

ENVIRONMENTAL INVESTIGATION SERVICES

### REPORT

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### WATERMARK CHATSWOOD PTY LTD

ON

# PRELIMINARY STAGE 1 ENVIRONMENTAL SITE ASSESSMENT

FOR

# PROPOSED CHATSWOOD GLOF CLUB RE-DEVELOPMENT

AT

# **126 BEACONSFIELD ROAD, CHATSWOOD, NSW**

REF: E27168KDrpt

30 AUGUST 2016







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### **EXECUTIVE SUMMARY**

Watermark Chatswood Pty Ltd ('the client') commissioned Environmental Investigation Services (EIS) to undertake a Preliminary Stage 1 Environmental Site Assessment (PESA) for the proposed redevelopment at Chatswood Golf Club, Beaconsfield Road, Chatswood, NSW.

The site location and the proposed development assessment area are shown on Figure 1. The proposed development area is referred to as 'the site' in this report.

EIS have undertaken a Preliminary Soil Screening and Waste Classification Assessment for a previous proposed subdivision in the south section of the site

The assessment objectives were to: identify the areas of environmental concern (AEC); prepare a conceptual site model (CSM); establish whether an intrusive (Stage 2) investigation is required and comment on the suitability of the site for the proposed development.

A review of the site history information has indicated the following:

- The land title records indicated that the site was one owned by a grazier between 1916 and 1918. The site has been owned by the Chatswood Golf Club since approximately 1945 to date;
- The aerial photographs indicated that the Chatswood Golf Club was constructed between 1965 and 1970;
- Council records indicate that a building application for the storage of flammable liquids was submitted in 1985 and building applications for alterations and additions to the club house building were submitted to council in 1965 and 1994;
- WorkCover records indicated that a current licence is held by Chatswood Golf Club. The licence relates to the storage of petroleum and pesticide liquids. The hazardous goods storage area are located within associated green keepers sheds off-site; and
- NSW EPA records did not indicate any notices for the site.

EIS consider the site can be made suitable for the Chatswood Golf Club redevelopment provided the following additional work is undertaken to better assess the risks:

- 1. Undertake a Stage 2 ESA to meet the sampling density outlined in the NSW EPA Contaminated Sites Sampling Design Guidelines (1995);
- 2. Undertake a waste classification assessment for the off-site disposal of material excavated for the proposed development; and
- 3. If any contamination is encountered prepare and implement a Remediation Action Plan (RAP).

The conclusions and recommendations should be read in conjunction with the limitations presented in the body of the report.



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### **ABBREVIATIONS**

Asbestos Containing Material	ACM
Area of Environmental Concern	AEC
Australian Height Datum	AHD
Acid Sulfate Soil	ASS
Above Ground Storage Tank	AST
Below Ground Level	BGL
Bureau of Meteorology	BOM
Benzene, Toluene, Ethylbenzene, Xylene, Naphthalene	BTEXN
Cation Exchange Capacity	CEC
Contaminated Land Management	CLM
Conceptual Site Model	CSM
Environmental Protection Agency	EPA
Environmental Site Assessment	ESA
International Organisation of Standardisation	ISO
Light Non-Aqueous Phase Liquid	LNAPL
Local Government Authority	LGA
Map Grid of Australia	MGA
National Association of Testing Authorities	ΝΑΤΑ
National Environmental Protection Measure	NEPM
Organochlorine Pesticides	OCP
Organophosphate Pesticides	OPP
Polycyclic Aromatic Hydrocarbons	РАН
Potential Contaminants of Concern	PCC
Remediation Action Plan	RAP
Sampling, Analysis and Quality Plan	SAQP
Site Audit Statement	SAS
Site Audit Report	SAR
Semi-Volatile Organic Compounds	sVOC
Standard Water Level	SWL
Total Recoverable Hydrocarbons	TRH
United States Environmental Protection Agency	USEPA
Underground Storage Tank	UST
Volatile Organic Compounds	VOC
Volatile Organic Chlorinated Compound	VOCC
Workplace, Health and Safety	WHS
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#### 1 INTRODUCTION

Watermark Chatswood Pty Ltd ('the client') commissioned Environmental Investigation Services (EIS)<sup>1</sup> to undertake a Preliminary Stage 1 Environmental Site Assessment (PESA) for the proposed redevelopment at Chatswood Golf Club, Beaconsfield Road, Chatswood, NSW.

The site location and the proposed development assessment area are shown on Figure 1. The proposed development area is referred to as 'the site' in this report.

This report has been prepared to support the lodgement of a Development Application (DA) for the proposed redevelopment.

#### 1.1 <u>Proposed Development Details</u>

At this preliminary stage EIS understand that the proposed redevelopment includes the demolition of the existing clubhouse building and asphaltic concrete car park. A new club house/restaurant/conference and administration building is proposed in the west section of the site. Separate residential buildings are proposed across the remainder of the site. Open space landscaped and grassed areas are proposed between the buildings. A basement car park is also proposed. The excavation depths required for construction of the basement have not been proposed at this stage.

#### 1.2 <u>Objectives</u>

The assessment objectives were to:

- Identify the areas of environmental concern (AEC);
- Prepare a conceptual site model (CSM);
- Establish whether an intrusive (Stage 2) investigation is required; and
- Comment on the suitability of the site for the proposed development.

#### 1.3 <u>Scope of Work</u>

The assessment was undertaken generally in accordance with an EIS proposal (Ref: EP43002K) of 22 July 2016 and written acceptance from the client of 31 July 2016.

The scope of work included the following:

- Review of site information including background and site history information;
- A site inspection to identify AEC;
- Preparation of a CSM; and
- Preparation of a report presenting the results of the assessment.

<sup>&</sup>lt;sup>1</sup> Environmental consulting division of Jeffery & Katauskas Pty Ltd (J&K)



The report was prepared with reference to regulations/guidelines outlined in the table below. Individual guidelines are also referenced within the text of the report.

#### Table 1-1: Guidelines

Guidelines/Regulations/Documents	
Contaminated Land Management Amendment Act (2008 <sup>2</sup> )	
State Environmental Planning Policy No.55 – Remediation of Land (1998 <sup>3</sup> )	
Guidelines for Consultants Reporting on Contaminated Sites (2011 <sup>4</sup> )	
Guidelines for the NSW Site Auditor Scheme, 2nd Edition (2006 <sup>5</sup> )	
National Environmental Protection (Assessment of Site Contamination) Amendment Measure (	2013 <sup>6</sup> )

<sup>&</sup>lt;sup>2</sup> NSW Government Legislation, (2008), *Contaminated Land Management Amendment Act*. (referred to as CLM Amendment Act 2008)

<sup>&</sup>lt;sup>3</sup> NSW Government, (1998), State Environmental Planning Policy No. 55 – Remediation of Land. (referred to as SEPP55)

<sup>&</sup>lt;sup>4</sup> NSW Office of Environment and Heritage (OEH), (2011), *Guidelines for Consultants Reporting on Contaminated Sites*. (referred to as Reporting Guidelines 2011)

<sup>&</sup>lt;sup>5</sup> NSW DEC, (2006), *Guidelines for the NSW Site Auditor Scheme*, 2<sup>nd</sup> ed. (referred to as Site Auditor Guidelines 2006)

<sup>&</sup>lt;sup>6</sup> National Environment Protection Council (NEPC), (2013), *National Environmental Protection (Assessment of Site Contamination) Amendment Measure 2013 (No.1).* (referred to as NEPM 2013)



#### 2 <u>SITE INFORMATION</u>

#### 2.1 <u>Background</u>

#### 2.1.1 Preliminary Environmental Site Assessment (EIS, 2014<sup>7</sup>)

EIS have undertaken a Preliminary Soil Screening and Waste Classification Assessment for a previous proposed subdivision in the south section of the site. The previous investigation site area is shown in Figure 2.

The site inspection was undertaken on 17 January 2014. Samples for the investigation were obtained from four (4) evenly spaced sampling points as shown on the attached Figure 2. The sample locations were drilled using hand equipment due to access restrictions.

Subsurface conditions encountered generally consisted of fill material to the termination depths of the boreholes between 0.3m and 0.8m. With the exception of BH4, all boreholes were inferred to have refused on bedrock. The fill material typically consisted of silty sand or silty clay with inclusions of sandstone, shale, ironstone and igneous gravels, root fibres, ash, slag, concrete and brick fragments.

Fragments of fibre cement sheeting (containing asbestos) were observed on the surface in one section of the site (see Figure 2). The asbestos fragments appeared to be confined to the surface of the site and could have been associated with potential illegal dumping or level filling of the site.

The fill material was classified General Solid Waste (non-putrescible) (GSW) containing asbestos in accordance with the NSW EPA Waste Classification Guidelines 2014.

EIS recommended that further investigation was required to better assess the extent of the contamination.

#### 2.2 <u>Site Identification</u>

Current Site Owner:	Chatswood Golf Club Limited	
Site Address:	Beaconsfield Road, Chatswood, NSW	
Lot & Deposited Plan:	• Part of Lot 1 DP1124646;	
	• Part of Lot 1 DP651667;	
	• Part of Lot 163 DP752067; and	
	• Part of Lot 22 DP626634.	
Current Land Use:	Commercial/Recreational	
Proposed Land Use:	Commercial/Recreational/Residential	
Local Government Authority	Willoughby Council	
(LGA):		

Table 2-1: Site Identification

<sup>&</sup>lt;sup>7</sup> EIS, (2014), Report to Chatswood on Preliminary Soil Screening & Waste Classification Assessment for Proposed Subdivision at Chatswood Golf Club, Beaconsfield Road, Chatswood, NSW. (Report Ref: E27168Klet, dated 12 February 2014) (referred to as EIS 2014 Report)



Current Zoning:	Private Recreation (RE2)
Area of Proposed Development (m <sup>2</sup> ):	15,000
RL (AHD in m) (approx.):	29-45
Geographical Location (lat/long)	S: 33°48′04.03″
(approx.):	E: 151°09'49.51"
Site Location Plan:	Figure 1

#### 2.3 <u>Site Location and Regional Setting</u>

The site is located in a predominantly residential area of Chatswood. The site is located at the west end of Beaconsfield road. The site is bounded by Chatswood Golf Course on the north, west and southern sides. Residential premises are located to the east of the site. The site is located approximately 500m to the east of Lane Cove River.

#### 2.4 <u>Topography</u>

The site is located within an undulating topographic setting. The site itself is located on the side of a west facing hillside slope which appears to fall to the west at approximately 7-10° towards the Lane Cove River. The site levels appeared to have been altered to accommodate on grade car parking levels and the existing club house building.

#### 2.5 <u>Site Inspection</u>

A walkover inspection of the site was undertaken by EIS on 15 August 2016. The inspection was limited to accessible areas of the site and immediate surrounds. An internal inspection of buildings was not undertaken. Selected site photographs obtained during the inspection are attached in the appendices.

At the time of the inspection, the site was occupied by Chatswood Golf Club. A Club house building was located in the south-west section of the site at the lower site level. Two tiered levels of on grade car parking were located in the central and east section of the site. The car park was surfaced with asphaltic concrete and appeared dilapidated in areas. Access to the site was gained via Beaconsfield Road.

The Golf Club consisted of a three level building of brick construction, with an external balcony addition on the top floor of concrete construction. The building covers approximately 920m<sup>2</sup> and appeared to face west looking over the golf course. The lower floor of the club house building consisted of a bar, pro shop and bathrooms. The middle floor consisted of club rooms and the top floor consisted of the main entrance area to the club, a café and offices.

A small fill stockpile (approximately 35m<sup>3</sup>) was observed within the south west section of the site adjacent to the main entrance. The stockpile consisted of a silty clay with inclusions of sandstone boulders, cobbles and gravel, concrete, bricks and igneous gravel.



No chemicals were seen to be stored in the site area, however chemicals associated with green keeping and garden maintenance are presumably stored in the green keepers shed located just outside the north-west section of the site.

Vegetation on the site consisted of manicured gardens with large mature trees and small shrubs around the club house and in the centre section of the site between the two parking levels. The southern and northern areas of the site contained a low dense layer of shrubs and noxious weeds with a canopy of mature Eucalypts and other native and exotic trees ranging from 10-20m in height.

Surface water drainage at the site is likely to flow towards the golf course with the natural slope of the land.

No obvious indications of Underground Storage Tanks (UST/s) were observed at the site.

#### 2.6 <u>Surrounding Land Use</u>

The immediate surrounds included the following landuses:

- North Recreational (Golf Course);
- South Recreational (Golf Course);
- East Residential; and
- West Recreational (Golf Course);

#### 2.7 Underground Services

The 'Dial Before You Dig' (DBYD) plans were reviewed for the assessment. Major services which could pose a potential migratory pathway were not identified at the site.

