Spear	Private	Domestic		15/05/2007	9.15	9.15	good	5.18	1.000		1738m	South East
GW109106	10BL602392, 10WA114503	Spear	Private	Domestic		23/07/2008	6.71		Good	3.35	1.000		1745m	South East
GW101763	10BL157358, 10BL162636, 10BL603089, 10WA114569	Bore		Domestic		01/10/1994	6.00	6.00					1753m	South
GW108290	10BL600568, 10WA114170	Spear	Private	Domestic	B & B Drilling Inc	30/01/2006	6.00	6.00		3.00	0.500		1756m	South East
GW023136	10BL016582, 10WA112826	Spear	Private	General Use		01/01/1965	3.20	3.20	Good				1756m	South East
GW024366	10BL018712, 10WA112965	Spear	Private	General Use		01/01/1966	4.50	4.60	Good				1756m	South East
GW106873	10BL164550, 10WA113809	Spear	Private	Domestic		29/11/2004	7.63	7.63	Good	4.58	1.000		1767m	North East
GW106961	10BL164641, 10WA113825	Spear	Private	Domestic	B & B Drilling Inc	04/03/2005	7.00	7.00	Good	5.00	0.500		1772m	South East
GW110781	10BL601330, 10WA114320	Spear	Private	Domestic		17/02/2007	8.54	8.54	Good	5.49	1.000		1773m	North East
GW108432	10BL600966, 10WA114252	Spear	Private	Domestic		17/01/2007	7.93	7.93	Good	4.88	1.000		1781m	North East
GW110867	10BL603605, 10WA114591	Spear	Private	Domestic	B & B Drilling Inc	12/04/2010	6.00	6.00	Good	4.00	0.150		1789m	South East
GW107153	10BL164915, 10WA113887	Spear	Private	Domestic		30/05/2005	8.23	8.24		4.88	1.000		1798m	North East
GW106434	10BL163963, 10WA113709	Spear	Private	Domestic	B & B Drilling Inc	11/10/2004	6.00	6.00	Good	3.00	0.500		1804m	South East
GW024117	10BL018508, 10WA112953	Spear	Private	General Use		01/11/1965	5.40	5.50	Good				1807m	South East
GW023185	10BL016549, 10WA112824	Spear	Private	General Use		01/10/1965	4.20	4.30	Good				1815m	South East
GW106920	10BL164646, 10WA113827	Spear	Private	Domestic		30/01/2005	6.10	6.10	Good	2.13	1.000		1815m	South East
GW106382	10BL163631, 10WA113637	Spear	Private	Domestic	B & B Drilling Inc	15/09/2004	6.00	6.00		3.00	0.500		1821m	South East
GW106891	10BL164384, 10WA113787	Spear	Private	Domestic		28/12/2004	6.00	6.00					1823m	North East
GW108745	10BL601460, 10WA114356	Spear	Private	Domestic		26/03/2007	7.01	7.02	Good	3.40	1.000		1832m	South East
GW111091	10BL601670, 10WA114404	Spear	Private	Monitoring		24/08/2007	7.00	7.00					1834m	North East
GW108631	10BL165236, 10WA113937	Spear	Private	Domestic		16/08/2005	7.00	7.00					1840m	North East
GW107689	10BL164315, 10WA113775	Spear	Private	Domestic		20/11/2005	7.00	7.00					1840m	North East
GW111888	10BL601024, 10WA114266	Spear	Private	Domestic		17/12/2006	8.80	8.80					1841m	North East
GW108277	10BL165952, 10WA114066	Bore		Domestic		01/01/1993	6.00				21.000		1843m	North East
GW109092	10BL600227, 10BL602308, 10WA114745	Bore	Private	Recreation	B & B Drilling Inc	22/07/2008	4.00	4.00	Good	2.00	0.500		1847m	North East
GW108173	10BL600457, 10WA114149	Spear	Private	Domestic	B & B Drilling Inc	19/08/2006	5.00	5.00		3.00	0.500		1861m	South East
GW114560	10WA118862	Spear	Private	Domestic		23/01/2014	8.85	8.85	Good	5.49	1.000		1863m	North East
GW028206	10BL020775	Spear	Local Govt	Irrigation		01/02/1966	5.40	5.50	Good				1866m	South East
GW108597	10BL601369, 10WA114328	Spear	Private	Domestic		27/02/2007	8.54	8.54	Good	5.49	1.000		1868m	North East
GW107780	10BL165900, 10WA114057	Spear	Private	Domestic		08/02/2006	8.54	8.54	Good	5.49	1.000		1868m	North East
GW103228	10BL157324, 10WA113142	Bore		Domestic		24/11/1995	6.00	6.00					1869m	South East
GW106896	10BL164366, 10WA113783	Spear	Private	Domestic	B & B Drilling Inc	26/11/2004	6.00	6.00	Good	3.00	0.500		1870m	South East
GW106399	10BL163465, 10WA113586	Spear	Private	Domestic	B & B Drilling Inc	20/07/2004	6.00	6.00		3.00	0.500		1871m	South East
GW028208	10BL020774, 10WA114761	Spear	Local Govt	Irrigation		01/04/1966	6.00	6.10	Good				1877m	South East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW111308	10BL600134, 10WA114108	Spear	Private	Domestic		19/03/2008	8.00	8.00					1880m	North East
GW108311	10BL600525, 10WA114160	Spear		Domestic	B & B Drilling Inc	01/01/1999	4.00						1880m	South East
GW106153	10BL163333, 10WA113561	Spear		Domestic		28/06/2005	6.00						1884m	South East
GW109318	10BL602591, 10WA114524	Bore	Private	Domestic		10/09/2008	6.10		Good	2.74	1.000		1886m	South East
GW102137	10BL159050, 10WA113270	Bore	Private	Domestic		19/02/1999	5.00	5.00		3.00	0.500		1888m	South East
GW106152	10BL163332, 10WA113560	Spear	Private	Domestic	B & B Drilling Inc	08/11/2005	6.00	6.00	Good	3.00	0.500		1892m	South East
GW105982	10BL162506, 10WA113437	Spear	Private	Domestic	B & B Drilling Inc	09/07/2004	7.00	7.00	Good	5.00	0.500		1893m	North East
GW108763	10BL601218, 10WA114303	Spear	Private	Domestic	B & B Drilling Inc	22/05/2007	6.00	6.00	Good	3.00	0.500		1894m	South East
GW106826	10BL162520, 10WA113438	Spear	Private	Domestic	B & B Drilling Inc	11/03/2005	6.00	6.00	Good	3.00	0.500		1895m	North East
GW023135	10BL016657	Spear	Private	General Use		01/12/1965	7.00	7.00					1895m	North East
GW109641	10BL602353, 10WA114493	Spear	Private	Domestic		29/04/2008	6.71	6.71	Good	3.05	1.000		1897m	South East
GW108810	10BL601693, 10WA114406	Spear	Private	Domestic	B & B Drilling Inc	10/05/2007	6.00	6.00	Good	3.00	0.500		1910m	South East
GW110558	10BL603050, 10WA114567	Spear	Private	Domestic	B & B Drilling Inc	10/11/2009	7.00	7.00	Good	5.00	0.500		1912m	North East
GW109642	10BL602354, 10WA114494	Spear	Private	Domestic		29/04/2008	6.71	6.71		3.05	1.000		1919m	South East
GW107370	10BL165546, 10WA113989	Bore	Private	Domestic		25/10/2005	7.00	7.00					1920m	North East
GW023984	10BL017318, 10WA112892	Spear	Private	General Use		01/01/1966	6.70	6.70	Good				1922m	South East
GW109939	10BL602759, 10WA114532	Spear	Private	Domestic		26/11/2008	6.10	6.10	Good	3.10	1.000		1927m	South East
GW016114	10BL008398, 10WA114695	Bore	Private	Recreation		01/11/1957	13.70	13.70					1929m	North East
GW031678	10BL024631, 10WA113000	Spear	Local Govt	Irrigation		01/09/1969	6.40	6.40	Good				1933m	South East
GW072968		Spear	Private	Domestic		21/02/1995	8.50	8.50	Good				1934m	North East
GW107720	10BL164767, 10WA113855	Spear	Private			04/01/2007							1934m	North East
GW109643	10BL602355, 10WA114495	Spear	Private	Domestic		29/04/2008	6.71	6.71	Good	3.05	1.000		1934m	South East
GW109227	10BL163528, 10WA113601	Spear	Private	Domestic		18/08/2008	8.00			2.00	2.500		1938m	South East
GW109947	10BL602292, 10WA114480	Spear	Private	Domestic	B & B Drilling Inc	25/01/2009	7.00	7.00	Good	4.00	0.500		1940m	South East
GW106352	10BL163539, 10WA113605	Spear	Private	Domestic		27/09/2004	9.15	9.15		6.41	1.000		1941m	North East
GW106507	10BL164258, 10WA113766	Spear	Private	Domestic	B & B Drilling Inc	15/10/2004	7.00	7.00	Good	4.00	0.500		1945m	North East
GW107350	10BL165077, 10WA113918	Spear	Private	Domestic		24/09/2005	9.46	9.46		5.80	1.000		1946m	North East
GW106262	10BL163173, 10WA113535	Spear	Private	Domestic	B & B Drilling Inc	02/08/2004	6.00	6.00		3.00	0.500		1948m	South East
GW100297	10BL154886, 10WA113014	Spear	Private	Domestic		10/08/1995	5.00	5.00					1950m	North East
GW112389	10WA117556	Spear	Private	Domestic		08/03/2013	9.00	9.00		5.00	0.500		1951m	North East
GW108573	10BL601408, 10WA114340	Bore	Private	Domestic		06/03/2007	7.93	7.93	Good	3.96	1.000		1953m	North East
GW107580	10BL165810, 10WA109022	Spear		Domestic		27/10/2006	20.00						1960m	North
GW107317	10BL165370, 10WA113968	Spear	Private	Domestic		18/08/2005	7.32	7.32	Good	3.90	1.000		1962m	North East
GW075063		Bore	NSW Office of Water	Monitoring	McDermott Drilling Pty Ltd	28/05/2001		3.40				13.25	1964m	South
GW109581	10BL165433, 10WA113976	Spear	Private	Domestic		17/08/2005	7.32	7.32	Good	4.27	1.000		1967m	North East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW107628	10BL163906, 10WA113704	Spear	Private	Domestic		30/05/2005	7.00	7.00					1976m	North East
GW024174	10BL018343, 10WA114759	Bore	Local Govt	Irrigation		01/09/1966	4.20	4.30					1978m	South East
GW108441	10BL600981, 10WA114257	Spear	Private	Domestic		17/01/2007	8.54	8.54	Good		1.000		1981m	North East
GW106897	10BL164361, 10WA113781	Spear	Private	Domestic	B & B Drilling Inc	11/01/2005	6.00	6.00	Good	4.00	0.500		1982m	North East
GW106277	10BL163520, 10WA113598	Spear		Domestic		09/09/2004	6.50	6.50					1986m	North East
GW101827	10BL157441, 10WA113156	Bore		Domestic		03/03/1999	7.93	7.93	Good	2.44	0.800		1987m	North East
GW106899	10BL163996, 10WA113717	Spear	Private	Domestic		22/11/2005	9.46	9.46	Good	6.10	1.000		1995m	North East
GW106955	10BL164738, 10WA108920	Spear	Private	Domestic		15/04/2005	4.20	4.20			1.000		1996m	North

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

Hydrogeology & Groundwater

131 Princes Highway, Kogarah, NSW 2217

Driller's Logs

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

Groundwater No	Drillers Log	Distance	Direction
GW108551	0.00m-6.00m Sand	301m	South East
GW024615	0.00m-5.48m Sand Water Supply	361m	South
GW023985	0.00m-0.91m Soil 0.91m-3.04m Sand Dry 3.04m-3.35m Sand Wet 3.35m-5.79m Sand White Water Supply	376m	South East
GW111561	0.00m-6.00m ALL SAND	409m	South East
GW107743	0.00m-6.00m sand	416m	South East
GW107799	0.00m-5.50m sand	439m	South East
GW107606	0.00m-7.00m sand	444m	South East
GW107374	0.00m-10.00m sand	448m	South East
GW110219	0.00m-6.00m ALL SAND	469m	South East
GW023288	0.00m-2.43m Sand Black 2.43m-5.18m Sand Clean Water Supply	471m	South East
GW112523	0.00m-1.00m TOPSOIL 1.00m-2.00m SAND SILTY YELLOW 2.00m-4.00m SAND SILTY GREY 4.00m-6.00m SAND GREY	500m	South East
GW107373	0.00m-6.00m sand	506m	South East
GW107911	0.00m-5.50m sand	508m	South East
GW106954	0.00m-3.00m Fill 3.00m-5.00m Sand	512m	South East
GW107297	0.00m-5.00m sand	513m	South East
GW107299	0.00m-5.60m sand	514m	South East
GW107114	0.00m-5.85m Sand, unconsolidated	515m	South East
GW110271	0.00m-6.00m ALL SAND	523m	South East
GW023354	0.00m-3.65m Sand Water Supply	537m	South
GW105120	0.00m-3.66m UNCONSOLIDATED ALL SANDS. SANDSTONE UNDER3.66m	542m	East
GW108600	0.00m-5.79m sand,	545m	South East
GW023439	0.00m-0.91m Sand Grey 0.91m-5.18m Sand White Water Supply	559m	East
GW106112	0.00m-0.30m topsoil 0.30m-2.30m sand, brown 2.30m-4.00m sand, yellow with some shells	581m	South East
GW111229	0.00m-6.00m ALL SAND	593m	South
GW026323	0.00m-3.65m Sand White Water Supply	595m	North East
GW107364	0.00m-5.18m sand	602m	South East
GW107372	0.00m-5.79m Sand, unconsolidated	603m	South East

Groundwater No	Drillers Log	Distance	Direction
GW107357	0.00m-6.10m Sand, unconsolidated	607m	South East
GW106907	0.00m-0.30m Topsoil 0.30m-1.80m Sand, yellow 1.80m-4.00m Sand, brown	616m	South East
GW106882	0.00m-5.00m Sand	619m	South East
GW108777	0.00m-0.30m topsoil 0.30m-6.00m sand, grey	620m	South
GW110865	0.00m-0.30m TOPSOIL 0.30m-4.00m SAND BROWN	621m	South
GW023495	0.00m-5.48m Sand Water Supply	624m	South
GW105587	0.00m-0.02m topsoil 0.02m-6.00m sand, yellow	635m	South East
GW108288	0.00m-0.30m topsoil 0.30m-2.50m sand, grey 2.50m-4.00m sand, brown	636m	South
GW107195	0.00m-3.96m sand	644m	North East
GW107045	0.00m-0.30m topsoil 0.30m-2.50m sand, yellow 2.50m-4.00m sand, silty brown 4.00m-6.00m sand, light brown	661m	South East
GW107859	0.00m-0.30m topsoil 0.30m-2.50m sand, brown 2.50m-5.20m sand, grey 5.20m-7.00m sand, brown	677m	South East
GW106388	0.00m-0.30m topsoil 0.30m-1.50m fill, bricks etc 1.50m-2.20m clay, grey sand 2.20m-3.20m sand, grey 3.20m-4.00m sand, brown	687m	South East
GW107849	0.00m-0.30m topsoil 0.30m-2.50m sand, brown 2.50m-5.00m sand, grey 5.00m-7.00m sand, brown	690m	South East
GW110202	0.00m-5.50m ALL SAND	692m	South East
GW106860	0.00m-0.30m topsoil 0.30m-3.00m sand, yellow 3.00m-4.50m sand, brown silty 4.50m-6.00m sand, grey	693m	South East
GW111925	0.00m-3.00m SAND YELLOW 3.00m-6.00m DARK BROWN SILTY SAND 6.00m-8.00m SAND LIGHT BROWN	701m	South East
GW106956	0.00m-5.49m Sand, unconsolidated	710m	North East
GW106270	0.00m-5.00m sand	730m	South
GW105289	0.00m-0.20m TOPSOIL 0.20m-3.60m GREY SAND 3.60m-5.80m LIGHT BROWN SAND 5.80m-6.50m GREY CLAY	734m	North East
GW101329	0.00m-4.57m unconsolidated - all sand.	760m	South East
GW107747	0.00m-6.00m ALL SAND	766m	South East
GW108084	0.00m-6.00m sand	778m	South
GW107184	0.00m-5.00m sand	796m	South East
GW106984	0.00m-6.00m Sand	798m	South East
GW111414	0.00m-6.00m ALL SAND	812m	South East
GW026647	0.00m-0.86m Sandstone Sand 0.86m-1.92m Sand Silt 1.92m-5.02m Sand White Slightly Silty Water Supply 5.02m-10.36m Clay	830m	North East
GW107506	0.00m-0.30m topsoil 0.30m-2.50m sand, brown 2.50m-4.00m sand, grey	857m	South

Groundwater No	Drillers Log	Distance	Direction
GW075059	0.00m-0.50m clay; red brown; dry fill material 0.50m-1.00m sander dust 1.00m-1.50m clay; with incorporated sander dust and resin material 1.50m-2.00m clay; red dry 2.00m-2.80m clay 2.80m-3.20m clay; layer of grey black material 3.20m-4.00m clay; red brown dry 4.00m-17.50m shale; moist light brown layer with minimal brown clay component	876m	South East
GW108716	0.00m-5.00m sand	882m	South
GW105591	0.00m-0.20m top soil 0.20m-1.00m sand, grey 1.00m-3.00m sand, brown 3.00m-6.00m sand, yelleo	901m	East
GW107682	0.00m-0.30m topsoil 0.30m-2.50m sand, brown 2.50m-4.00m sand, grey	907m	South East
GW026651	0.00m-0.91m Made Ground 0.91m-2.13m Sand Black 2.13m-3.65m Mud Black Water Supply	910m	North East
GW101056	0.00m-6.00m SAND	918m	South East
GW110189	0.00m-6.00m ALL SAND	921m	East
GW106881	0.00m-0.30m Topsoil 0.30m-2.50m Sand, brown 2.50m-4.20m Sand, silty yellow 4.20m-6.00m Sand, grey	924m	South
GW108050	0.00m-0.30m topsoil 0.30m-2.50m sand, brown 2.50m-4.00m sand, white	944m	East
GW111497	0.00m-6.00m ALL SAND	958m	East
GW106672	0.00m-5.49m sand, unconsolidated	967m	East
GW109657	0.00m-4.00m YELLOW SAND 4.00m-6.00m DARK BROWN SAND 6.00m-7.00m LIGHT BROWN SAND	967m	East
GW108650	0.00m-0.30m topsoil 0.30m-1.50m sand, yellow 1.50m-4.00m sand, brown	980m	South
GW108473	0.00m-6.00m Sand	998m	East
GW107423	0.00m-5.79m Sand, unconsolidated	1002m	East
GW107532	0.00m-5.50m sand	1003m	South
GW111017	0.00m-6.00m ALL SAND	1012m	East
GW073139	0.00m-0.20m SOIL 0.20m-8.00m SAND	1033m	East
GW017443	0.00m-6.09m Sand	1034m	East
GW106603	0.00m-6.10m sand, unconsolidated	1036m	East
GW105742	0.00m-0.30m topsoil 0.30m-2.40m sand, light brown 2.40m-3.60m sand, silty white 3.60m-4.00m sand, silty yellow	1040m	South
GW108496	0.00m-6.10m Sand , unconsolidated	1040m	East
GW106179	0.00m-0.30m topsoil 0.30m-2.50m sand, yellow 2.50m-4.50m sand, brown	1043m	East
GW106876	0.00m-6.00m Sand	1049m	East
GW106949	0.00m-5.79m Sand, unconsolidated	1049m	East
GW111580	0.00m-5.79m UNCONSOLIDATED ALL SANDS	1057m	East
GW023651	0.00m-4.41m Sand Water Supply	1061m	East

Groundwater No	Drillers Log	Distance	Direction
GW110206	0.00m-5.79m UNCONSOLIDATED ALL SAND.	1061m	South
GW107803	0.00m-6.10m Sand, unconsolidated	1063m	East
GW106579	0.00m-6.10m sand	1075m	East
GW105472	0.00m-7.00m SAND	1077m	East
GW110422	0.00m-0.30m TOPSOIL 0.30m-4.00m SAND WHITE 4.00m-6.00m SAND, GREY WITH SHELLS	1083m	East
GW105460	0.00m-2.00m SAND,DARK, BROWN, SILTY 2.00m-4.00m SAND GREY 4.00m-4.50m MUD BROWN	1093m	South East
GW107371	0.00m-6.71m Sand, unconsolidated	1093m	East
GW107450	0.00m-0.30m topsoil 0.30m-2.20m sand, yellow 2.20m-4.00m sand, grey	1093m	South East
GW110652	0.00m-5.49m UNCONSOLIDATED ALL SANDS	1098m	South East
GW027055	0.00m-0.60m Soil 0.60m-9.14m Sand Water Supply	1110m	East
GW107576	0.00m-8.54m Sand, unconsolidated	1113m	South East
GW108449	0.00m-7.01m Sand, unconsolidated	1118m	East
GW110167	0.00m-0.30m TOPSOIL 0.30m-3.50m YELLOW SAND 3.50m-5.50m GREY SAND 5.50m-6.00m GREY SAND AND SHELLS	1118m	East
GW108816	0.00m-8.54m sand	1130m	South East
GW013930	0.00m-4.57m Sand Dry 4.57m-7.62m Sand Water Supply	1131m	East
GW108321	0.00m-5.60m sand	1131m	South East
GW110229	0.00m-7.32m UNCONSOLIDATED ALL SAND	1133m	East
GW027570	0.00m-0.30m Topsoil Sandy 0.30m-3.50m Sand White Moist 3.50m-5.33m Sand Light Brown Wet 5.33m-6.85m Peat Black Moist Sandy 6.85m-10.66m Sand White Wet Fine 6.85m-10.66m Peat Interlayere 10.66m-12.80m Sand Black Moist Peaty 12.80m-15.24m Sand White Wet Coarse 12.80m-15.24m Clay Seams	1136m	East
GW107020	0.00m-5.00m sand	1136m	South
GW108559	0.00m-0.30m Topsoil 0.30m-4.50m Sand, yellow 4.50m-7.00m Sand, grey	1140m	East
GW106811	0.00m-0.15m CONCRETE 0.15m-0.50m FILL,SAND,OVER SILTY GRAVEL 0.50m-1.00m SILTY CLAY 1.00m-1.30m CLAY, BLACK SOFT 1.30m-2.70m CLAY BROWN 2.70m-3.80m SANDY CLAY 3.80m-4.00m CLAY,GREY	1146m	South West
GW107887	0.00m-0.30m topsoil 0.30m-4.50m sand, yellow 4.50m-6.00m sand, grey	1146m	East
GW106846	0.00m-7.93m Sand, unconsolidated, with small sea shells	1147m	South East
GW106883	0.00m-0.30m Topsoil 0.30m-4.30m Sand, yellow 4.30m-6.00m Sand, brown	1147m	South East
GW107216	0.00m-3.50m sand, brown 3.50m-6.00m sand, grey	1155m	South East

Groundwater No	Drillers Log	Distance	Direction
GW110727	0.00m-3.00m SAND YELLOW 3.00m-5.00m DARK BROWN SAND 5.00m-6.00m LIGHT BROWN SAND	1157m	South East
GW108568	0.00m-7.00m Sand	1167m	East
GW107192	0.00m-7.32m sand	1171m	East
GW111225	0.00m-2.00m SAND BROWN 2.00m-6.00m SAND DARK BROWN 6.00m-8.00m SAND LIGHT BROWN	1171m	South East
GW106175	0.00m-0.30m topsoil 0.30m-4.00m sand, yellow 4.00m-6.00m sand, grey	1172m	South East
GW111140	0.00m-7.00m ALL SAND	1174m	South East
GW027569	0.00m-8.23m UNCONSOLIDATED ALL SANDS	1175m	North East
GW073398		1177m	East
GW106780	0.00m-7.32m sand, unconsolidated	1180m	East
GW107883	0.00m-0.30m topsoil 0.30m-4.20m sand, brown 4.20m-5.20m sand, yellow 5.20m-7.00m sand, grey	1180m	East
GW106461	0.00m-0.30m topsoil 0.30m-4.00m sand, yellow 4.00m-6.00m sand, grey	1191m	East
GW107896	0.00m-0.30m topsoil 0.30m-4.50m sand, yellow 4.50m-6.00m sand, grey	1191m	East
GW106276	0.00m-5.00m sand	1201m	South East
GW109029	0.00m-0.10m CONCRETE 0.10m-4.00m BROWN SANDS SILTY	1207m	South
GW025539	0.00m-0.60m Sand 0.60m-4.57m Sand White Water Supply	1209m	South East
GW106084	0.00m-0.30m topsoil 0.30m-4.00m sand, brown 4.00m-6.00m sand, yellow	1211m	South East
GW025726	0.00m-0.91m Soil 0.91m-5.48m Sand	1212m	East
GW110541	0.00m-7.02m UNCONSOLIDATED ALL SANDS	1217m	East
GW108563	0.00m-8.23m Sand, unconsolidated	1218m	South East
GW109665	0.00m-0.30m TOPSOIL 0.30m-4.30m YELLOW SAND 4.30m-6.00m GREY SAND	1218m	East
GW107595	0.00m-5.49m Sand, unconsolidated	1223m	South East
GW107622	0.00m-7.01m Sand, unconsolidated	1229m	South East
GW108743	0.00m-7.32m sand	1229m	South East
GW100679	0.00m-4.58m unconsolidated all Sand with Small Sea Shells	1235m	South East
GW110442	0.00m-0.30m TOPSOIL 0.30m-4.50m SAND YELLOW 4.50m-6.00m SAND GREY AND SHELLS	1235m	East
GW023485	0.00m-6.70m Sand Water Supply	1236m	East
GW023837	0.00m-1.82m Sand Grey 1.82m-5.18m Sand White Water Supply	1240m	East
GW110223	0.00m-1.90m Geological conditions could not be logged as non-destructive drilling method was used 1.90m-2.90m Sandy clay,grey, soft, high plasticity,some sand 2.90m-4.00m Clay,grey,with high plasticity,stiff,no odour 4.00m-4.30m Sandy clay,grey, soft, with some fine grained sand. No odour 4.30m-5.00m Becoming red/grey,high plasticity,no odour or staning.	1244m	South West

Groundwater No	Drillers Log	Distance	Direction
GW110226	0.00m-0.20m SURFACE CONCRETE 0.20m-1.90m GEOLOGICAL CONDITIONS COULD NOT BE LOGGED AS NON-DESTRUCTIVE DRILLING METHOD WAS USED 1.90m-2.80m SANDY CLAY, GREY,SOFT,H/PLASTICITY,GRAINED SAND 2.80m-4.00m SAND,RED,FINE GRAINED,WITH FAINT HYDROCARBON ODOUR.SATURATED	1247m	South West
GW100564	0.00m-10.00m Sand	1252m	South East
GW105158	0.00m-4.58m UNCONSOLIDATED ALL SANDS	1252m	North East
GW110225	0.00m-0.50m SAND,DARK GREY,FINE GRAINED,STRONG HYDROCARBON ODOUR 0.50m-0.60m BECOMING GREY AFTER 0.5m 0.60m-0.80m CLAY,BROWN,FIRM,HIGH PLASTICITY,VERY STRONG ODOUR 0.80m-1.80m BECOMING GREY/BROWN,WITH STAININGS 1.80m-1.90m WET AT 1.9m 1.90m-2.50m SANDY CLAY,GREY,SOFT WITH HIGH PLASTICITY 2.50m-2.80m BECOMING DARK GREY WITH SIGHT HYDROCARBON ODOUR,MOIST 2.80m-4.00m BECOMING PALE GREY WITH SIGHT HYDROCARBON ODOUR,VERY MOIST.	1252m	South West
GW108402	0.00m-8.54m Sand, unconsolidated	1259m	South East
GW110224	0.00m-0.10m SURFACE CONCRETE 0.10m-0.20m FILL,BRICKS 0.20m-0.60m FILL,SAND,GREY,VERY STRONG HYDROCARBON ODOUR 0.60m-0.80m SANDY CLAY,GREY BROWN 0.80m-1.00m WITH FAINT HYDROCARBON ODOUR 1.00m-3.50m BECOMING GREY WITH FAINT HYDROCARBON ODOUR 3.50m-4.00m NO ODOUR AFTER 3.5m	1259m	South West
GW107775	0.00m-6.71m Sand, unconsolidated	1265m	South East
GW108796	0.00m-7.63m sand	1265m	East
GW023257	0.00m-0.30m Sand Grey 0.30m-5.48m Sand White Water Supply	1270m	East
GW110097	0.00m-6.71m UNCONSOLIDATED ALL SANDS	1270m	East
GW110323	0.00m-9.15m UNCONSOLIDATED ALL SANDS	1272m	South East
GW106379	0.00m-0.30m topsoil 0.30m-3.50m sand, yellow 3.50m-6.00m sand, yellow with small shells	1273m	East
GW111037	0.00m-6.00m ALL SAND	1276m	East
GW107684	0.00m-0.30m topsoil 0.30m-4.20m sand, yellow 4.20m-6.00m sand, grey	1278m	East
GW109935	0.00m-7.63m UNCONSOLIDATED ALL SANDS	1282m	South East
GW106618	0.00m-6.00m sand	1284m	East
GW107590	0.00m-0.30m topsoil 0.30m-2.50m sand, brown 2.50m-4.00m sand, grey and shells	1284m	South East
GW109256	0.00m-1.00m FILL AND SAND 1.00m-4.00m SILTY SAND 4.00m-6.50m SANDY CLAY 6.50m-12.00m SANDSTONE VERY SOFT 12.00m-22.00m SANDSTONE,IRON AND CLAY BANDS 22.00m-26.50m SANDSTONE GREY 26.50m-27.00m SANDSTONE VERY FRACTURED 27.00m-31.20m SANDSTONE GREY 31.20m-31.50m SANDSTONE FRACTURED 31.50m-36.00m SANDSTONE GREY	1284m	South West
GW101826	0.00m-6.10m UNCONSOLIDATED SAND	1292m	East
GW110418	0.00m-0.30m TOPSOIL 0.30m-4.50m SAND YELLOW 4.50m-6.00m SAND GREY AMD SHELLS	1294m	South East
GW107349	0.00m-7.32m Sand, unconsolidated	1295m	East
GW107973	0.00m-7.00m sand	1298m	East
GW101025	0.00m-5.00m SAND	1308m	South East
GW101214	0.00m-7.01m Unconsolidated - all sand.	1310m	East

Groundwater No	Drillers Log	Distance	Direction
GW024373	0.00m-5.18m Sand Yellow Water Supply	1311m	South East
GW107722	0.00m-6.71m Sand, unconsolidated	1312m	South East
GW105589	0.00m-0.30m topsoil 0.30m-2.30m sand, grey 2.30m-3.00m sand, plain brown 3.00m-4.00m sand, grey	1317m	South East
GW107344	0.00m-0.30m topsoil 0.30m-2.50m sand, grey 2.50m-4.00m sand, yellow	1317m	North East
GW100473	0.00m-67.10m UNCONSOLIDATED. ALL SAND WITH SMALL SEA SHELLS	1321m	East
GW105153	0.00m-5.49m UNCONSOLIDATED ALL SANDS	1322m	North East
GW026388	0.00m-4.26m Sand Water Supply	1325m	South East
GW107531	0.00m-0.30m TOPSOIL 0.30m-7.20m YELLOW SAND 7.20m-14.00m GREY SAND	1326m	North East
GW106767	0.00m-6.00m sand	1327m	South East
GW107148	0.00m-5.79m sand	1330m	North East
GW106563	0.00m-6.71m sand, unconsolidated	1340m	East
GW106208	0.00m-7.01m sand, unconsolidated	1343m	East
GW101137	0.00m-6.71m Unconsolidated - all sand	1346m	North East
GW108353	0.00m-0.20m ASPHALT 0.20m-0.30m FILL 0.30m-1.10m CLAY,SOFT/SANDY 1.10m-3.80m CLAY HARD 3.80m-4.20m CLAY SOFT/SANDY 4.20m-4.50m CLAY HARD	1349m	South West
GW023134	0.00m-5.33m Sand Water Supply	1351m	South East
GW106986	0.00m-7.01m Sand, unconsolidated	1352m	East
GW108350	0.00m-0.20m ASPHALT 0.20m-0.50m SAND 0.50m-1.70m CLAY SOFT 1.70m-2.10m CLAY SANDY 2.10m-2.90m CLAY SOFT 2.90m-3.00m CLAY SANDY 3.00m-4.00m SAND CLAYEY	1352m	South West
GW025711	0.00m-4.87m Sand Water Supply	1353m	South East
GW106431	0.00m-7.63m sand, unconsolidated	1355m	South East
GW106946	0.00m-6.00m sand	1355m	East
GW108715	0.00m-7.93m sand	1358m	South East
GW107105	0.00m-7.26m sand, unconsolidated	1361m	East
GW016836	0.00m-1.21m Earth 1.21m-2.13m Earth Rusty 2.13m-3.65m Clay White Water Supply 3.65m-4.57m Clay Red 4.57m-5.48m Clay White 5.48m-6.40m Clay Red	1364m	South West
GW111713	0.00m-7.93m UNCONSOLIDATED ALL SANDS.	1366m	East
GW025565	0.00m-5.48m Sand Water Supply	1367m	East
GW108574	0.00m-6.10m sand	1368m	South East
GW107662	0.00m-0.30m topsoil 0.30m-4.50m sand, yellow 4.50m-6.00m sand, yellow and shells	1370m	East