#### 2.8 <u>Regional Geology</u>

A review of the regional geological map of Sydney (1983<sup>8</sup>) indicates that the site is underlain by Hawkesbury Sandstone, which typically consists of medium to coarse grained quartz sandstone with minor shale and laminite lenses.

#### 2.9 Acid Sulfate Soil (ASS) Risk

The site is not located in an ASS risk area.

#### 2.10 <u>Hydrogeology</u>

A review of groundwater bore records available on the NSW Department of Primary Industries Water (DPIW) was undertaken by Lotsearch. The search was limited to registered bores located within a radius of approximately 500m of the site.

<sup>&</sup>lt;sup>8</sup> Department of Mineral Resources, (1983), 1:100,000 Geological Map of Sydney (Series 9130).



The search indicated approximately four registered bores within the search area. Copies of the records are attached in the appendices. A brief summary of relevant information is presented below:

Reference	Distance from Site (m) (approx.)	Direction & Gradient from Site	Final Depth (m)	Standing Water Level (SWL) (m)	Registered Purpose	Potential Receptor
GW102744	80	North-east & cross gradient	39	Not provided	Industrial	Unlikely
GW033631	84	West and down gradient	14	Not provided	Recreation (private)	Yes
GW103133	113	West and down gradient	46	12.5	Irrigation, recreation	Yes
GW033711	283	North-east & cross gradient	13.4	Not provided	Irrigation (private)	Unlikely

A review of the regional geology and groundwater bore information indicates that the subsurface condition at the site is expected to consist of residual soils overlying relatively shallow bedrock. The occurrence of groundwater that could be utilised as a resource for beneficial use is considered to be relatively low under such conditions. A perched aquifer in the subsurface may be present.

#### 2.11 <u>Receiving Water Bodies</u>

Surface water bodies were not identified at the site. The closest surface water body is considered to be the golf course dam located approximately 75m to the west and down gradient of the site. Lane Cover River is located approximately 500m to the west of the site. The golf course dam and Lane Cover River are considered to be potential receptors.



### 3 SITE HISTORY INFORMATION

#### 3.1 <u>Review of Historical Aerial Photographs</u>

Historical aerial photographs were reviewed for the assessment. Copies of selected photographs are Lotsearch report attached in the appendices. A summary of the relevant information is presented in the following table:

Table 3-1: Summary of Historical	Aerial Photos
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Year	Details
1943	The site appeared to have been heavily vegetated. However, the area in the south-west of the site appeared to have been cleared of larger sized tress. What appeared to be a dirt access road extended onto the site at the south-east boundary and tracked to the north of the site before turning to the west and extending off-site.
	The immediate site surrounds appeared to be vegetated. What appeared to be a golf course was under construction to the west of the site.
1956	The site generally appeared similar to the 1943 aerial photograph.
	The immediate surrounds generally appeared similar to the 1943 aerial photograph. However, the golf course to the west of the site appeared to have been extended to the south and north. What appeared to be a rectangular shaped building was located to the north west of the site. The building appeared similar to the existing green keepers shed. The area to the east of the site appeared to have been developed for residential purposes.
1961	What appeared to be recent excavation activity was evident in the west, central and east section of the site.The immediate surrounds generally appeared similar to the 1956 aerial photograph.
1965	The site generally appeared similar to the 1961 aerial photograph.
	The immediate surrounds generally appeared similar to the 1961 aerial photograph.
1970	A large square shaped building was located in the west section of the site. This building appeared to be consistent with the current golf club building. A hardstand car park area was located in the central and east sections of the site. The north-east and south sections of the site remained heavily vegetated.
	The immediate surrounds generally appeared similar to the 1965 aerial photograph.
1982	The site generally appeared similar to the 1970 aerial photograph.
	The immediate surrounds generally appeared similar to the 1970 aerial photograph.
1991	The site generally appeared similar to the 1982 aerial photograph.



Year	Details
	The immediate surrounds generally appeared similar to the 1982 aerial photograph.
2002	The site generally appeared similar to the 1991 aerial photograph.
	The immediate surrounds generally appeared similar to the 1991 aerial photograph.
2007	The site generally appeared similar to the 2002 aerial photograph.
	The immediate surrounds generally appeared similar to the 2002 aerial photograph.
2011	The site generally appeared similar to the 2007 aerial photograph.
	The immediate surrounds generally appeared similar to the 2007 aerial photograph.

#### 3.2 <u>Review of Land Title Records</u>

Land title records were reviewed for the assessment. The record search was undertaken by Advance Legal Searchers Pty Ltd. Copies of the title records are attached in the appendices.

The title records indicate the following:

- The site was owned by various individuals between 1912 and 1916;
- The site (Lot 11 DP13204) was owned by James Gregg between 1916 and 1918. The owners occupation was listed as a grazier;
- The site was owned by various individuals between 1918 and 1945; and
- The site has been primarily owned by the Chatswood Golf Club since 1945 to date.

#### 3.3 <u>Review of Willoughby City Council Information</u>

#### 3.3.1 Publically Accessible Information

Council records available under the access to public information were reviewed for the assessment. The council records refer to multiple BA and DA applications for works within the golf course itself. A summary of the relevant information for the site is provided in the following table:

Record Number	Application Details	
DA-2013/316	Development application submitted for the subdivision of part of the site for residential land use.	
BA-1995/500071	Building application for alterations and additions to the club house.	
BA-1985/1016	Building application for a flammable liquid store.	
BA-1974/779	Building application for alterations and additions to the club house building. No further details provided.	
BA-1967/268	Building application for club house. No further details provided.	

Table 3-2: Summary of Council Records

Preliminary Stage 1 Environmental Site Assessment Chatswood Golf Club, Beaconsfield Road, Chatswood, NSW EIS Ref: E27168KDrpt



#### 3.3.2 Section 149 Planning Certificate

The s149 (2 and 5) planning certificate for one representative Lot (Lot 1 DP1124646) was reviewed for the assessment. Copies of the certificates are attached in the appendices.

A summary of the relevant information is outlined below:

- a) The site is located in an area of ecological significance; and
- b) The site is not located in a heritage conservation area.

#### 3.4 WorkCover Records

WorkCover records were reviewed for the assessment. Copies of relevant documents are attached in the appendices.

A summary of the relevant information is provided in the following table:

Record Number	License Details
35/027816	Application renewal for the storage of the following hazardous chemicals:
(16-6-2005)	• 1,200L of petroleum;
	• 15L of Bipyridilium pesticide, liquid;
	• 14L Pesticide, liquid;
	24L Organophosphorus pesticide, liquid;
	Based on the diagram of the associated with the above application, the hazardous chemical's appeared to have been stored to the north-west of the site within the green keepers shed and within the primary green keepers yard located approximately 230m to the south-west of the site adjacent to Mooney Street.

#### 3.5 NSW EPA Records

The NSW EPA records available online were provided within the Lotsearch report. The Lot search report is attached in the appendices. A summary of the relevant information is provided in the following table:

Table 3-4: Summary	of NSW E	PA Online Records
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Source	Details
CLM Act 1997 <sup>9</sup>	There were no notices for the site under Section 58 of the Act.

<sup>&</sup>lt;sup>9</sup> <u>http://www.epa.nsw.gov.au/prcImapp/searchregister.aspx</u>



Source	Details
NSW EPA List of Contaminated Sites <sup>10</sup>	The site is not listed on the NSW EPA register.
POEO Register <sup>11</sup>	There were no notices for the site on the POEO register.

#### 3.6 UBD Business Directory

The 1950, 1970 and 1991 UBD records were reviewed for the assessment. There were no noteworthy business listed in the vicinity of the site. Copies of relevant documents are attached in the appendices.

#### 3.7 <u>Summary of Site History Information</u>

A review of the site history information has indicated the following:

- The land title records indicated that the site was one owned by a grazier between 1916 and 1918. The site has been owned by the Chatswood Golf Club since approximately 1945 to date;
- The aerial photographs indicated that the Chatswood Golf Club was constructed between 1965 and 1970;
- Council records indicate that:
  - > A building application for the storage of flammable liquids was submitted in 1985; and
  - Building applications for alterations and additions to the club house building were submitted to council in 1965 and 1994.
- WorkCover records indicated that a current licence is held by Chatswood Golf Club. The licence relates to the storage of petroleum and pesticide liquids. The hazardous goods storage area are located within associated green keepers sheds off-site; and
- NSW EPA records did not indicate any notices for the site.

#### 3.8 Integrity of Site History Information

The majority of the site history information has been obtained from government organisations as outlined above. The veracity of the information from these sources is considered to be relatively high.

A certain degree of information loss can be expected given the age of the development; gap between aerial photographs; and lack of detailed information prior to the 1900's.

<sup>&</sup>lt;sup>10</sup> <u>http://www.epa.nsw.gov.au/clm/publiclist.htm</u>

<sup>&</sup>lt;sup>11</sup> <u>http://www.epa.nsw.gov.au/prpoeoapp/</u>

#### 4 <u>CONCEPTUAL SITE MODEL (CSM)</u>

The AEC identified below are based on a review of the site and site history information outlined previously in this report. The AEC can either be a point source or widespread areas impacted by current or historical activities.

#### Table 4-1: CSM

AEC / Extent	CoPC	Potential Exposure Pathway and	Potential Receptors		
		Media			
<u>Fill Material</u> – Entire Site	Heavy metals, TRH, BTEXN,	Direct Contact – dermal contact;	Human Receptors – Site occupants;		
The site appears to have been historically filled to achieve existing	PAHs, OCPs, OPPs, PCB and	ingestion; and inhalation of dust,	visitors; development and maintenance		
levels. The fill may have been imported from various sources and	asbestos	vapours and fibres.	workers; and off-site occupants.		
can contain elevated concentrations of contaminants.					
		Media - soil, groundwater and	Environmental Receptors – Flora and		
Asbestos containing materials (ACM) were identified on the		vapour.	fauna at the site and immediate		
surface in the south-east section of the site as part of the EIS			surrounds; receiving water bodies;		
Preliminary Environmental Site Assessment undertaken in 2014			others identified in the above sections.		
(see Section 2.1).					
Use of Pesticides – The site has been for agricultural purposes	Heavy metals, OCPs, and	Direct Contact – dermal contact;	Human Receptors – As Above		
between 1916 and 1918.	OPPs	ingestion; and inhalation of dust.			
			Environmental Receptors – As Above		
The site has been occupied by the Chatswood Golf Course since		Media – soil and groundwater.			
approximately 1945. Pesticides have been stored at the green					
keepers located off site. There is a potential that pesticides have					
been sprayed within the proposed development area. The use of					
pesticides during this period could have resulted in potential					
contamination.					



#### 5 <u>CONCLUSION</u>

EIS consider that the assessment objectives outlined in **Section 1.2** have been addressed.

#### 5.1 Potential for Site Contamination

Based on the scope of work undertaken, EIS provide the following conclusions:

- EIS consider that the AEC identified at the site (see **Section 4**) pose a potential contamination risk. Based on the limited information, EIS assess the risk to be moderate; and
- The potential risk to the site receptors cannot be ruled out without undertaking an intrusive (preliminary Stage 2) investigation.

#### 5.2 <u>Recommendations</u>

EIS consider the site can be made suitable for the Chatswood Golf Club redevelopment provided the following additional work is undertaken to better assess the risks:

- Undertake a Stage 2 ESA to meet the sampling density outlined in the NSW EPA Contaminated Sites Sampling Design Guidelines (1995<sup>12</sup>);
- 2. Undertake a waste classification assessment for the off-site disposal of material excavated for the proposed development; and
- 3. If any contamination is encountered prepare and implement a Remediation Action Plan (RAP).

<sup>&</sup>lt;sup>12</sup> NSW EPA, (1995), Contaminated Sites Sampling Design Guidelines. (Referred to as EPA Sampling Design Guidelines 1995)



#### 6 <u>LIMITATIONS</u>

#### Table 6-1: Report Limitations

- EIS accepts no responsibility for any unidentified contamination issues at the site. Any unexpected problems/subsurface features that may be encountered during development works should be inspected by an environmental consultant as soon as possible;
- Previous use of this site may have involved excavation for the foundations of buildings, services, and similar facilities. In addition, unrecorded excavation and burial of material may have occurred on the site. Backfilling of excavations could have been undertaken with potentially contaminated material that may be discovered in discrete, isolated locations across the site during construction work;
- This report has been prepared based on site conditions which existed at the time of the investigation; scope of work and limitation outlined in the EIS proposal; and terms of contract between EIS and the client (as applicable);
- The conclusions presented in this report are based on investigation of conditions at specific locations, chosen to be as representative as possible under the given circumstances, visual observations of the site and immediate surrounds and documents reviewed as described in the report;
- The preparation of this report have been undertaken in accordance with accepted practice for environmental consultants, with reference to applicable environmental regulatory authority and industry standards, guidelines and the assessment criteria outlined in the report;
- Where information has been provided by third parties, EIS has not undertaken any verification process, except where specifically stated in the report;
- EIS has not undertaken any assessment of off-site areas that may be potential contamination sources or may have been impacted by site contamination, except where specifically stated in the report;
- EIS accept no responsibility for potentially asbestos containing materials that may exist at the site. These materials may be associated with demolition of pre-1990 constructed buildings or fill material at the site;
- EIS have not and will not make any determination regarding finances associated with the site;
- Additional investigation work may be required in the event of changes to the proposed development or landuse. EIS should be contacted immediately in such circumstances;
- Material considered to be suitable from a geotechnical point of view may be unsatisfactory from a soil contamination viewpoint, and vice versa; and
- This report has been prepared for the particular project described and no responsibility is accepted for the use of any part of this report in any other context or for any other purpose.



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# **IMPORTANT INFORMATION ABOUT THIS REPORT**

These notes have been prepared by EIS to assist with the assessment and interpretation of this report.

#### The Report is based on a Unique Set of Project Specific Factors:

This report has been prepared in response to specific project requirements as stated in the EIS proposal document which may have been limited by instructions from the client. This report should be reviewed, and if necessary, revised if any of the following occur:

- The proposed land use is altered;
- The defined subject site is increased or sub-divided;
- The proposed development details including size, configuration, location, orientation of the structures or landscaped areas are modified;
- The proposed development levels are altered, eg addition of basement levels; or
- Ownership of the site changes.

EIS/J&K will not accept any responsibility whatsoever for situations where one or more of the above factors have changed since completion of the assessment. If the subject site is sold, ownership of the assessment report should be transferred by EIS to the new site owners who will be informed of the conditions and limitations under which the assessment was undertaken. No person should apply an assessment for any purpose other than that originally intended without first conferring with the consultant.

#### **Changes in Subsurface Conditions:**

Subsurface conditions are influenced by natural geological and hydrogeological process and human activities. Groundwater conditions are likely to vary over time with changes in climatic conditions and human activities within the catchment (e.g. water extraction for irrigation or industrial uses, subsurface waste water disposal, construction related dewatering). Soil and groundwater contaminant concentrations may also vary over time through contaminant migration, natural attenuation of organic contaminants, ongoing contaminating activities and placement or removal of fill material. The conclusions of an assessment report may have been affected by the above factors if a significant period of time has elapsed prior to commencement of the proposed development.

#### This Report is based on Professional Interpretations of Factual Data:

Site assessments identify actual subsurface conditions at the actual sampling locations at the time of the investigation. Data obtained from the sampling and subsequent laboratory analyses, available site history information and published regional information is interpreted by geologists, engineers or environmental scientists and opinions are drawn about the overall subsurface conditions, the nature and extent of contamination, the likely impact on the proposed development and appropriate remediation measures.

Actual conditions may differ from those inferred, because no professional, no matter how qualified, and no subsurface exploration program, no matter how comprehensive, can reveal what is hidden by earth, rock and time. The actual interface between materials may be far more gradual or abrupt than an assessment indicates. Actual conditions in areas not sampled may differ from predictions. Nothing can be done to prevent the unanticipated, but steps can be taken to help minimise the impact. For this reason, site owners should retain the services of their consultants throughout the development stage of the project, to identify variances, conduct additional tests which may be needed, and to recommend solutions to problems encountered on site.

#### Assessment Limitations:

Although information provided by a site assessment can reduce exposure to the risk of the presence of contamination, no environmental site assessment can eliminate the risk. Even a rigorous professional assessment may not detect all contamination on a site. Contaminants may be present in areas that were not surveyed or sampled, or may migrate to areas which showed no signs of contamination when sampled. Contaminant analysis cannot possibly cover every type of contaminant which may occur; only the most likely contaminants are screened.

Misinterpretation of Site Assessments by Design Professionals:

Preliminary Stage 1 Environmental Site Assessment Chatswood Golf Club, Beaconsfield Road, Chatswood, NSW EIS Ref: E27168KDrpt



Costly problems can occur when other design professionals develop plans based on misinterpretation of an assessment report. To minimise problems associated with misinterpretations, the environmental consultant should be retained to work with appropriate professionals to explain relevant findings and to review the adequacy of plans and specifications relevant to contamination issues.

#### Logs Should not be Separated from the Assessment Report:

Borehole and test pit logs are prepared by environmental scientists, engineers or geologists based upon interpretation of field conditions and laboratory evaluation of field samples. Logs are normally provided in our reports and these should not be re-drawn for inclusion in site remediation or other design drawings, as subtle but significant drafting errors or omissions may occur in the transfer process. Photographic reproduction can eliminate this problem, however contractors can still misinterpret the logs during bid preparation if separated from the text of the assessment. If this occurs, delays, disputes and unanticipated costs may result. In all cases it is necessary to refer to the rest of the report to obtain a proper understanding of the assessment. Please note that logs with the 'Environmental Log' header are not suitable for geotechnical purposes as they have not been peer reviewed by a Senior Geotechnical Engineer.

To reduce the likelihood of borehole and test pit log misinterpretation, the complete assessment should be available to persons or organisations involved in the project, such as contractors, for their use. Denial of such access and disclaiming responsibility for the accuracy of subsurface information does not insulate an owner from the attendant liability. It is critical that the site owner provides all available site information to persons and organisations such as contractors.

#### Read Responsibility Clauses Closely:

Because an environmental site assessment is based extensively on judgement and opinion, it is necessarily less exact than other disciplines. This situation has resulted in wholly unwarranted claims being lodged against consultants. To help prevent this problem, model clauses have been developed for use in written transmittals. These are definitive clauses designed to indicate consultant responsibility. Their use helps all parties involved recognise individual responsibilities and formulate appropriate action. Some of these definitive clauses are likely to appear in the environmental site assessment, and you are encouraged to read them closely. Your consultant will be pleased to give full and frank answers to any questions.



# **REPORT FIGURES**



NOTES: Figure 1 has been recreated from UBD on disc (version 5.0) and Sixmaps Figure 1 is not to scale.

UBD Map ref: 195 B12

Reference should be made to the report text for a full understanding of this plan.

EIS	Project Number: E27168K	Title: SITE LOCATION PLAN
ENVIRONMENTAL INVESTIGATION SERVICES	Figure: 1	Address: CHATSWOOD GOLF CLUB, OFF BEACONSFIELD ROAD, CHATSWOOD, NSW



NOTES: Figure 2 has been recreated from the supplied drawing prepared by Smec Urban (05/02/13) Drawing No. 77799.01.P01

The borehole locations presented on this plan have been established from site measurements only and should not be construed as survey points.

Reference should be made to the report text for a full understanding of this plan.

Approximate Scale (m): 20 10 15 25 0 5





# **REPORT APPENDICES**



**Appendix A: Site Information** 



# Selected Site Photos of 15 August 2016





**Photograph 1:** Showing the asphaltic concrete car park lower level. Photograph taken facing south-west.

**Photograph 2:** Showing the asphaltic concrete car park upper level. Photograph taken facing south.

**Photograph 3:** Showing the lower level of the club house building. Photograph taken facing south-west.





**Photograph 4:** Showing the fill material beneath the club house.

**Photograph 5:** Showing the site sloping to the west. Photograph taken facing east.



Photograph6:Showingsandstone outcropping and thesiteslopingtothewest.Photograph taken facing north.



# **Appendix B: Site History Information**



Lotsearch Report



# **Environmental Risk and Planning Report**

Beaconsfield Road, Chatswood, NSW 2067

Report Buffer: 1000m

Report Date: 02 Aug 2016 16:56:53

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	No. Features Onsite	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	Land and Property Information	02/08/2016	02/08/2016	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	04/07/2016	21/06/2016	Monthly	0	0	2
Contaminated Land: Records of Notice	Environment Protection Authority	04/07/2016	04/07/2016	Monthly	0	0	1
Former Gasworks	Environment Protection Authority	04/07/2016	10/05/2013	Monthly	0	0	0
National Waste Management Site Database	Geoscience Australia	06/07/2016	15/11/2012	Quarterly	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority	21/07/2016	21/07/2016	Monthly	0	0	0
Delicensed POEO Activities still Regulated by the EPA	Environment Protection Authority	21/07/2016	21/07/2016	Monthly	0	0	0
Former POEO Licenced Activities now revoked or surrendered	Environment Protection Authority	21/07/2016	21/07/2016	Monthly	0	3	5
UPSS Environmentally Sensitive Zones	Department of Environment, Climate Change and Water (NSW)	14/04/2015	12/01/2010	As required	1	1	1
UBD Business to Business Directory 1991	Hardie Grant			Not required	0	0	0
UBD Business Directory 1991 Motor Garages/Service Stations	Hardie Grant			Not required	0	0	1
UBD Business Directory 1970	Hardie Grant			Not required	1	1	1
UBD Business Directory 1970 Drycleaners & Motor Garages/Service Stations	Hardie Grant			Not required	0	0	5
UBD Business Directory 1950	Hardie Grant			Not required	0	1	1
UBD Business Directory 1950 Drycleaners & Motor Garages/Service Stations	Hardie Grant			Not required	0	0	3
Points of Interest	Land and Property Information	10/04/2015	01/04/2015	Annually	1	1	46
Tanks (Areas)	Land and Property Information	10/04/2015	01/04/2015	Annually	0	0	0
Tanks (Points)	Land and Property Information	10/04/2015	01/04/2015	Annually	0	0	0
Easements	Land and Property Information	11/06/2014	11/06/2014	As required	0	0	24
State Forest	Land and Property Information	11/04/2016	23/01/2015	As required	0	0	0
NSW National Parks and Wildlife Service Reserves	NSW Office of Environment and Heritage	11/04/2016	31/12/2015	Annually	0	0	1
Hydrogeology Map of Australia	Commonwealth of Australia (Geoscience Australia)	08/10/2014	17/03/2000	As required	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	0	2	60
Geological Units 1:100,000	NSW Department of Industry, Resources & Energy	20/08/2014		None planned	1	-	4
Geological Structures 1:100,000	NSW Department of Industry, Resources & Energy	20/08/2014		None planned	0	-	0
Naturally Occurring Asbestos Potential	NSW Department of Industry, Resources & Energy	04/12/2015	24/09/2015	Unknown	0	0	0
Soil Landscapes	NSW Office of Environment and Heritage	12/08/2014		None planned	2	-	6
Acid Sulfate Soils	NSW Planning and Environment	06/07/2016	19/09/2008	As required	1	-	-
Dryland Salinity Assessment	National Land and Water Resources Audit	18/07/2014	12/05/2013	None planned	0	0	0
Mining Subsidence Districts	Land and Property Information	02/08/2016	02/08/2016	As required	0	0	0
SEPP 14 - Coastal Wetlands	NSW Planning and Environment	17/12/2015	24/10/2008	Annually	0	0	0

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	No. Features Onsite	No. Features within 100m	No. Features within Buffer
SEPP 26 - Littoral Rainforest	NSW Planning and Environment	17/12/2015	05/02/1988	Annually	0	0	0
SEPP 71 - Coastal Protection	NSW Planning and Environment	17/12/2015	01/08/2003	Annually	0	0	0
SEPP Major Developments 2005	NSW Planning and Environment	09/03/2013	25/05/2005	Under Review	0	0	0
SEPP Strategic Land Use Areas	NSW Planning and Environment	06/07/2016	28/01/2014	Annually	0	0	0
Local Environmental Plan - Land Zoning	NSW Planning and Environment	20/06/2016	18/05/2016	Quarterly	2	3	105
Local Environmental Plan - Minimum Subdivision Lot Size	NSW Planning and Environment	20/06/2016	18/05/2016	Quarterly	1	-	-
Local Environmental Plan - Height of Building	NSW Planning and Environment	20/06/2016	18/05/2016	Quarterly	1	-	-
Local Environmental Plan - Floor Space Ratio	NSW Planning and Environment	20/06/2016	18/05/2016	Quarterly	1	-	-
Local Environmental Plan - Land Application	NSW Planning and Environment	20/06/2016	18/05/2016	Quarterly	1	-	-
Local Environmental Plan - Land Reservation Acquisition	NSW Planning and Environment	20/06/2016	18/05/2016	Quarterly	0	-	-
State Heritage Items	NSW Planning and Environment	20/06/2016	12/03/2015	Quarterly	0	0	0
Local Heritage Items	NSW Planning and Environment	20/06/2016	18/05/2016	Quarterly	0	0	20
Bushfire Prone Land	NSW Rural Fire Service	04/07/2016	08/06/2016	Quarterly	2	2	3
Native Vegetation of the Sydney Metropolitan Area	NSW Office of Environment and Heritage	08/10/2014	11/10/2013	As required	2	2	16
RAMSAR Wetlands	Commonwealth of Australia Department of the Environment	08/10/2014	24/06/2011	As required	0	0	0
ATLAS of NSW Wildlife	NSW Office of Environment and Heritage	02/08/2016	02/08/2016	Daily	-	-	-