Groundwater No	Drillers Log	Distance	Direction
GW108300	0.00m-7.32m sand	1370m	East
GW108590	0.00m-3.96m Sand, unconsolidated then Clay	1372m	North East
GW107669	0.00m-0.30m topsoil 0.30m-4.50m sand, yellow 4.50m-6.00m sand, grey	1380m	South East
GW108352	0.00m-0.20m CONCRETE 0.20m-0.40m SAND 0.40m-0.80m FILL 0.80m-2.10m CLAY HARD 2.10m-3.00m CLAY SANDY 3.00m-4.00m CLAY HARD	1382m	South West
GW108222	0.00m-0.30m topsoil 0.30m-3.30m sand, yellow 3.30m-5.20m sand, brown 5.20m-6.00m sand, grey	1389m	South East
GW108351	0.00m-0.20m CONCRETE 0.20m-0.50m SAND 0.50m-0.70m FILL 0.70m-1.00m CLAY SOFT 1.00m-2.20m CLAY HARD 2.20m-2.50m CLAY SANDY 2.50m-2.70m CLAY SOFT 2.70m-3.50m CLAY SANDY 3.50m-3.70m CLAY HARD 3.70m-4.00m CLAY SANDY	1389m	South West
GW107731	0.00m-0.30m topsoil 0.30m-4.50m sand, yellow 4.50m-7.00m sand, yellow and shells	1394m	East
GW107846	0.00m-0.30m topsoil 0.30m-4.50m sand, brown 4.50m-6.00m sand, grey	1395m	South
GW110842	0.00m-8.54m UNCONSOLIDATED ALL SAND	1398m	South East
GW023492	0.00m-5.18m Sand Water Supply	1402m	East
GW107889	0.00m-0.30m topsoil 0.30m-4.50m sand, yellow 4.50m-6.00m sand, grey	1402m	South East
GW101871	0.00m-5.79m Unconsolidated Sand with small seashells.	1403m	South East
GW106206	0.00m-5.18m sand, unconsolidated	1404m	North East
GW106375	0.00m-0.30m topsoil 0.30m-3.30m sand, brown 3.30m-6.00m sand, yellow	1409m	South East
GW100520	0.00m-7.00m SAND	1415m	South East
GW023583	0.00m-8.22m Sand Water Supply	1418m	North East
GW025816	0.00m-6.09m Soil Sandy Water Supply	1418m	East
GW101224	0.00m-7.62m Unconsolidated - all sand with small sea shells	1418m	South East
GW110228	0.00m-8.85m UNCONSOLIDATED ALL SAND	1419m	South East
GW108633	0.00m-7.32m sand	1427m	East
GW106832	0.00m-5.79m sand, unconsolidated	1428m	South East
GW106224	0.00m-0.30m topsoil 0.30m-4.50m sand, yellow 4.50m-6.00m sand, yellow with small shells	1431m	East
GW072795	0.00m-8.40m Unconsolidated Sand With Small Seashells	1434m	East
GW109945	0.00m-5.50m SAND YELLOW 5.50m-7.50m SAND WHITE AND SHELLS	1434m	East
GW107493	0.00m-7.32m Sand, unconsolidated	1442m	East

Groundwater No	Drillers Log	Distance	Direction
GW107890	0.00m-0.30m topsoil 0.30m-3.50m sand, yellow 3.50m-5.00m sand, grey	1443m	North East
GW106456	0.00m-0.30m topsoil 0.30m-6.00m sand	1445m	South East
GW101814	0.00m-5.00m SAND	1449m	South East
GW107661	0.00m-0.30m topsoil 0.30m-4.00m sand, yellow 4.00m-7.00m sand, grey	1450m	South East
GW100664	0.00m-5.79m Unconsolidated all Sand	1452m	South East
GW107542	0.00m-7.32m Sand, unconsolidated	1454m	East
GW023304	0.00m-0.91m Sand Black 0.91m-4.26m Sand White Water Supply	1455m	North East
GW110446	0.00m-0.30m TOPSOIL 0.30m-3.00m SAND YELLOW 3.00m-6.00m SAND GREY AND SHELLS	1455m	South East
GW110855	0.00m-9.21m UNCONSOLIDATED SAND	1457m	East
GW106054	0.00m-6.10m sand, unconsolidated	1459m	South East
GW108404	0.00m-7.63m Sand, unconsolidated	1459m	North East
GW107735	0.00m-0.30m topsoil 0.30m-7.00m sand, yellow	1460m	South East
GW113090	0.00m-7.32m UNCONSOLIDATED ALL SAND	1466m	East
GW108550	0.00m-0.30m Topsoil 0.30m-4.20m Sand, yellow 4.20m-7.00m Sand, grey	1470m	South East
GW111443	0.00m-9.15m UNCONSOLIDATED ALL SAND	1472m	East
GW109934	0.00m-0.30m TOPSOIL 0.30m-4.50m YELLOW SAND 4.50m-6.00m SAND GREY	1473m	North East
GW101815	0.00m-5.50m SAND	1476m	South East
GW110691	0.00m-8.54m UNCONSOLIDATE ALL SAND	1476m	East
GW111666	0.00m-7.63m UNCONSOLIDATED ALL SANDS	1479m	East
GW108549	0.00m-0.30m Topsoil 0.30m-4.20m Sand, yellow 4.20m-7.00m Sand, grey	1480m	South East
GW107298	0.00m-6.00m sand	1481m	South East
GW110868	0.00m-0.30m TOPSOIL 0.30m-5.00m SAND YELLOW 5.00m-6.00m SAND GREY	1481m	North East
GW072299	0.00m-1.53m Brick Tile Filling 1.53m-8.44m Unconsoldated Sand With Small Sea Shells	1486m	South East
GW106371	0.00m-0.30m topsoil 0.30m-3.30m sand, yellow 3.30m-5.00m sand, brown	1486m	South East
GW106587	0.00m-0.30m topsoil 0.30m-2.50m sand, light brown 2.50m-4.00m sand, grey	1487m	North East
GW106474	0.00m-7.63m sand	1488m	East
GW023613	0.00m-0.91m Sand Grey 0.91m-6.40m Sand White Water Supply	1489m	South East
GW102271	0.00m-8.00m Sand	1489m	East
GW107695	0.00m-7.50m sand	1491m	South East

Groundwater No	Drillers Log	Distance	Direction
GW107166	0.00m-0.30m topsoil 0.30m-3.00m sand, brown 3.00m-4.00m sand, grey	1492m	North East
GW106975	0.00m-0.30m Topsoil 0.30m-2.40m Sand, brown, Silty 2.40m-4.00m Sand, yellow	1494m	North East
GW107540	0.00m-7.00m sand	1494m	North East
GW023427	0.00m-5.48m Sand Water Supply	1495m	South East
GW106413	0.00m-6.10m sand, unconsolidated	1498m	South East
GW108652	0.00m-0.30m topsoil 0.30m-7.00m sand, yellow	1499m	South East
GW107314	0.00m-8.23m Sand, unconsolidated	1503m	South East
GW023838	0.00m-0.30m Sand Grey 0.30m-4.87m Sand White Water Supply	1504m	East
GW108006	0.00m-3.96m sand	1504m	North East
GW105684	0.00m-9.00m sand, unconsolidated	1505m	East
GW105728	0.00m-0.30m topsoil 0.30m-1.50m sand, light brown 1.50m-6.00m sand, yellow	1505m	South East
GW107051	0.00m-0.30m topsoil 0.30m-3.50m sand, yelow 3.50m-5.00m sand, brown silty 5.00m-7.00m sand, grey	1507m	South East
GW106415	0.00m-6.10m sand, unconsolidated	1519m	South East
GW106104	0.00m-7.00m sand	1522m	South East
GW023477	0.00m-1.82m Sand Grey 1.82m-6.40m Sand White Water Supply	1523m	North East
GW111558	0.00m-6.00m ALL SAND	1523m	North East
GW105516	0.00m-8.23m UNCONSOLIDATED ALL SANDS	1530m	South East
GW111237	0.00m-3.00m YELLOW SAND 3.00m-6.00m GREY SAND	1531m	South East
GW110898	0.00m-8.45m UNCONSOLIDATED ALL SAND	1535m	East
GW106053	0.00m-6.10m sand, unconsolidated	1536m	South East
GW113044	0.00m-7.32m UNCONSOLIDATED ALL SAND	1537m	South East
GW107744	0.00m-0.30m topsoil 0.30m-1.80m sand, dark brown 1.80m-4.00m sand, light brown	1538m	North East
GW106128	0.00m-0.30m topsoil 0.30m-1.50m sand, brown 1.50m-5.00m sand, yellow 5.00m-7.00m sand, yellow with some shells	1539m	East
GW110272	0.00m-7.01m UNCONSOLIDATE ALL SAND	1539m	North East
GW025703	0.00m-4.57m Driller 4.57m-6.09m Sand	1540m	South East
GW103229	0.00m-6.00m ALL SAND	1540m	South East
GW108623	0.00m-0.30m topsoil 0.30m-2.60m sand, yellow 2.60m-3.40m sand, silty grey 3.40m-6.00m sand, yellow	1543m	North East
GW105588	0.00m-0.30m topsoil 0.30m-3.20m sand, yellow 3.20m-4.00m sand, yellow with shells	1546m	North East

Groundwater No	Drillers Log	Distance	Direction
GW109152	0.00m-6.00m BLACK CLAY 6.00m-20.00m RED CLAY 20.00m-78.00m FINE GREY SANDSTONE 78.00m-80.00m SHALE 80.00m-130.00m FINE GREY SANDSTONE 130.00m-132.00m SHALE 132.00m-198.00m FINE GREY SANDSTONE 198.00m-204.00m SHALE	1547m	South
GW106092	0.00m-4.58m sand, unconsolidated	1551m	South East
GW024352	0.00m-5.63m Sand Water Supply	1553m	South East
GW106007	0.00m-0.30m topsoil 0.30m-2.00m sand, light brown 2.00m-6.00m sand, yellow 6.00m-7.00m sand, yellow with shells	1554m	South East
GW106889	0.00m-7.93m Sand, unconsolidated	1556m	East
GW108584	0.00m-5.79m Sand, unconsolidated	1558m	East
GW106167	0.00m-6.00m sand	1564m	North East
GW107026	0.00m-9.76m Sand, unconsolidated	1566m	East
GW111227	0.00m-8.54m UNCONSOLIDATED ALL SAND.	1566m	East
GW107505	0.00m-0.30m topsoil 0.30m-3.30m sand, yellow 3.30m-5.00m sand, grey	1570m	South East
GW107857	0.00m-0.30m topsoil 0.30m-7.00m sand, yellow	1570m	North East
GW102226	0.00m-7.63m SAND, UNCONSOLIDATED	1572m	East
GW013657	0.00m-7.62m Sand Water Supply	1573m	East
GW105975	0.00m-8.23m sand, unconsolidated	1578m	East
GW112342	0.00m-9.15m UNCONSOLIDATED ALL SAND.	1579m	East
GW105761	0.00m-1.50m sand, fill tiles 1.50m-6.50m sand, yellow 6.50m-7.00m sand, yellow with crushed shells	1581m	South East
GW106963	0.00m-6.00m Sand	1586m	South East
GW107650	0.00m-0.30m topsoil 0.30m-2.50m sand, yellow 2.50m-4.00m sand, grey	1588m	North East
GW101328	0.00m-7.62m Unconsolidated, all sand, small seashells	1593m	East
GW106280	0.00m-6.41m sand	1595m	South East
GW023423	0.00m-0.91m Made Ground 0.91m-2.13m Sand Red 2.13m-4.57m Sand White Water Supply	1598m	North East
GW109645	0.00m-8.54m UNCONSOLIDATED ALL SANDS.	1599m	East
GW109942	0.00m-6.71m UNCONSOLIDATED ALL SANDS	1601m	South East
GW107118	0.00m-6.00m Sand	1604m	South East
GW016108	0.00m-7.62m Sand	1605m	East
GW111613	0.00m-0.40m TOPSOIL 0.40m-2.00m SAND GREY 2.00m-4.00m SAND DARK BROWN 4.00m-6.00m SAND LIGHT BROWN	1607m	South East
GW025558	0.00m-5.94m Sand Water Supply	1616m	South East
GW106387	0.00m-7.32m sand,	1621m	South East

Groundwater No	Drillers Log	Distance	Direction
GW108696	0.00m-0.30m topsoil' 0.30m-5.50m sand, yellow 5.50m-7.00m sand, grey	1621m	South East
GW115044	0.00m-0.50m TOPSOIL 0.50m-3.50m SAND YELLOW 3.50m-6.00m SAND GREY	1622m	South East
GW107207	0.00m-0.30m topsoil 0.30m-2.50m sand, brown 2.50m-4.00m sand, grey	1626m	North East
GW106957	0.00m-7.32m Sand, unconsolidated	1627m	South East
GW108733	0.00m-4.50m sand, yellow 4.50m-6.00m sand, grey	1627m	South East
GW108535	0.00m-5.20m Sand, yellow 5.20m-7.00m Sand, yellow & crushed Shells	1628m	South East
GW106851	0.00m-2.00m sand, dry 2.00m-2.50m sand, wet 2.50m-3.00m peat, wet 3.00m-3.50m sand, wet	1629m	East
GW101638	0.00m-7.63m Unconsolidated Sand	1631m	East
GW107177	0.00m-7.63m sand	1634m	South East
GW108533	0.00m-0.30m Topsoil 0.30m-4.50m Sand, yellow 4.50m-6.00m Sand, grey	1636m	South East
GW109666	0.00m-10.68m UNCONSOLIDATED ALL SAND	1638m	East
GW023310	0.00m-3.65m Sand Water Supply	1642m	East
GW107552	0.00m-9.15m Sand, unconsolidated	1646m	East
GW111467	0.00m-2.00m SAND YELLOW 2.00m-5.00m SAND DARK BROWN 5.00m-6.00m SAND GREY	1646m	South East
GW108266	0.00m-0.30m topsoil 0.30m-4.20m sand, yellow 4.20m-6.00m sand, white	1647m	South East
GW110845	0.00m-8.54m UNCONSOLIDATED ALL SAND	1647m	East
GW108529	0.00m-0.30m Topsoil 0.30m-4.50m Sand, yellow 4.50m-6.00m Sand, grey	1648m	South East
GW105517	0.00m-3.96m UNCONSOLIDATED ALL SANDS	1655m	North East
GW107599	0.00m-6.00m sand	1655m	South East
GW105310	0.00m-0.30m TOPSOIL 0.30m-3.00m WHITE SAND 3.00m-4.00m BROWN SAND	1659m	South East
GW111149	0.00m-7.00m ALL SAND	1661m	North East
GW024371	0.00m-1.21m Topsoil Black 1.21m-2.43m Sand Grey 2.43m-4.26m Sand Light Grey Water Supply	1663m	South East
GW023573	0.00m-4.87m Sand Water Supply	1666m	South East
GW023995	0.00m-0.60m Sand Grey 0.60m-5.79m Sand White Water Supply	1667m	South East
GW024375	0.00m-1.82m Soil Black 1.82m-3.65m Mud Black Water Supply	1670m	South East
GW100025	0.00m-6.00m SAND	1678m	East
GW024669	0.00m-4.57m Sand Water Supply	1681m	South East
GW104637	0.00m-7.32m UNCONSOLIDATED ALL SANDS	1681m	South East

Groundwater No	Drillers Log	Distance	Direction
GW107861	0.00m-6.00m sand	1683m	South East
GW111439	0.00m-7.32m UNCONSOLIDATED ALL SAND	1684m	South East
GW107891	0.00m-0.30m topsoil 0.30m-4.20m sand, yellow 4.20m-6.00m sand, white 6.00m-7.00m sand, grey	1685m	South East
GW105680	0.00m-6.41m sand, unconsolidated	1687m	South East
GW107269	0.00m-1.40m fill, rocks bricks 1.40m-4.00m sand, brown 4.00m-6.00m sand, grey silty 6.00m-7.50m clay, grey	1694m	North East
GW108495	0.00m-9.46m Sand, unconsolidated	1694m	East
GW103780	0.00m-7.62m UNCONSOLIDATED ALL SANDS	1700m	South East
GW105629	0.00m-7.93m sand, unconsolidated with sea shells	1701m	North East
GW107920	0.00m-6.00m sand	1704m	South East
GW107019	0.00m-0.30m topsoil 0.30m-4.00m sand, yellow 4.00m-7.00m sand, brown	1712m	South East
GW023125	0.00m-5.18m Sand Water Supply	1713m	South East
GW114839	0.00m-2.00m SAND BROWN 2.00m-5.00m SAND GREY	1722m	North East
GW106384	0.00m-6.10m sand	1723m	South East
GW111482	0.00m-7.63m UNCONSOLIDATED ALL SAND	1726m	North East
GW108493	0.00m-0.30m Topsoil 0.30m-0.35m Sand, yellow 0.35m-6.00m Sand, grey	1728m	South East
GW108268	0.00m-0.30m topsoil 0.30m-4.00m sand, brown	1738m	South East
GW111420	0.00m-9.15m UNCONSOLIDATE ALL SAND	1738m	South East
GW112490	0.00m-0.30m TOPSOIL 0.30m-3.00m SAND GREY 3.00m-7.00m SAND YELLOW	1738m	South East
GW101763	0.00m-6.00m Sand	1753m	South
GW023136	0.00m-3.20m Sand Water Supply	1756m	South East
GW024366	0.00m-0.60m Sand Black 0.60m-4.57m Sand White Water Supply	1756m	South East
GW108290	0.00m-0.30m topsoil 0.30m-3.50m sand, yellow 3.50m-6.00m sand, grey	1756m	South East
GW106873	0.00m-7.63m Sand, unconsolidated	1767m	North East
GW106961	0.00m-0.30m Topsoil 0.30m-5.30m Sand, yellow 5.30m-7.00m Sand, yellow, & shells	1772m	South East
GW110781	0.00m-8.54m UNCONSOLIDATED ALL SANDS	1773m	North East
GW108432	0.00m-7.93m Sand, unconsolidated	1781m	North East
GW110867	0.00m-0.30m TOPSOIL 0.30m-6.00m SAND YELLOW	1789m	South East
GW107153	0.00m-8.23m sand	1798m	North East
GW106434	0.00m-0.30m topsoil 0.30m-1.50m sand, brown 1.50m-4.00m sand, yellow 4.00m-6.00m sand, yellow with shells	1804m	South East
GW024117	0.00m-0.30m Sand Grey 0.30m-5.48m Sand White Water Supply	1807m	South East

Groundwater No	Drillers Log	Distance	Direction
GW023185	0.00m-0.91m Sand 0.91m-4.26m Sand White Water Supply	1815m	South East
GW106920	0.00m-6.10m Sand, unconsolidated	1815m	South East
GW106382	0.00m-0.30m topsoil 0.30m-3.50m sand, yellow 3.50m-6.00m sand, yelow small shell	1821m	South East
GW106891	0.00m-6.00m Sand	1823m	North East
GW108745	0.00m-7.01m sand	1832m	South East
GW111091	0.00m-7.00m ALL SAND	1834m	North East
GW107689	0.00m-7.00m sand	1840m	North East
GW108631	0.00m-7.00m sand	1840m	North East
GW109092	0.00m-0.30m TOPSOIL 0.30m-2.50m YELLOW SAND 2.50m-4.00m BROWN SAND	1847m	North East
GW108173	0.00m-0.30m TOPSOIL 0.30m-3.50m sand, yellow 3.50m-5.00m sand, grey	1861m	South East
GW114560	0.00m-8.85m UNCONSOLIDATED ALL SANDS.	1863m	North East
GW028206	0.00m-5.48m Sand White Water Supply	1866m	South East
GW107780	0.00m-8.54m Sand, unconsolidated	1868m	North East
GW108597	0.00m-8.54m sand,	1868m	North East
GW103228	0.00m-6.00m All sand	1869m	South East
GW106896	0.00m-0.30m Topsoil 0.30m-4.50m Sand, yellow 4.50m-6.00m Sand, grey, some shells	1870m	South East
GW106399	0.00m-0.30m topsoil 0.30m-3.00m sand, white 3.00m-6.00m sand, grey	1871m	South East
GW028208	0.00m-0.30m Clay 0.30m-6.09m Sand White Water Supply	1877m	South East
GW102137	0.00m-5.00m Sand	1888m	South East
GW106152	0.00m-0.30m topsoil 0.30m-3.50m sand, yellow 3.50m-6.00m sand, grey	1892m	South East
GW105982	0.00m-0.30m topsoil 0.30m-4.00m sand, yellow 4.00m-7.00m sand, light brown	1893m	North East
GW108763	0.00m-0.30m topsoil 0.30m-3.50m sand, yellow 3.50m-6.00m sand, white	1894m	South East
GW023135	0.00m-7.01m Sand Water Supply	1895m	North East
GW106826	0.00m-0.30m topsoil 0.30m-4.00m sand, yellow 4.00m-6.00m sand, yellow and shells	1895m	North East
GW109641	0.00m-6.71m UNCONSOLIDATED ALL SANDS	1897m	South East
GW108810	0.00m-0.30m topsoil 0.30m-4.50m sand, yellow 4.50m-6.00m sand, grey	1910m	South East
GW110558	0.00m-0.50m TOPSOIL 0.50m-5.50m YELLOW SAND 5.50m-7.00m SAND GREY	1912m	North East

Groundwater No	Drillers Log	Distance	Direction
GW109642	0.00m-6.71m UNCONSOILIDATED ALL SANDS	1919m	South East
GW107370	0.00m-7.00m sand	1920m	North East
GW023984	0.00m-0.91m Sand Grey 0.91m-5.18m Sand White 5.18m-6.70m Sand Fossils:shell Fragments Water Supply	1922m	South East
GW109939	0.00m-6.10m UNCONSOLIDATED ALL SANDS.	1927m	South East
GW016114	0.00m-0.60m Made Ground Sand 0.60m-1.82m Sand Humus 1.82m-3.65m Sand Peaty 3.65m-6.09m Sand Muddy Fossils:shell Fragments 6.09m-7.31m Sand Fossils:shell Fragments 7.31m-9.44m Sand 9.44m-10.97m Clay Grey 10.97m-12.19m Sand White 12.19m-12.80m Sand Clay 12.80m-13.71m Clay Puggy	1929m	North East
GW031678	0.00m-6.40m Sand Water Supply	1933m	South East
GW072968	0.00m-8.54m Unconsoldated Sand	1934m	North East
GW109643	0.00m-6.71m UNCONSOLIDATED ALL SANDS	1934m	South East
GW109947	0.00m-0.30m TOPSOIL 0.30m-5.40m YELLOW SAND 5.40m-7.00m WHITE SAND WITH SHELLS	1940m	South East
GW106352	0.00m-9.15m sand	1941m	North East
GW106507	0.00m-0.30m topsoil 0.30m-2.50m sand, yellow 2.50m-3.90m sand, brown 3.90m-7.00m sand, white	1945m	North East
GW107350	0.00m-9.46m Sand, unconsolidated	1946m	North East
GW106262	0.00m-0.30m topsoil 0.30m-6.00m sand, yellow	1948m	South East
GW100297	0.00m-5.00m SAND	1950m	North East
GW112389	0.00m-0.30m TOPSOIL 0.30m-3.30m SAND LIGHT BROWN 3.30m-7.00m SAND YELLOW 7.00m-9.00m SAND WHITE	1951m	North East
GW108573	0.00m-7.93m sand	1953m	North East
GW107317	0.00m-7.32m Sand, unconsolidated	1962m	North East
GW075063	0.00m-0.50m Fill; dark brown clay and brick fill 0.50m-1.50m Clayey sand; grey and moist 1.50m-3.00m Sandy clay; grey soft to hard weathered sandstone 3.00m-3.50m Bedrock; sandstone	1964m	South
GW109581	0.00m-7.32m UNCONSOLIDATED ALL SANDS	1967m	North East
GW107628	0.00m-7.00m sand	1976m	North East
GW024174	0.00m-4.26m Sand White Water Supply	1978m	South East
GW108441	0.00m-8.54m Sand, unconsolidated	1981m	North East
GW106897	0.00m-0.30m Topsoil 0.30m-4.00m Sand, yellow 4.00m-6.00m Sand, yellow, with small shells	1982m	North East
GW106277	0.00m-6.50m sand	1986m	North East
GW101827	0.00m-7.93m UNCONSOLIDATED SAND WITH SMALL SEA SHELLS	1987m	North East
GW106899	0.00m-9.46m Sand, unconsolidated	1995m	North East
GW106955	0.00m-2.60m Clay 2.60m-4.20m Sandy Clay	1996m	North

Drill Log Data Source: NSW Department of Primary Industries - Office of Water / Water Administration Ministerial Corp
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Geology 1:100,000

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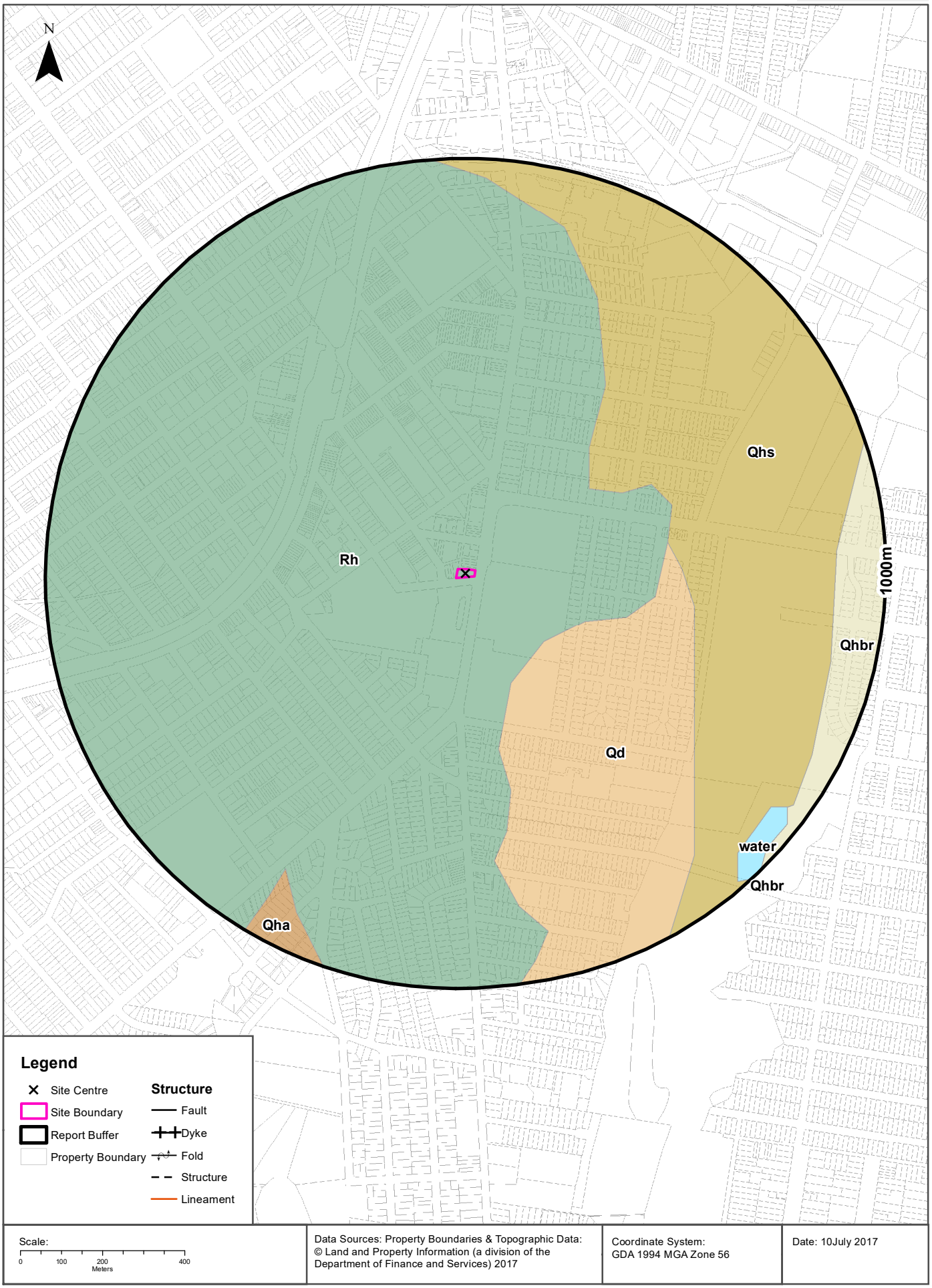

Geology

131 Princes Highway, Kogarah, NSW 2217

Geological Units

What are the Geological Units onsite?

Symbol	Description	Unit Name	Group	Sub Group	Age	Dom Lith	Map Sheet	Dataset
Rh	Medium to coarse grained quartz sandstone, very minor shale and laminate lenses				Triassic		Sydney	1:100,000

What are the Geological Units within the dataset buffer?

Symbol	Description	Unit Name	Group	Sub Group	Age	Dom Lith	Map Sheet	Dataset
Qd	Medium to fine-grained marine sand with podsols				Quaternary		Sydney	1:100,000
Qha	Silty to peaty quartz sand, silt, and clay. Ferruginous and humic cementation in places. Common shell layers				Quaternary		Sydney	1:100,000
Qhbr	Quartz sand, minor shell content, interdune (swale) silt and fine sand				Quaternary		Sydney	1:100,000
Qhs	Peat, sandy peat, and mud.				Quaternary		Sydney	1:100,000
Rh	Medium to coarse grained quartz sandstone, very minor shale and laminate lenses				Triassic		Sydney	1:100,000
water							Sydney	1:100,000

Geological Structures

What are the Geological Structures onsite?

Feature	Name	Description	Map Sheet	Dataset
No features				1:100,000

What are the Geological Structures within the dataset buffer?

Feature	Name	Description	Map Sheet	Dataset
No features				1:100,000

Geological Data Source : NSW Department of Industry, Resources & Energy
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Naturally Occurring Asbestos Potential

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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												

Mining Subsidence District Data Source: © State of New South Wales through NSW Department of Industry, Resources & Energy

Soil Landscapes

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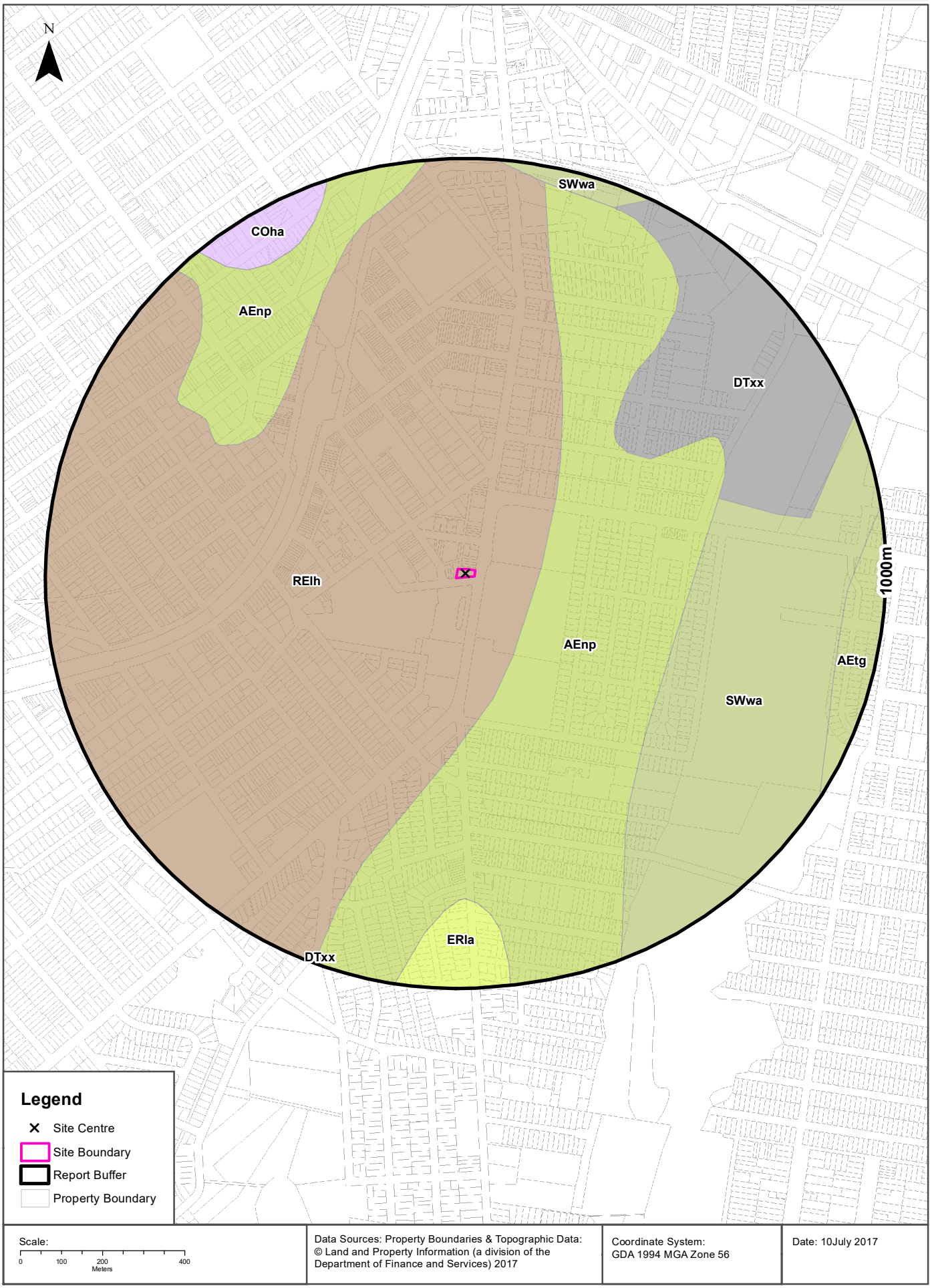

Soils

131 Princes Highway, Kogarah, NSW 2217

Soil Landscapes

What are the onsite Soil Landscapes?

Soil Code	Name	Group	Process	Map Sheet	Scale
REIh	LUCAS HEIGHTS		RESIDUAL	Sydney	1:100,000

What are the Soil Landscapes within the dataset buffer?