### Aerial Imagery 2015

Beaconsfield Rd, Chatswood, NSW 2067




### **Contaminated Land & Waste Management Facilities**





### **Contaminated Land & Waste Management Facilities**

Beaconsfield Road, Chatswood, NSW 2067

#### List of NSW contaminated sites notified to EPA

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

Map Id	Site	Address	Suburb	Activity	EPA site management class	Status	Dist	Direction	LC
708	BP Service Station	62 Epping Road	Lane Cove	Service Station	Under assessment	Current EPA List	943m	South	1
712	Former Caltex Service Station	428-432 Mowbray Road	Lane Cove North	Service Station	Contamination currently regulated under CLM Act	Current EPA List	962m	South East	1

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**

Beaconsfield Road, Chatswood, NSW 2067

#### **Contaminated Land: Records of Notice**

#### Record of Notices within the report buffer:

Map Id	Area No	Name	Address	Suburb	Notices	Distance	Direction	LC
169	3277	Former Caltex Service Station	428-432 Mowbray Road	Lane Cove North	3 former	962m	South East	1

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 report buffer:

Map Id	Location	Council	Further Info	Distance	Direction	LC
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 report buffer:

Site Id	Owner	Name	Address	Suburb	Postcode	Landfill	Reprocess	Transfer	Distance	Direction	LC
N/A	No records in buffer										

Wate Management Facilities Data Source: Australian Governement Geoscience Australia Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

### **EPA Activities**

#### Beaconsfield Road, Chatswood, NSW 2067

#### Licensed Activities under the POEO Act 1997

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

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

POEO Licence Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

### **Delicensed & Former Licensed EPA Activities**





### **EPA Activities**

#### Beaconsfield Road, Chatswood, NSW 2067

#### **Delicensed Activities still regulated by the EPA**

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

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

Delicensed Activities Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

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

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

Licence No	Organisation	Location	Status	Issued Date	Activity	Loc Conf	Distance	Direction
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	7	22m	-
4838	Robert Orchard	Various Waterways throughout New South Wales - SYDNEY NSW 2000	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	7	22m	-
6630	SYDNEY WEED & PEST MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW - PROSPECT, NSW, 2148	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	7	22m	-
12234	AMBRI OPERATIONS PTY. LIMITED	126 Greville Street, CHATSWOOD, NSW 2067	Surrendered	03/12/2004	Hazardous, Industrial or Group A Waste Generation or Storage	1	636m	North
12076	JOHN HOLLAND PTY LTD	Epping Road, LANE COVE, NSW 2066	Surrendered	19/04/2004	Road Construction	3	880m	South

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





### **Historical Business Directories**

#### Beaconsfield Road, Chatswood, NSW 2067

#### **1991 Business to Business Directory Records**

Records from the 1991 UBD Business to Business Directory within 150m of the site:

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

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

#### **1991 Business Directory Motor Garages & Service Stations**

#### Motor Garages & Service Stations from the 1991 UBD Business Directory within 1km of the site:

Business Activity	Organisation	Address	Ref No.	Location Confidence	Distance	Direction
Motor Garages & Service Stations	Golden Fleece Lane Cove Service Station	533 Mowbray Rd., Lane Cove 2066	53740	Building Match	456m	South East

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

### **1970 Historical Business Directory Records**





### **Historical Business Directories**

#### Beaconsfield Road, Chatswood, NSW 2067

#### **1970 Business Directory Records**

#### Records from the 1970 UBD Business Directory within 150m of the site:

Business Activity	Organisation & Premise	Ref No.	Location Confidence	Distance	Direction
CLUBS & SPORTING BODIES (C487)	Chatswood Golf Club, Beaconsfield Rd., Chatswood	284111	Building Match	0m	Onsite

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

#### **1970 Business Directory Drycleaners & Service Stations**

Drycleaners, Motor Garages & Service Stations from the 1970 UBD Business Directory within 1km of the site:

Business Activity	Organisation & Premise	Ref No.	Location Confidence	Distance	Direction
MOTOR GARAGES & ENGINEERS (M6S6)	Golden Fleece Service Station,533 Mowbray Rd.LANE COVE	337896	Building Match	456m	South East
MOTOR GARAGES & ENGINEERS (M6S6)	Millwood Service Station, 113 Fuller's Rd.CHATSWOOD	338260	Building Match	482m	North East
MOTOR GARAGES & ENGINEERS (M6S6)	B.P. Lane Cove,64 Epping Highway.,Lane Cove	337243	Building Match	918m	South
MOTOR GARAGES & ENGINEERS (M6S6)	Caltex Oil Service Station,428 Mowbray Rd.LANE COVE	337497	Building Match	986m	South East
MOTOR GARAGES & ENGINEERS (M6S6)	Johnson, D. Service Station, 428 Mowbray Rd.LANE COVE	338070	Building Match	986m	South East

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

### **1950 Historical Business Directory Records**





## **Historical Business Directories**

#### Beaconsfield Road, Chatswood, NSW 2067

#### **1950 Business Directory Records**

#### Records from the 1950 UBD Business Directory within 150m of the site:

Business Activity	Organisation & Premise	Ref No.	Location Confidence	Distance	Direction
CARRIERS & CARTAGE CONTRACTORS	Chandler, Robert Pty. Ltd,, Beaconsfield Rd., Chatswood	18572	Road Match	4m	South East

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

#### **1950 Business Directory Drycleaners & Service Stations**

Drycleaners, Motor Garages & Service Stations from the 1950 UBD Business Directory within 1km of the site:

Activity	Organisation & Premise	Ref No.	Location Confidence	Distance	Direction
MOTOR GARAGES &/OR ENGINEERS	Golden Star Garage (N. E. Reilly), 115 Fullers Rd., Chatswood	83811	Building Match	491m	North East
MOTOR SERVICE STATIONS-PETROL, Etc.	Golden Star Garage (N. E. Reilly), 115 Fullers Rd., Chatswood	86000	Building Match	491m	North East
MOTOR GARAGES &/OR ENGINEERS	Golden Star Garage, 115 Fullers Rd., Chatswood	83812	Building Match	491m	North East

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









































### **Topographic Features**

#### Beaconsfield Road, Chatswood, NSW 2067



C



## **Topographic Features**

#### Beaconsfield Road, Chatswood, NSW 2067

#### **Points of Interest**

#### What Points of Interest exist within the report buffer?

Map Id	Feature Type	Label	Distance	Direction
4092	Club	CHATSWOOD GOLF CLUB	Om	Onsite
82432	Golf Course	CHATSWOOD GOLF COURSE	152m	West
162323	Retirement Village	LANE COVE GARDENS	174m	South
164378	Retirement Village	ST PETER'S GREEN	293m	South
163582	Community Home	ST PETERS LANE COVE NORTH	320m	South
161923	Community Facility	CHATSWOOD TENNIS CLUB	332m	North
98975	Sports Court	TENNIS COURTS	348m	North
143060	Library	WEST CHATSWOOD LIBRARY	353m	South
98979	Sports Court	TENNIS COURTS	355m	North East
97665	Sports Court	TENNIS COURTS	361m	North East
170185	Picnic Area	LOWANNA PARK	427m	North East
170156	Sports Field	OH REID OVAL	447m	North West
84822	Park	FERNDALE PARK	447m	North East
90709	Park	COOLAROO PARK	476m	South East
170424	Park	GIRRAWEEN AVE	481m	South West
170102	Picnic Area	O H REID MEMORIAL PARK	483m	North West
115818	Suburb	LANE COVE NORTH	498m	South East
59218	Place Of Worship	PRESBYTERIAN CHURCH	524m	South West
85967	Park	BATTEN RESERVE	561m	South
95545	Park	MULHALL PARK	604m	North West
170103	Golf Course	CHATSWOOD GOLF COURSE	649m	North West
170105	Park	KINGSFORD-SMITH PARK	683m	West
59219	Place Of Worship	ANGLICAN CHURCH	697m	South East
170049	Research Station	NATIONAL ACOUSTIC LABORATORIES	704m	North
115819	Suburb	CHATSWOOD WEST	757m	North West
170420	Park	KULLAH PDE PLAYGROUND	758m	South West
170421	Sports Court	PRACTICE COURT	762m	South West
127752	Primary School	MOWBRAY PUBLIC SCHOOL	775m	West
170093	Sports Court	BASKETBALL HALF COURT	798m	North East
90924	Park	MOWBRAY PARK	799m	West
161983	Community Facility	CHATSWOOD TENNIS CLUB	810m	North East
97334	Sports Court	TENNIS COURTS	811m	North East
170186	Sports Field	GREVILLE STREET RESERVE	814m	North East

Map Id	Feature Type	Label	Distance	Direction
170094	Park	BLUEGUM RESERVE	841m	North
170439	Sports Field	TANTALLON PARK	861m	South West
93975	Park	FULLERS PARK	884m	North
89795	Park	QUEBEC RESERVE	895m	West
89796	Park	ULMARRA PARK	896m	West
170417	Park	BASKETBALL	913m	South West
170416	Park	PLAYGROUND	937m	South West
91520	Park	KOBADA PARK	941m	North West
170457	Park	TURRUMBURRA PARK	945m	South
170068	Park	FERNDALE PARK	954m	East
127814	High School	CHATSWOOD HIGH SCHOOL	967m	East
170092	Park	EDGAR STREET RESERVE	976m	North East
170157	Park	CAMPBELL PARK	990m	South East

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

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## **Topographic Features**

#### Beaconsfield Road, Chatswood, NSW 2067

#### **Tanks (Areas)**

What are the Tank Areas located within the report buffer?

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

#### **Tanks (Points)**

What are the Tank Points located within the report buffer?

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

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#### **Easements**

#### What Easements exist within the report buffer?

Map Id	Easement Class	Easement Type	Easement Width	Distance	Direction	
163383068	Primary	Right of way	4.265m & var	280m	East	
120113949	Primary	Undefined		325m	South East	
120112009	Primary	Undefined		329m	South	
120121818	Primary	Undefined		337m	South East	
120110250	Primary	Undefined		499m	North East	
120120053	Primary	Undefined		547m	North West	
163069297	Primary	Right of way	2.95	564m	South West	
120118214	Primary	Undefined		589m	South East	
120109986	Primary	Undefined		599m	North East	
120117916	Primary	Undefined		603m	North East	
120116618	Primary	Undefined	604m		North East	
120114043	Primary	Undefined		607m	North East	
120110067	Primary	Undefined		617m	North East	
120112318	Primary	Undefined		651m	South	
120110019	Primary	Undefined		704m	North	
120122088	Primary	Undefined		720m	North	
120110623	Primary	Undefined		732m	South East	
120121983	Primary	Undefined		734m	North	
120115546	Primary	Undefined		771m	South East	

Map Id	Easement Class	Easement Type	Easement Width	Distance	Direction
120110322	Primary	Undefined		790m	West
159346369	Primary	Right of way	3.14	826m	East
120117729	Primary	Undefined		837m	South East
165019780	Primary	Right of way	Variable	852m	East
159760068	Primary	Electricity	9m and Var.	878m	North

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

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#### **State Forest**

#### What State Forest exist within the report buffer?

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

State Forest Data Source: © Land and Property Information (2015) Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

#### **National Parks and Wildlife Service Reserves**

#### What NPWS Reserves exist within the report buffer?

Reserve Number	Reserve Type	Reserve Name	Gazetted Date	Distance	Direction
N0083	NATIONAL PARK	Lane Cove National Park	24/04/1992	464m	North West

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

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#### **Elevation Contours (m AHD)**





#### **Groundwater Boreholes**





### Hydrogeology & Groundwater

#### Beaconsfield Road, Chatswood, NSW 2067

#### **Hydrogeology**

Description of aquifers on-site:

#### Description

Porous, extensive aquifers of low to moderate productivity

#### Description of aquifers within the report buffer:

#### Description

Porous, extensive aquifers of low to moderate productivity

Hydrogeology Map of Australia : Commonwealth of Australia (Geoscience Australia) Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