Soil Code	Name	Group	Process	Map Sheet	Scale
AEnp	NEWPORT		AEOLIAN	Sydney	1:100,000
AEtg	TUGGERAH		AEOLIAN	Sydney	1:100,000
COha	HAWKESBURY		COLLUVIAL	Sydney	1:100,000
DTxx	DISTURBED TERRAIN		DISTURBED TERRAIN	Sydney	1:100,000
ERla	LAMBERT		EROSIONAL	Sydney	1:100,000
REIh	LUCAS HEIGHTS		RESIDUAL	Sydney	1:100,000
SWwa	WARRIEWOOD		SWAMP	Sydney	1:100,000

Soils Landscapes Data Source : NSW Office of Environment and Heritage
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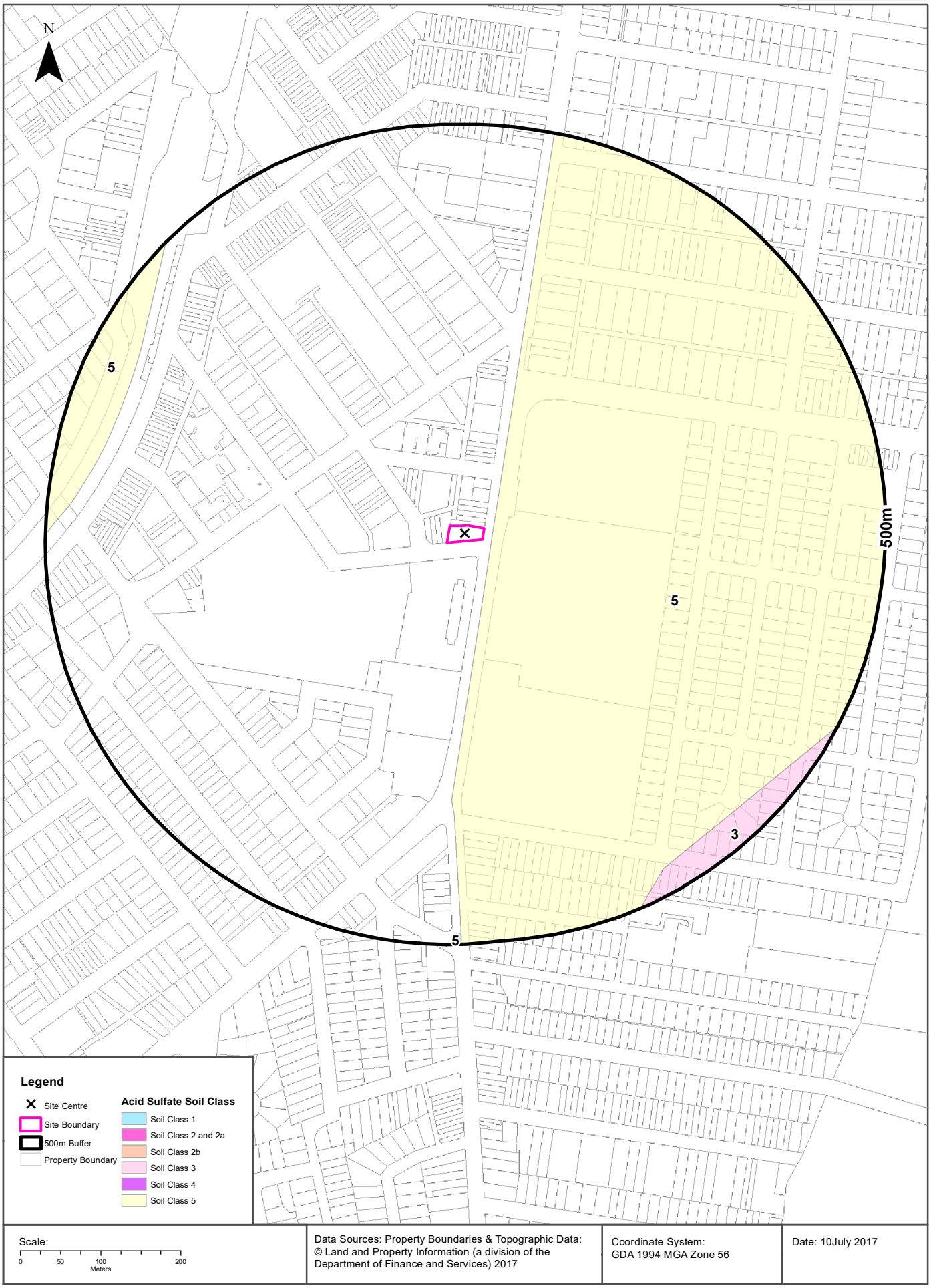
Acid Sulfate Soils

131 Princes Highway, Kogarah, NSW 2217



Standard Local Environmental Plan Acid Sulfate Soils

131 Princes Highway, Kogarah, NSW 2217

Standard Local Environmental Plan Acid Sulfate Soils

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

Soil Class	Description	LEP
N/A		

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

Soil Class	Description	LEP	Distance	Direction
N/A				

Acid Sulfate Data Source Accessed 07/10/2016: NSW Crown Copyright - Planning and Environment
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Dryland Salinity

131 Princes Highway, Kogarah, NSW 2217

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	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.

Dryland Salinity Potential of Western Sydney

Dryland Salinity Potential of Western Sydney within the dataset buffer?

Feature Id	Classification	Description	Distance	Direction
N/A	Outside Data Coverage			

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

131 Princes Highway, Kogarah, NSW 2217

Mining Subsidence Districts

Mining Subsidence Districts within the dataset buffer:

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

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

131 Princes Highway, Kogarah, NSW 2217

State Environmental Planning Policy Protected Areas

Are there any State Environmental Planning Policy Protected Areas onsite or within the dataset buffer?

Dataset	Onsite	Within Site Buffer	Distance
SEPP14 - Coastal Wetlands	No	No	N/A
SEPP26 - Littoral Rainforests	No	No	N/A
SEPP71 - Coastal Protection Zone	No	No	N/A

SEPP Protected Areas Data Source: NSW Department of Planning & Environment
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State Environmental Planning Policy Major Developments (2005)

State Environmental Planning Policy Major Developments within the dataset buffer:

Map Id	Feature	Effective Date	Distance	Direction
N/A	No records within buffer			

SEPP Major Development Data Source: NSW Department of Planning & Environment
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State Environmental Planning Policy Strategic Land Use Areas

State Environmental Planning Policy Strategic Land Use Areas onsite or within the dataset buffer:

Strategic Land Use	SEPPNo	Effective Date	Amendment	Amendment Year	Distance	Direction
No records within buffer						

SEPP Strategic Land Use Data Source: NSW Department of Planning & Environment
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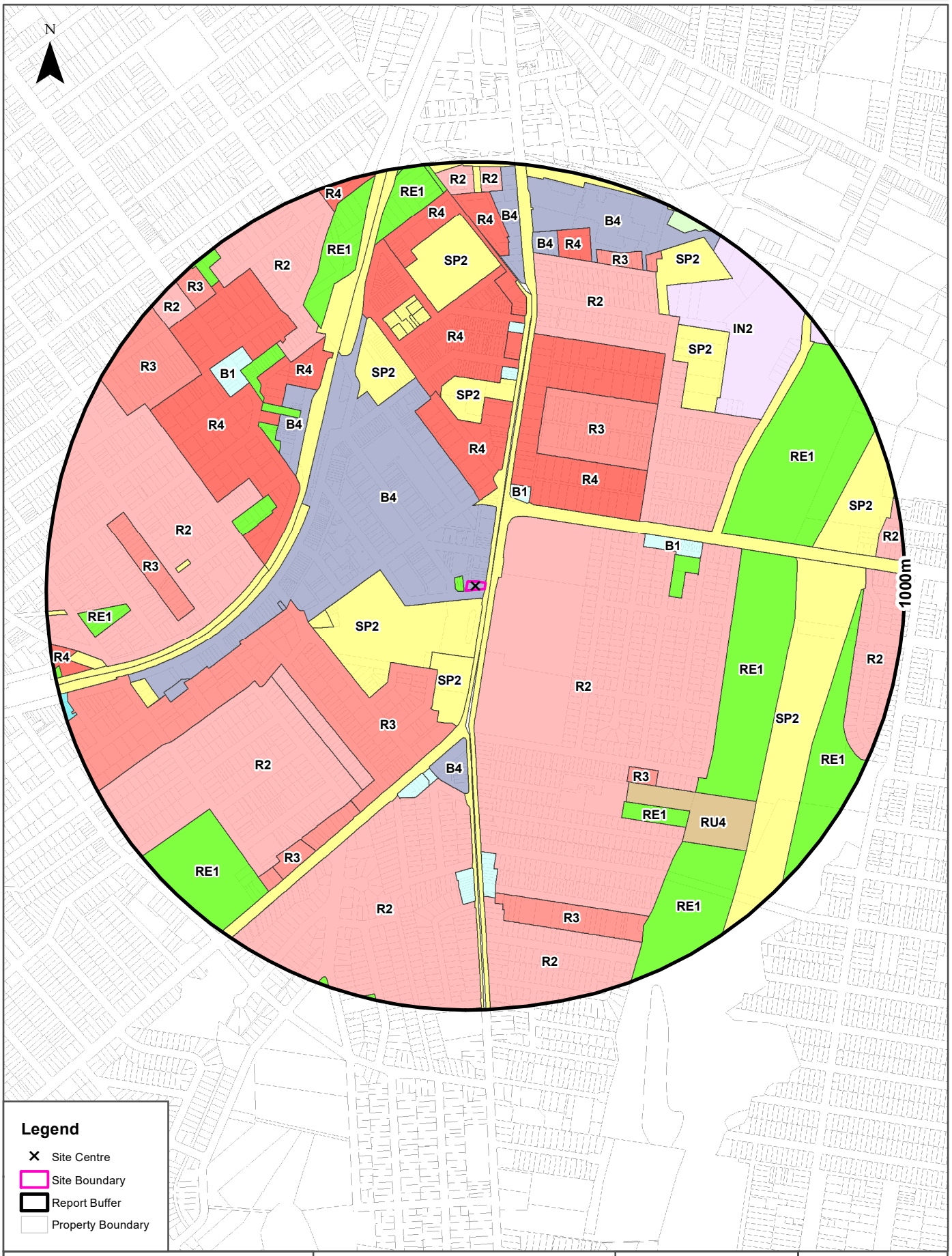
LEP Planning Zones

131 Princes Highway, Kogarah, NSW 2217



Legend

- ✕ Site Centre
- Site Boundary
- Report Buffer
- Property Boundary

Scale: 0 100 200 400 Meters	Data Sources: Property Boundaries & Topographic Data: © Land and Property Information (a division of the Department of Finance and Services) 2017 Planning: NSW Crown Copyright - Planning & Environment	Coordinate System: GDA 1994 MGA Zone 56	Date: 10July 2017

Local Environmental Plan

131 Princes Highway, Kogarah, NSW 2217

Land Zoning

What Local Environmental Plan Land Zones exist within the dataset buffer?

Zone	Description	Purpose	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
B4	Mixed Use		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		0m	Onsite
SP2	Infrastructure	Classified Road	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		0m	South West
RE1	Public Recreation		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		6m	West
SP2	Infrastructure	Classified Road	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		11m	North East
SP2	Infrastructure	Health Services Facilities	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		20m	South West
R2	Low Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		25m	South East
SP2	Infrastructure	Educational Establishment	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		157m	South
R4	High Density Residential		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	194m	North
R3	Medium Density Residential		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		201m	West
B1	Neighbourhood Centre		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		213m	North East
R4	High Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		218m	North East
SP2	Infrastructure	Emergency Services Facility	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		328m	West
R3	Medium Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		332m	North East
B4	Mixed Use		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		350m	South
SP2	Infrastructure	Educational Establishment	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		378m	North
B1	Neighbourhood Centre		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		386m	East
R2	Low Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		395m	North East
SP2	Infrastructure	Rail Infrastructure Facilities	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		416m	West
B4	Mixed Use	Electricity Transmission & Distribution	Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	430m	West
B1	Neighbourhood Centre		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	433m	South
SP2	Infrastructure	Railway	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		435m	North
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		437m	East
R4	High Density Residential		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	446m	North
B1	Neighbourhood Centre		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		448m	South
R4	High Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		450m	North West
R2	Low Density Residential		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		451m	South
R2	Low Density Residential		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	454m	South West
SP2	Infrastructure	Railway	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		472m	West

Zone	Description	Purpose	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
SP2	Infrastructure	Educational Establishment	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		472m	North West
B4	Mixed Use		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		479m	North West
R2	Low Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		485m	North West
B1	Neighbourhood Centre		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		489m	North
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		489m	West
R2	Low Density Residential		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		491m	South West
R4	High Density Residential		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	537m	North
R3	Medium Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		545m	South East
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		546m	North West
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		561m	North West
R3	Medium Density Residential		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	571m	South West
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		573m	North East
RU4	Primary Production Small Lots		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		574m	South East
R4	High Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		581m	North West
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		592m	East
SP2	Infrastructure		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	597m	North
B1	Neighbourhood Centre		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		600m	North
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		606m	South East
SP2	Infrastructure		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	607m	North
SP2	Infrastructure	Rail Infrastructure Facilities	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		611m	North
SP2	Infrastructure		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	615m	North
SP2	Infrastructure		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	618m	North
SP2	Infrastructure		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	622m	North
B1	Neighbourhood Centre		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		623m	South
SP2	Infrastructure	Depot	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		626m	North East
R4	High Density Residential		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	644m	North
SP2	Infrastructure	Educational Establishment	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		647m	North
R3	Medium Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		649m	West
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		649m	North West
B1	Neighbourhood Centre		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		660m	South
SP2	Infrastructure	Drainage	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		660m	West
IN2	Light Industrial		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		681m	North East
B4	Mixed Use		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	688m	West
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		697m	North
B1	Neighbourhood Centre		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		705m	North West
R3	Medium Density Residential		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		712m	South West

Zone	Description	Purpose	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
B4	Mixed Use		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		719m	North
R3	Medium Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		723m	South
R2	Low Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		729m	South
SP2	Infrastructure	Classified Road	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		736m	South East
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		764m	South East
SP2	Infrastructure	Defence	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		764m	North East
SP2	Infrastructure	Electricity Transmission & Distribution	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		776m	West
R4	High Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		778m	North
SP2	Infrastructure	Classified Road	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		782m	North East
B4	Mixed Use		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		796m	North
R4	High Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		798m	North
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		800m	West
RE1	Public Recreation		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		803m	South West
R3	Medium Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		804m	North West
R3	Medium Density Residential		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	804m	South West
B4	Mixed Use		Rockdale Local Environmental Plan 2011	05/06/2015	05/06/2015	17/03/2017	Amendment No 8	806m	North
R3	Medium Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		808m	North East
RE1	Public Recreation		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		832m	North
R3	Medium Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		838m	North East
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		855m	South East
SP2	Infrastructure	Electricity Works	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		876m	West
R2	Low Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		892m	South East
R4	High Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		908m	West
R3	Medium Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		912m	North West
R2	Low Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		925m	North
SP2	Infrastructure	Drainage	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		928m	North
R2	Low Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		929m	North
R2	Low Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		930m	East
RE1	Public Recreation		Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	930m	North
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		931m	North West
R4	High Density Residential		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		937m	North
SP2	Infrastructure	Drainage	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		951m	West
RE2	Private Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		957m	North East
IN2	Light Industrial		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		963m	North East
SP2	Infrastructure	Classified Road	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		971m	North
B2	Local Centre		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		973m	West

Zone	Description	Purpose	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
SP2	Infrastructure	Classified Road	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		977m	North
RE1	Public Recreation		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		980m	South
RE1	Public Recreation		Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		985m	South
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		985m	West
RE1	Public Recreation		Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	17/03/2017		992m	East
SP2	Infrastructure	Health Services Facilities	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	26/05/2017		994m	South

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Local Environmental Plan

131 Princes Highway, Kogarah, NSW 2217

Minimum Subdivision Lot Size

What are the onsite Local Environmental Plan Minimum Subdivision Lot Sizes?

Symbol	Minimum Lot Size	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Percentage of Site Area
No Data							

Maximum Height of Building

What are the onsite Local Environmental Plan Maximum Height of Buildings?

Symbol	Maximum Height of Building	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Percentage of Site Area
22	39.00 m	Kogarah Local Environmental Plan 2012	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	99.9

Floor Space Ratio

What are the onsite Local Environmental Plan Floor Space Ratios?

Symbol	Floor Space Ratio	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Percentage of Site Area
25	4.50	LEP	26/05/2017	26/05/2017	26/05/2017	Amendment No 2	99.9

Land Application

What are the onsite Local Environmental Plan Land Applications?

Application Type	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Percentage of Site Area
Included	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	08/02/2013		100

Land Reservation Acquisition

What are the onsite Local Environmental Plan Land Reservation Acquisitions?

Reservation	LEP	Published Date	Commenced Date	Currency Date	Amendment	Comments	Percentage of Site Area
No Data							

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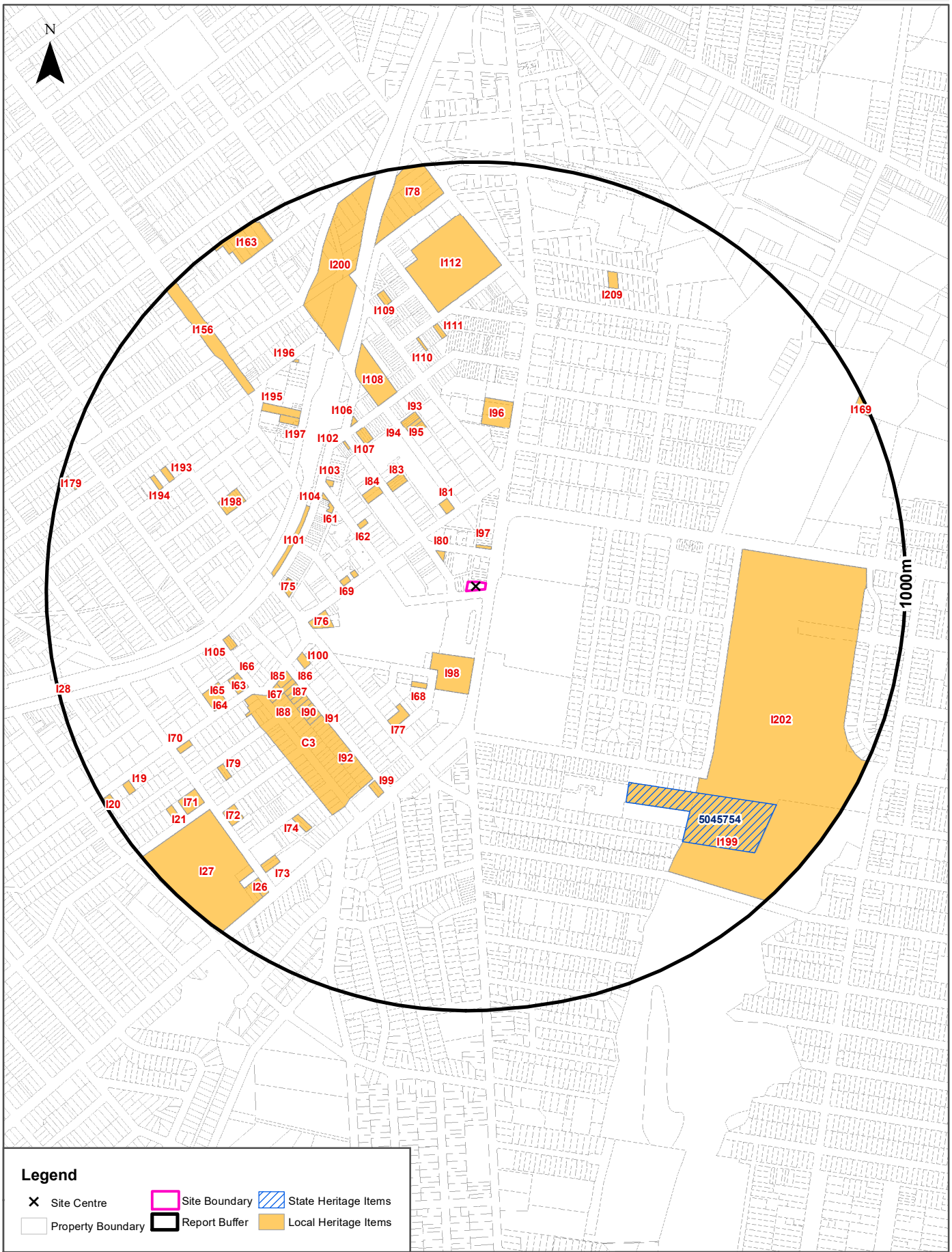
Heritage Items

131 Princes Highway, Kogarah, NSW 2217



Heritage

131 Princes Highway, Kogarah, NSW 2217

State Heritage Items

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

Map Id	Name	Address	LGA	Listing Date	Listing No	Plan No	Distance	Direction
5045754	Toomevara Lane Chinese Market Gardens	Toomevara Lane, Kogarah	Rockdale	02/04/1999	1394	2259	574m	South East

Heritage Data Source: NSW Crown Copyright - Planning & Environment
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Local Heritage Items

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

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I80	Shop and residence	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	76m	North West
I97	Shop and residence	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	81m	North
I98	St Patrick's Catholic Church	Item - General	Local	Kogarah Local Environmental Plan 2012	25/05/2017	25/05/2017	25/05/2017	157m	South
I81	Former Sixth Church of Christ Scientist - Grace Chinese Church	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	171m	North
I68	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	240m	South West
I69	Kogarah Presbyterian Church	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	261m	West
I62	House and garden, 'Tokio'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	278m	North West
I83	Terraces, 'Leah Buildings'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	281m	North West
I84	Kogarah Courthouse	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	295m	North West
I77	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	312m	South West
I76	Kogarah Fire Station	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	328m	West
I61	Former Commonwealth Bank	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	364m	North West
I95	Terraces, 'Burn Brae'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	370m	North
I96	St Paul's Anglican Church and Hall	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	374m	North
I104	Shops and offices	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	382m	North West

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I94	House and garden, 'Stanmer'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	388m	North
I103	Former Post Office	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	395m	North West
I93	Terraces	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	397m	North
I75	Terraces	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	403m	West
I107	Shops	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	408m	North West
I100	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	409m	South West
I101	H.V. Evatt Memorial Reserve	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	416m	West
I102	Shop	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	425m	North West
C3	Kogarah South Heritage Conservation Area	Conservation Area - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	454m	South West
I90	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	454m	South West
I91	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	454m	South West
I89	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	455m	South West
I88	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	457m	South West
I87	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	458m	South West
I86	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	460m	South West
I85	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	462m	South West
I106	Shop	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	466m	North West
I92	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	470m	South West
I108	Kogarah High School (original three storey school building)	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	472m	North West
I67	Kogarah School of Arts	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	498m	South West
I99	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	502m	South West
I197	Peach Chambers - Federation style commercial building	Item - General	Local	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	551m	North West
I110	House and garden, 'Hindmarsh'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	560m	North
I105	'Subway Shops'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	561m	West
I195	Queens Avenue landscaping	Item - General	Local	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	561m	North West

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I198	Taylor Street Group	Item - General	Local	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	564m	West
I66	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	567m	West
I199	Market Garden	Item - General	State	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	574m	South East
I63	House and garden, 'Ulmarra'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	582m	West
I111	Terraces and garden, 'Beatrice' and 'Lillyville'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	583m	North
I202	Patmore Swamp	Item - General	Local	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	592m	South East
I64	House and garden, 'Abestay'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	627m	South West
I65	House and garden, 'Essieville''	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	627m	South West
I200	Frys Reserve (including railway land)	Item - General	Local	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	629m	North West
I112	St George Girls High School (two storey main building)	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	647m	North
I196	Stone cottage only	Item - General	Local	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	661m	North West
I74	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	666m	South West
I156	Street plantings	Item - General	Local	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	684m	North West
I109	House and garden, 'Lindhurst Gallery'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	687m	North
I79	Semi-detached dwellings and garden, 'Falston'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	712m	South West
I193	House	Item - General	Local	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	741m	West
I70	House and garden, 'Bayview'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	748m	South West
I72	House and garden	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	751m	South West
I194	Sandstone Victorian cottage	Item - General	Local	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	761m	West
I209	Banbury Cottage	Item - General	Local	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	764m	North East
I73	Terraces, 'Te Komaraki'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	777m	South West
I71	House and garden, 'The Laurels'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	801m	South West
I27	Kogarah Park/Jubilee Oval (including Reserve, War Memorial and Oval)	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	803m	South West
I78	Hogben Park	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	832m	North
I26	Former Kogarah Hotel	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	844m	South West

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I21	House and garden, 'The Cobbles'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	868m	South West
I19	House and garden, 'Winchester'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	919m	South West
I163	Marist College	Item - General	Local	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	930m	North West
I179	Cottage (half of semi-detached dwelling)	Item - General	Local	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	958m	West
I169	Kings Wetland	Item - General	Local	Rockdale Local Environmental Plan 2011	05/12/2011	05/12/2011	21/10/2016	966m	North East
I28	Carlton Railway Station	Item - General	Local	Kogarah Local Environmental Plan 2012	25/05/2017	25/05/2017	25/05/2017	970m	West
I20	House and garden, 'Linden'	Item - General	Local	Kogarah Local Environmental Plan 2012	25/01/2013	08/02/2013	25/05/2017	975m	South West

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Natural Hazards

131 Princes Highway, Kogarah, NSW 2217

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 within buffer		

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Ecological Constraints - Native Vegetation & RAMSAR Wetlands

131 Princes Highway, Kogarah, NSW 2217

Legend

- Site Centre
- Site Boundary
- Report Buffer
- Property Boundary
- Rainforest
- Wet Sclerophyll Forests
- Dry Sclerophyll Forests
- Forested Wetlands
- Grassy Woodlands
- Heathlands
- Grasslands
- Freshwater Wetlands
- Saline Wetlands
- Artificial Wetlands
- Water
- Other
- RAMSAR Wetlands

Scale: 0 100 200 400 Meters

Data Sources: Property Boundaries & Topographic Data: © Land and Property Information (a division of the Department of Finance and Services) 2017

Coordinate System: GDA 1994 MGA Zone 56

Date: 10July 2017

Ecological Constraints

131 Princes Highway, Kogarah, NSW 2217

Native Vegetation

What native vegetation exists within the dataset buffer?

Map ID	Map Unit Name	Threatened Ecological Community NSW	Threatened Ecological Community EPBC Act	Understorey	Disturbance	Disturbance Index	Dominant Species	Dist	Direction
Urban_E/N	Urban_E/N: Urban Exotic/Native			00: Not assessed	00: Not assessed	0: Not assessed	Urban Exotic/Native	40m	South East
S_FrW06	S_FrW06: Estuarine Reedland	Swamp Oak Floodplain Forest		00: Not assessed	00: Not assessed	0: Not assessed	P.australis/B.juncea	587m	South East
S_FoW03	S_FoW03: Coastal Freshwater Swamp Forest			18: Swampy sedges, shrubs, ferns and herbs	99: No visible disturbance	5: No visible disturbance	M.ericifoliaC.glauca	603m	East
Weed_Ex	Weed_Ex: Weeds and Exotics			00: Not assessed	00: Not assessed	0: Not assessed	Exotic Species >90%cover	607m	South East
UD_Reg_Shr	UD_Reg_Shr: Undifferentiated Regenerating Shrubs			00: Not assessed	00: Not assessed	0: Not assessed	Undifferentiated Regenerating Scrubs	626m	East
S_FoW12	S_FoW12: Coastal Swamp Paperbark-Swamp Oak Scrub	Swamp Oak Floodplain Forest		18: Swampy sedges, shrubs, ferns and herbs	13: Weeds	3: High	M.ericifoliaC.glauca	708m	East
S_DSF04	S_DSF04: Coastal Enriched Sandstone Dry Forest			20: Weeds and exotics	20: Previously cleared 1943	3: High	E.pilularis/A.costata/C.gummifera E.resinifera	718m	North
Water	Water			00: Not assessed	00: Not assessed	0: Not assessed	Water	736m	East

Native Vegetation of the Sydney Metropolitan Area : NSW Office of Environment and Heritage
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RAMSAR Wetlands

What RAMSAR Wetland areas exist within the dataset buffer?

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

RAMSAR Wetlands Data Source: © Commonwealth of Australia - Department of Environment

Ecological Constraints

131 Princes Highway, Kogarah, NSW 2217

ATLAS of NSW Wildlife

Endangered &Vulnerable Species on the ATLAS of NSW Wildlife database, within 10km of the site?

Class	Family	Scientific	Common	Exotic	NSW Status	Commonwealth Status
Amphibia	Hylidae	Litoria aurea	Green and Golden Bell Frog	No	Endangered, Protected	Vulnerable
Amphibia	Myobatrachidae	Crinia tinnula	Wallum Froglet	No	Vulnerable, Protected	
Amphibia	Myobatrachidae	Pseudophryne australis	Red-crowned Toadlet	No	Vulnerable, Protected	
Aves	Acanthizidae	Calamanthus fuliginosus	Striated Fieldwren	No	Endangered, Protected	
Aves	Accipitridae	Circus assimilis	Spotted Harrier	No	Vulnerable, Protected	
Aves	Accipitridae	Haliaeetus leucogaster	White-bellied Sea-Eagle	No	Vulnerable, Protected	CAMBA
Aves	Accipitridae	Hieraaetus morphnoides	Little Eagle	No	Vulnerable, Protected	
Aves	Accipitridae	Lophoictinia isura	Square-tailed Kite	No	Vulnerable, Protected, Category 3 Sensitive Species	
Aves	Accipitridae	Pandion cristatus	Eastern Osprey	No	Vulnerable, Protected, Category 3 Sensitive Species	
Aves	Anatidae	Oxyura australis	Blue-billed Duck	No	Vulnerable, Protected	
Aves	Anatidae	Stictonetta naevosa	Freckled Duck	No	Vulnerable, Protected	
Aves	Ardeidae	Botaurus poiciloptilus	Australasian Bittern	No	Endangered, Protected	Endangered
Aves	Artamidae	Artamus cyanopterus cyanopterus	Dusky Woodswallow	No	Vulnerable, Protected	
Aves	Burhinidae	Burhinus grallarius	Bush Stone-curlew	No	Endangered, Protected	
Aves	Burhinidae	Esacus magnirostris	Beach Stone-curlew	No	Critically Endangered Species, Protected	
Aves	Cacatuidae	Callocephalon fimbriatum	Gang-gang Cockatoo	No	Vulnerable, Protected, Category 3 Sensitive Species	
Aves	Cacatuidae	Calyptorhynchus lathami	Glossy Black-Cockatoo	No	Vulnerable, Protected, Category 2 Sensitive Species	
Aves	Cacatuidae	Lophochroa leadbeateri	Major Mitchell's Cockatoo	No	Vulnerable, Protected, Category 2 Sensitive Species	
Aves	Charadriidae	Charadrius leschenaultii	Greater Sand-plover	No	Vulnerable, Protected	V,C,J,K
Aves	Charadriidae	Charadrius mongolus	Lesser Sand-plover	No	Vulnerable, Protected	E,C,J,K
Aves	Charadriidae	Thinornis rubricollis	Hooded Plover	No	Critically Endangered Species, Protected	Vulnerable
Aves	Ciconiidae	Ephippiorhynchus asiaticus	Black-necked Stork	No	Endangered, Protected	
Aves	Columbidae	Ptilinopus superbus	Superb Fruit-Dove	No	Vulnerable, Protected	
Aves	Diomedeidae	Diomedea exulans	Wandering Albatross	No	Endangered, Protected	E,J
Aves	Diomedeidae	Thalassarche cauta	Shy Albatross	No	Vulnerable, Protected	Vulnerable
Aves	Diomedeidae	Thalassarche melanophris	Black-browed Albatross	No	Vulnerable, Protected	Vulnerable
Aves	Estrildidae	Stagonopleura guttata	Diamond Firetail	No	Vulnerable, Protected	
Aves	Haematopodidae	Haematopus fuliginosus	Sooty Oystercatcher	No	Vulnerable, Protected	
Aves	Haematopodidae	Haematopus longirostris	Pied Oystercatcher	No	Endangered, Protected	
Aves	Laridae	Onychoprion fuscata	Sooty Tern	No	Vulnerable, Protected	