#### **Groundwater Boreholes**

#### Boreholes within the report buffer:

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW102744	10BL156110, 10CA109327	Bore		Industrial	B & B Drilling Inc	03/11/1994	39.00	39.00			1.900		80m	North East
GW033631	10BL026839, 10BL137058, 10CA109327	Bore open thru rock	Private	Recreation		01/12/1966	14.00	14.00	Fresh				84m	West
GW103133	10BL141318, 10CA109327	Bore		Irrigation, Recreation	JH Iselt Pty Ltd	25/09/1990	46.00	46.00	Fresh	12.5 0	4.500		113m	West
GW033711	10BL026840	Bore open thru rock	Private	Irrigation		01/11/1966	13.40	13.40	Fresh				283m	North
GW114205	10BL604061	Bore	Private	Monitoring	Coffey Environments	16/08/2010	10.00	10.00					982m	South East
GW114206	10BL604061	Bore	Private	Monitoring	Coffey Environments	16/08/2010	8.00	8.00					987m	South East
GW114204	10BL604061	Bore	Private	Monitoring	Coffey Environments	02/06/2010	13.80	13.80					990m	South East
GW114203	10BL604061	Bore	Private	Monitoring	Coffey Environments	02/06/2010	13.85	13.85					998m	South East
GW114207	10BL604061	Bore	Private	Monitoring	Coffey Environments	16/08/2010	2.00	2.00					1000m	South East
GW110125	10BL161368	Bore	Private	Monitoring	Coffee Partners (International ) Pty Ltd	31/03/2000	29.65	29.65					1112m	North West
GW110124	10BL161368	Bore	Private	Monitoring	Coffee Partners (International ) Pty Ltd	08/02/2000	47.48	47.48					1159m	North West
GW110126	10BL161368	Bore	Private	Monitoring	Coffee Partners (International ) Pty Ltd	10/03/2000	53.39	53.39					1214m	North West
GW109364	10BL161369	Bore	Private	Monitoring		24/09/2008	44.78	44.78					1276m	North West
GW112755	10BL603114	Bore	Private	Monitoring	TERRATEST	23/03/2009	11.00	11.00					1440m	East
GW112742	10BL603114	Bore	Private	Monitoring	TERRATEST	24/03/2009	11.00	11.00					1444m	East
GW112756	10BL603114	Bore	Private	Monitoring	TERRATEST	23/03/2013	11.00	11.00					1445m	East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW112744	10BL603114	Bore	Private	Monitoring	TERRATEST	24/03/2013	11.00	11.00					1452m	East
GW112753	10BL603114	Bore	Private	Monitoring	TERRATEST	27/08/2013	10.50	10.50					1452m	East
GW112746	10BL603114	Bore	Private	Monitoring	TERRATEST	23/03/2013	12.00	12.00					1453m	East
GW112754	10BL603114	Bore	Private	Monitoring	TERRATEST	18/03/2009	11.00	11.00					1458m	East
GW112743	10BL603114	Bore	Private	Monitoring	TERRATEST	23/03/2009	11.00	11.00					1459m	East
GW112748	10BL603114	Bore	Private	Monitoring	TERRATEST	25/03/2009	12.00	12.00					1465m	East
GW112745	10BL603114	Bore	Private	Monitoring	TERRATEST	23/03/2009	12.00	12.00					1466m	East
GW111773	10BL603110	Bore	Private	Monitoring	Terratest Pty Ltd	16/03/2012	5.50	6.00					1467m	East
GW112747	10BL603114	Bore	Private	Monitoring	TERRATEST	25/03/2009	12.00	12.00					1475m	East
GW112752	10BL603114	Bore	Private	Monitoring	TERRATEST	16/03/2009	6.00	6.00					1491m	East
GW112750	10BL603114	Bore	Private	Monitoring	TERRATEST	09/04/2009	6.00	6.00					1491m	East
GW112749	10BL603114	Bore	Private	Monitoring	TERRATEST	08/04/2009	6.50	6.50					1496m	East
GW112751	10BL603114	Bore	Private	Monitoring	TERRATEST	16/03/2009	6.00	6.00					1508m	East
GW113323	10BL602699	Bore	Private	Monitoring	TERRATEST	14/01/2009	6.00	6.00					1594m	South West
GW113324	10BL602699	Bore	Private	Monitoring	TERRATEST	14/01/2009	6.00	6.00					1595m	South West
GW029731	10BL019677	Bore	Local	Recreation		01/04/1967	21.60	21.60					1605m	East
		open thru rock	Govt											
GW113325	10BL602699	Bore	Private	Monitoring	TERRATEST	04/12/2013	1.50	1.50					1609m	South West
GW113326	10BL602699	Bore	Private	Monitoring	TERRATEST	14/01/2009	6.00	6.00					1611m	South West
GW107757	10BL165399, 10BL602036, 10WA109507	Bore		Recreation	Intertec Drilling Services	29/07/2005	162.60	162.60	1360	25.6 0	0.300		1611m	East
GW113331	10BL602699	Bore	Private	Monitoring	TERRATEST	15/01/2009	0.80	0.80					1614m	South West
GW113327	10BL602699	Bore	Private	Monitoring	TERRATEST	15/01/2009	5.60	5.60					1617m	South West
GW113328	10BL602699	Bore	Private	Monitoring	TERRATEST	15/01/2009	0.80	0.80					1622m	South West
GW113330	10BL602699	Bore	Private	Monitoring	TERRATEST	15/01/2009	6.00	6.00					1629m	South
GW113329	10BL602699	Bore	Private	Monitoring	TERRATEST	15/01/2009	6.00	6.00					1629m	West South
GW113514	10BL164807	Bore	Private	Monitoring		06/09/2004	8.60	8.60					1901m	West North
GW114837	10BL604596	Bore	Private	Monitoring		30/07/2011	5.00	5.00		2.60			1906m	East North
GW114838	10BL604596	Bore	Private	bore Monitoring		30/07/2011	9.70	9.70		3.90			1907m	East North
	10BL164807	Bore	Private	bore	Drilltest Pty	01/09/2004	8.00	8.00		0.00			1909m	East
				, , , , , , , , , , , , , , , , , , ,	Ltd									East
GW113505	10BL164807	Bore	Private	Monitoring	Drilltest Pty Ltd	31/08/2004	8.00	8.00					1912m	North East
GW113506	10BL164807	Bore	Private	Monitoring	Drilltest Pty Ltd	31/08/2004	3.10	3.10					1913m	North East
GW113507	10BL164807	Bore	Private	Monitoring	Drilltest Pty Ltd	31/08/2004	7.60	7.60					1915m	North East
GW113509	10BL164807	Bore	Private	Monitoring	Drilltest Pty Ltd	01/09/2004	3.00	3.00					1921m	North East
GW113508	10BL164807	Bore	Private	Monitoring		01/09/2004	7.50	7.50					1921m	North East
GW113513	10BL164807	Bore	Private	Monitoring	Drilltest Pty Ltd	01/09/2004	2.80	2.80					1925m	North East
GW111804	10BL603135	Bore	Other Govt	Monitoring	Numac Drilling Services	01/06/2009	7.00	7.00		5.50			1927m	North West
GW114836	10BL604596	Bore	Private	Monitoring bore		30/07/2011	15.00	15.00		8.80			1928m	North East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth	Drilled Depth	Salinity	SWL	Yield	Elev	Dist	Dir
GW113512	10BL164807	Bore	Private	Monitoring	Drilltest Pty Ltd	31/08/2004	8.00	8.00					1928m	North East
GW113510	10BL164807	Bore	Private	Monitoring	Drilltest Pty Ltd	31/08/2004	7.80	7.80					1933m	North East
GW112964	10BL605047	Bore	Local Govt	Monitoring		15/03/2012	2.00	2.00					1942m	East
GW112963	10BL605047	Bore	Local Govt	Monitoring		15/03/2012	9.00	9.00					1945m	East
GW111805	10BL603135	Bore	Other Govt	Monitoring	Numac Drilling Services	01/06/2009	12.00	12.00		9.50			1953m	North West
GW112965	10BL605047	Bore	Local Govt	Monitoring		15/03/2012	9.00	9.00					1958m	East
GW111332	10BL604464	Bore	Other Govt	Monitoring	SOILCHECK	24/01/2011	3.20	3.20					1967m	East
GW111333	10BL604464	Bore	Private	Monitoring	SOILCHECK	24/01/2011	9.00	9.00					1968m	East

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

#### Beaconsfield Road, Chatswood, NSW 2067

### **Driller's Logs**

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

Groundwater No	Drillers Log	Distance	Direction
GW102744	0.00m-1.00m CLAY FILL 1.00m-11.00m SANDSTONE BROWN 11.00m-18.00m SANDSTONE WHITE 18.00m-21.00m SANDSTONE WHITE WITH SHALE 21.00m-29.00m SANDSTONE WHITE WITH SHALE 29.00m-31.00m CLAY STIFF GREY SANDY 31.00m-39.00m SANDSTONE GREY WITH CLAY	80m	North East
GW033631	0.00m-1.21m Topsoil 1.21m-2.68m Sandstone Red Soft 2.68m-2.74m Sand Water Supply 2.74m-4.87m Sandstone Red 4.87m-6.70m Sandstone Vellow 6.70m-8.83m Sandstone White 8.83m-11.27m Sandstone Water Supply 11.27m-14.02m Sandstone White Water Supply	84m	West
GW103133	0.00m-1.20m SANDY SOIL 1.20m-5.40m IRONSTONE WITH BANDS OF CLAY 5.40m-8.90m YELLOW SANDSTONE 8.90m-20.10m GREY SANDSTONE 20.10m-20.30m GREY SANDSTONE W.B. 20.30m-41.90m SANDSTONE GREY 41.90m-43.00m SANDSTONE GREY 43.00m-46.00m SANDSTONE GREY	113m	West
GW033711	0.00m-0.60m Sandstone Red 0.60m-0.91m Clay Yellow 0.91m-5.48m Sandstone Red 5.48m-6.09m Sandstone Yellow 6.09m-8.22m Sandstone White 8.22m-8.53m Sand White Water Supply 8.53m-10.97m Sandstone White 10.97m-11.27m Sand Grey Water Supply 11.27m-13.41m Sandstone White Hard	283m	North
GW110125	0.00m-0.10m SILTY SAND 0.10m-1.30m SILTY SAND FINE TO MEDIIUM GRAINED 1.30m-4.50m SILTY SAND, FINE TO COARSE GRAINED, DARK GREY 8.80m-10.50m SYLTY SAND, FINE TO COARSE, WITH SOME CHARCOAL FRAGMENTS 10.50m-15.50m SAND, FINE TO MEDIUM GRAINED, TRACE OF SOME SILT 15.50m-17.20m SAND FINE TO COARSE GRAINED, BANDS OF SILTY SAND 17.20m-17.60m SANDSTONE MEDIUM GRAINED, MOTTLED LIGHT GREY 17.60m-19.20m SANDSTONE MEDIUM GRAINED 19.20m-19.50m SANDSTONE FINE TO MEDIUM GRAINED 21.70m-22.00m NO CORE:0.28m 22.00m-25.10m SANDSTONE MEDIUM GRAINED AND SOME COARSE GRAINED 25.10m-27.10m SANDSTONE MEDIUM GRAINED, FINE PEBBLES 29.00m-29.65m SANDSTONE FINE TO MEDIUM GRAINED	1112m	North West
GW110124	0.00m-0.70m CONTINUED FROM NON-CORED BOREHOLE 0.70m-3.00m SANDSTONE, MEDIUM GRAINED, PALE BROWN GREY 3.00m-6.00m SANDSTONE, RED BROWN 6.00m-6.30m NO CORE: 0.30m 6.30m-7.00m SILTSTONE, DARK GREY TO GREY, SANDSTONE 7.00m-8.60m SANDSTONE FINE GRAINED 8.60m-18.70m SANDSTONE FINE GRAINED 8.60m-18.70m SANDSTONE MEDIUM GRAINED, PALE GREY 18.70m-25.10m SANDSTONE MEDIUM GRAINED, RED BROWN MOTTLED 25.10m-26.70m SANDSTONE SOME COARSE GRAIN, PALE GREY 26.70m-27.30m SANDSTONE FINE GRAINED, SOME SILTSTONE 27.30m-30.60m SANDSTONE MEDIUM GRAINED, PALE GREY 30.60m-31.00m SANDSTONE MEDIUM GRAINED, PALE GREY 31.00m-32.30m SANDSTONE MEDIUM GRAINED 32.30m-32.70m SILTSTONE MEDIUM GRAINED 32.30m-33.90m SANDSTONE MEDIUM GRAINED 33.90m-35.30m SANDSTONE MEDIUM GREY 33.90m-35.30m SANDSTONE MEDIUM GRAINED 95.30m-46.10m SANDSTONE MEDIUM GRAINED, PALE GREY 46.10m-47.48m SANDSTONE FINE GRAINED, PALE GREY	1159m	North West

Groundwater No	Drillers Log	Distance	Direction
GW110126	0.00m-0.10m FILL 0.10m-0.50m FILL,SILTY SAND 0.50m-2.50m SILTY SAND MEDIUM GRAINED,DARK BROWN 2.50m-7.00m SAND, TRACE OF SHELL FRAGMENTS 7.00m-13.00m PEATY SAND,MEDIUM TO COARSE GRAINED 13.00m-17.00m SILTY SAND/PEATY SAND 17.00m-18.00m SANDY CLAY/CLAYEY SAND,PALE GREY 18.00m-18.30m BOREHOLE CONTINUED AS CORED HOLE. 18.30m-19.50m SANDSTONE,FINE TO MEDIUM GRAINED 19.50m-23.50m SANDSTONE, TRACE CARBONACEOUS FLECKS 23.50m-25.90m SANDSTONE, MEDIUM GRAINED,PALE GREY 25.90m-26.00m NO CORE:160 mm 26.00m-27.50m SANDSTONE, MEDIUM TO COARSE GRAINED 27.50m-31.50m SANDSTONE, FINE TO MEDIUM GRAINED, 31.50m-34.60m SANDSTONE, MEDIUM GRAIN,GREY 34.60m-36.30m SANDSTONE,MEDIUM GRAIN,GREY 34.60m-36.30m SANDSTONE,MEDIUM GRAINED,PALE GREY 36.30m-41.20m SANDSTONE,MEDIUM GRAINED,PALE GREY 41.20m-46.70m SANDSTONE,MEDIUM GRAINED,PALE GREY 46.70m-53.39m SANDSTONE, MEDIUM GRAINED,PALE GREY 46.70m-53.39m SANDSTONE, MEDIUM GRAINED,PALE GREY 46.70m-53.39m SANDSTONE, MEDIUM GRAINED,PALE GREY,MASSIVE,TRACE CARBONACEOUS LAMINATIONS 46.70m-53.39m SANDSTONE, MEDIUM GRAINED,PALE GREY,MASSIVE,TRACE CARBONACEOUS FLECKS.	1214m	North West
GW109364	0.00m-2.00m SANDSTONE M/GRAINED 2.00m-3.90m SANDSTONE M/GRAINED 3.90m-6.80m SANDSTONE MED.GRAIN,PALE,GREY 6.80m-7.50m SANDSTONE,CROSS BEDDED. 7.50m-9.20m SANDSTONE,MED TO COARSE GRAINED 9.20m-11.20m SANDSTONE,MG. PALE GREY,ORANGE/BROWN IRONSTANNING 11.20m-13.40m SANDSTONE,MG,TRACE OF SHALE LAMINATIONS 13.40m-14.60m SANDSTONE MG PALE GREY 4.60m-18.60m SANDSTONE MG PALE GREY CROSS BEDDED 18.60m-20.10m SANDSTONE FG,PALE GREY,CARBONACEOUS LAMINATIONS 20.10m-21.30m SANDSTONE MG,TRACE SILSTONE LAMINATIONS 21.30m-22.50m SANDSTONE MG DALE GREY,MASSIVE,SHALE INCLUSIONS 26.30m-44.78m SANDSTONE MG PALE GREY,SILTSTONE AND CARB. INCLUSIONS	1276m	North West
GW111773	0.00m-0.20m CONCRETE 0.20m-0.80m FILL,CLAY YELLOW/ BROWN,SOME BRICK 0.80m-2.40m CLAY YELLOW BROWN,DRY,LOOSE,L/PLAS. 2.40m-4.30m CLAY BROWN/GREY/RED,STIFF,L/PLAST.IRONSTONE 4.30m-6.00m CLAY GREY/RED,DRY,HARD,L/PLASTICITY	1467m	East
GW029731	0.00m-3.45m Clay Red Sandy 0.00m-3.45m Gravel 0.00m-3.45m Boulders Large 3.45m-6.70m Ironstone Gravel 3.45m-6.70m Clay Red Yellow Puggy Sandy 6.70m-17.98m Shale Grey Black Hard 17.98m-21.64m Sandstone Grey Very Fractured Medium-coarse 17.98m-21.64m Clay Bands	1605m	East
GW107757	0.00m-1.40m FILL 1.40m-4.30m CLAY:BROWN,RED, WHITE 4.30m-5.10m SHALE; BROWN,WEATHERED 5.10m-5.50m CLAY BROWN 5.50m-16.80m SHALE GREY 18.50m-88.70m SANDSTONE GREY,SHALE GREY 18.50m-28.70m SANDSTONE GREY,FRACTURED 29.00m-42.40m SANDSTONE L/GREY 42.40m-42.80m SILTSTONE D/GREY 42.40m-42.80m SILTSTONE L/GREY 51.10m -65.70m SANDSTONE L/GREY 51.10m -65.70m SANDSTONE L/GREY 66.70m-74.60m SANDSTONE L/GREY 74.60m-76.10m SANDSTONE L/GREY 76.10m-76.30m SHALE L/GREY,SOFT 76.30m -88.00m SANDSTONE L/GREY 88.00m-88.60m SHALE,SILTY,D/GREY 88.60m-162.60m SANDSTONE L/GREY,GREY	1611m	East
GW114837	0.00m-0.20m GRAVEL COMPACTED 0.20m-1.40m NON DESTRUCTIVE EXCAVATIONS,GRAVEL 1.40m-2.50m CLAY YELLOW 2.50m-3.80m CLAY RED GREY 3.80m-5.00m CLAY RED, WEATHERED ROCK	1906m	North East
GW114838	0.00m-0.20m SAND GRAVEL 0.20m-1.60m COMPACTED BALLAST,SAND GRAVEL 1.60m-2.80m CLAY RED YELLOW 2.80m-3.90m CLAY RED GREY 3.90m-6.00m CLAY RED/WHITE,SOME WET ROCKS 6.00m-7.00m ROCK AND CLAY RED WEATHERED 7.00m-7.50m ROCK WHITE WEATHERED 7.50m-8.00m SHALE ORANGE WHEATHERED 8.00m-9.70m SHALE MUDDY WEATHERED	1907m	North East

Groundwater No	Drillers Log	Distance	Direction
GW111804	0.00m-0.20m SILT / GRAVEL 0.20m-1.00m CLAY,MINOR SILT 1.00m-2.00m SANDSTONE MINOR SAND 2.00m-4.00m SANDSTONE,MINOR SAND,DARK BROWN 4.00m-5.00m SANDSTONE,MINOR SAND,MOIST L/BROWN 5.00m-6.00m SANDSTONE,MINOR SAND MOIST TO WET 6.00m-7.00m SANDSTONE,MINOR SAND,WET L/BROWN	1927m	North West
GW114836	0.00m-0.60m COMPACTED GRAVEL / BALLAST 0.60m-2.00m COMPACTED GRAVEL / BALLAST 2.00m-2.20m CLAY LIGHT RED BROWN 2.20m-3.00m CLAY WHITE RED 3.00m-4.50m CLAY GREY VERY HARD 4.50m-6.00m CLAY GREY 6.00m-9.00m SHALE GREY VERY HARD CLAY 9.00m-15.00m SHALE VERY WEATHERED GREY SHALE	1928m	North East
GW111805	0.00m-1.00m NATURAL SILT L/PLASTICITY,D/BROWN 1.00m-3.00m SANDSTONE,FINE,DRY,L/BROWN 3.00m-7.00m SANDSTONE FINE,MOIST,L/BROWN 7.00m-12.00m SANDSTONE,FINE,MOIST,L/BROWN	1953m	North West
GW111332	0.00m-0.18m CONCRETE 0.18m-2.80m FILL,SILTY SANDY CLAY,ORANGE BROWN 2.80m-3.00m SILTY CLAY,LIGHT GREY MOTTLED RED/BROWN 3.00m-3.20m SHALE GREY WEATHERED	1967m	East
GW111333	0.00m-0.17m CONCRETE 0.17m-2.80m FILL,SILTY SANDY CLAY,ORANGE BROWN 2.80m-3.00m SILTY CLAY,LIGHT GREY MOTT.RED.BROWN 3.00m-9.00m SHALE,GREY WEATHERED	1968m	East

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# Geology 1:100,000 Beaconsfield Road, Chatswood, NSW 2067




# Geology

#### Beaconsfield Road, Chatswood, NSW 2067

## **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 report buffer?

Symbol	Description	Unit Name	Group	Sub Group	Age	Dom Lith	Map Sheet	Dataset
Qht	Sandy mud and muddy sand				Quaternary		Sydney	1:100,000
Rh	Medium to coarse grained quartz sandstone, very minor shale and laminate lenses				Triassic		Sydney	1:100,000
Rwa	Black to dark grey shale and laminate	Ashfield Shale	Wianamatta Group		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 report buffer?

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

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

 $\ensuremath{\mathbb{C}}$  State of New South Wales through the NSW Department of Industry, Resources & Energy

# **Naturally Occurring Asbestos Potential**

#### Beaconsfield Road, Chatswood, NSW 2067

## **Naturally Occurring Asbestos Potential**

#### Naturally Occurring Asbestos Potential within the report 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

#### Beaconsfield Road, Chatswood, NSW 2067





# Soils

#### Beaconsfield Road, Chatswood, NSW 2067

## **Soil Landscapes**

#### What are the onsite Soil Landscapes?

Soil Code	Name	Group	Process	Map Sheet	Scale
ERgn	GLENORIE		EROSIONAL	Sydney	1:100,000
ERgy	GYMEA		EROSIONAL	Sydney	1:100,000

#### What are the Soil Landscapes within the report buffer?

Soil Code	Name	Group	Process	Map Sheet	Scale
ALIc	LANE COVE		ALLUVIAL	Sydney	1:100,000
COha	HAWKESBURY		COLLUVIAL	Sydney	1:100,000
ERgn	GLENORIE		EROSIONAL	Sydney	1:100,000
ERgy	GYMEA		EROSIONAL	Sydney	1:100,000
REIh	LUCAS HEIGHTS		RESIDUAL	Sydney	1:100,000
WATER	WATER		WATER	Sydney	1:100,000

Soils Landscapes Data Source : NSW Office of Environment and Heritage

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### **Acid Sulfate Soils**

#### Beaconsfield Road, Chatswood, NSW 2067





# **Acid Sulfate Soils**

Beaconsfield Road, Chatswood, NSW 2067

## Acid Sulfate Soils

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

Soil Class	Description
5	Works within 500 metres of adjacent Class 1, 2, 3, or 4 land which are likely to lower the watertable below 1 metre AHD on adjacent Class 1, 2, 3 or 4 land, present an environmental risk

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

Soil Class	Description	Distance	Direction
3	Works beyond 1 metre below natural ground surface present an environmental risk; Works by which the watertable is likely to be lowered beyond 1 metre below natural ground surface, present an environmental risk	167m	North West

Acid Sulfate Data Source Accessed 15/07/2016: NSW Crown Copyright - Planning and Environment Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

# **Dryland Salinity**

#### Beaconsfield Road, Chatswood, NSW 2067

## **Dryland Salinity**

Is there Dryland Salinity data onsite?

No

Is there Dryland Salinity data within the report 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.