Class	Family	Scientific	Common	Exotic	NSW Status	Commonwealth Status
Aves	Laridae	Procelsterna cerulea	Grey Ternlet	No	Vulnerable, Protected	
Aves	Laridae	Sternula albifrons	Little Tern	No	Endangered, Protected	CAMBA, JAMBA, ROKAMBA
Aves	Meliphagidae	Anthochaera phrygia	Regent Honeyeater	No	Critically Endangered Species, Protected	Critically Endangered
Aves	Meliphagidae	Epthianura albifrons	White-fronted Chat	No	Vulnerable, Protected	
Aves	Meliphagidae	Epthianura albifrons	White-fronted Chat population in the Sydney Metropolitan Catchment Management Area	No	Endangered Population, Vulnerable, Protected	
Aves	Neosittidae	Daphoenositta chrysoptera	Varied Sittella	No	Vulnerable, Protected	
Aves	Petroicidae	Petroica boodang	Scarlet Robin	No	Vulnerable, Protected	
Aves	Petroicidae	Petroica phoenicea	Flame Robin	No	Vulnerable, Protected	
Aves	Procellariidae	Ardenna carneipes	Flesh-footed Shearwater	No	Vulnerable, Protected	J,K
Aves	Procellariidae	Pterodroma nigripennis	Black-winged Petrel	No	Vulnerable, Protected	
Aves	Psittacidae	Glossopsitta porphyrocephala	Purple-crowned Lorikeet	No	Vulnerable, Protected, Category 3 Sensitive Species	
Aves	Psittacidae	Glossopsitta pusilla	Little Lorikeet	No	Vulnerable, Protected	
Aves	Psittacidae	Lathamus discolor	Swift Parrot	No	Endangered, Protected, Category 3 Sensitive Species	Critically Endangered
Aves	Psittacidae	Neophema pulchella	Turquoise Parrot	No	Vulnerable, Protected, Category 3 Sensitive Species	
Aves	Psittacidae	Polytelis swainsonii	Superb Parrot	No	Vulnerable, Protected, Category 3 Sensitive Species	Vulnerable
Aves	Rostratulidae	Rostratula australis	Australian Painted Snipe	No	Endangered, Protected	Endangered
Aves	Scolopacidae	Calidris alba	Sanderling	No	Vulnerable, Protected	CAMBA, JAMBA, ROKAMBA
Aves	Scolopacidae	Calidris ferruginea	Curlew Sandpiper	No	Endangered, Protected	CE,C,J,K
Aves	Scolopacidae	Calidris tenuirostris	Great Knot	No	Vulnerable, Protected	CE,C,J,K
Aves	Scolopacidae	Limicola falcinellus	Broad-billed Sandpiper	No	Vulnerable, Protected	CAMBA, JAMBA, ROKAMBA
Aves	Scolopacidae	Limosa limosa	Black-tailed Godwit	No	Vulnerable, Protected	CAMBA, JAMBA, ROKAMBA
Aves	Scolopacidae	Xenus cinereus	Terek Sandpiper	No	Vulnerable, Protected	CAMBA, JAMBA, ROKAMBA
Aves	Strigidae	Ninox strenua	Powerful Owl	No	Vulnerable, Protected, Category 3 Sensitive Species	
Aves	Tytonidae	Tyto novaehollandiae	Masked Owl	No	Vulnerable, Protected, Category 3 Sensitive Species	
Mammalia	Balaenidae	Eubalaena australis	Southern Right Whale	No	Endangered, Protected	Endangered
Mammalia	Balaenopteridae	Megaptera novaeangliae	Humpback Whale	No	Vulnerable, Protected	Vulnerable
Mammalia	Dugongidae	Dugong dugon	Dugong	No	Endangered, Protected	
Mammalia	Emballonuridae	Saccolaimus flaviventris	Yellow-bellied Sheathtail-bat	No	Vulnerable, Protected	
Mammalia	Molossidae	Mormopterus norfolkensis	Eastern Freetail-bat	No	Vulnerable, Protected	
Mammalia	Otariidae	Arctocephalus forsteri	New Zealand Fur-seal	No	Vulnerable, Protected	
Mammalia	Otariidae	Arctocephalus pusillus doriferus	Australian Fur-seal	No	Vulnerable, Protected	
Mammalia	Peramelidae	Perameles nasuta	Long-nosed Bandicoot population in inner western Sydney	No	Endangered Population, Protected	
Mammalia	Phascolarctidae	Phascolarctos cinereus	Koala	No	Vulnerable, Protected	Vulnerable
Mammalia	Pteropodidae	Pteropus poliocephalus	Grey-headed Flying-fox	No	Vulnerable, Protected	Vulnerable
Mammalia	Vespertilionidae	Miniopterus australis	Little Bentwing-bat	No	Vulnerable, Protected	

Class	Family	Scientific	Common	Exotic	NSW Status	Commonwealth Status
Mammalia	Vespertilionidae	Miniopterus schreibersii oceanensis	Eastern Bentwing-bat	No	Vulnerable, Protected	
Mammalia	Vespertilionidae	Myotis macropus	Southern Myotis	No	Vulnerable, Protected	
Mammalia	Vespertilionidae	Scoteanax rueppellii	Greater Broad-nosed Bat	No	Vulnerable, Protected	
Reptilia	Cheloniidae	Caretta caretta	Loggerhead Turtle	No	Endangered, Protected	Endangered
Reptilia	Cheloniidae	Chelonia mydas	Green Turtle	No	Vulnerable, Protected	Vulnerable
Flora	Asteraceae	Senecio spathulatus	Coast Groundsel	No	Endangered, Protected	
Flora	Campanulaceae	Wahlenbergia multicaulis	Tadgell's Bluebell in the local government areas of Auburn, Bankstown, Baulkham Hills, Canterbury, Hornsby, Parramatta and Strathfield	No	Endangered Population	
Flora	Casuarinaceae	Allocasuarina diminuta subsp. mimica	Allocasuarina diminuta subsp. mimica L.A.S.Johnson population in the Sutherland and Liverpool local government areas	No	Endangered Population	
Flora	Convolvulaceae	Wilsonia backhousei	Narrow-leafed Wilsonia	No	Vulnerable, Protected	
Flora	Dilleniaceae	Hibbertia puberula		No	Endangered, Protected	
Flora	Dilleniaceae	Hibbertia stricta subsp. furcatula		No	Endangered, Protected	
Flora	Elaeocarpaceae	Tetratheca juncea	Black-eyed Susan	No	Vulnerable, Protected	Vulnerable
Flora	Ericaceae	Epacris purpurascens var. purpurascens		No	Vulnerable, Protected	
Flora	Ericaceae	Leucopogon exolasius	Woronora Beard-heath	No	Vulnerable, Protected	Vulnerable
Flora	Euphorbiaceae	Chamaesyce psammogeton	Sand Spurge	No	Endangered, Protected	
Flora	Fabaceae (Mimosoideae)	Acacia bynoeana	Bynoe's Wattle	No	Endangered, Protected	Vulnerable
Flora	Fabaceae (Mimosoideae)	Acacia prominens	Gosford Wattle, Hurstville and Kogarah Local Government Areas	No	Endangered Population	
Flora	Fabaceae (Mimosoideae)	Acacia pubescens	Downy Wattle	No	Vulnerable, Protected	Vulnerable
Flora	Fabaceae (Mimosoideae)	Acacia terminalis subsp. terminalis	Sunshine Wattle	No	Endangered, Protected	Endangered
Flora	Juncaginaceae	Maundia triglochinoides		No	Vulnerable, Protected	
Flora	Lamiaceae	Prostanthera densa	Villous Mint-bush	No	Vulnerable, Protected	Vulnerable
Flora	Myrtaceae	Callistemon linearifolius	Netted Bottle Brush	No	Vulnerable, Protected, Category 3 Sensitive Species	
Flora	Myrtaceae	Eucalyptus nicholii	Narrow-leaved Black Peppermint	No	Vulnerable, Protected	Vulnerable
Flora	Myrtaceae	Melaleuca deanei	Deane's Paperbark	No	Vulnerable, Protected	Vulnerable
Flora	Myrtaceae	Syzygium paniculatum	Magenta Lilly Pilly	No	Endangered, Protected	Vulnerable
Flora	Orchidaceae	Caladenia tessellata	Thick Lip Spider Orchid	No	Endangered, Protected, Category 2 Sensitive Species	Vulnerable
Flora	Poaceae	Deyeuxia appressa		No	Endangered, Protected	Endangered
Flora	Proteaceae	Persoonia hirsuta	Hairy Geebung	No	Endangered, Protected, Category 3 Sensitive Species	Endangered

Data does not include records not defined as either endangered or vulnerable, and category 1 sensitive species are also excluded. NSW Office of Environment and Heritage's Atlas of NSW Wildlife, which holds data from a number of custodians. Data obtained 10/07/2017

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APPENDIX D: BORE RECORDS

WaterNSW
Work Summary

GW023985

Licence: 10WA112939
Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,GENERAL USE
Intended Purpose(s): GENERAL USE

Work Type: Spear
Work Status:
Construct.Method:
Owner Type: Private

Commenced Date:
Completion Date: 01/02/1966
Final Depth: 5.70 m
Drilled Depth: 5.80 m

Contractor Name: (None)
Driller:
Assistant Driller:

Property: N/A NSW
GWMA: 018
GW Zone:
Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

	County	Parish	Cadastre
Form A:	CUMBERLAND	ST GEORGE	99999
Licensed:	CUMBERLA	STGEORGE	Whole Lot 93//27184

Region: 10 - Sydney South Coast
River Basin: 213 - SYDNEY COAST - GEORGES RIVER
Area/District:
CMA Map: 9130-3S
Grid Zone:
Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)
Northing: 6239810.000
Easting: 328146.000
Latitude: 33°58'05.6"S
Longitude: 151°08'23.6"E

GS Map: -
MGA Zone: 56
Coordinate Source: GD.,PR. MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing		0.00	4.50	101			Cemented

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
3.30	5.70	2.40	Unconsolidated			0.48			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Soil	Soil	
0.91	3.04	2.13	Sand Dry	Sand	
3.04	3.35	0.31	Sand Wet	Sand	
3.35	5.79	2.44	Sand White Water Supply	Sand	

Remarks

07/08/1974: SITED 37 TRAYNOR AV. KOGARAH

***** End of GW023985 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW
Work Summary

GW024615

Licence: 10WA108143
Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Spear
Work Status:
Construct.Method: Pre-drilled
Owner Type: Private

Commenced Date:
Completion Date: 01/06/1966
Final Depth:
Drilled Depth: 5.50 m

Contractor Name: (None)
Driller:
Assistant Driller:

Property: N/A NSW
GWMA: 603
GW Zone:
Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

	County	Parish	Cadastre
Form A:	CUMBERLAND	ST GEORGE	99999
Licensed:	CUMBERLA	STGEORGE	Whole Lot

Region: 10 - Sydney South Coast
River Basin: 213 - SYDNEY COAST - GEORGES RIVER
Area/District:
CMA Map: 9130-3S
Grid Zone:
Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)
Northing: 6239673.000
Easting: 327814.000
Latitude: 33°58'09.8"S
Longitude: 151°08'10.5"E

GS Map: -
MGA Zone: 56
Coordinate Source: GD.,PR. MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Corrugated Galvan	-0.60	4.20	101			Driven into Hole
1	1	Casing	Corrugated Galvan	-0.30	-0.30	38			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
3.60	5.40	1.80	Unconsolidated						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	5.48	5.48	Sand Water Supply	Sand	

Remarks

07/08/1974: SITED 40 LACHAL AVE. KOGARAH

***** End of GW024615 *****

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WaterNSW
Work Summary

GW107374

Licence: 10BL163614 **Licence Status:** CONVERTED

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Spear
Work Status: Supply Obtained
Construct.Method: Jetted - Water
Owner Type: Private

Commenced Date:
Completion Date: 01/10/2005
Final Depth: 10.00 m
Drilled Depth: 10.00 m

Contractor Name:
Driller: Barry Donald Rogan
Assistant Driller:

Property: WILSON 41 The Grand Pde BRIGHTON-LE-SANDS 2217 NSW
GWMA:
GW Zone:
Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

	County	Parish	Cadastre
Form A:	CUMBERLAND	ST GEORGE	81 27184
Licensed:	CUMBERLA	STGEORGE	Whole Lot 81//27184

Region: 10 - Sydney South Coast
River Basin: 213 - SYDNEY COAST - GEORGES RIVER
Area/District:
CMA Map: 9130-3S
Grid Zone:
Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown
Northing: 6239739.000
Easting: 328181.000
Latitude: 33°58'07.9"S
Longitude: 151°08'24.9"E

GS Map: -
MGA Zone: 56
Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	10.00	100			Jetted - Water
1	1	Casing	P.V.C.	0.00	6.00	100			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	10.00	10.00	sand	Sand	

Remarks

30/03/2010: updated from original form A

***** End of GW107374 *****

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WaterNSW
Work Summary

GW107606

Licence: 10BL165683
Licence Status: CONVERTED

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Spear
Work Status:
Construct.Method:
Owner Type: Private

Commenced Date:
Completion Date: 30/10/2005
Final Depth: 7.00 m
Drilled Depth: 7.00 m

Contractor Name:
Driller: Barry Donald Rogan
Assistant Driller:

Property: BOUNDS 39 Traynor Ave KOGARAH 2217 NSW
GWMA:
GW Zone:
Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

	County	Parish	Cadastre
Form A:	CUMBERLAND	ST GEORGE	86//27184
Licensed:	CUMBERLA	STGEORGE	Whole Lot 86//27184

Region: 10 - Sydney South Coast
River Basin: 213 - SYDNEY COAST - GEORGES RIVER
Area/District:
CMA Map: 9130-3S
Grid Zone:
Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown
Northing: 6239694.000
Easting: 328128.000
Latitude: 33°58'09.3"S
Longitude: 151°08'22.8"E

GS Map: -
MGA Zone: 56
Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	7.00	100			Unknown
1	1	Casing	P.V.C.	0.00	7.00	10			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	7.00	7.00	sand	Sand	

Remarks

08/04/2010: updated from original form A

***** End of GW107606 *****

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WaterNSW
Work Summary

GW107743

Licence: 10BL165931
Licence Status: CONVERTED

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Spear
Work Status: Supply Obtained
Construct.Method: Jetted - Water
Owner Type: Private

Commenced Date:
Completion Date: 10/01/2006
Final Depth: 6.00 m
Drilled Depth: 6.00 m

Contractor Name:
Driller: Barry Donald Rogan
Assistant Driller:

Property: BURNETT 20 Fairway Ave KOGARAH 2217 NSW
GWMA:
GW Zone:
Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

	County	Parish	Cadastre
Form A:	CUMBERLAND	ST GEORGE	90//27184
Licensed:	CUMBERLA	STGEORGE	Whole Lot 90//27184

Region: 10 - Sydney South Coast
River Basin: 213 - SYDNEY COAST - GEORGES RIVER
Area/District:
CMA Map: 9130-3S
Grid Zone:
Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown
Northing: 6239755.000
Easting: 328152.000
Latitude: 33°58'07.3"S
Longitude: 151°08'23.7"E

GS Map: -
MGA Zone: 56
Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	100			Jetted - Water
1	1	Opening	Screen	0.00	24.00	50		0	PVC
1	1	Casing	P.V.C.	0.00	6.00	100			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.00	6.00	sand	Sand	

Remarks

15/04/2010: updated from original form A

***** End of GW107743 *****

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WaterNSW
Work Summary

GW107799

Licence: 10BL600030
Licence Status: CONVERTED

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Spear
Work Status: Supply Obtained
Construct.Method:
Owner Type: Private

Commenced Date:
Completion Date: 05/11/2006
Final Depth: 5.50 m
Drilled Depth: 5.50 m

Contractor Name:
Driller: Barry Donald Rogan
Assistant Driller:

Property: BUCTON 44 Lachal Ave KOGARAH 2217 NSW
GWMA:
GW Zone:
Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

	County	Parish	Cadastre
Form A:	CUMBERLAND	ST GEORGE	64/27184
Licensed:	CUMBERLA	STGEORGE	Whole Lot 64//27184

Region: 10 - Sydney South Coast
River Basin: 213 - SYDNEY COAST - GEORGES RIVER
Area/District:
CMA Map: 9130-3S
Grid Zone:
Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown
Northing: 6239675.000
Easting: 328094.000
Latitude: 33°58'09.9"S
Longitude: 151°08'21.4"E

GS Map: -
MGA Zone: 56
Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	5.50	100			(Unknown)
1	1	Casing	P.V.C.	0.00	5.00	100			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	5.50	5.50	sand	Sand	

Remarks

19/04/2010: updated from original form A

***** End of GW107799 *****

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WaterNSW
Work Summary

GW108551

Licence: 10BL601200
Licence Status: CONVERTED

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Spear
Work Status: Supply Obtained
Construct.Method:
Owner Type: Private

Commenced Date:
Completion Date: 08/02/2007
Final Depth: 6.00 m
Drilled Depth: 6.00 m

Contractor Name: (None)
Driller: Barry Donald Rogan
Assistant Driller:

Property: CROFT 24 Oakdale Ave KOGARAH 2217 NSW
GWMA:
GW Zone:
Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

	County	Parish	Cadastre
Form A:	CUMBERLAND	ST GEORGE	24//27184
Licensed:	CUMBERLA	STGEORGE	Whole Lot 24//27184

Region: 10 - Sydney South Coast
River Basin: 213 - SYDNEY COAST - GEORGES RIVER
Area/District:
CMA Map: 9130-3S
Grid Zone:
Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown
Northing: 6239823.000
Easting: 328057.000
Latitude: 33°58'05.1"S
Longitude: 151°08'20.1"E

GS Map: -
MGA Zone: 56
Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	100			(Unknown)
1	1	Casing	P.V.C.	0.00	3.20	50			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.00	6.00	Sand	Sand	

Remarks

02/03/2010: updated from original form A

***** End of GW108551 *****

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WaterNSW
Work Summary

GW111561

Licence: 10BL600835 **Licence Status:** CONVERTED

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Spear
Work Status: Supply Obtained
Construct.Method: Cable Tool
Owner Type: Private

Commenced Date:
Completion Date: 21/01/2007
Final Depth: 6.00 m
Drilled Depth: 6.00 m

Contractor Name: (None)
Driller: Barry Donald Rogan
Assistant Driller:

Property: LANDON 61 Lachal Ave KOGARAH 2217 NSW
GWMA:
GW Zone:
Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

	County	Parish	Cadastre
Form A:	CUMBERLAND	ST GEORGE	33//27184
Licensed:	CUMBERLA	STGEORGE	Whole Lot 33//27184

Region: 10 - Sydney South Coast
River Basin: - Unknown
Area/District:
CMA Map:
Grid Zone:
Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown
Northing: 6239682.000
Easting: 328049.000
Latitude: 33°58'09.6"S
Longitude: 151°08'19.7"E

GS Map: -
MGA Zone: 56
Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	100			Cable Tool
1	1	Casing	P.V.C.	-0.10	5.00	100			Glued
1	1	Opening	Screen	0.00	0.00	50		0	PVC, Glued

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.00	6.00	ALL SAND	Sand	

***** End of GW111561 *****

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WaterNSW
Work Summary

GW116347

Licence:
Licence Status:
Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Spear
Work Status: Supply Obtained
Construct.Method:
Owner Type: Other Govt

Commenced Date:
Completion Date: 27/02/2019
Final Depth: 3.60 m
Drilled Depth: 3.60 m

Contractor Name: Hagstram Drilling
Driller: Jared Gay
Assistant Driller:

Property:
GWMA:
GW Zone:
Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

	County	Parish	Cadastre
Form A:	CUMBERLAND	ST GEORGE	
Licensed:			

Region: - (Not set)
River Basin: - Unknown
Area/District:
CMA Map:
Grid Zone:
Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown
Northing: 6240255.100
Easting: 327955.100
Latitude: 33°57'51.0"S
Longitude: 151°08'16.4"E

GS Map: -
MGA Zone: 56
Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	3.60	110			Auger - Solid Flight
1	1	Casing	P.V.C.	0.05	3.60	50	40		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.25	0.25	Asphalt, Black	Sandy Clay	
0.25	0.30	0.05	Sandy Gravel: fine to coarse grained, sub-angular, dark grey, moist.	Gravel	
0.30	0.60	0.30	Sand: fine to medium grained, dark brown to dark grey, with some gravel, moist.	Sand	
0.60	1.20	0.60	Sand: fine to medium grained, pale grey to pale brown, trace gravel, moist.	Sand	
1.20	1.60	0.40	Sandy Clay: medium plasticity, pale brown to brown mottled orange / yellow, with ironstone gravel, strong odour, moist.	Sandy Clay	
1.60	2.10	0.50	Silty Clay: medium to high plasticity, pale grey mottled brown with some gravel, stron odoour, moist.	Silty Clay	

2.10	3.60	1.50	Sandstone: recovered as slayeysand, brown to pale brown mottled pale grey, fine to medium grained.	Sandstone	

Remarks

27/02/2019: Completed 14.01.2020 by SG

***** End of GW116347 *****

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WaterNSW
Work Summary

GW116822

Licence: 10CA124628 **Licence Status:** CURRENT

Authorised Purpose(s): DOMESTIC,IRRIGATION,STOCK
Intended Purpose(s): MONITORING BORE

Work Type: Spear
Work Status: Supply Obtained
Construct.Method:
Owner Type: Other Govt

Commenced Date:
Completion Date: 27/02/2019
Final Depth: 3.60 m
Drilled Depth: 3.60 m

Contractor Name: Hagstram Drilling
Driller: Jared Gay
Assistant Driller: N/A

Property: Timelong 65 Meryla Road MOSS VALE 2577
GWMA:
GW Zone:
Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

	County	Parish	Cadastre
Form A:	CUMBERLAND	ST GEORGE	
Licensed:	CAMDEN	YARRUNGA	Whole Lot 31//649885

Region: - (Not set)
River Basin: - Unknown
Area/District:
CMA Map:
Grid Zone:
Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown
Northing: 6240255.000
Easting: 327955.000
Latitude: 33°57'51.0"S
Longitude: 151°08'16.4"E

GS Map: -
MGA Zone: 56
Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	3.60	110			Auger - Solid Flight
1	1	Casing	P.V.C.	0.05	3.60	50	40		()

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Sandy: Gravel: Dark Brown to Dark Grey	Sandy Clay	
1.00	2.00	1.00	Sand: Sandy Clay Pale Grey to Pale Brown	Sand	
2.00	2.50	0.50	Silty Clay: Pale Grey mottled brown	Silty Clay	
2.50	3.60	1.10	Sandstone: Brown to pale Brown: mottled pale grey	Sandstone	

Remarks

27/02/2019: Entered By: CS - 4/06/2020

***** End of GW116822 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

APPENDIX E: ARCHITECTURAL PLANS

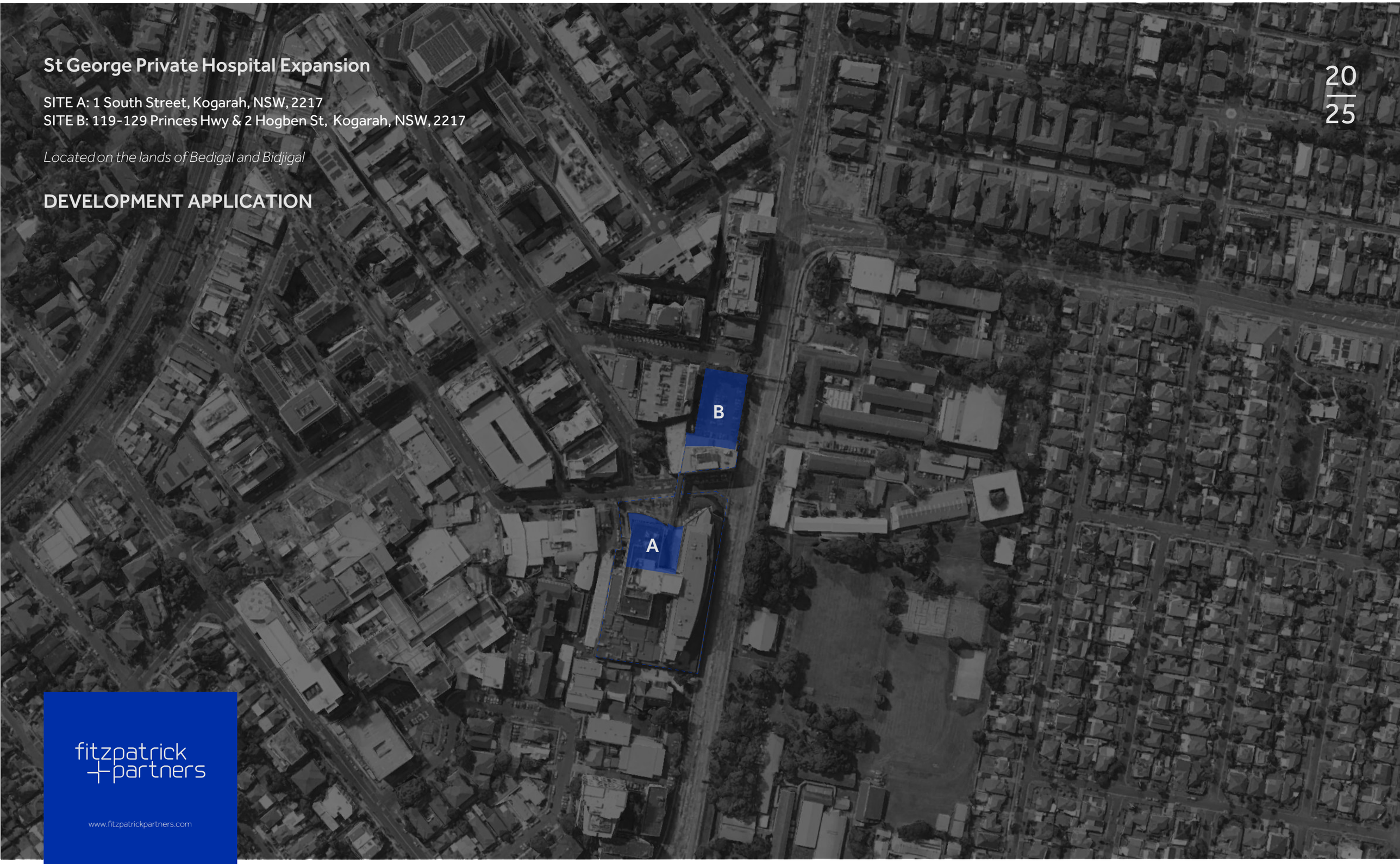
St George Private Hospital Expansion

SITE A: 1 South Street, Kogarah, NSW, 2217
SITE B: 119-129 Princes Hwy & 2 Hogben St, Kogarah, NSW, 2217

Located on the lands of Bedigal and Bidjigal

DEVELOPMENT APPLICATION

20
25



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Fitzpatrick + Partners acknowledge that we work on the Traditional Lands of the Gadigal people of the Eora Nation.

We pay our respects to Elders past, present and emerging.

Always was, always will be, Aboriginal land.

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| DEVELOPMENT APPLICATION

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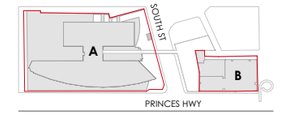

PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

DRAWN BY
TEAM

APPROVED BY
JF

PRINT DATE
10/20/2025

PROJECT NORTH

DRAWING
| DEVELOPMENT APPLICATION
LOCATION PLAN (SITES A & B)

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 0002

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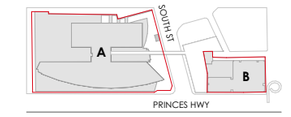

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- SITE BOUNDARY LINE
- DEMOLITION SCOPE
- DASHED OUTLINE INDICATES EXTENT OF NEW DDA-COMPLIANT WORKS
- EXISTING WALLS AND STRUCTURE
- NEW WALLS AND STRUCTURE

PROJECT

St George Private Hospital Expansion

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Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

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1:1000 @A3

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TEAM

APPROVED BY
JF

PRINT DATE
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PROJECT NORTH

DRAWING
| DEVELOPMENT APPLICATION
SITE PLAN (SITES A & B)

PROJECT NUMBER
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DRAWING NUMBER
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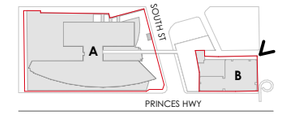

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St George Private Hospital Expansion

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Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

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TEAM

APPROVED BY
JF

PRINT DATE
10/20/2025

DRAWING
3D MONTAGE: SITE B - BANK LN
3D MONTAGE - MAIN ENTRY FROM HOGBEN STREET

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 1101

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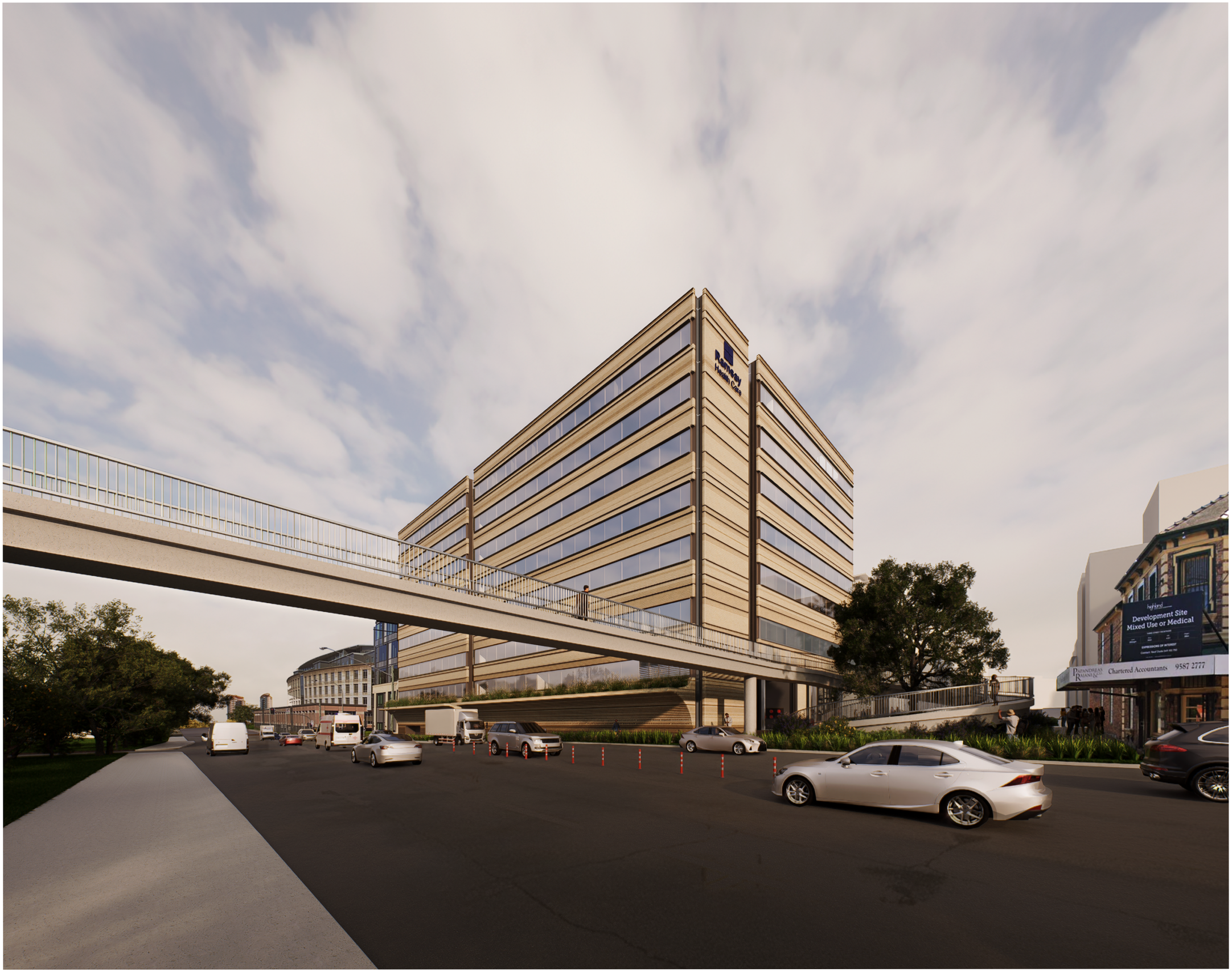

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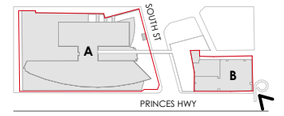

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PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

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PRINT DATE
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DRAWING
3D MONTAGE: SITE B - BANK LN
3D MONTAGE - VIEW SOUTHWEST FROM PRINCES HIGHWAY

PROJECT NUMBER
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DRAWING NUMBER
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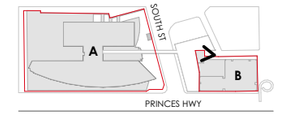

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St George Private Hospital Expansion

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Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

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PRINT DATE
10/20/2025

DRAWING
3D MONTAGE: SITE B - BANK LN
3D MONTAGE- VIEW NORTH FROM BANK LANE

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 1103

ISSUE
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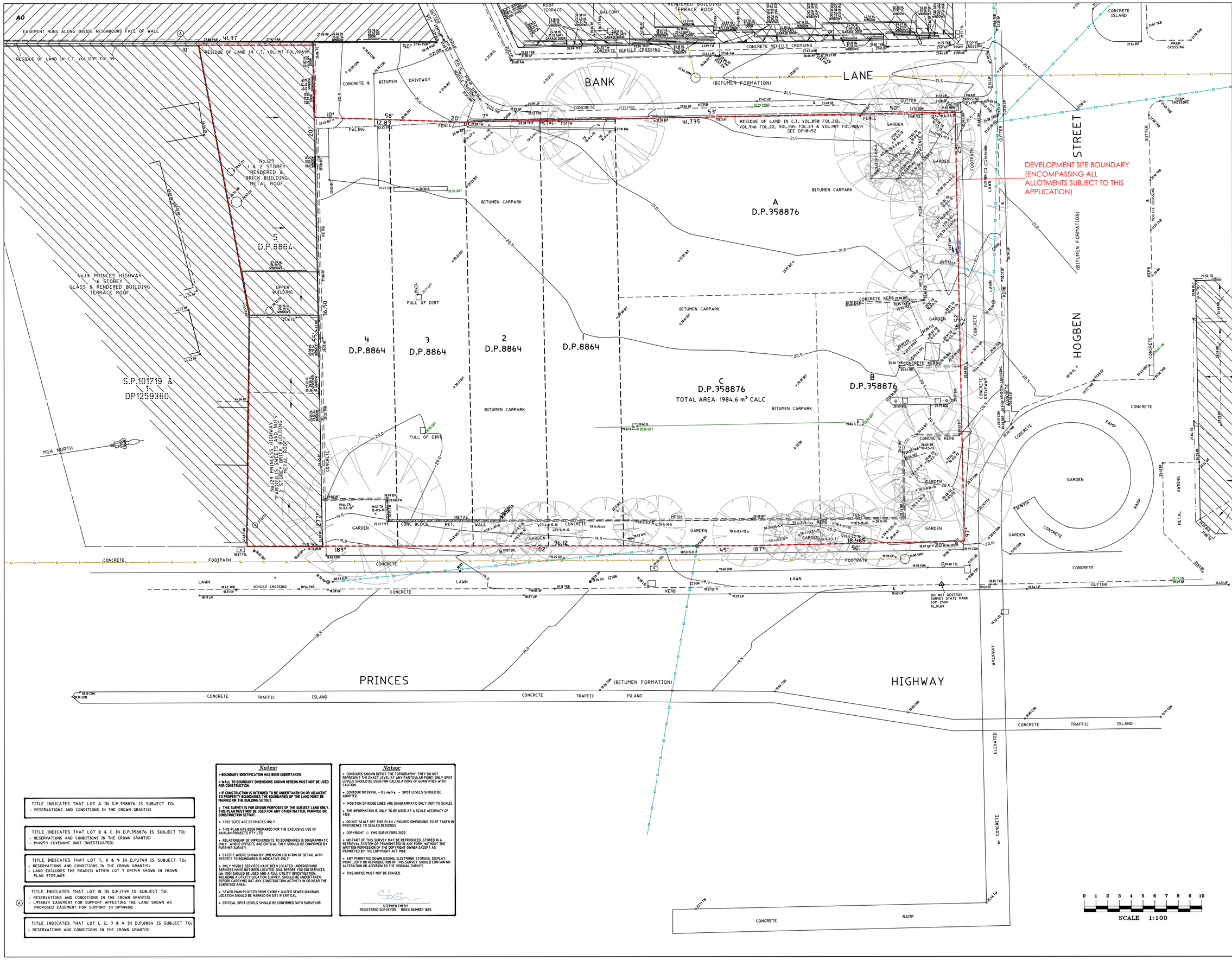

TITLE INDICATES THAT LOT A IN D.P.358876 IS SUBJECT TO:
- RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)

TITLE INDICATES THAT LOT B & C IN D.P.358876 IS SUBJECT TO:
- RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- MN11253 COVENANT (NOT INVESTIGATED)

TITLE INDICATES THAT LOT 7, 8 & 9 IN D.P.1749 IS SUBJECT TO:
- RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- LAND EXCLUDES THE ROAD(S) WITHIN LOT 7 DP1749 SHOWN IN CROWN PLAN 9725.1603

TITLE INDICATES THAT LOT 10 IN D.P.1749 IS SUBJECT TO:
- RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- L958825 EASEMENT FOR SUPPORT AFFECTING THE LAND SHOWN AS PROPOSED EASEMENT FOR SUPPORT IN DP534012

(A) TITLE INDICATES THAT LOT 1, 2, 3 & 4 IN D.P.8864 IS SUBJECT TO:
- RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)

Notes:

- **BOUNDARY IDENTIFICATION HAS BEEN UNDERTAKEN.**
- **WALL TO BOUNDARY DIMENSIONS SHOWN HEREON MUST NOT BE USED FOR CONSTRUCTION.**
- **IF CONSTRUCTION IS INTENDED TO BE UNDERTAKEN ON OR ADJACENT TO PROPERTY BOUNDARIES THE BOUNDARIES OF THE LAND MUST BE MARKED OR THE BUILDING SETOUT.**
- **THIS SURVEY IS FOR DESIGN PURPOSES OF THE SUBJECT LAND ONLY. THIS PLAN MUST NOT BE USED FOR ANY OTHER MATTER, PURPOSE OR CONSTRUCTION SETOUT.**
- TREE SIZES ARE ESTIMATES ONLY.
- THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF AKALAN PROJECTS PTY LTD.
- RELATIONSHIP OF IMPROVEMENTS TO BOUNDARIES IS DIAGRAMMATIC ONLY. WHERE OFFSETS ARE CRITICAL THEY SHOULD BE CONFIRMED BY FURTHER SURVEY.
- EXCEPT WHERE SHOWN BY DIMENSION LOCATION OF DETAIL WITH RESPECT TO BOUNDARIES IS INDICATIVE ONLY.
- ONLY VISIBLE SERVICES HAVE BEEN LOCATED. UNDERGROUND SERVICES HAVE NOT BEEN LOCATED. DIAL BEFORE YOU DIG SERVICES (ph 1100) SHOULD BE USED AND A FULL UTILITY INVESTIGATION, INCLUDING A UTILITY LOCATION SURVEY, SHOULD BE UNDERTAKEN BEFORE CARRYING OUT ANY CONSTRUCTION ACTIVITY IN OR NEAR THE SURVEYED AREA.
- SEWER MAIN PLOTTED FROM SYDNEY WATER SEWER DIAGRAM. LOCATION SHOULD BE MARKED ON SITE IF CRITICAL.
- CRITICAL SPOT LEVELS SHOULD BE CONFIRMED WITH SURVEYOR.