# **Mining Subsidence Districts**

Beaconsfield Road, Chatswood, NSW 2067

# **Mining Subsidence Districts**

#### Mining Subsidence Districts within the report buffer?

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

Mining Subsidence District Data Source: © Land and Property Information (2016) Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

# **Environmental Zoning**

#### Beaconsfield Road, Chatswood, NSW 2067

### **State Environmental Planning Policy Protected Areas**

#### Are there any State Environmental Planning Policy Protected Areas onsite or within the report 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 Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

# State Environmental Planning Policy Major Developments (2005)

#### State Environmental Planning Policy Major Developments within the report buffer?

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

SEPP Major Development Data Source: NSW Department of Planning & Environment Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

## State Environmental Planning Policy Strategic Land Use Areas

#### State Environmental Planning Policy Strategic Land Use Areas onsite or within the report 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** 

Beaconsfield Road, Chatswood, NSW 2067





# **Local Environmental Plan**

### Beaconsfield Road, Chatswood, NSW 2067

# Land Zoning

### What Local Environmental Plan Land Zones exist within the report buffer?

Zone	Description	Purpose	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
RE2	Private Recreation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		0m	Onsite
E4	Environmental Living		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		0m	Onsite
R2	Low Density Residential		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		32m	East
E2	Environmental Conservation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		106m	South East
E2	Environmental Conservation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		121m	North West
E4	Environmental Living		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		128m	North
RE1	Public Recreation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		165m	North West
E2	Environmental Conservation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		179m	East
R2	Low Density Residential		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		237m	North
E4	Environmental Living		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		259m	East
R2	Low Density Residential		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		270m	North East
R3	Medium Density Residential		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		278m	South
RE1	Public Recreation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		327m	North
RE1	Public Recreation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		365m	North East
SP2	Infrastructure	Classified Road	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		370m	South East
E2	Environmental Conservation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		379m	West
SP2	Infrastructure	Road	Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		379m	South
R4	High Density Residential		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		389m	South West
RE1	Public Recreation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		390m	South East
SP2	Infrastructure	Classified Road	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		445m	North
E4	Environmental Living		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		453m	East
RE1	Public Recreation		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		463m	South West
R2	Low Density Residential		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		464m	North East
E1	National Parks and Nature Reserves		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		465m	West
E4	Environmental Living		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		469m	North East
E2	Environmental Conservation		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		481m	South West
E4	Environmental Living		Lane Cove Local Environmental Plan 2009	18/01/2013	18/01/2013	31/07/2015	Amendment No 7	483m	South West
B1	Neighbourhood Centre		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		498m	North East
RE1	Public Recreation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		500m	North East
R4	High Density Residential		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		512m	South East

Zone	Description	Purpose	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
R2	Low Density Residential		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		513m	North West
RE1	Public Recreation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		538m	North West
R2	Low Density Residential		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		541m	South
R2	Low Density Residential		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		543m	South East
RE1	Public Recreation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		570m	North West
E2	Environmental Conservation		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		582m	South
R2	Low Density Residential		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		582m	South West
R2	Low Density Residential		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		590m	South East
R3	Medium Density Residential		Willoughby Local Environmental Plan 2012	13/06/2014	13/06/2014	15/08/2014	Amendment No 1	636m	North
E2	Environmental Conservation		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		661m	South East
E2	Environmental Conservation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		665m	North
RE1	Public Recreation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		670m	North East
RE1	Public Recreation		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		684m	South
RE1	Public Recreation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		709m	North West
E1	National Parks and Nature Reserves		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		717m	North
E2	Environmental Conservation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		717m	West
E1	National Parks and Nature Reserves		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		719m	North West
E2	Environmental Conservation		Willoughby Local Environmental Plan 2012	13/06/2014	13/06/2014	15/08/2014	Amendment No 1	726m	North East
E1	National Parks and Nature Reserves		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		727m	West
E4	Environmental Living		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		736m	North East
RE1	Public Recreation		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		736m	South West
RE1	Public Recreation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		740m	North West
RE1	Public Recreation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		762m	North West
RE1	Public Recreation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		765m	North East
RE1	Public Recreation		Lane Cove Local Environmental Plan 2009	18/01/2013	18/01/2013	31/07/2015	Amendment No 7	774m	South West
RE1	Public Recreation		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		777m	South West
E1	National Parks and Nature Reserves		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		780m	North West
E4	Environmental Living		Lane Cove Local Environmental Plan 2009	18/01/2013	18/01/2013	31/07/2015	Amendment No 7	791m	South West
E2	Environmental Conservation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		806m	North West
RE1	Public Recreation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		808m	North West
E4	Environmental Living		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		809m	West
E2	Environmental Conservation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		816m	North West
E1	National Parks and Nature Reserves		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		817m	North West
SP1	Special Activities	Crematorium	Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		838m	North West
SP2	Infrastructure	Educational Establishment	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		840m	East
RE1	Public Recreation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		851m	North West

Zone	Description	Purpose	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
R2	Low Density Residential		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		855m	West
E2	Environmental Conservation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		856m	East
E1	National Parks and Nature Reserves		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		860m	North West
E2	Environmental Conservation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		860m	North West
E2	Environmental Conservation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		862m	North West
RE1	Public Recreation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		862m	West
E2	Environmental Conservation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		863m	West
RE1	Public Recreation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		864m	West
RE1	Public Recreation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		869m	North West
B1	Neighbourhood Centre		Lane Cove Local Environmental Plan 2009	18/01/2013	18/01/2013	31/07/2015	Amendment No 7	872m	South West
RE1	Public Recreation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		875m	North East
R4	High Density Residential		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		881m	South East
W1	Natural Waterways		Ku-ring-gai Local Environmental Plan 2015	05/03/2015	02/04/2015	06/11/2015		883m	North
E1	National Parks and Nature Reserves		Ku-ring-gai Local Environmental Plan 2015	05/03/2015	02/04/2015	06/11/2015		886m	North
R4	High Density Residential		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		893m	South
R3	Medium Density Residential		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		896m	West
B2	Local Centre		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		899m	South
E2	Environmental Conservation		Ku-ring-gai Local Environmental Plan 2015	05/03/2015	02/04/2015	06/11/2015		899m	North
R2	Low Density Residential		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		919m	South West
RE1	Public Recreation		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		919m	South
E2	Environmental Conservation		Ku-ring-gai Local Environmental Plan 2015	05/03/2015	02/04/2015	06/11/2015		920m	North
E1	National Parks and Nature Reserves		Ku-ring-gai Local Environmental Plan 2015	05/03/2015	02/04/2015	06/11/2015		921m	North
RE1	Public Recreation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		939m	South East
R4	High Density Residential		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		941m	South
RE1	Public Recreation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		945m	West
RE1	Public Recreation		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		949m	South East
E1	National Parks and Nature Reserves		Ku-ring-gai Local Environmental Plan 2015	05/03/2015	02/04/2015	06/11/2015		964m	North
E2	Environmental Conservation		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		967m	South West
RE1	Public Recreation		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		970m	South
E2	Environmental Conservation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		973m	North West
RE1	Public Recreation		Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	15/08/2014		975m	East
E4	Environmental Living		Ku-ring-gai Local Environmental Plan 2015	05/03/2015	02/04/2015	06/11/2015		978m	North
R3	Medium Density Residential		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		979m	South West
E2	Environmental Conservation		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		981m	South
R2	Low Density Residential		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		983m	South
RE1	Public Recreation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		989m	North West

Zone	Description	Purpose	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
RE1	Public Recreation		Lane Cove Local Environmental Plan 2009	19/02/2010	19/02/2010	31/07/2015		995m	South West
E1	National Parks and Nature Reserves		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		997m	North West
RE1	Public Recreation		Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	11/09/2015		997m	North West

Local Environment Plan Data Source: NSW Crown Copyright - Planning & Environment

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# **Local Environmental Plan**

Beaconsfield Road, Chatswood, NSW 2067

### **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
0	650 m2	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	13/06/2014		6.17

### 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
1	8.50 m	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	13/06/2014		6.2

### 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
A	0.25	LEP	21/12/2012	31/01/2013	01/08/2014		6.6

## 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	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	31/01/2013		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							

Local Environment Plan Data Source: NSW Crown Copyright - Planning & Environment

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### **Heritage Items**

#### Beaconsfield Road, Chatswood, NSW 2067





# Heritage

Beaconsfield Road, Chatswood, NSW 2067

## **State Heritage Items**

#### What are the State Heritage Items located within the report buffer?

Map Id	Name	Address	LGA	Listing Date	Listing No	Plan No	Distance	Direction
N/A	No records in buffer							

Heritage Data Source: NSW Crown Copyright - Planning & Environment

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## Local Heritage Items

#### What are the Local Heritage Items located within the report buffer?

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
175	House (including original interiors)	Item - General	Local	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	31/01/2013	283m	East
1141	House (including original interiors)	Item - General	Local	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	31/01/2013	401m	North East
1142	House (including original interiors)	Item - General	Local	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	31/01/2013	440m	North
1143	House (including original interiors)	Item - General	Local	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	31/01/2013	455m	North
59		Item - General	State	Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	10/04/2015	465m	West
1144	House (including original interiors)	Item - General	Local	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	31/01/2013	479m	North
163	Holy Trinity Anglican Church (including original interiors)	Item - General	Local	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	31/01/2013	681m	South East
59		Item - General	State	Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	10/04/2015	719m	North West
59		Item - General	State	Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	10/04/2015	727m	West
59		Item - General	State	Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	10/04/2015	780m	North West
59		Item - General	State	Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	10/04/2015	817m	North West
167	House (including original interiors)	Item - General	Local	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	31/01/2013	820m	East
C2	Blue Gum	Conservation Area - General	Local	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	31/01/2013	845m	North East
59		Item - General	State	Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	10/04/2015	860m	North West
59		Item - General	State	Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	10/04/2015	882m	West

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
1146	House (including original interiors, Bunya Pine and Moreton Bay Fig)	Item - General	Local	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	31/01/2013	893m	North East
162	House (including original interiors)	Item - General	Local	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	31/01/2013	910m	South East
46	Northern Suburbs Crematorium	Item - General	Local	Ryde Local Environmental Plan 2014	12/09/2014	12/09/2014	10/04/2015	920m	North West
166	House (including original interiors)	Item - General	Local	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	31/01/2013	955m	East
1135	House (including original interiors)	Item - General	Local	Willoughby Local Environmental Plan 2012	21/12/2012	31/01/2013	31/01/2013	968m	North East

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### **Natural Hazards - Bushfire Prone Land**

Beaconsfield Road, Chatswood, NSW 2067





# **Natural Hazards**

Beaconsfield Road, Chatswood, NSW 2067

## **Bushfire Prone Land**

What are the nearest Bushfire Prone Land Categories that exist within the report buffer?

Bushfire Prone Land Category	Distance	Direction
Vegetation Buffer	Om	Onsite
Vegetation Category 2	Om	Onsite
Vegetation Category 1	107m	East

Bushfire Prone Land Data Reference - NSW RFS GIS Data Set

### Ecological Constraints - Native Vegetation & RAMSAR Wetlands Beaconsfield Road, Chatswood, NSW 2067





# **Ecological Constraints**

#### Beaconsfield Road, Chatswood, NSW 2067

### **Native Vegetation**

#### What native vegetation exists within the report buffer?

Map ID	Map Unit Name	Threatened Ecological Community NSW	Threatened Ecological Community EPBC Act	Understorey	Disturbance	Disturbance Index	Dominant Species	Dist	Direction
S_DSF06	S_DSF06: Coastal Sandstone Foreshores Forest			17: Pittosporum dominant	13: Weeds	2: Moderate	E.piperita/ A.costata+/ - E.pilularis	0m	Onsite
Urban_E/N	Urban_E/N: Urban Exotic/Native			00: Not assessed	00: Not assessed	0: Not assessed	Urban Exotic/ Native	0m	Onsite
S_WSF02	S_WSF02: Coastal Enriched Sandstone Moist Forest			10: Mesic/rainfore st	13: Weeds	2: Moderate	E.pilularis/ S.glomulifera+/ - A.costata/ E.resinifera	106m	North East
S_WSF09	S_WSF09: Sydney Turpentine-Ironbark Forest		Turpentine Ironbark Forest (possible)	20: Weeds and exotics	20: Previously cleared 1943	3: High	E.pilularis/ S.glomulifera+/ - A.costata/ E.resinifera	146m	South East
S_RF02	S_RF02: Coastal Sandstone Gallery Rainforest			10: Mesic/rainfore st	13: Weeds	2: Moderate	C.apetalum/ T.laurina/ C.serratifolia	148m	East
S_DSF04	S_DSF04: Coastal Enriched Sandstone Dry Forest			24: Urban and hard surface	24: Urban mixed use	4: Very high	E.piperita/ A.costata+/ - E.pilularis	325m	West
S_WSF01	S_WSF01: Blue Gum High Forest	Blue Gum High Forest		15: Grassy natives and exotics	24: Urban mixed use	4: Very high	E.saligna+/ - E.pilularis/ S.glomullifera/ E.paniculata/ A.costata	356m	North East
S_FoW08	S_FoW08: Estuarine Swamp Oak Forest	Swamp Oak Floodplain Forest		00: Not assessed	00: Not assessed	0: Not assessed	C.glauca	408m	North West
S_SW01	S_SW01: Estuarine Mangrove Forest			00: Not assessed	00: Not assessed	0: Not assessed	Mangroves	411m	North West
Weed_Ex	Weed_Ex: Weeds and Exotics			00: Not assessed	00: Not assessed	0: Not assessed	Exotic Species >90%cover	483m	South
S_FrW06	S_FrW06: Estuarine Reedland	Swamp Oak Floodplain Forest		00: Not assessed	00: Not assessed	0: Not assessed	P.australis/ B.juncea	694m	West
S_DSF11	S_DSF11: Sydney North Exposed Sandstone Woodland			12: Dry xeric shrubs	20: Previously cleared 1943	3: High	E.haemastoma/ C.gummifera/ A.littoralis+/ - E.piperita/ E.sieberi/ A.hsipida	722m	North
S_FoW05	S_FoW05: Riverflat Paperbark Swamp Forest	Swamp Sclerophyll Forest on Coastal Floodplains		18: Swampy sedges, shrubs, ferns and herbs	13: Weeds	2: Moderate	M.stypheliodes/ M.linariifolia	734m	West
S_SW02	S_SW02: Estuarine Saltmarsh	Coastal Saltmarsh	Subtropical and Temperate Coastal Saltmarsh (possible)	13: Dry shrubs and grasses	13: Weeds	3: High	S.repens/ S.quinqueflora/ S.virginicus+/ - J.krausii	752m	West
S_DSF10	S_DSF10: Hornsby Enriched Sandstone Exposed Woodland			12: Dry xeric shrubs	19: Clearing/Part clearing	3: High	E.haemastoma/ C.gummifera/ A.littoralis+/ - E.piperita/ E.sieberi/ A.hsipida	757m	West
S_DSF09	S_DSF09: Coastal Sandstone Gully Forest			17: Pittosporum dominant	11: Roads/trails	1: Low	A.costata/ E.piperita/ +/ - C.gummifera/ S.glomulifera/ E.resinifera	845m	North West