Notes:

- CONTOURS SHOWN DEPICT THE TOPOGRAPHY. THEY DO NOT REPRESENT THE EXACT LEVEL AT ANY PARTICULAR POINT. ONLY SPOT LEVELS SHOULD BE USED FOR CALCULATIONS OF QUANTITIES WITH CAUTION.
- CONTOUR INTERVAL - 0.5 metre. - SPOT LEVELS SHOULD BE ADOPTED.
- POSITION OF RIDGE LINES ARE DIAGRAMMATIC ONLY (NOT TO SCALE).
- THE INFORMATION IS ONLY TO BE USED AT A SCALE ACCURACY OF 1:100.
- DO NOT SCALE OFF THIS PLAN / FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED READINGS.
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STEPHEN EMERY
REGISTERED SURVEYOR BOSSI NUMBER 1605

0 1 2 3 4 5 6 7 8 9 10
SCALE 1:100

NOTES

DEMOLITION SCOPE (NOTE ADDED BY FITZPATRICK + PARTNERS):
ALL EXISTING SURFACE FEATURES LOCATED WITHIN THE DEVELOPMENT SITE BOUNDARY (ENCOMPASSING ALL ALLOTMENTS SHOWN ON THIS SURVEY) ARE TO BE REMOVED AS PART OF THE PROPOSED WORKS.
THIS INCLUDES (BUT IS NOT LIMITED TO) EXISTING TREES, VEGETATION, PAVING, FENCING, AND MINOR SITE STRUCTURES. SUBSURFACE SERVICES AND STRUCTURES ARE TO BE REMOVED UNLESS OTHERWISE NOTED IN ENGINEERING OR SERVICES DOCUMENTATION.

LEGEND:

AW = AWNING
BAL = BALCONY
BIN = RUBISH BIN
BIT = BITUMEN
BW = BOTTOM WALL
BLD = EXTERNAL BUILDING
CL = CENTRELINE
CH = CHIMNEY
COL = COLUMN
COM = COMMUNICATIONS PIT
CON = CONCRETE
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
ELO = ELECTRICITY LINE OVERHEAD
EPL = ELECTRICITY PILLAR
FCE = FENCE
FL = FLOOR LEVEL
GFL = GARAGE FLOOR LEVEL
GPM = GAS PIPELINE MARKER/INDICATOR
GP = GAS PLAQUE
GRT = GRATE
GF = GUTTER LEVEL
HL = HOOD LEVEL
IL = INVERT LEVEL
LP = LIGHT POLE
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LIP = KERB LIP
NBN = NBN PT
NS = NATURAL SURFACE
PIODD = INVERT LEVEL PIPE AND DIA
.JOD
PAR = PARAPET
PTH = PATH
PAV = PAVING
PP = POWER POLE
RF = TOP OF ROOF
RR = ROOF RIDGE
SCN = SCREEN
SEAT = SEAT
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SGN = SIGN
SL = SILL LEVEL
STR = STAIRS
SV = STOP VALVE
TEL = TELSTRA
TER = TERRACE
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TW = TOP WALL
TL = TRAFFIC LIGHT
TSP = TRAFFIC SIGNAL PIT
TR = TREE
TRL = TREE LINE
UBM = UNDERSIDE BEAM
VA = VALVE
VC = VEHICLE CROSSING
VNT = VENT
WL = WATER LID
WM = WATER METER
E = ELECTRICITY OVERHEAD
S = SEWER UNDERGROUND
TREE SPREAD-DIAMETER-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GDA94
MARKS USED: SSM 25191 AND SSM 25193

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 25191
R.L. 19.826 (CLASS LB)
SOURCE: S.C.I.M.S. (04/01/22)

i	FIRST ISSUE	17/01/22

CLIENT:
AKALAN PROJECTS PTY LIMITED
84 ALEXANDER STREET,
CROWS NEST NSW 2065

SURVEY PLAN SHOWING DETAIL & LEVELS OVER LOTS PT7, 8, 9 & 10 IN D.P.1749 & LOTS 1, 2, 3 & 4 IN D.P.8864 & LOTS A, B & C IN D.P.358876

ST GEORGE PRIVATE HOSPITAL, SOUTH STREET, KOGORAH

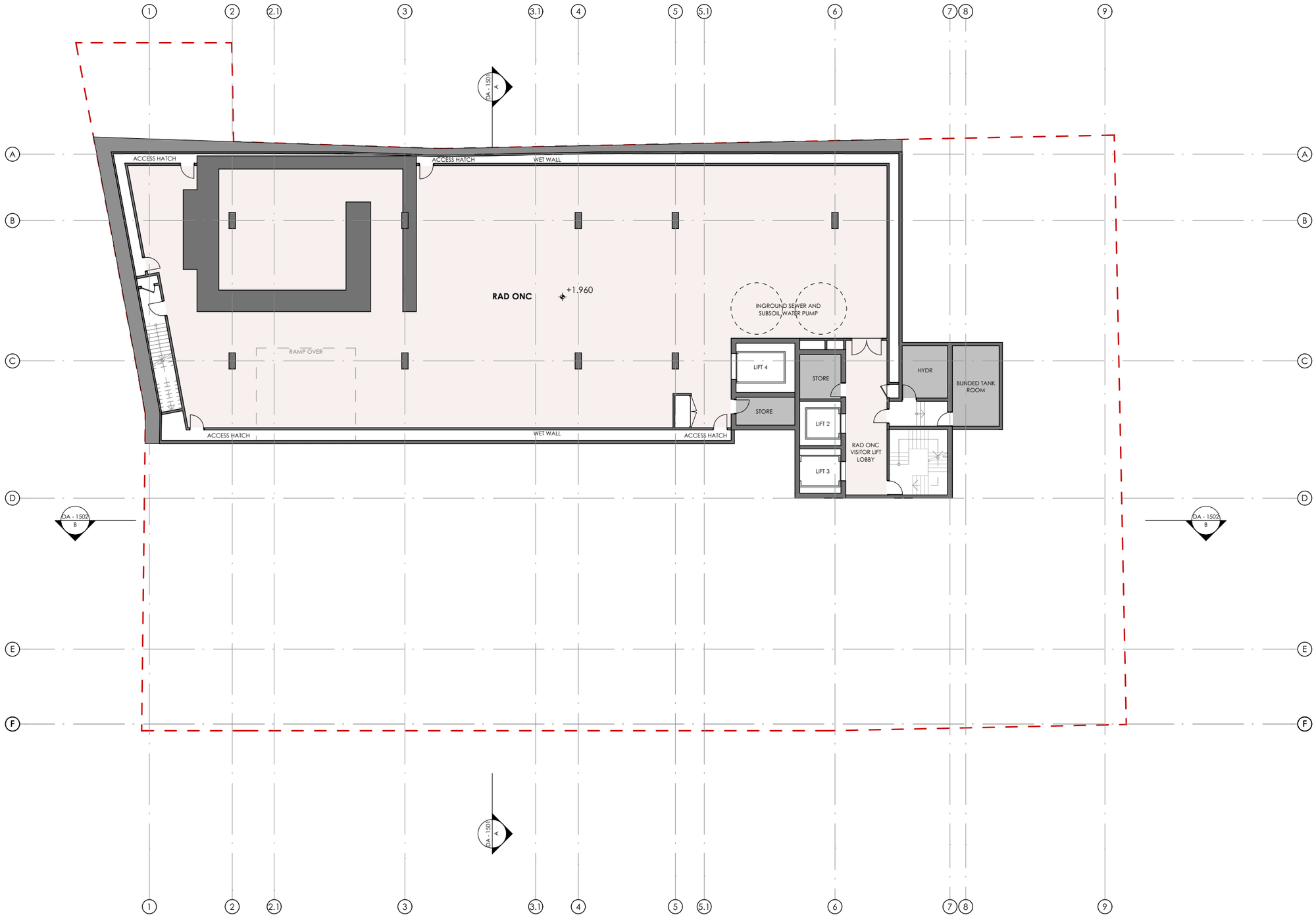
C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: GEORGES RIVER | SHEET 2 OF 4

SURVEYED	DRAWN	CHECKED	APPROVED
MB/BS	GP/CJR/BS	MB/BS	DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
170060	100 @ A0	12/01/22

DRAWING NAME: 170060detail | ISSUE: 1
CAD FILE: 170060detail 1.dwg



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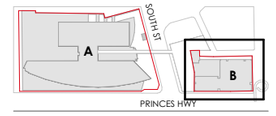

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- DASHED OUTLINE INDICATES EXTENT OF NEW DDA-COMPLIANT WORKS
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- NEW WALLS AND STRUCTURE

PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

SCALE 1:250 @A3

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20mm ON ORIGINAL

APPROVED BY JF

PRINT DATE 10/20/2025

PROJECT NORTH

DRAWING

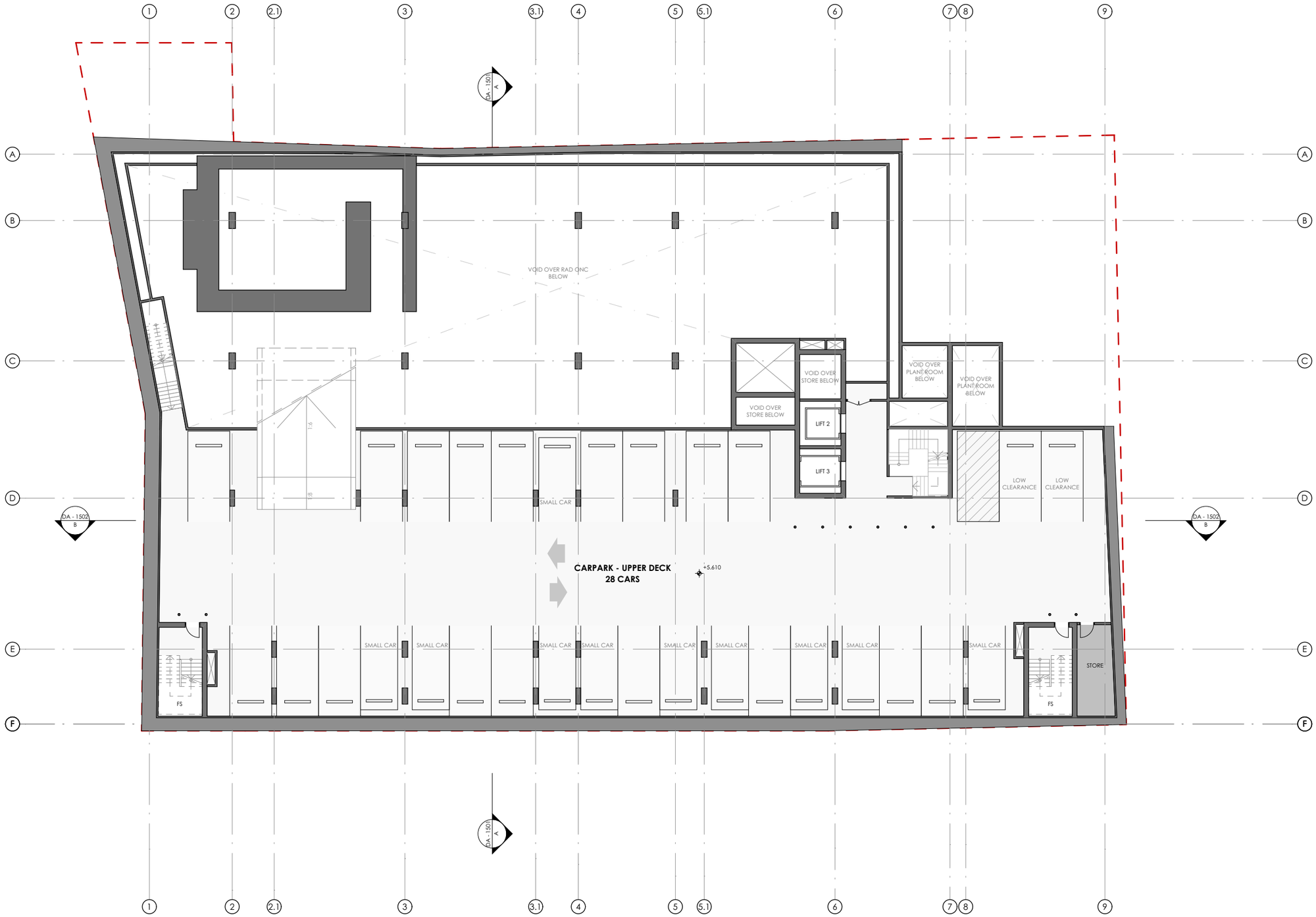
GENERAL ARRANGEMENT PLAN: SITE B - BANK LN

BASEMENT LEVEL 5 FLOOR PLAN - LOWER DECK

PROJECT NUMBER **22505**

DRAWING NUMBER **DA - 1301**

ISSUE **G**



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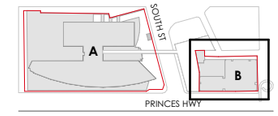

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- EXISTING WALLS AND STRUCTURE
- NEW WALLS AND STRUCTURE

PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

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20mm ON ORIGINAL

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PRINT DATE 10/20/2025

PROJECT NORTH

DRAWING

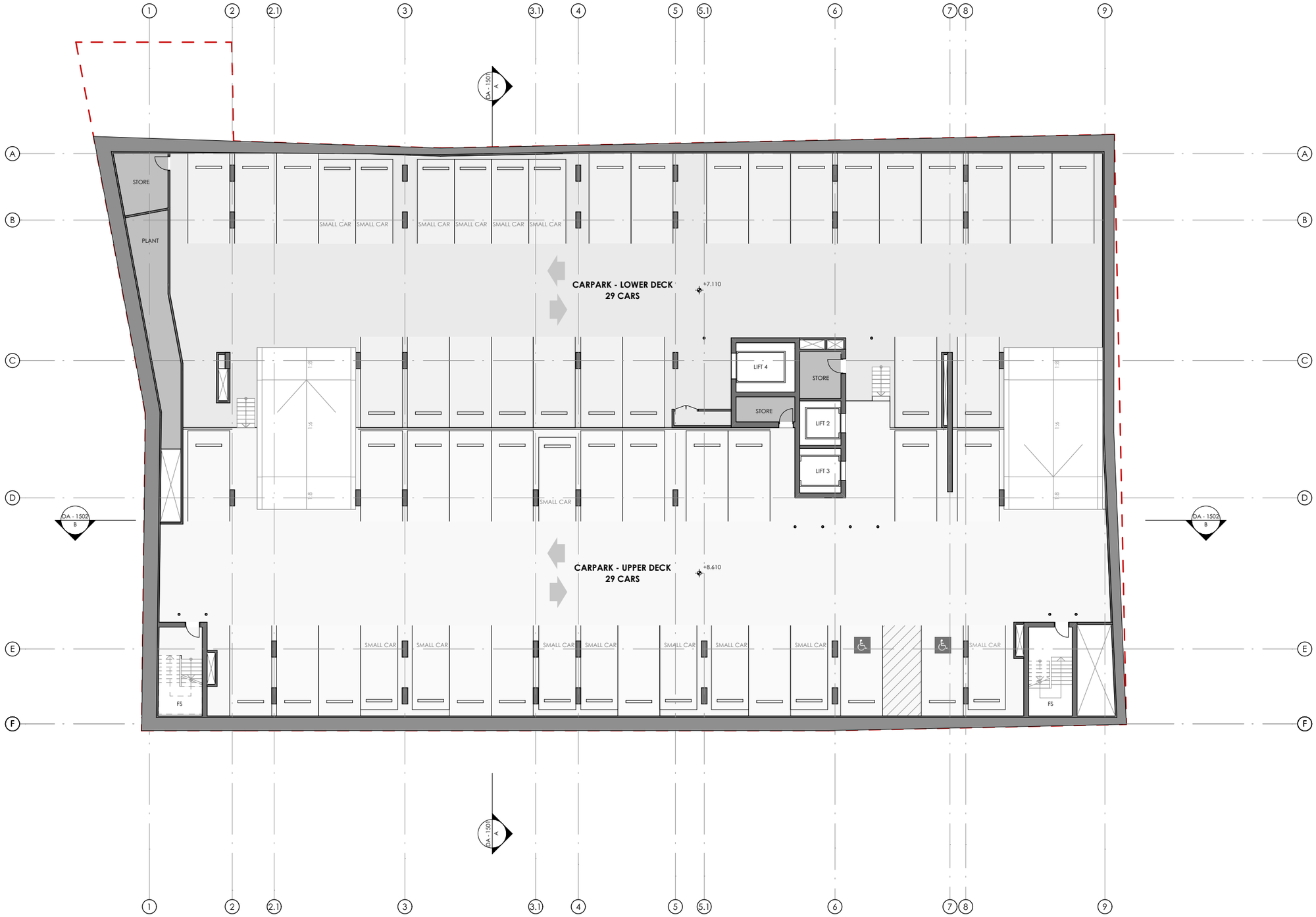
GENERAL ARRANGEMENT PLAN: SITE B - BANK LN

BASEMENT LEVEL 5 FLOOR PLAN - UPPER DECK

PROJECT NUMBER **22505**

DRAWING NUMBER **DA - 1302**

ISSUE **G**



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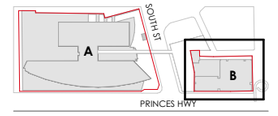

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PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

SCALE 1:250 @A3

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PRINT DATE 10/20/2025

PROJECT NORTH

DRAWING

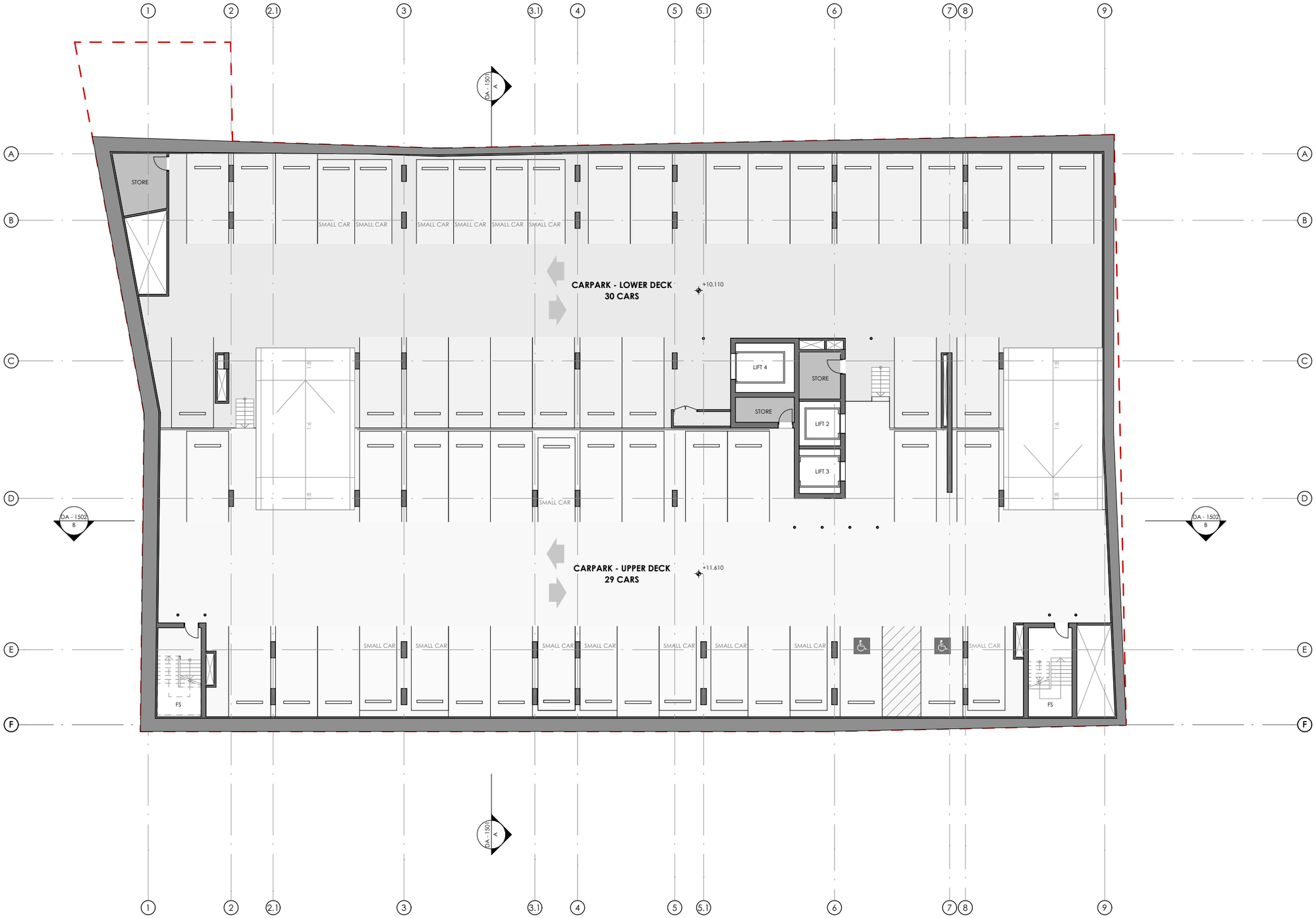
GENERAL ARRANGEMENT PLAN: SITE B - BANK LN

BASEMENT LEVEL 4 FLOOR PLAN

PROJECT NUMBER **22505**

DRAWING NUMBER **DA - 1303**

ISSUE **G**



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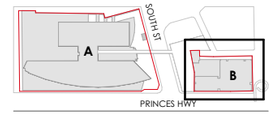

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PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

SCALE 1:250 @A3

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PRINT DATE 10/20/2025

PROJECT NORTH

DRAWING

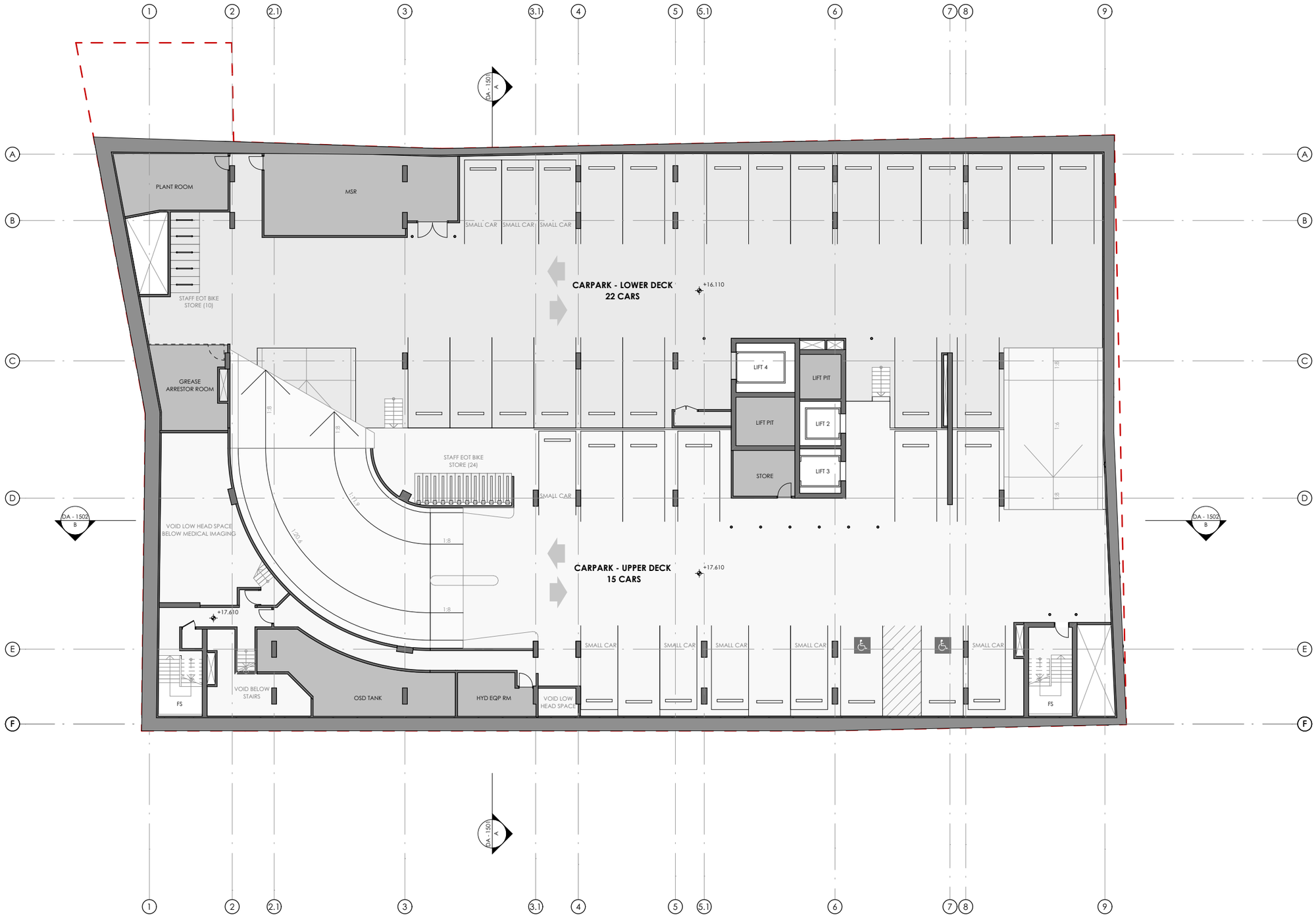
GENERAL ARRANGEMENT PLAN: SITE B - BANK LN

BASEMENT LEVEL 2/3 FLOOR PLAN - TYPICAL BASEMENT

PROJECT NUMBER **22505**

DRAWING NUMBER **DA - 1304**

ISSUE **G**



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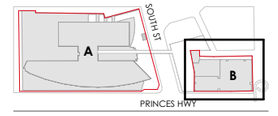

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PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

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PROJECT NORTH

DRAWING

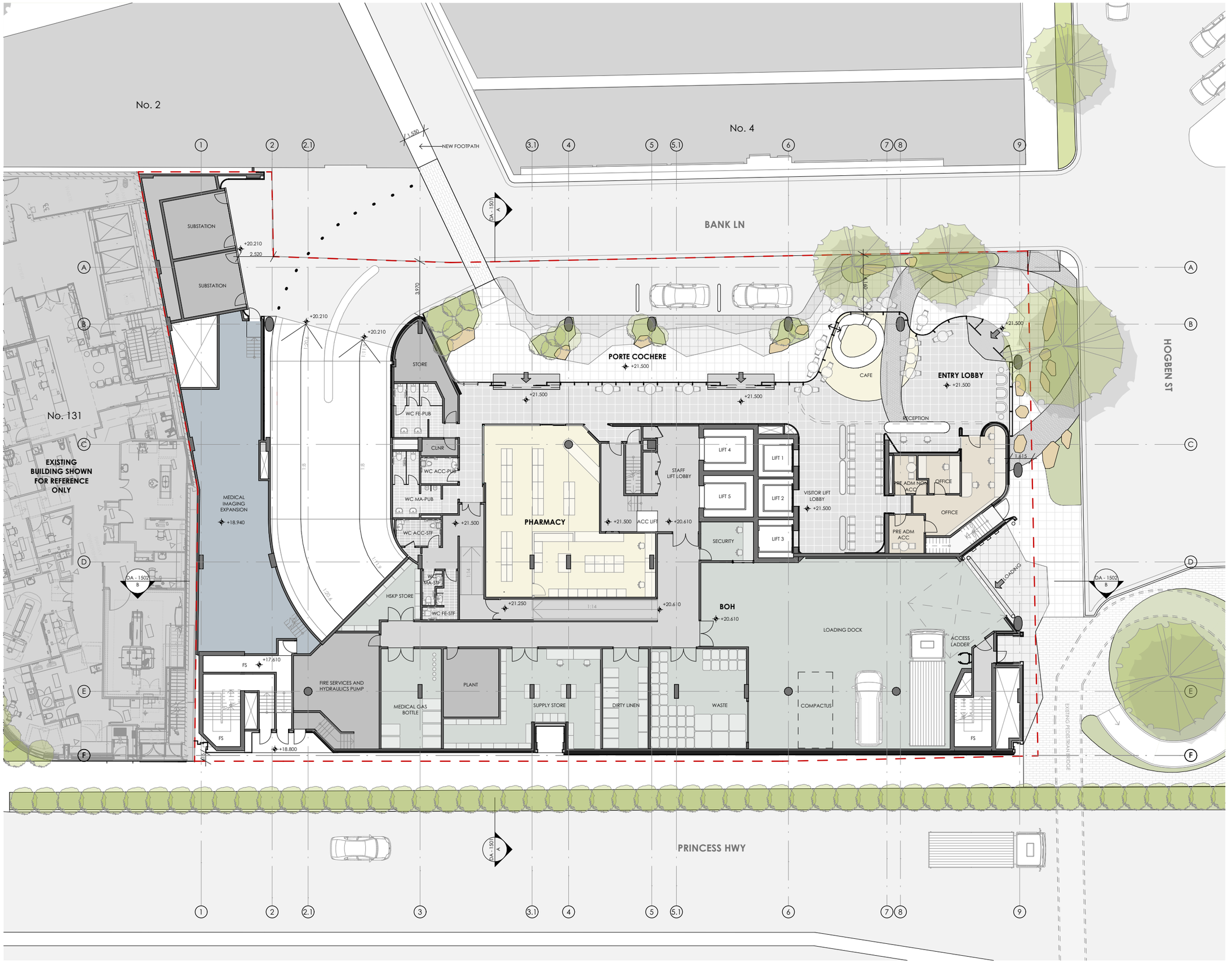
GENERAL ARRANGEMENT PLAN: SITE B - BANK LN

BASEMENT LEVEL 1 FLOOR PLAN

PROJECT NUMBER **22505**

DRAWING NUMBER **DA - 1305**

ISSUE **G**



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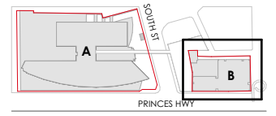

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PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

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PROJECT NORTH

DRAWING
GENERAL ARRANGEMENT PLAN: SITE B - BANK LN
GROUND FLOOR PLAN

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 1306

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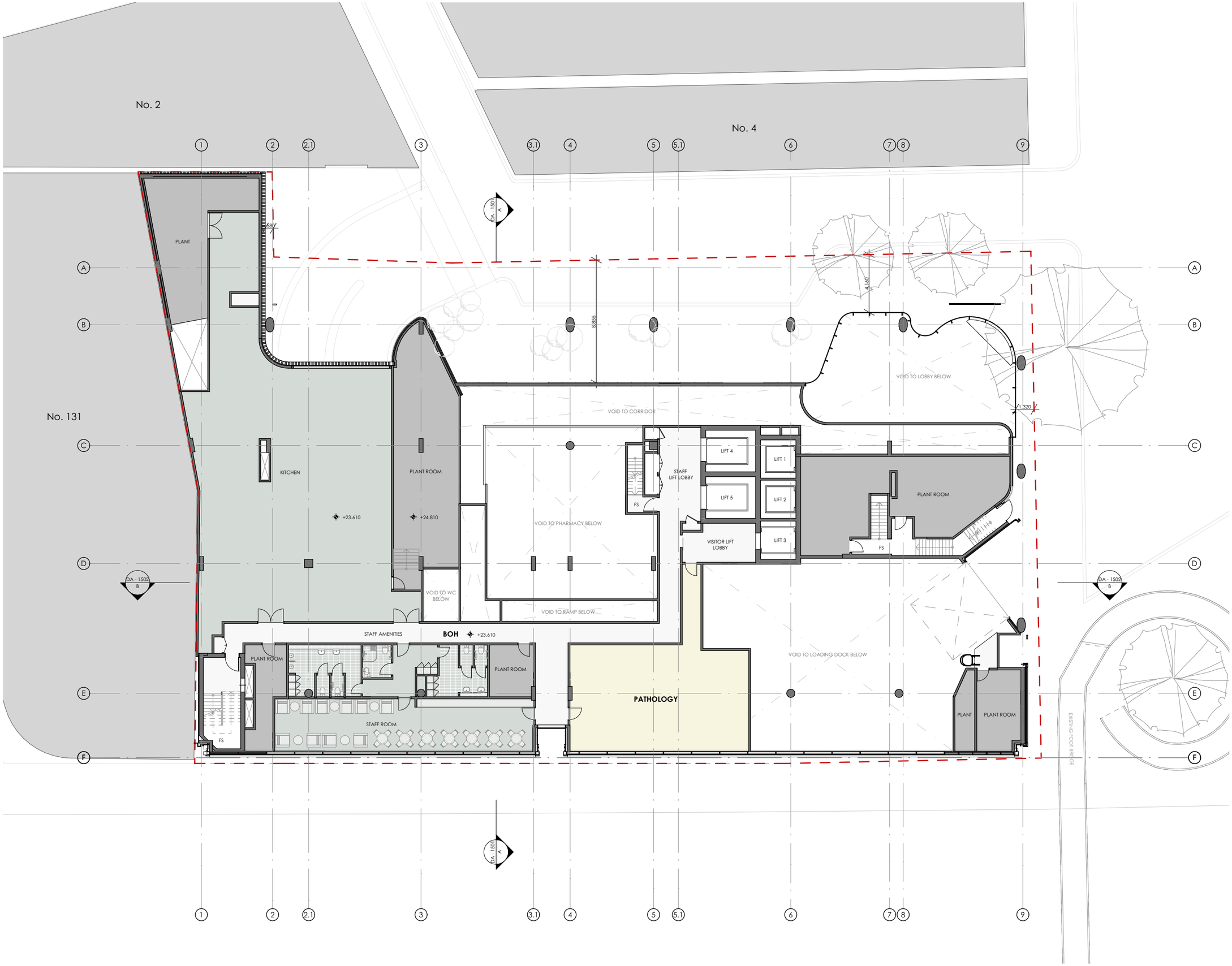

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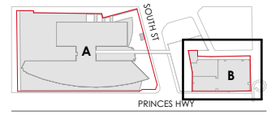

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PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

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PROJECT NORTH

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GENERAL ARRANGEMENT PLAN: SITE B - BANK LN
MEZZANINE FLOOR PLAN

PROJECT NUMBER
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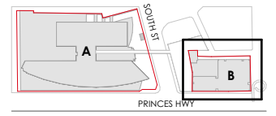

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PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

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PROJECT NORTH

DRAWING
GENERAL ARRANGEMENT PLAN: SITE B - BANK LN
LEVEL 1 FLOOR PLAN

PROJECT NUMBER
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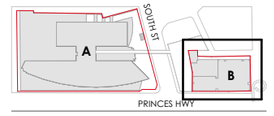

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PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

SCALE 1:250 @A3

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DRAWN BY TEAM

APPROVED BY JF

PRINT DATE 10/20/2025

PROJECT NORTH

DRAWING

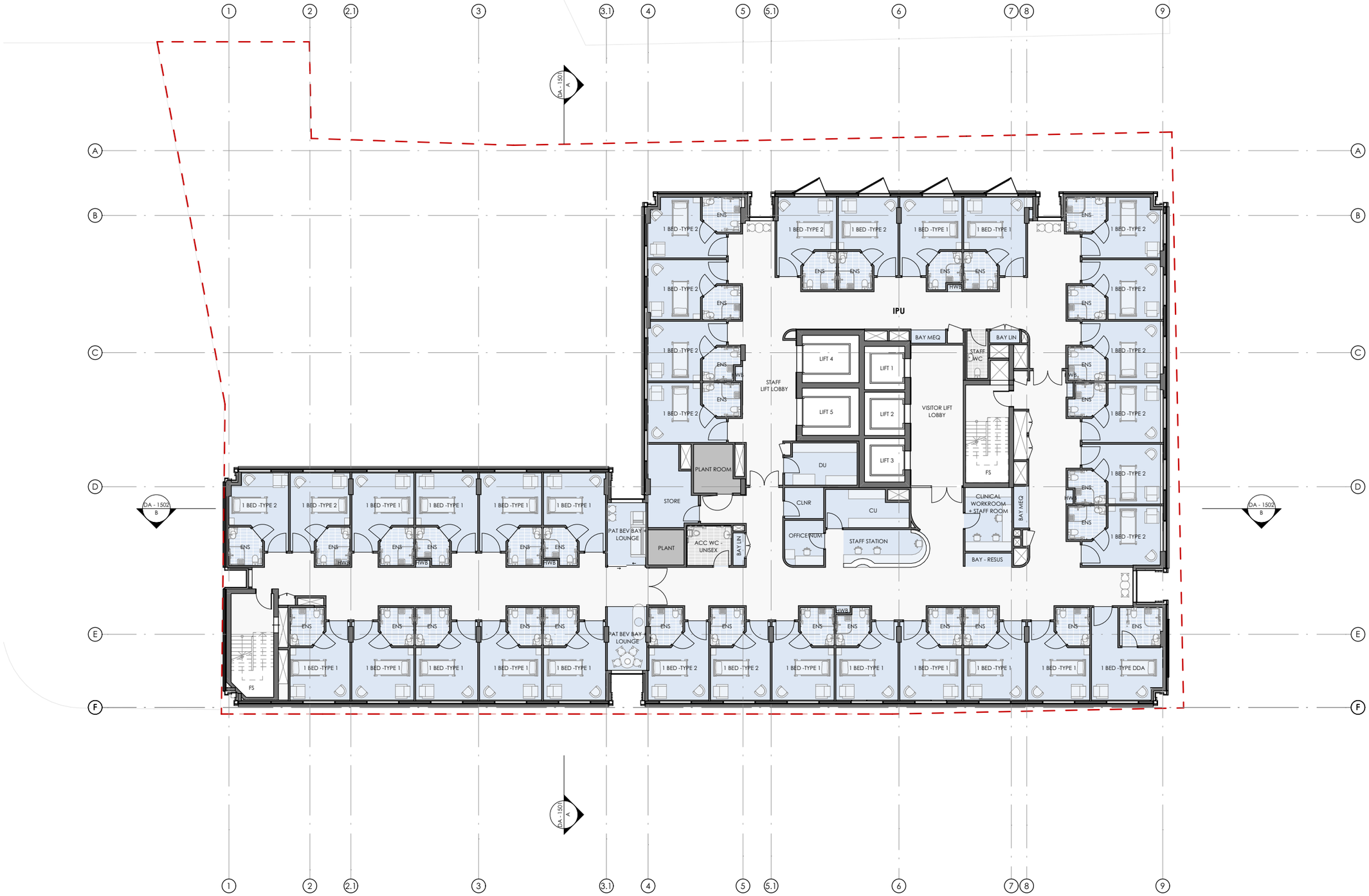
GENERAL ARRANGEMENT PLAN: SITE B - BANK LN

LEVEL 2 FLOOR PLAN

PROJECT NUMBER **22505**

DRAWING NUMBER **DA - 1309**

ISSUE **B G**



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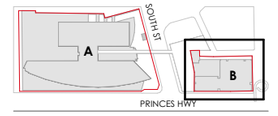

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PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

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20mm ON ORIGINAL
APPROVED BY JF
PRINT DATE 10/20/2025
PROJECT NORTH

DRAWING
GENERAL ARRANGEMENT PLAN: SITE B - BANK LN
LEVEL 3-5 FLOOR PLAN - TYPICAL IPU

PROJECT NUMBER
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DRAWING NUMBER **DA - 1310**
ISSUE **G**

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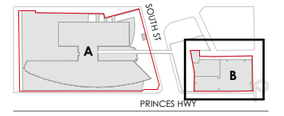

GENERAL LEGEND:

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- SITE BOUNDARY LINE
- DEMOLITION SCOPE
- DASHED OUTLINE INDICATES EXTENT OF NEW DDA-COMPLIANT WORKS
- EXISTING WALLS AND STRUCTURE
- NEW WALLS AND STRUCTURE

PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

SCALE 1:250 @A3
DRAWN BY TEAM
20mm ON ORIGINAL
APPROVED BY JF
PRINT DATE 10/20/2025
PROJECT NORTH

DRAWING
GENERAL ARRANGEMENT PLAN: SITE B - BANK LN
LEVEL 6 FLOOR PLAN - CONSULTING/ PLANT

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 1311
ISSUE
G

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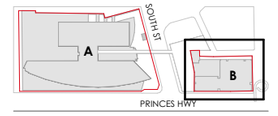

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- DEMOLITION SCOPE
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PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

SCALE 1:250 @A3

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PRINT DATE 10/20/2025

PROJECT NORTH

DRAWING

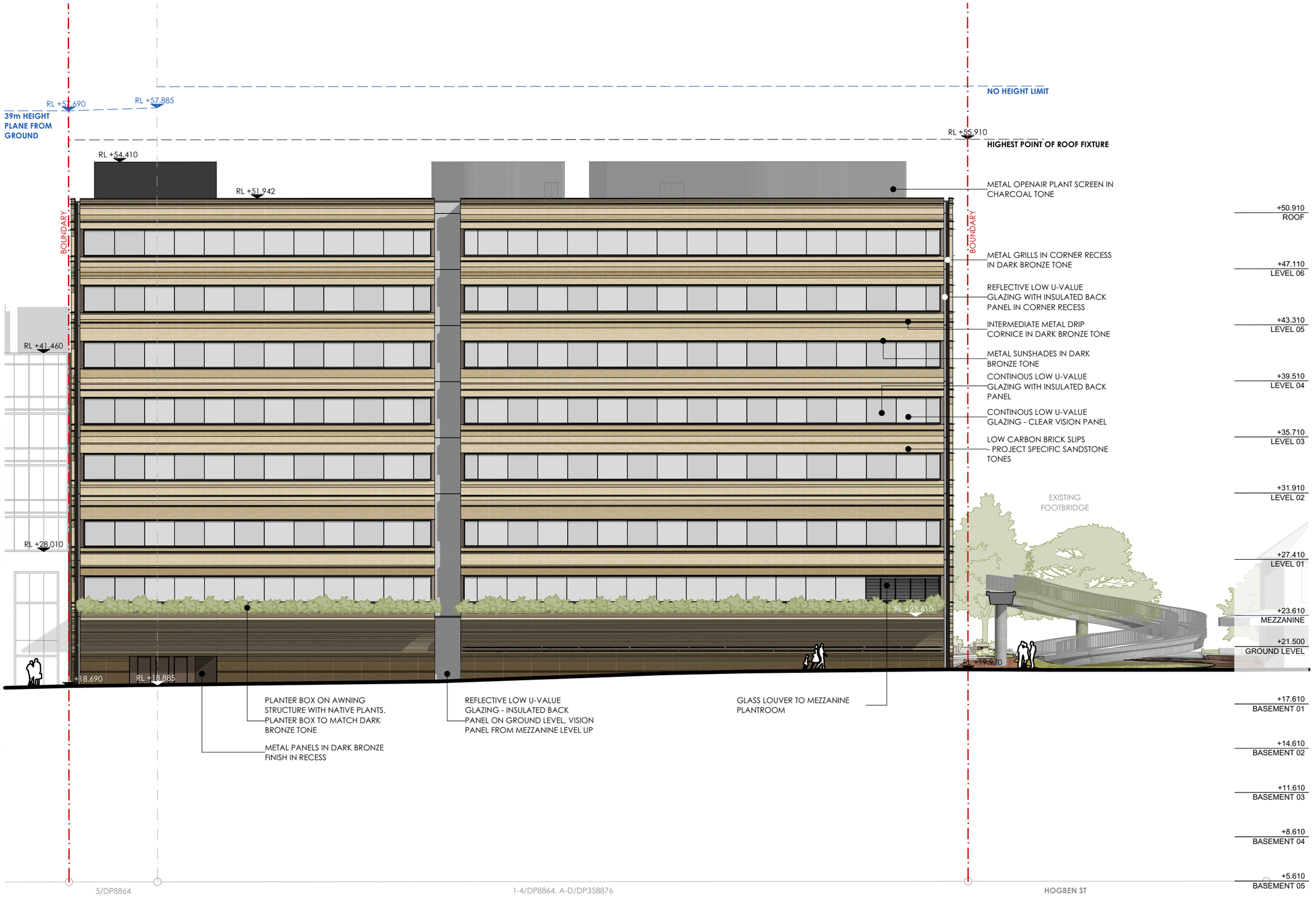
GENERAL ARRANGEMENT PLAN: SITE B - BANK LN

ROOF PLAN

PROJECT NUMBER **22505**

DRAWING NUMBER **DA - 1312**

ISSUE **C G**



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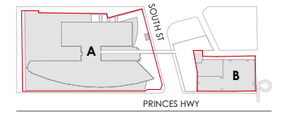

PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

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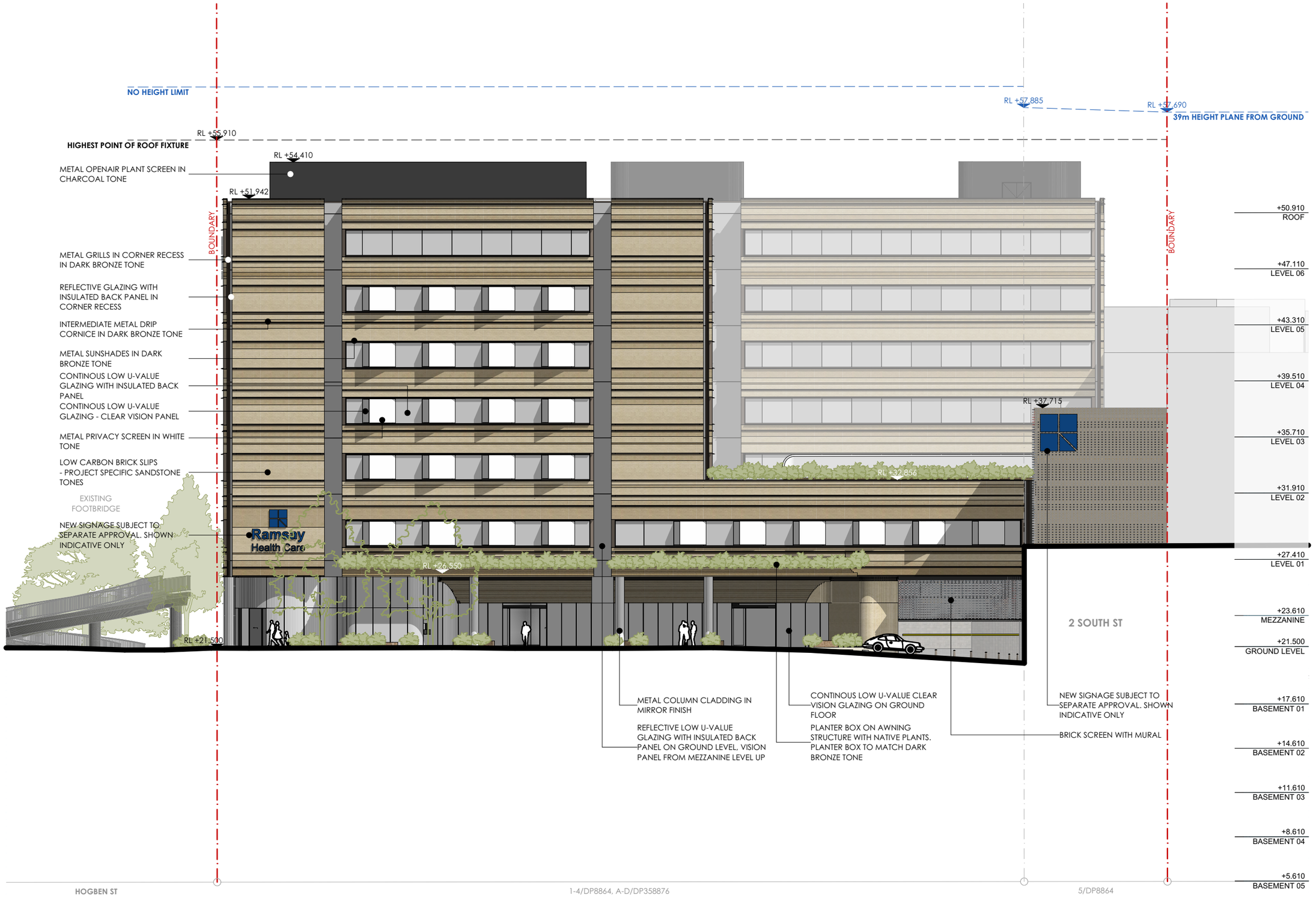
PRINT DATE 10/20/2025

DRAWING
GENERAL ARRAGNEMENT ELEVATION: SITE B - BANK LN
ELEVATION EAST

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 1401
ISSUE
G



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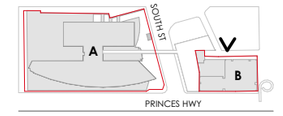

PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

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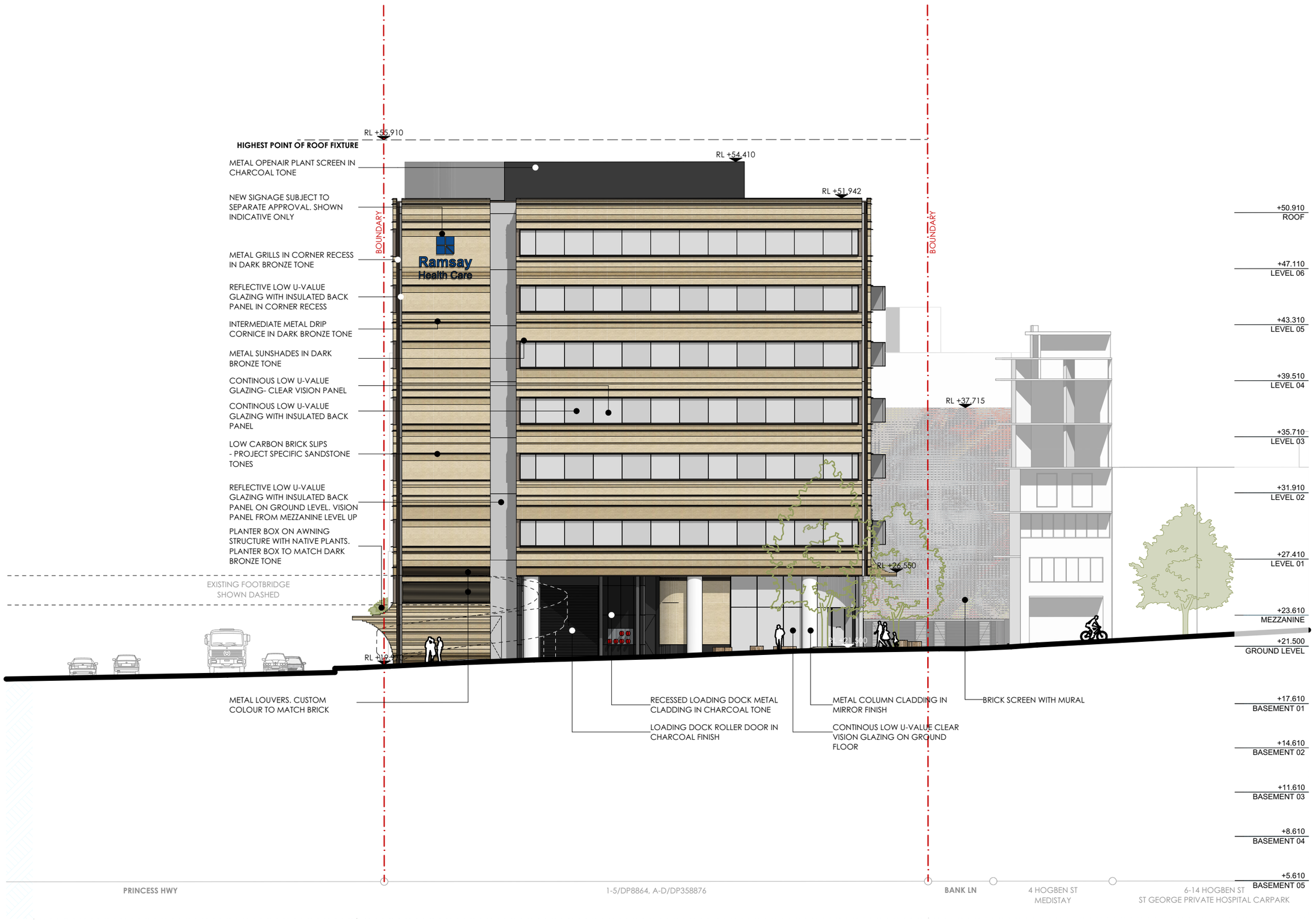
DRAWING
GENERAL ARRAGNEMENT ELEVATION: SITE B - BANK LN
ELEVATION WEST

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 1402
ISSUE
G



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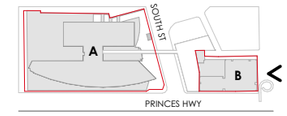

PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

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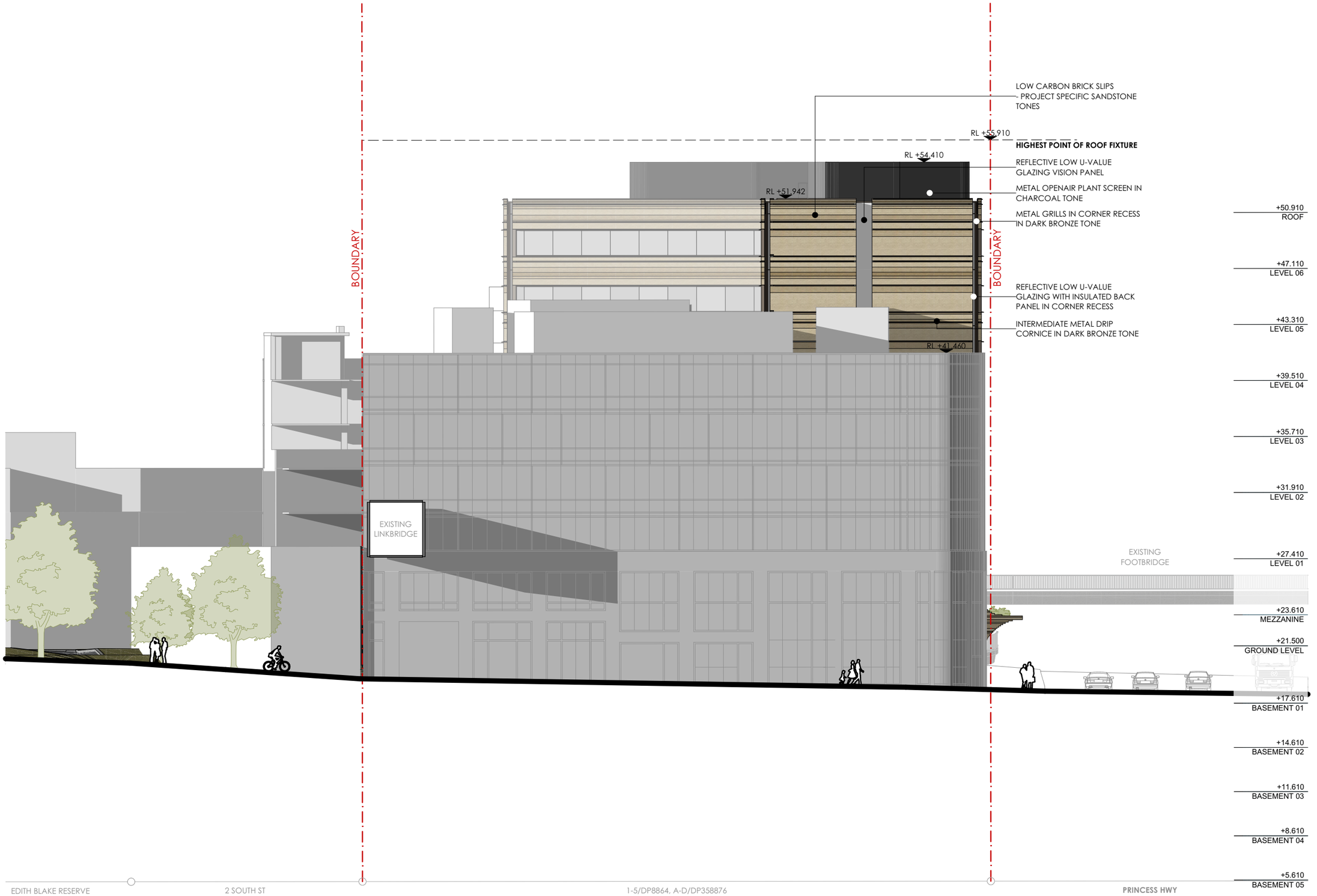
GENERAL ARRAGNEMENT ELEVATION: SITE B - BANK LN
ELEVATION NORTH

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 1403
ISSUE
G



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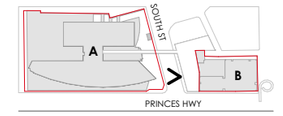

PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

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20mm ON ORIGINAL

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PRINT DATE
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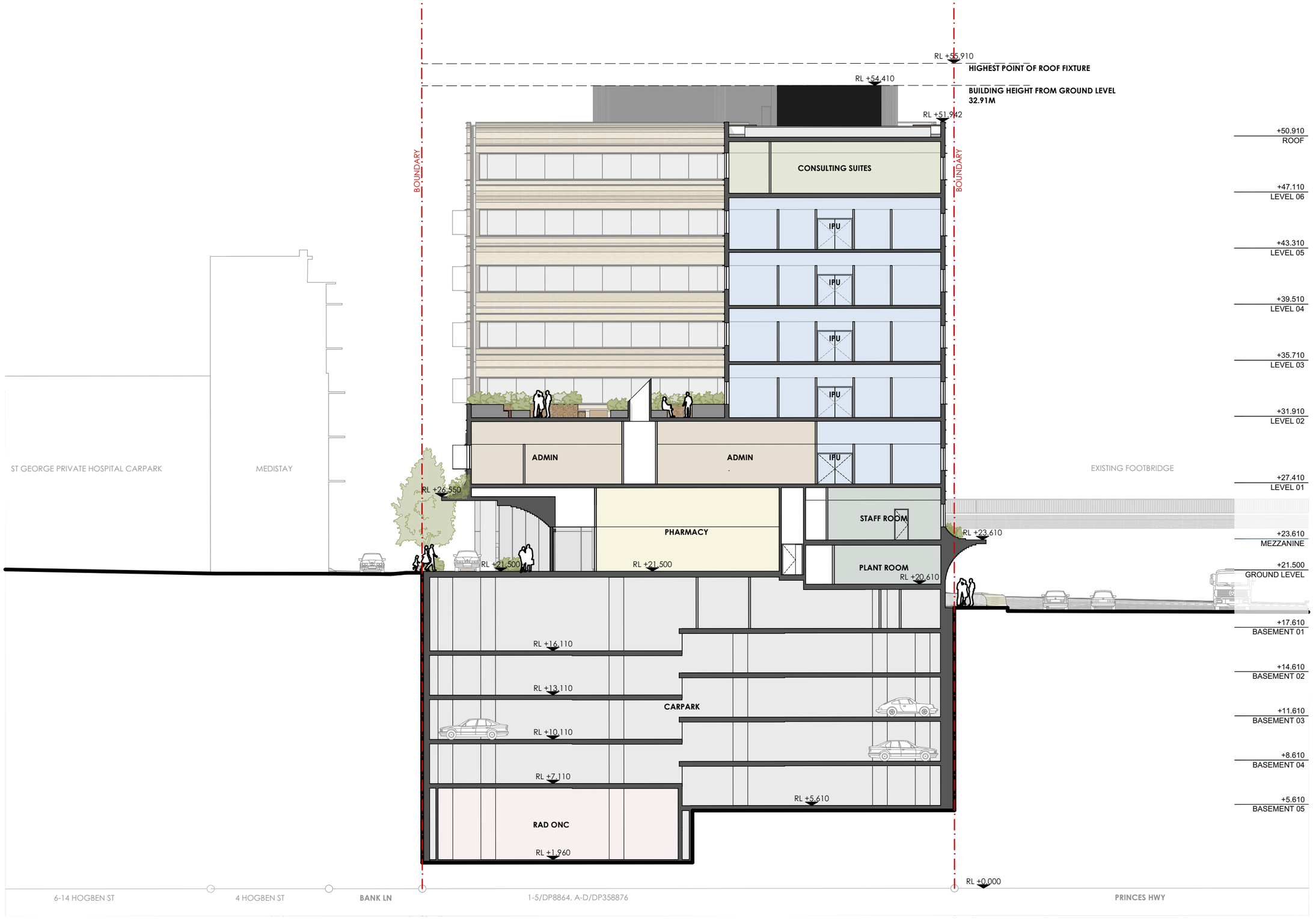
DRAWING
GENERAL ARRAGNEMENT ELEVATION: SITE B - BANK LN
ELEVATION SOUTH

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 1404

ISSUE
G



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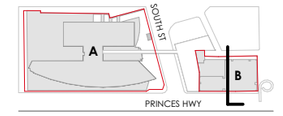

PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

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SCALE 1:250 @A3

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PRINT DATE 10/20/2025

DRAWING
GENERAL ARRANGEMENT SECTION: SITE B - BANK LN
SECTION A-A

PROJECT NUMBER **22505**

DRAWING NUMBER **DA - 1501**

ISSUE **G**

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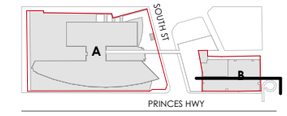

PROJECT

St George Private Hospital Expansion

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Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

SCALE 1:250 @A3

20mm ON ORIGINAL

DRAWN BY TEAM

APPROVED BY JF

PRINT DATE 10/20/2025

DRAWING
GENERAL ARRANGEMENT SECTION: SITE B - BANK LN
SECTION B-B

PROJECT NUMBER **22505**

DRAWING NUMBER **DA - 1502**

ISSUE **G**

01. BRICK CLADDING
LOW CARBON BRICK SLIPS
- PROJECT SPECIFIC SANDSTONE TONES

02. SUNSHADES/ INTERMEDIATE METAL DRIP CORNICE / RECESS METAL GRILLS
SATIN FINISH IN DARK BRONZE TONE

03. OPENAIR ROOF PLANT SCREEN / LOADING DOCK/ SUBSTATION
SATIN METAL FINISH IN CHARCOAL TONE

04. ABOVE GF GLAZING
CONTINOUS LOW U-VALUE GLAZING - CLEAR VISION PANEL OR WITH INSULATED BACK PANEL

05. RECESS GLAZING
REFLECTIVE LOW U-VALUE GLAZING WITH INSULATED BACK PANEL ON GROUND LEVEL / VISION PANEL FROM MEZZANINE LEVEL UP

06. GF GLAZING
CONTINOUS LOW U-VALUE CLEAR VISION GLAZING

07. PRIVACY SCREEN
METAL PRIVACY SCREEN IN WHITE TONE IN SATIN FINISH

08. PLANTING
PLANTER BOX ON AWNING STRUCTURE WITH NATIVE PLANTS. PLANTER BOX TO MATCH DARK BRONZE TONE

09. GF COLUMN CLADDING
METAL CLADDING IN MIRROR FINISH

10. PLANT ROOM BRICK SCREEN
BRICK SCREEN WITH MURAL

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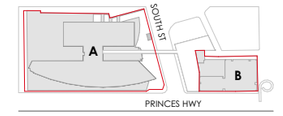


PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

DRAWN BY
TEAM

APPROVED BY
JF

PRINT DATE
10/20/2025

DRAWING
MATERIALITY: SITE B - BANK LN
MATERIALITY

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 1601

ISSUE
G

LEVEL	USE
Roof	Open Air Plant Room / Solar Farm / Lift Over Run
Level 6	Consulting Suites / Open Air Plant Room
Level 5	IPU
Level 4	IPU
Level 3	IPU
Level 2	IPU / Roof Garden
Level 1	IPU / Admin / Bridge Link
Mezzanine	Kitchen / Staff Room / Pathology
Ground Floor	Entry Lobby / Café / Reception / Admin / Pharmacy / Medical Imaging Loading / Store / Plant Rooms
Basement Level 1	Parking / Store / OSD / Plant Rooms
Basement Level 2	Parking / Store
Basement Level 3	Parking / Store
Basement Level 4	Parking / Store
Basement Level 5	Oncology / Parking / Store

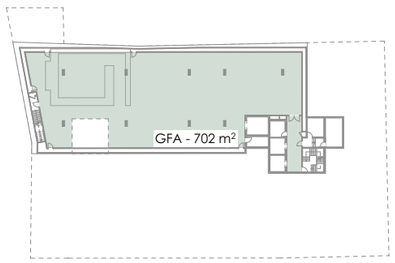
RL (m)	FLOOR TO FLOOR (m)
50.91	3.8
47.11	3.8
43.31	3.8
39.51	3.8
35.71	3.8
31.91	3.8
27.41	4.5
23.61	3.8
21.5	5.91
17.61	3/ 5.39 (Lower)
14.61	3
11.61	3
8.61	3
5.61	3 / 5.15 (Oncology)

GBA (sqm)	GFA (sqm)
1446	
1446	830
1446	1250
1446	1250
1446	1250
2020	1250
2020	1788
1777	647
1769	985
2220	
2220	
2220	
2220	
2017	702
25713	**9952**

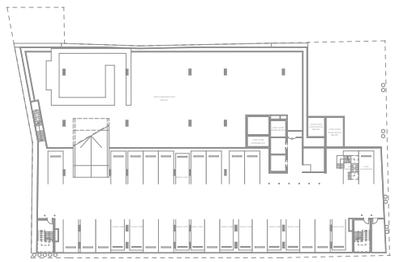
CAR PARK	BED COUNT
	33
	33
	33
	32
	24
37	
59	
59	
58	
28	
241	**155**

NOTE: GBA EXCLUDES GROUND FLOOR PORTE COCHERE AREA AND INCLUDES ROOF GARDEN ON LEVEL 1

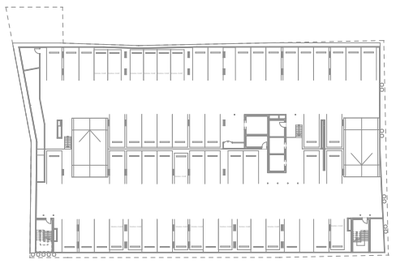
GFA DIAGRAM



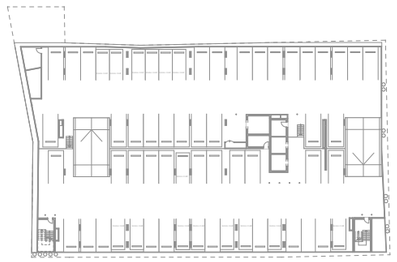
BASEMENT LEVEL 5 - LOWER DECK



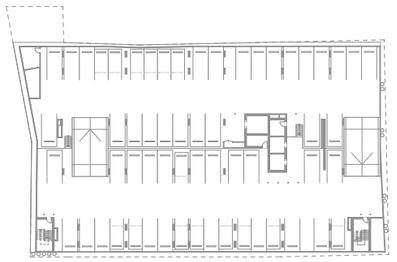
BASEMENT LEVEL 5 - UPPER DECK



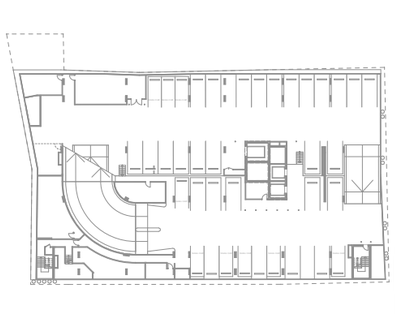
BASEMENT LEVEL 4



BASEMENT LEVEL 3



BASEMENT LEVEL 2



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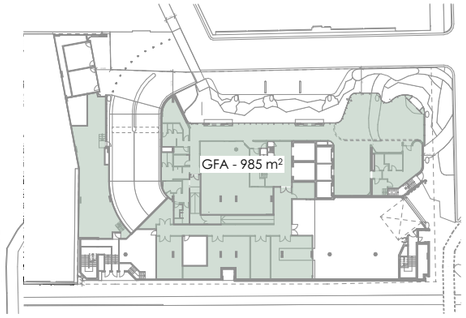
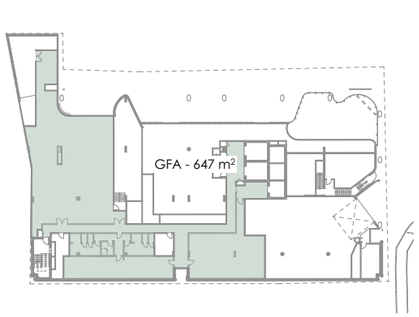
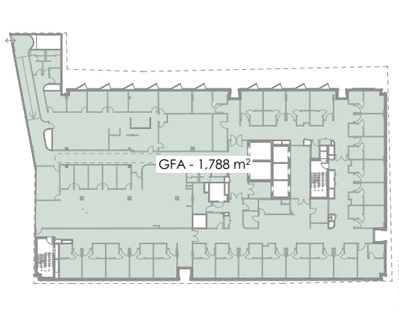


GROUND FLOOR



MEZZANINE



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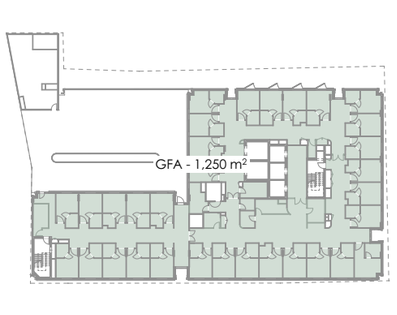

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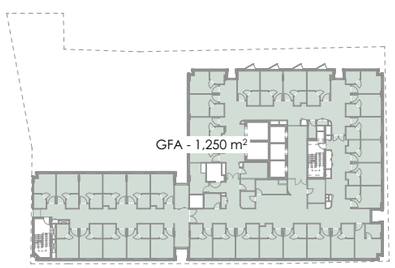

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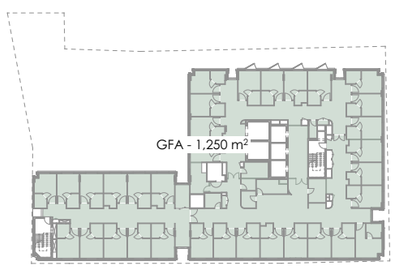

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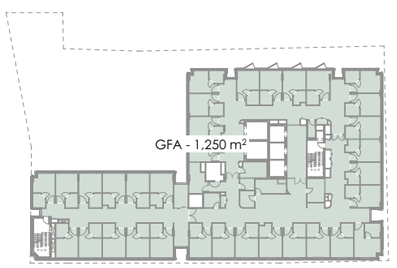

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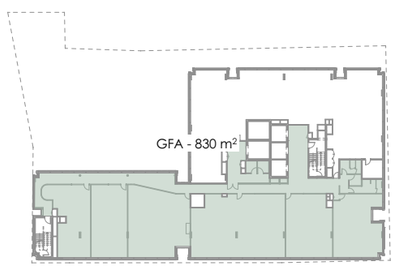
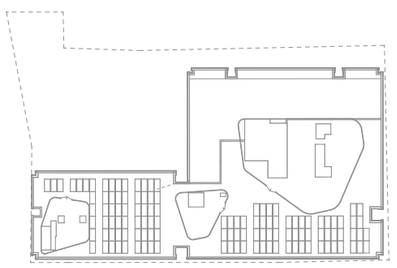


BASEMENT LEVEL 6



ROOF

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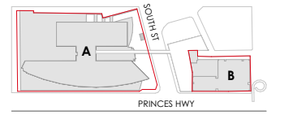
KEY:



PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

DRAWN BY
TEAM

APPROVED BY
JF

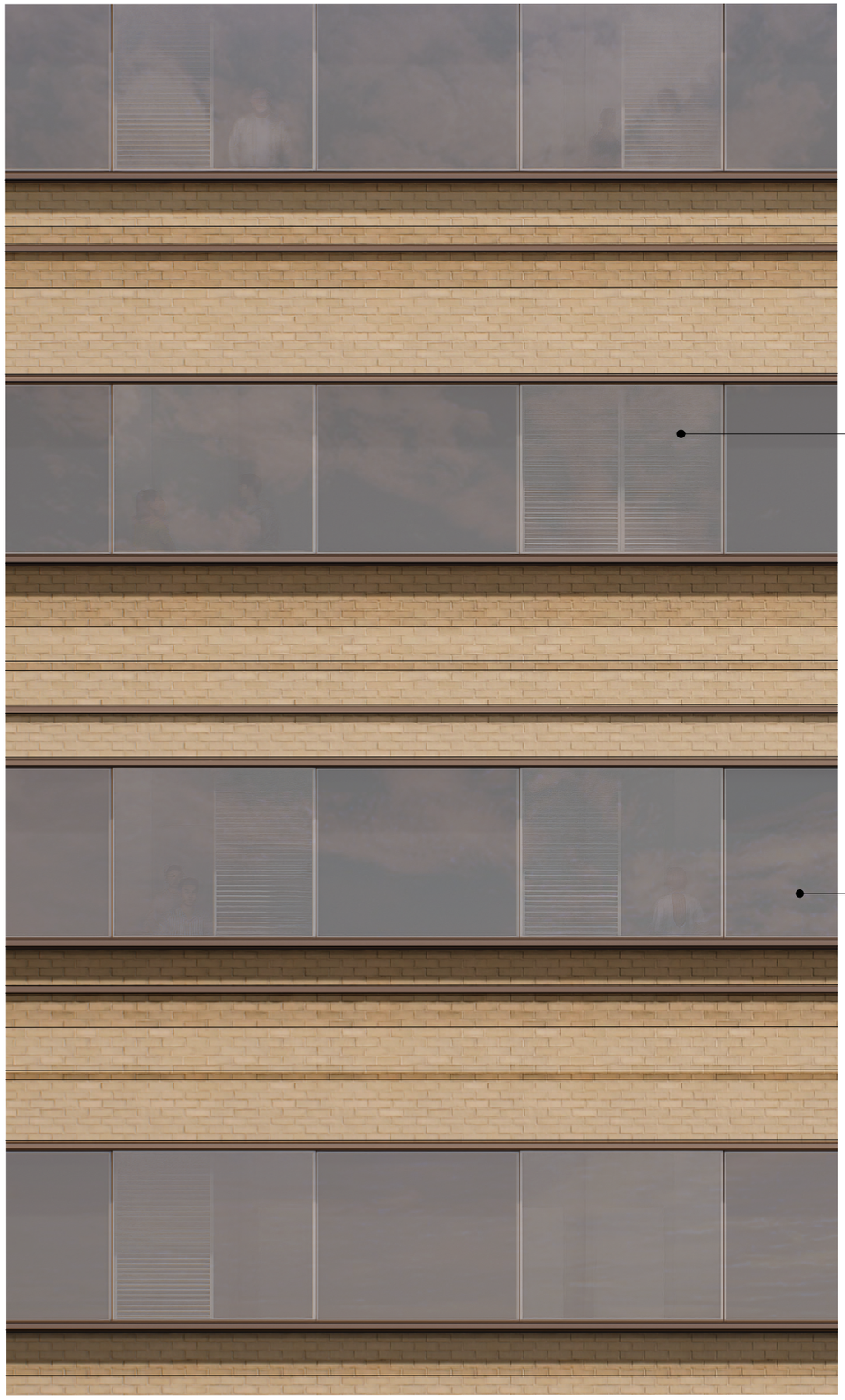
PRINT DATE
10/20/2025

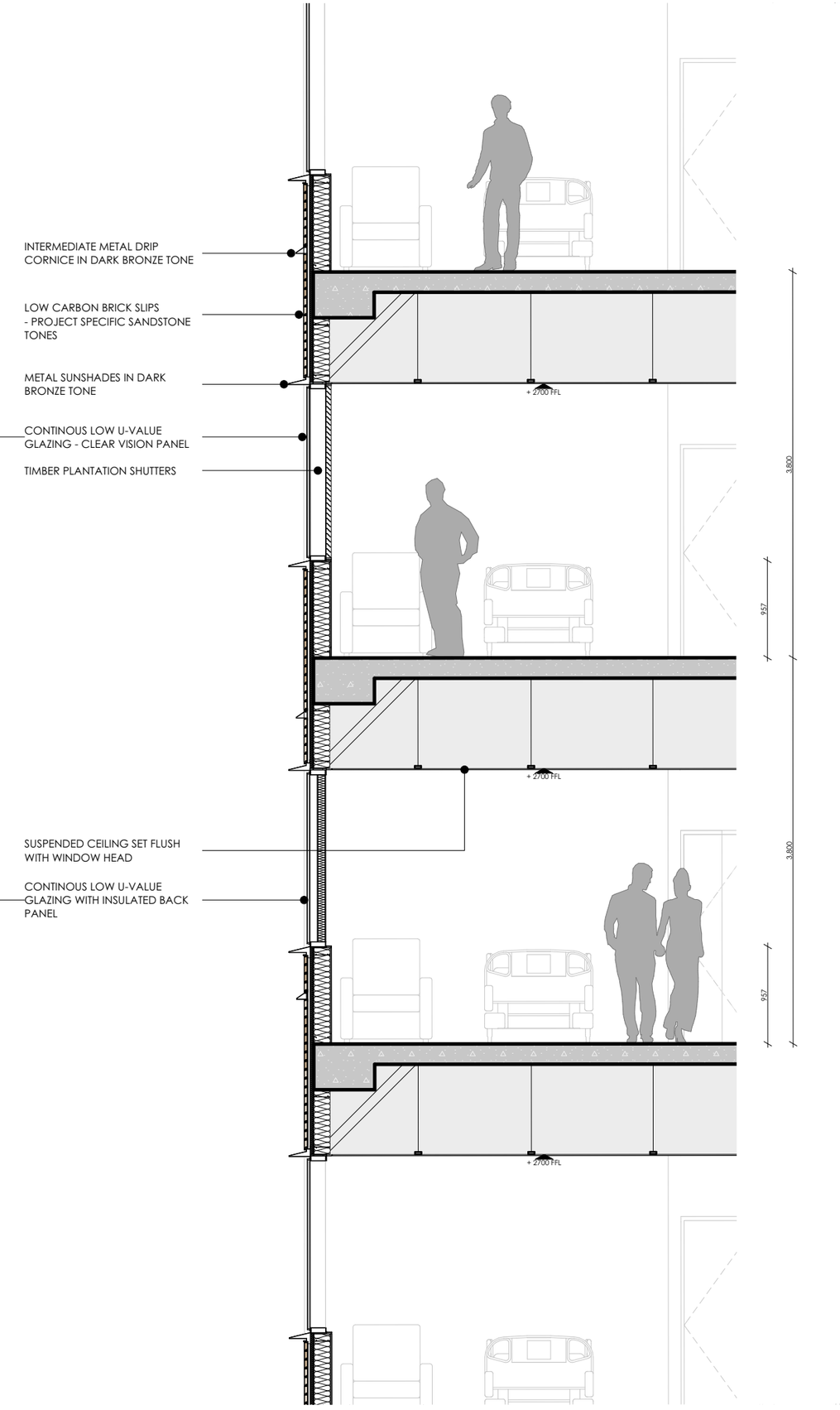
DRAWING
APPENDIX: SITE B - BANK LN
AREA SCHEDULE

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 1701

ISSUE
G





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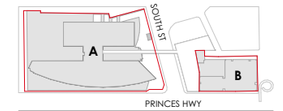


PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

DRAWN BY
TEAM

APPROVED BY
JF

PRINT DATE
10/20/2025

DRAWING
DETAIL: SITE B - BANK LN
FACADE DETAILS - TYPICAL

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 1701

ISSUE
G

KEY

SITE BOUNDARY

EXISTING SHADOWS

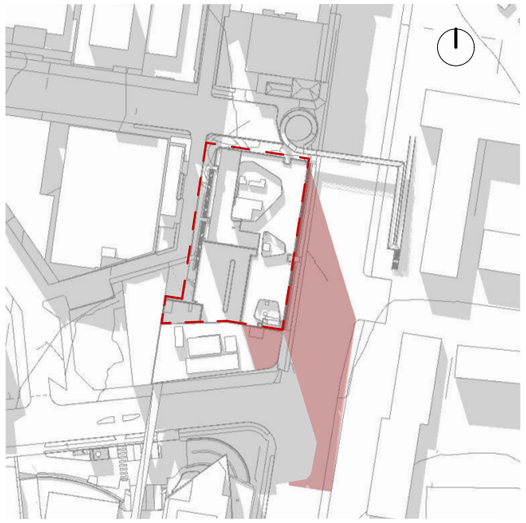
ADDITIONAL SHADOWS FROM PRPOSED DEVELOPMENT

9AM
JUNE 21ST

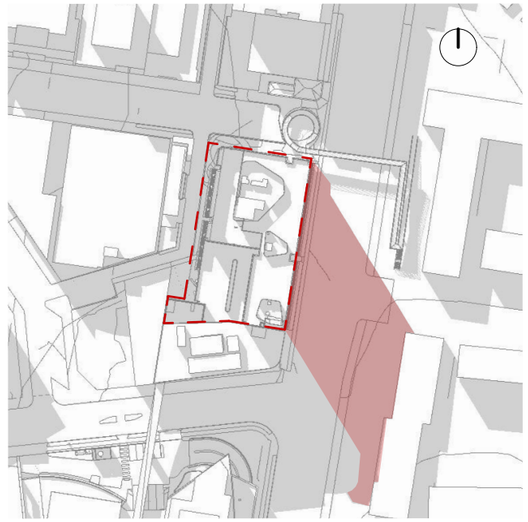
10AM
JUNE 21ST

11AM
JUNE 21ST

12 PM
JUNE 21ST



1 PM
JUNE 21ST



2PM
JUNE 21ST

3PM
JUNE 21ST

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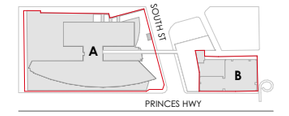

PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

DRAWN BY
TEAM

APPROVED BY
JF

PRINT DATE
10/20/2025

DRAWING
APPENDIX: SITE B - BANK LN
SHADOW DIAGRAM

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 1702

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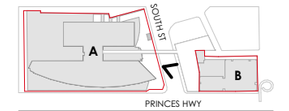

PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

SCALE
1:3.01 @A3

DRAWN BY
TEAM

20mm ON ORIGINAL

APPROVED BY
JF

PRINT DATE
10/20/2025

DRAWING
3D MONTAGE: : SITE A - SOUTH ST
3D MONTAGE

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 2101

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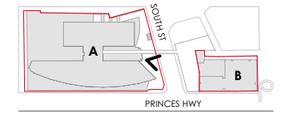


PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

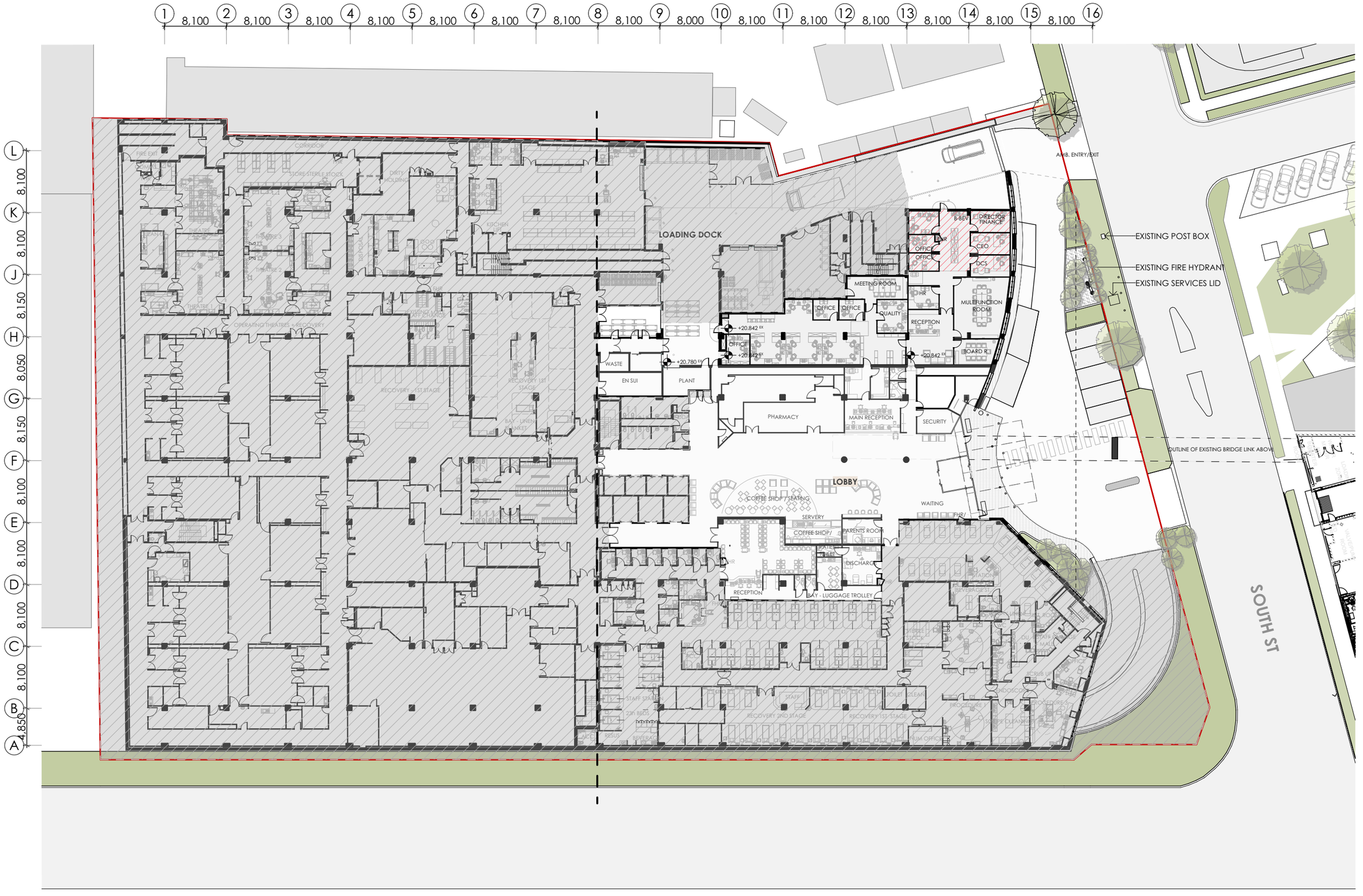
SCALE 1:3.10 @A3
DRAWN BY TEAM
20mm ON ORIGINAL
APPROVED BY JF

PRINT DATE
10/20/2025

DRAWING
3D MONTAGE: : SITE A - SOUTH ST
3D MONTAGE

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 2102
ISSUE
G



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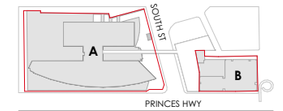


GENERAL LEGEND:

- REFER TO OTHER DRAWINGS OR OUT OF SCOPE
- SITE BOUNDARY LINE
- DEMOLITION SCOPE
- DASHED OUTLINE INDICATES EXTENT OF NEW DDA-COMPLIANT WORKS
- EXISTING WALLS AND STRUCTURE
- NEW WALLS AND STRUCTURE

PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

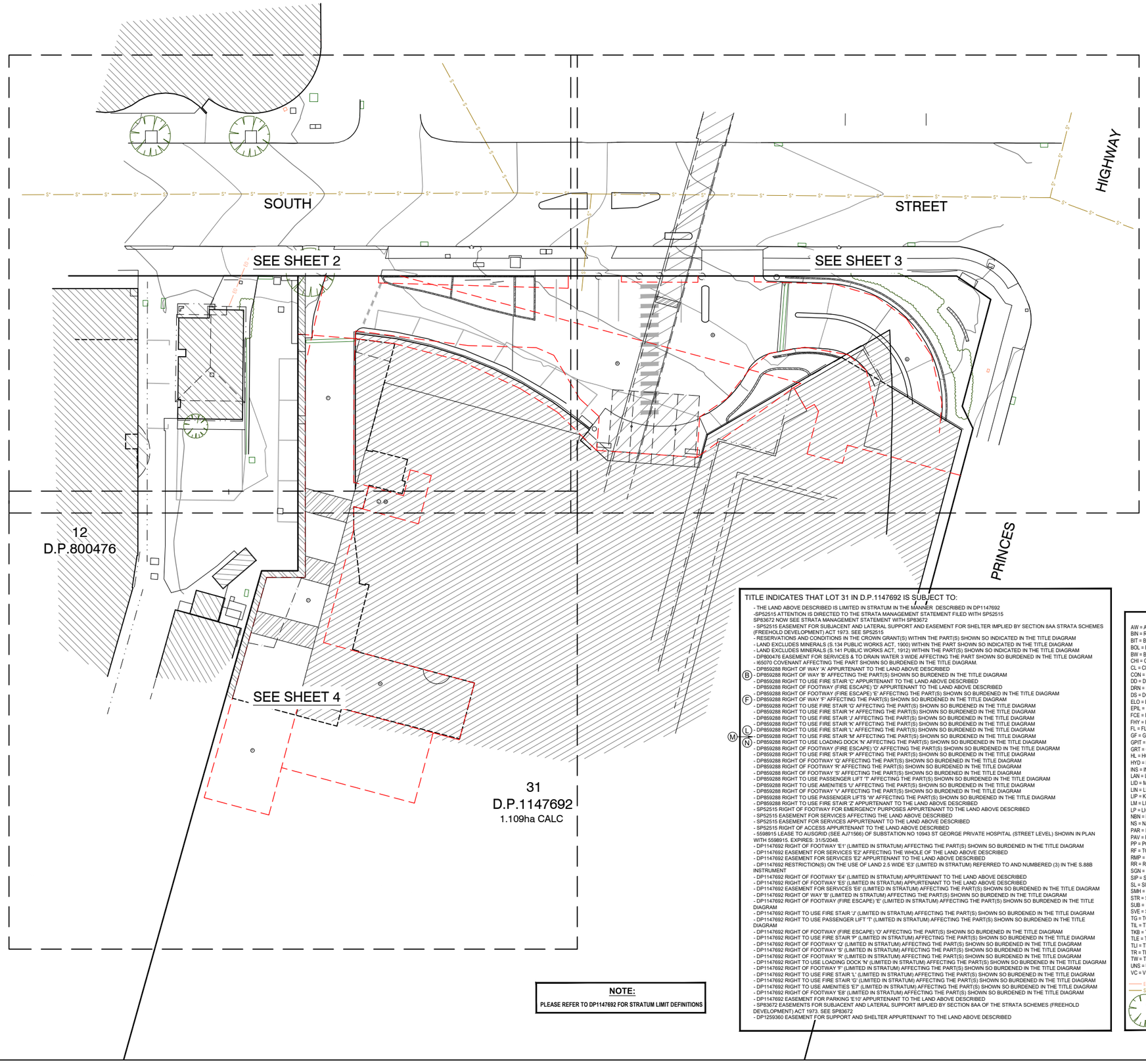
SCALE 1:500 @A3
DRAWN BY TEAM
20mm ON ORIGINAL
APPROVED BY JF
PRINT DATE 10/20/2025
PROJECT NORTH

DRAWING
EXISTING: SITE A - SOUTH ST
SCOPE OF WORKS

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 2201
ISSUE
G

A1



ABOUT 1°00'

APPROX. TRUE NORTH
MGA NORTH (PLAN)

NOTE:

PLEASE REFER TO DP1147692 FOR STRATUM LIMIT DEFINITIONS

TITLE INDICATES THAT LOT 31 IN D.P.1147692 IS SUBJECT TO:

- THE LAND ABOVE DESCRIBED IS LIMITED IN STRATUM IN THE MANNER DESCRIBED IN DP1147692
- SP52515 ATTENTION IS DIRECTED TO THE STRATA MANAGEMENT STATEMENT FILED WITH SP52515
- SP83672 NOW SEE STRATA MANAGEMENT STATEMENT WITH SP83672
- SP52515 EASEMENT FOR SUBJACENT AND LATERAL SUPPORT AND EASEMENT FOR SHELTER IMPLIED BY SECTION 8AA STRATA SCHEMES (FREEHOLD DEVELOPMENT) ACT 1973. SEE SP52515
- RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S) WITHIN THE PART(S) SHOWN SO INDICATED IN THE TITLE DIAGRAM
- LAND EXCLUDES MINERALS (S.134 PUBLIC WORKS ACT, 1900) WITHIN THE PART SHOWN SO INDICATED IN THE TITLE DIAGRAM
- LAND EXCLUDES MINERALS (S.141 PUBLIC WORKS ACT, 1912) WITHIN THE PART(S) SHOWN SO INDICATED IN THE TITLE DIAGRAM
- DP800476 EASEMENT FOR SERVICES & TO DRAIN WATER 3 WIDE AFFECTING THE PART SHOWN SO BURDENED IN THE TITLE DIAGRAM
- I650070 COVENANT AFFECTING THE PART SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT OF WAY 'A' APPURTENANT TO THE LAND ABOVE DESCRIBED
- (B) - DP859288 RIGHT OF WAY 'B' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT TO USE FIRE STAIR 'C' APPURTENANT TO THE LAND ABOVE DESCRIBED
- DP859288 RIGHT OF FOOTWAY (FIRE ESCAPE) 'D' APPURTENANT TO THE LAND ABOVE DESCRIBED
- DP859288 RIGHT OF FOOTWAY (FIRE ESCAPE) 'E' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- (F) - DP859288 RIGHT OF WAY 'F' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT TO USE FIRE STAIR 'G' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT TO USE FIRE STAIR 'H' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT TO USE FIRE STAIR 'J' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT TO USE FIRE STAIR 'K' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- (L) - DP859288 RIGHT TO USE FIRE STAIR 'L' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- (M) - DP859288 RIGHT TO USE FIRE STAIR 'M' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- (N) - DP859288 RIGHT TO USE LOADING DOCK 'N' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT OF FOOTWAY (FIRE ESCAPE) 'O' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT TO USE FIRE STAIR 'P' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT OF FOOTWAY 'Q' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT OF FOOTWAY 'R' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT OF FOOTWAY 'S' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT TO USE PASSENGER LIFT 'T' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT TO USE AMENITIES 'U' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT OF FOOTWAY 'V' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT TO USE PASSENGER LIFTS 'W' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP859288 RIGHT TO USE FIRE STAIR 'Z' APPURTENANT TO THE LAND ABOVE DESCRIBED
- SP52515 RIGHT OF FOOTWAY FOR EMERGENCY PURPOSES APPURTENANT TO THE LAND ABOVE DESCRIBED
- SP52515 EASEMENT FOR SERVICES AFFECTING THE LAND ABOVE DESCRIBED
- SP52515 EASEMENT FOR SERVICES APPURTENANT TO THE LAND ABOVE DESCRIBED
- SP52515 RIGHT OF ACCESS APPURTENANT TO THE LAND ABOVE DESCRIBED
- 5598915 LEASE TO AUSGRID (SEE AJ71566) OF SUBSTATION NO 10943 ST GEORGE PRIVATE HOSPITAL (STREET LEVEL) SHOWN IN PLAN WITH 5598915. EXPIRES: 31/5/2048.
- DP1147692 RIGHT OF FOOTWAY 'E1' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 EASEMENT FOR SERVICES 'E2' AFFECTING THE WHOLE OF THE LAND ABOVE DESCRIBED
- DP1147692 EASEMENT FOR SERVICES 'E2' APPURTENANT TO THE LAND ABOVE DESCRIBED
- DP1147692 RESTRICTION(S) ON THE USE OF LAND 2.5 WIDE 'E3' (LIMITED IN STRATUM) REFERRED TO AND NUMBERED (3) IN THE S.88B INSTRUMENT
- DP1147692 RIGHT OF FOOTWAY 'E4' (LIMITED IN STRATUM) APPURTENANT TO THE LAND ABOVE DESCRIBED
- DP1147692 RIGHT OF FOOTWAY 'E5' (LIMITED IN STRATUM) APPURTENANT TO THE LAND ABOVE DESCRIBED
- DP1147692 EASEMENT FOR SERVICES 'E6' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT OF WAY 'B' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT OF FOOTWAY (FIRE ESCAPE) 'E' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT TO USE FIRE STAIR 'J' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT TO USE PASSENGER LIFT 'T' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT OF FOOTWAY (FIRE ESCAPE) 'O' AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT TO USE FIRE STAIR 'P' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT OF FOOTWAY 'Q' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT OF FOOTWAY 'S' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT OF FOOTWAY 'R' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT TO USE LOADING DOCK 'N' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT OF FOOTWAY 'F' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT TO USE FIRE STAIR 'L' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT TO USE FIRE STAIR 'G' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT TO USE AMENITIES 'E7' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 RIGHT OF FOOTWAY 'E8' (LIMITED IN STRATUM) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP1147692 EASEMENT FOR PARKING 'E10' APPURTENANT TO THE LAND ABOVE DESCRIBED
- SP83672 EASEMENTS FOR SUBJACENT AND LATERAL SUPPORT IMPLIED BY SECTION 8AA OF THE STRATA SCHEMES (FREEHOLD DEVELOPMENT) ACT 1973. SEE SP83672
- DP1259360 EASEMENT FOR SUPPORT AND SHELTER APPURTENANT TO THE LAND ABOVE DESCRIBED

LEGEND:

AW = AWNING
BIN = RUBBISH BIN
BIT = BITUMEN
BOL = BOLLARD
BW = BOTTOM WALL
CHI = CHIMNEY
CL = CENTRELINE
CON = CONCRETE
DD = DISH DRAIN
DRN = DRAIN
DS = DOOR SILL LEVEL
ELO = ELECTRICITY LINE OVERHEAD
EPIL = ELECTRICITY PILLAR
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
GF = GUTTER LEVEL
GPIT = GAS PIT
GRT = GRATE
HL = HOOD LEVEL
HYD = HYDRANT
INS = INSPECTION PIT
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LIP = KERB LIP
LM = LINE MARKING
LP = LIGHT POLE
NBN = NBN PIT
NS = NATURAL SURFACE
PAR = PARAPET
PAV = PAVING
PP = POWER POLE
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SGN = SIGN
SIP = SEWER INSPECTION PIT
SL = SILL LEVEL
SMH = SEWER MAN HOLE
STR = STAIRS
SUB = ELECTRICITY SUBSTATION
SVE = SEWER VENT
TG = TOP OF GUTTER
TIL = TILE
TKB = TOP OF KERB
TLE = TREE LINE
TLI = TRAFFIC LIGHT
TR = TREE
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
VC = VEHICLE CROSSING

ED = ELECTRICITY OVERHEAD
S = SEWER UNDERGROUND

TREE
SPREAD-DIAMETER-HEIGHT
M = MULTIPLE TRUNKS

NOTES:

- **BOUNDARY IDENTIFICATION HAS BEEN UNDERTAKEN.**
- **WALL TO BOUNDARY DIMENSIONS SHOWN HEREON MUST NOT BE USED FOR CONSTRUCTION.**
- **IF CONSTRUCTION IS INTENDED TO BE UNDERTAKEN ON OR ADJACENT TO PROPERTY BOUNDARIES THE BOUNDARIES OF THE LAND MUST BE MARKED OR THE BUILDING SETOUT.**
- **THIS SURVEY IS FOR DESIGN PURPOSES OF THE SUBJECT LAND ONLY. THIS PLAN MUST NOT BE USED FOR ANY OTHER MATTER, PURPOSE OR CONSTRUCTION SETOUT.**
- TREE SIZES ARE ESTIMATES ONLY.
- THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF RAMSAY HEALTHCARE LIMITED C/O - AKALAN PROJECTS PTY LTD.
- RELATIONSHIP OF IMPROVEMENTS TO BOUNDARIES IS DIAGRAMMATIC ONLY. WHERE OFFSETS ARE CRITICAL THEY SHOULD BE CONFIRMED BY FURTHER SURVEY.
- EXCEPT WHERE SHOWN BY DIMENSION LOCATION OF DETAIL WITH RESPECT TO BOUNDARIES IS INDICATIVE ONLY.
- ONLY VISIBLE SERVICES HAVE BEEN LOCATED. UNDERGROUND SERVICES HAVE NOT BEEN LOCATED. BEFORE YOU DIG AUSTRALIA (www.byda.com.au) SHOULD BE USED AND A FULL UTILITY INVESTIGATION, INCLUDING A UTILITY LOCATION SURVEY, SHOULD BE UNDERTAKEN BEFORE CARRYING OUT ANY CONSTRUCTION ACTIVITY IN OR NEAR THE SURVEYED AREA.
- SEWER MAIN PLOTTED FROM SYDNEY WATER SEWER DIAGRAM. LOCATION SHOULD BE MARKED ON SITE IF CRITICAL.
- CRITICAL SPOT LEVELS SHOULD BE CONFIRMED WITH SURVEYOR.
- CONTOURS SHOWN DEPICT THE TOPOGRAPHY. THEY DO NOT REPRESENT THE EXACT LEVEL AT ANY PARTICULAR POINT. ONLY SPOT LEVELS SHOULD BE USED FOR CALCULATIONS OF QUANTITIES WITH CAUTION.
- CONTOUR INTERVAL - 0.5 metre. - SPOT LEVELS SHOULD BE ADOPTED.
- POSITION OF RIDGE LINES ARE DIAGRAMMATIC ONLY (NOT TO SCALE).
- THE INFORMATION IS ONLY TO BE USED AT A SCALE ACCURACY OF 1:100.
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MARK REID
REGISTERED SURVEYOR BOSSI NUMBER 183

1	FIRST ISSUE	29/04/2025

BEFORE YOU DIG www.byda.com.au
Zero Damage - Zero Harm

0 2.5 5 7.5 10 12.5
SCALE 1:250

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GDA2020
MARKS ADOPTED: SSM 25191 & DP1147692

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 25191
R.L. 19.826 (CLASS LB)
SOURCE: S.C.I.M.S. (8/04/2025)

CLIENT:

RAMSAY HEALTHCARE LIMITED C/O - AKALAN PROJECTS PTY LTD

LGA: GEORGES RIVER

BOUNDARY IDENTIFICATION AND DETAIL & LEVEL SURVEY OVER PART OF LOT 31 IN DP1147692 & LOT 12 IN D.P.800476 No.1A SOUTH STREET KOGARAH, NSW, 2217

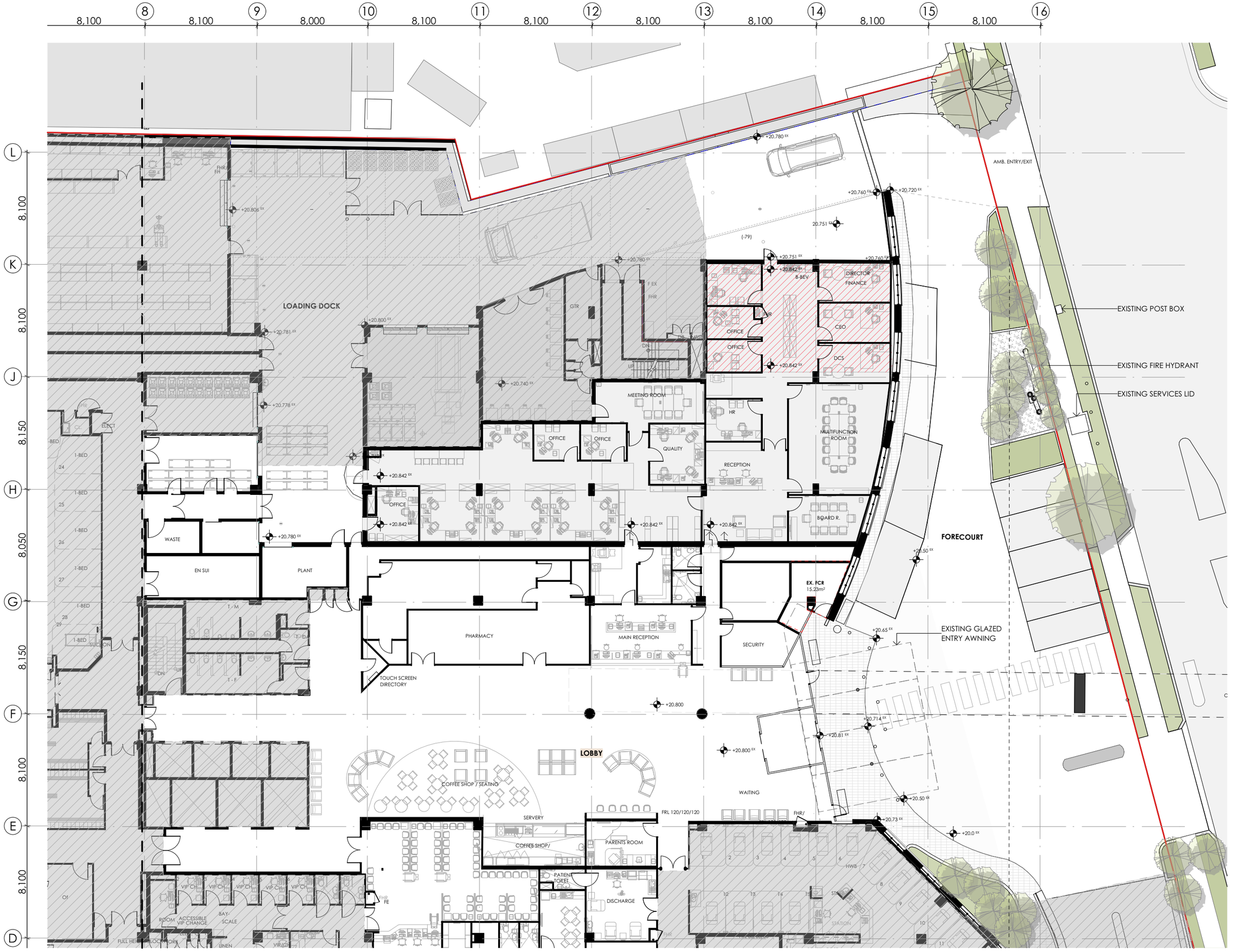
CMS SURVEYORS PTY LTD
ACN 096 240 201
PO Box 463 Dee Why, NSW, 2099
2/99A South Creek Road, Dee Why, NSW, 2099
☎ (02) 9971 4802
✉ info@cmssurveyors.com.au
www.cmssurveyors.com.au

SURVEYED	DRAWN	CHECKED	APPROVED
JM	GP	JM	RM

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
17006P	1:250@A1	9-10/04/2025

DRAWING NAME **17006Pdetail** SHEET 1 OF 4 ISSUE **1**

CAD FILE 17006Pdetail 1.dwg



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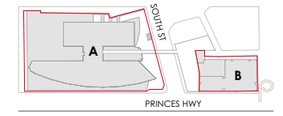

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- EXISTING WALLS AND STRUCTURE
- NEW WALLS AND STRUCTURE

PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

SCALE
1:250 @A3

20mm ON ORIGINAL

DRAWN BY
TEAM

APPROVED BY
JF

PRINT DATE
10/20/2025

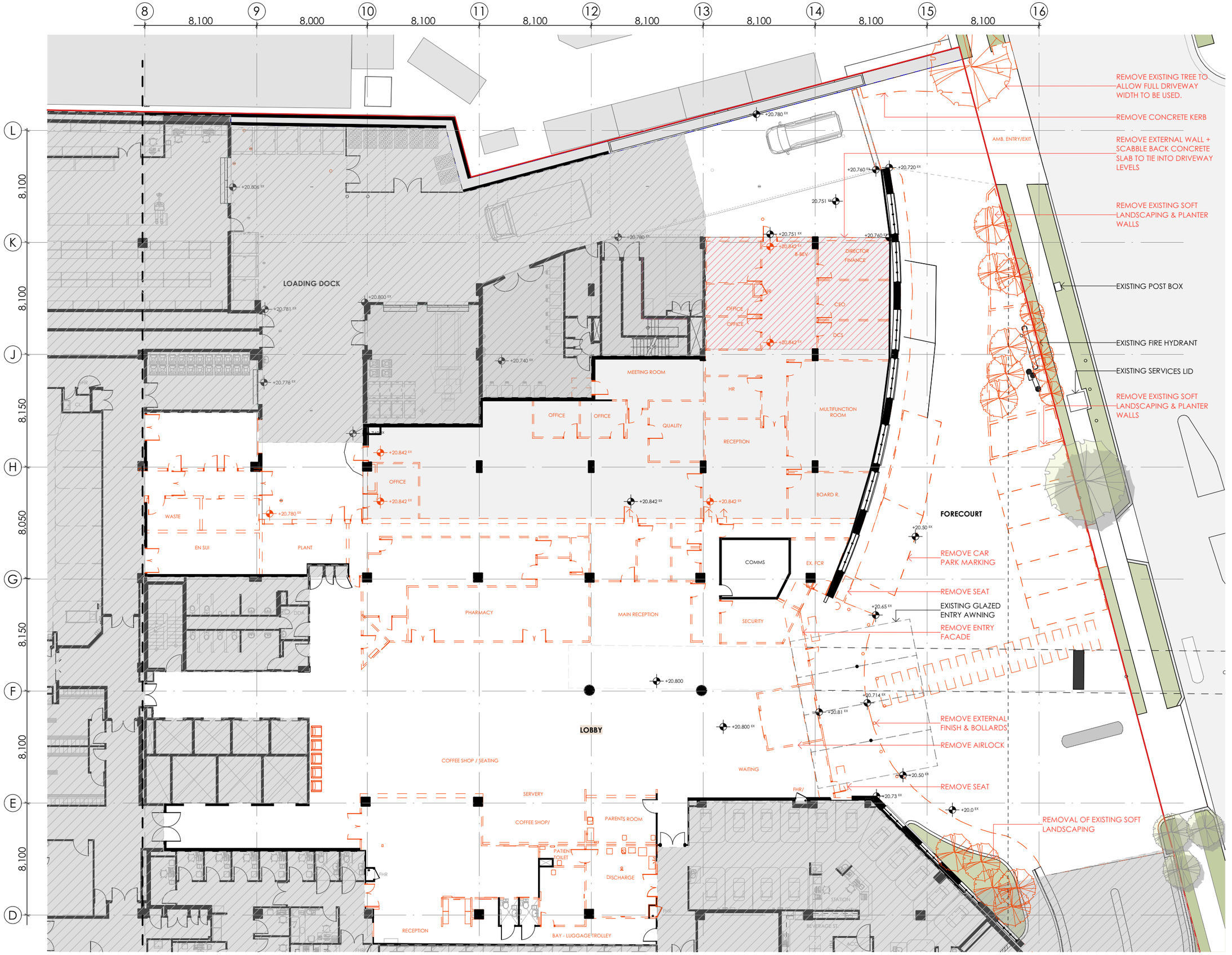
PROJECT NORTH

DRAWING
EXISTING: SITE A - SOUTH ST
EXISTING PLAN

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 2203

ISSUE
G



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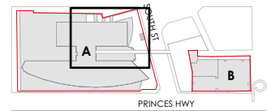

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- EXISTING WALLS AND STRUCTURE
- NEW WALLS AND STRUCTURE

PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

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20mm ON ORIGINAL
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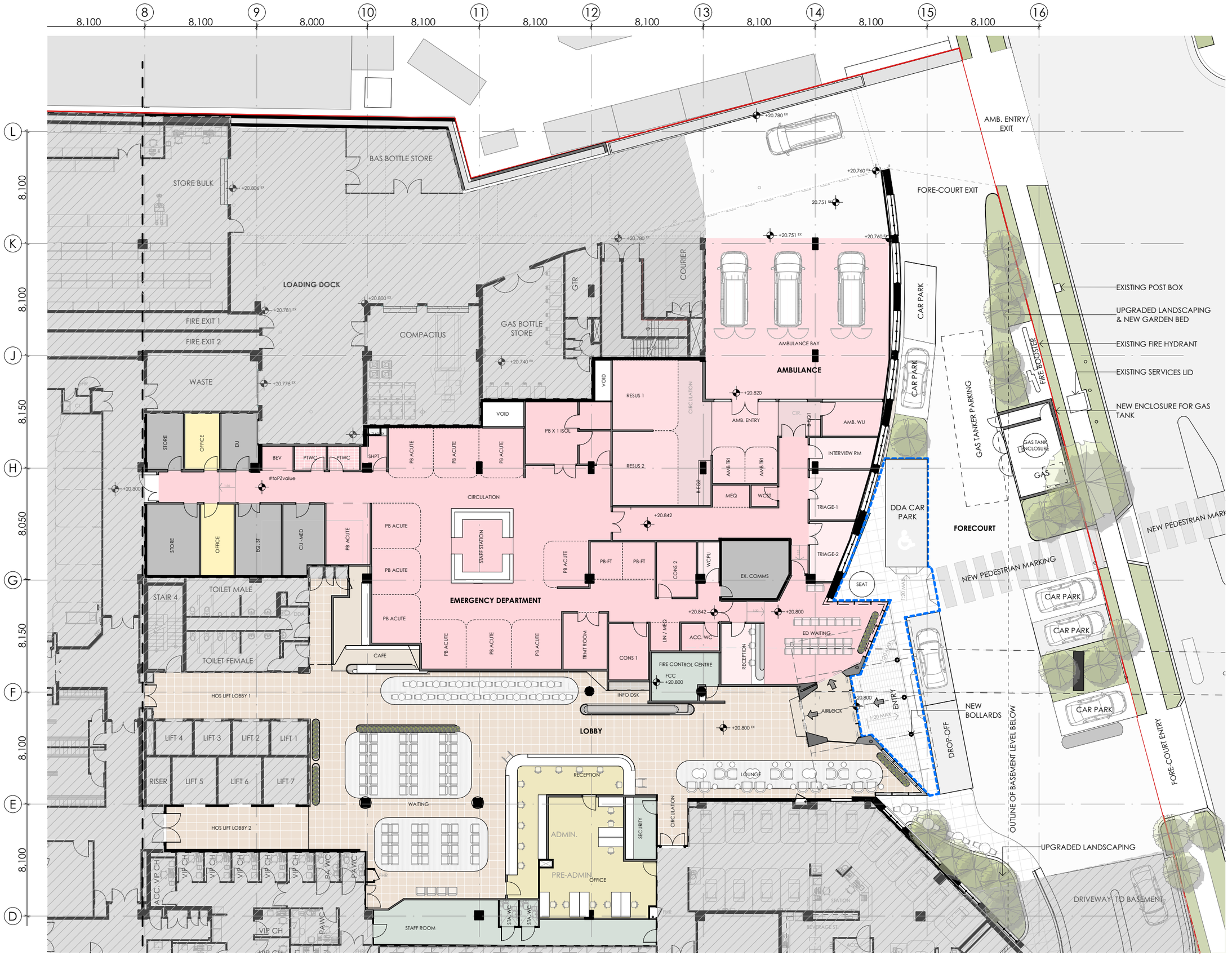
PRINT DATE 10/20/2025
PROJECT NORTH

DRAWING
DEMOLITION: SITE A - SOUTH ST
DEMOLITION PLAN

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 2301
ISSUE
G



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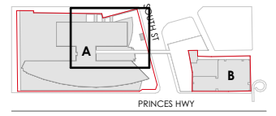

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- NEW WALLS AND STRUCTURE

PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

SCALE 1:250 @A3

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PRINT DATE 10/20/2025

PROJECT NORTH

DRAWING

GENERAL ARRANGEMENT PLAN: : SITE A - SOUTH ST

GROUND FLOOR PLAN

PROJECT NUMBER **22505**

DRAWING NUMBER **DA - 2401**

ISSUE **G**

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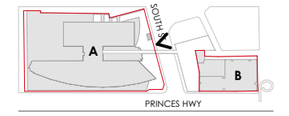

PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

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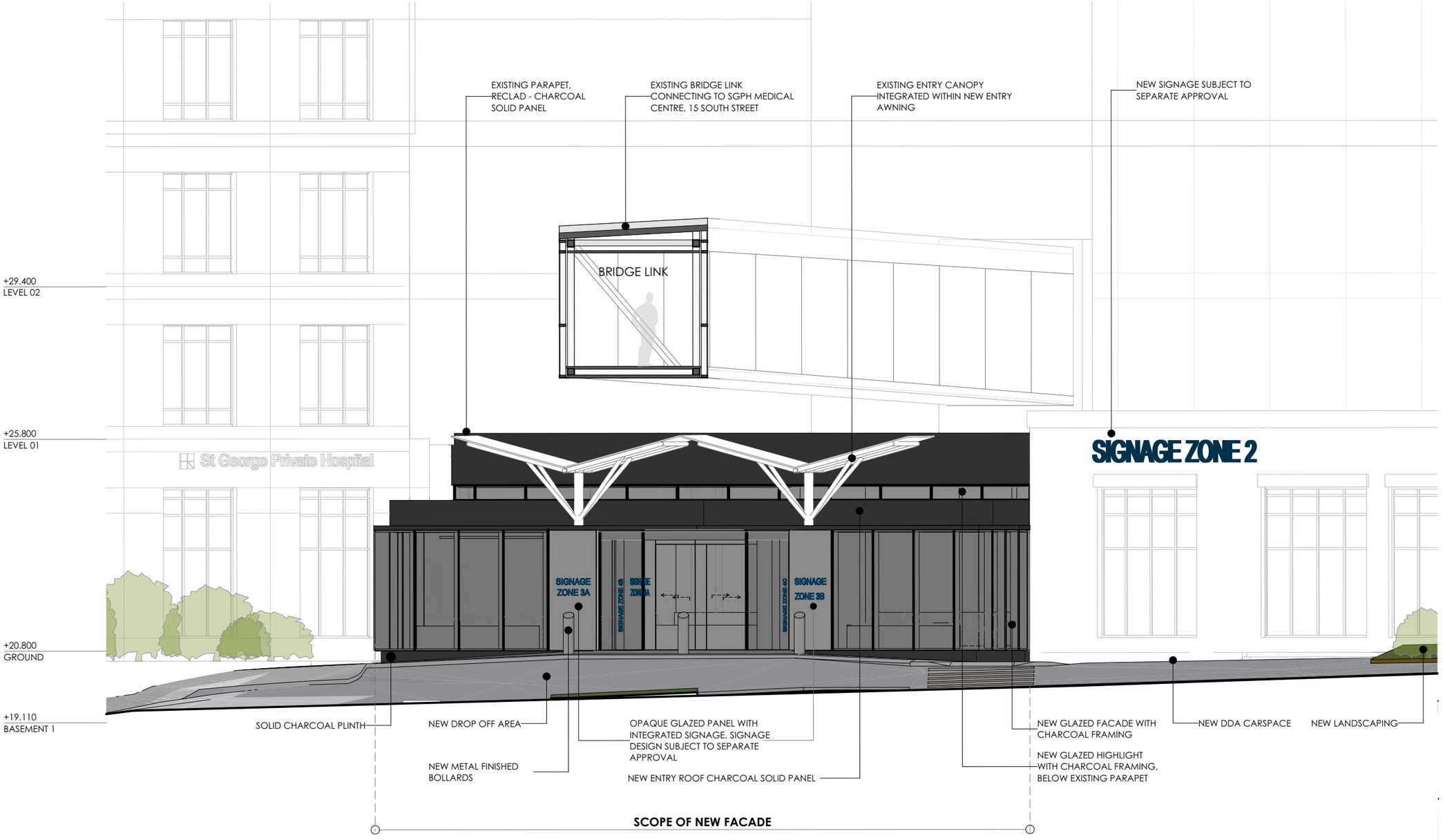
GENERAL ARRANGEMENT ELEVATION: : SITE A - SOUTH ST
NORTH - FROM SOUTH ST

PROJECT NUMBER **22505**

DRAWING NUMBER **DA - 2501**

ISSUE **G**



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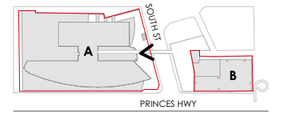

PROJECT
St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

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PROJECT MANAGER

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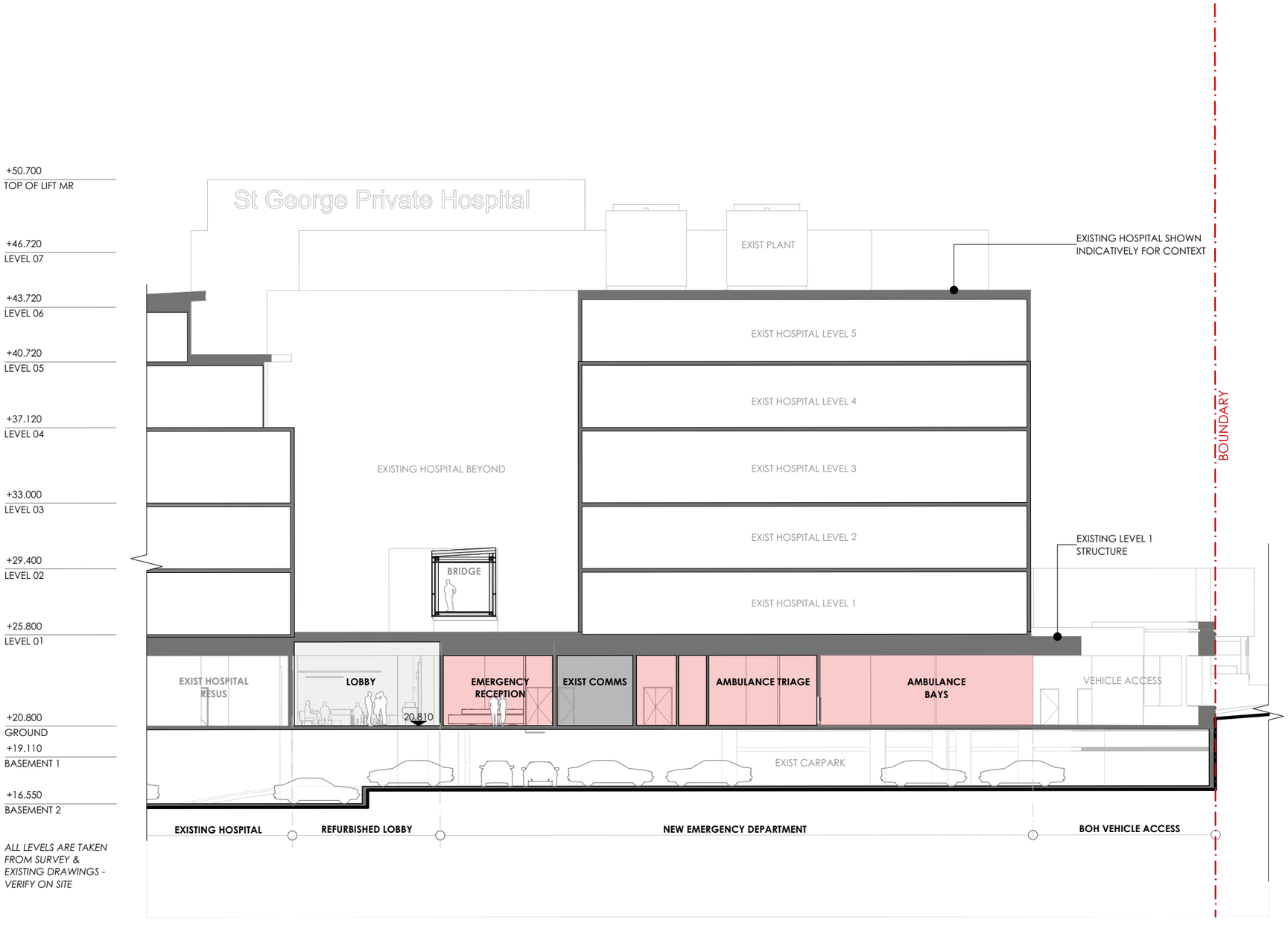
GENERAL ARRANGEMENT ELEVATION: : SITE A - SOUTH ST
NEW ENTRY - FROM FORECOURT

PROJECT NUMBER
22505

DRAWING NUMBER
DA - 2502
ISSUE
G



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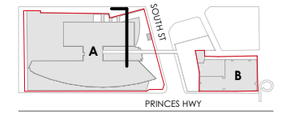

PROJECT

St George Private Hospital Expansion

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Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

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PROJECT MANAGER

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DRAWING

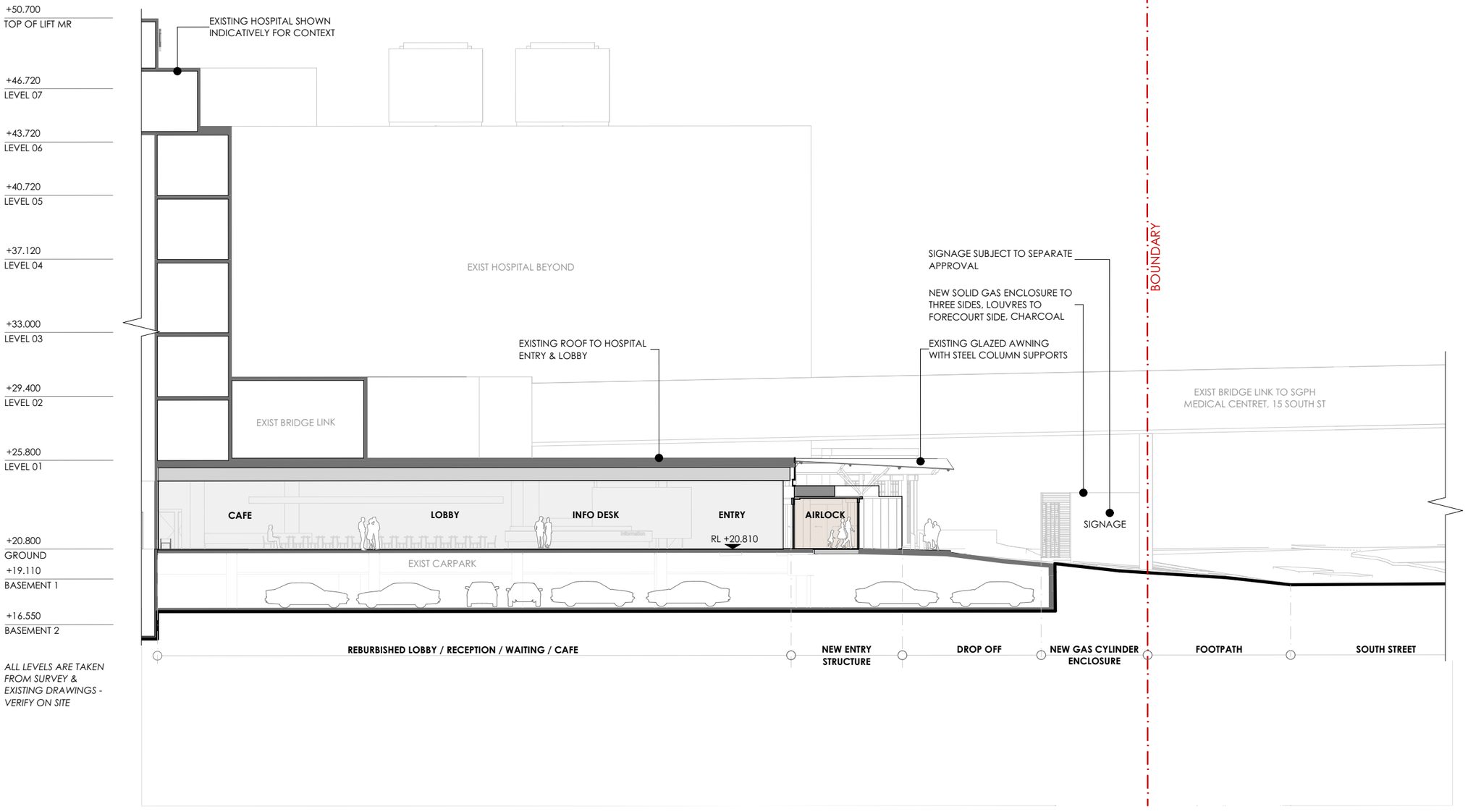
GENERAL ARRANGEMENT SECTION: : SITE A - SOUTH ST

SECTION A-A

PROJECT NUMBER **22505**

DRAWING NUMBER **DA - 2601**

ISSUE **G**



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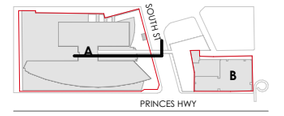
KEY:



PROJECT

St George Private Hospital Expansion

Site A: 1 South St, Kogarah NSW 2217
Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

Located on Bidjigal Country

PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

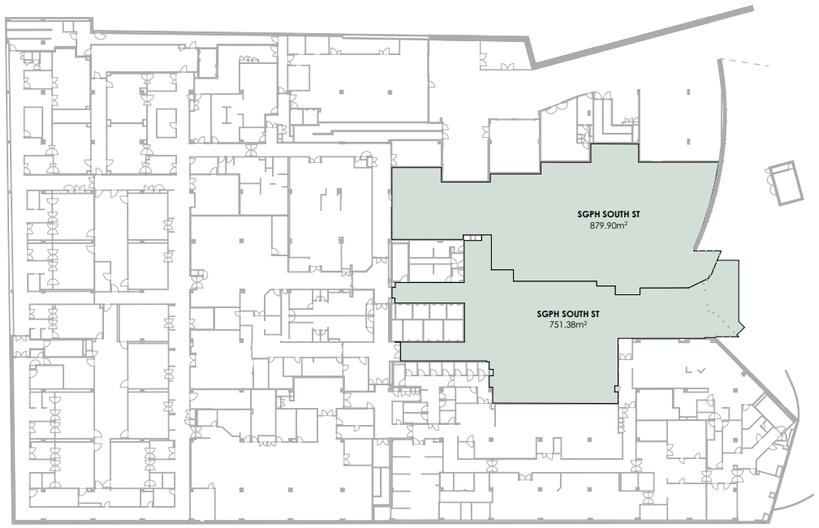
SCALE 1:250 @A3
DRAWN BY TEAM
20mm ON ORIGINAL
APPROVED BY JF

PRINT DATE 10/20/2025

DRAWING
GENERAL ARRANGEMENT SECTION: : SITE A - SOUTH ST
SECTION B-B

PROJECT NUMBER **22505**

DRAWING NUMBER **DA - 2602**
ISSUE **G**



1 AREA - GFA PLAN
SCALE - 1:1000

SOUTH ST SOA - GFA	
GFA	
SGPH SOUTH ST	1,631.28
	1,631.28 m²

2 AREA - SOA - GFA
SCALE -

fitzpatrick +partners

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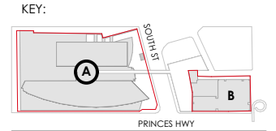

GENERAL LEGEND:

- REFER TO OTHER DRAWINGS OR OUT OF SCOPE
- SITE BOUNDARY LINE
- DEMOLITION SCOPE
- DASHED OUTLINE INDICATES EXTENT OF NEW DDA-COMPLIANT WORKS
- EXISTING WALLS AND STRUCTURE
- NEW WALLS AND STRUCTURE

PROJECT
St George Private Hospital Expansion

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Site B: 119-129 Princes Hwy & 2 Hogben St, Kogarah NSW 2217

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PHASE DESIGN DEVELOPMENT - SSDA

PROJECT MANAGER

Akalan

SCALE 1:1000 @A3
20mm ON ORIGINAL

DRAWN BY TEAM
APPROVED BY JF

PRINT DATE 10/20/2025

PROJECT NORTH

DRAWING
AREA SCHEDULE: SITE A - SOUTH ST
AREA SCHEDULES | SOUTH ST

PROJECT NUMBER
22505

DRAWING NUMBER **DA - 2901**
ISSUE **G**