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# **Ecological Constraints**

Beaconsfield Road, Chatswood, NSW 2067

### **RAMSAR Wetlands**

#### What RAMSAR Wetland areas exist within the report 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**

Beaconsfield Road, Chatswood, NSW 2067

### **ATLAS of NSW Wildlife**

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

Ampinia         Mychatrachidae         Pseudophyne australis         Red-crowned Toadlet         No         Vulnerable, Protected         Accent           Avesa         Accipitridae         Circus assimilis         Spotted Harrier         No         Vulnerable, Protected         Interable, Pr	Class	Family	Scientific	Common	Exotic	NSW Status	Commonwealth Status
Amphilia         Myobatrachidae         Pesudophryme australis         Red-crowned Toadlet         No         Vulnerable, Protected           Arcejitridae         Circus assimilis         Spotted Harrier         No         Vulnerable, Protected         Interable, Protected	Amphibia	Hylidae	Litoria aurea	Green and Golden Bell Frog	No	Endangered, Protected	Vulnerable
Aves         Acceptridae         Circus assimilis         Spotted Harrier         No         Vulnerable, Protected           Aves         Acciptridae         Heraaetus morphnoides         Litte Eagle         No         Vulnerable, Protected         .           Aves         Acciptridae         Lophoictinia isura         Square-tailed Kite         No         Vulnerable, Protected, Species         .           Aves         Acciptridae         Pandion cristatus         Eastern Osprey         No         Vulnerable, Protected, Species         .           Aves         Anatidae         Nettapus coromandelianus         Cotton Pygmy-Goose         No         Vulnerable, Protected         .           Aves         Anatidae         Stictonetta naevosa         Freckled Duck         No         Vulnerable, Protected         .           Aves         Ardeidae         Botarus poiciloptilus         Australasian Bittern         No         Vulnerable, Protected         .           Aves         Ardeidae         Burbinus grallarius         Bush Stone-curlew         No         Endangered, Protected         .           Aves         Gacatuidae         Calocephalon fimbriatum         Gang-gang Cockatoo population in Murable, Protected         .           Aves         Cacatuidae         Calocephalon fimbriatum	Amphibia	Myobatrachidae	Heleioporus australiacus	Giant Burrowing Frog	No	Vulnerable, Protected	Vulnerable
AreasAccipitridaeHieraaetus morphnoidesLittle EagleNoVulnerable, ProtectedAreasAccipitridaeLophoictinia isuraSquare-tailed KiteNoVulnerable, ProtectedAresAccipitridaePandion cristatusEastern OspreyNoVulnerable, ProtectedAresAnatidaeNettapus coromandellanusCotton Pygmy-GooseNoEndangered, ProtectedAresAnatidaeNettapus coromandellanusCotton Pygmy-GooseNoVulnerable, ProtectedAresAnatidaeStictonetta naevosaFreckled DuckNoVulnerable, ProtectedEndangered, ProtectedAresAnatidaeAnseranas semipalmataMagpie GooseNoVulnerable, ProtectedEndangered, ProtectedAresArdeidaeBotarus poiciloptilusAustralasian BitternNoVulnerable, ProtectedEndangeredAresBurhinidaeEsacus magnirostrisBeach Stone-curlewNoCritically EndangeredAresGacatuidaeCallocephalon fimbriatumGang-gang CockatooNoSpecies, ProtectedAresCacatuidaeCallocephalon fimbriatumGang-gang CockatooNoVulnerable, ProtectedAresCacatuidaeCallocephalon fimbriatumGang-gang CockatooNoVulnerable, ProtectedAresCacatuidaeCallocephalon fimbriatumGang-gang CockatooNoVulnerable, ProtectedAresCacatuidaeCallocephalon fimbriatumGang-gang CockatooNoVulnerable, ProtectedAresCacat	Amphibia	Myobatrachidae	Pseudophryne australis	Red-crowned Toadlet	No	Vulnerable, Protected	
AreasAccipitridaeLophoicitinia isuraSquare-tailed KiteNoVulnerable, Protected, Category 3 SensitiveAvesAccipitridaePandion cristatusEastern OspreyNoVulnerable, Protected, Category 3 SensitiveAvesAnatidaeNettapus coromandelianusCotton Pygmy-GooseNoEndangered, ProtectedAvesAnatidaeNettapus coromandelianusCotton Pygmy-GooseNoEndangered, ProtectedAvesAnatidaeSictonetta naevosaFreckled DuckNoVulnerable, ProtectedAvesAndeiaeBataurus polciloptilusAustralasian BitternNoEndangered, ProtectedAvesArdeidaeBotaurus polciloptilusBlack BitternNoVulnerable, ProtectedAvesBurhinidaeBurhinsi grallariusBush Stone-curlewNoEndangered, ProtectedAvesCacatuidaeCallocephalon fimbriatumGang-gang CockatooNoVulnerable, ProtectedAvesCacatuidaeCallocephalon fimbriatumGang-gang Cockatoo population in ter Homsby and Ku-ingrgai Local 	Aves	Accipitridae	Circus assimilis	Spotted Harrier	No	Vulnerable, Protected	
AvesAnalidaePandion cristatusEastern OspreyNoVulnerable, Protected, Category 3 SensitiveAvesAnatidaeNettapus coromandelianusCotton Pygmy-GooseNoEndangered, ProtectedAvesAnatidaeNettapus coromandelianusCotton Pygmy-GooseNoEndangered, ProtectedAvesAnatidaeStictonetta naevosaFreckled DuckNoVulnerable, ProtectedImage: Comparison of the compariso	Aves	Accipitridae	Hieraaetus morphnoides	Little Eagle	No	Vulnerable, Protected	
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AvesCacatuidaeCalyptorhynchus lathamiGlossy Black-CockatooNoVulnerable, Protected, Category 3 Sensitive SpeciesAvesCacatuidaeCalyptorhynchus lathamiGlossy Black-CockatooNoVulnerable, Protected, Category 2 Sensitive SpeciesAvesCharadriidaeCharadrius leschenaultiiGreater Sand-ploverNoVulnerable, ProtectedAvesCiconiidaeEphippiorhynchus asiaticusBlack-necked StorkNoEndangered, ProtectedAvesColumbidaePtilinopus superbusSuperb Fruit-DoveNoVulnerable, ProtectedAvesDiomedeidaeDiomedea exulansWandering AlbatrossNoEndangered, ProtectedAvesFalconidaeHaematopus longirostrisPied OystercatcherNoVulnerable, ProtectedAvesLaridaeOnychoprion fuscataSooty TernNoEndangered, ProtectedCAMBA, J/AvesLaridaeSternula albifronsLittle TernNoEndangered, ProtectedCAMBA, J/	Aves	Cacatuidae	Callocephalon fimbriatum	Gang-gang Cockatoo	No	Vulnerable, Protected, Category 3 Sensitive	
AvesCharadriidaeCharadrius leschenaultiiGreater Sand-ploverNoVulnerable, ProtectedV,C,J,KAvesCiconiidaeEphippiorhynchus asiaticusBlack-necked StorkNoEndangered, ProtectedVAvesColumbidaePtilinopus superbusSuperb Fruit-DoveNoVulnerable, ProtectedE,JAvesDiomedeidaeDiomedea exulansWandering AlbatrossNoEndangered, ProtectedE,JAvesFalconidaeFalco subnigerBlack FalconNoVulnerable, ProtectedE,JAvesHaematopodidaeHaematopus longirostrisPied OystercatcherNoEndangered, ProtectedCAvesLaridaeSternula albifronsLittle TernNoEndangered, ProtectedCAMBA, J/	Aves	Cacatuidae	Callocephalon fimbriatum	the Hornsby and Ku-ring-gai Local	No	Population, Vulnerable, Protected, Category 3	
AvesCiconiidaeEphippiorhynchus asiaticusBlack-necked StorkNoEndangered, ProtectedAvesColumbidaePtilinopus superbusSuperb Fruit-DoveNoVulnerable, ProtectedAvesDiomedeidaeDiomedea exulansWandering AlbatrossNoEndangered, ProtectedE,JAvesFalconidaeFalco subnigerBlack FalconNoVulnerable, ProtectedE,JAvesHaematopodidaeHaematopus longirostrisPied OystercatcherNoEndangered, ProtectedCAvesLaridaeOnychoprion fuscataSooty TernNoEndangered, ProtectedCAMBA, J/	Aves	Cacatuidae	Calyptorhynchus lathami	Glossy Black-Cockatoo	No	Category 2 Sensitive	
AvesColumbidaePtilinopus superbusSuperb Fruit-DoveNoVulnerable, ProtectedAvesDiomedeidaeDiomedea exulansWandering AlbatrossNoEndangered, ProtectedE,JAvesFalconidaeFalco subnigerBlack FalconNoVulnerable, ProtectedE,JAvesHaematopodidaeHaematopus longirostrisPied OystercatcherNoEndangered, ProtectedAvesLaridaeOnychoprion fuscataSooty TernNoVulnerable, ProtectedCAMBA, J/AvesLaridaeSternula albifronsLittle TernNoEndangered, ProtectedCAMBA, J/	Aves	Charadriidae	Charadrius leschenaultii	Greater Sand-plover	No	Vulnerable, Protected	V,C,J,K
AvesDiomedeidaeDiomedea exulansWandering AlbatrossNoEndangered, ProtectedE,JAvesFalconidaeFalco subnigerBlack FalconNoVulnerable, ProtectedE,JAvesHaematopodidaeHaematopus longirostrisPied OystercatcherNoEndangered, ProtectedCAvesLaridaeOnychoprion fuscataSooty TernNoVulnerable, ProtectedCAMBA, J/AvesLaridaeSternula albifronsLittle TernNoEndangered, ProtectedCAMBA, J/	Aves	Ciconiidae	Ephippiorhynchus asiaticus	Black-necked Stork	No	Endangered, Protected	
AvesFalconidaeFalco subnigerBlack FalconNoVulnerable, ProtectedAvesHaematopodidaeHaematopus longirostrisPied OystercatcherNoEndangered, ProtectedAvesLaridaeOnychoprion fuscataSooty TernNoVulnerable, ProtectedAvesLaridaeSternula albifronsLittle TernNoEndangered, Protected	Aves	Columbidae	Ptilinopus superbus	Superb Fruit-Dove	No	Vulnerable, Protected	
Aves       Haematopodidae       Haematopus longirostris       Pied Oystercatcher       No       Endangered, Protected         Aves       Laridae       Onychoprion fuscata       Sooty Tern       No       Vulnerable, Protected         Aves       Laridae       Sternula albifrons       Little Tern       No       Endangered, Protected       CAMBA, J/	Aves	Diomedeidae	Diomedea exulans	Wandering Albatross	No	Endangered, Protected	E,J
Aves     Laridae     Onychoprion fuscata     Sooty Tern     No     Vulnerable, Protected       Aves     Laridae     Sternula albifrons     Little Tern     No     Endangered, Protected     CAMBA, J/	Aves	Falconidae	Falco subniger	Black Falcon	No	Vulnerable, Protected	
Aves     Laridae     Sternula albifrons     Little Tern     No     Endangered, Protected     CAMBA, J/	Aves	Haematopodidae	Haematopus longirostris	Pied Oystercatcher	No	Endangered, Protected	
	Aves	Laridae	Onychoprion fuscata	Sooty Tern	No	Vulnerable, Protected	
	Aves	Laridae	Sternula albifrons	Little Tern	No	Endangered, Protected	CAMBA, JAMBA, ROKAMBA
Aves Meliphagidae Anthochaera phrygia Regent Honeyeater No Critically Endangered Critically Species, Protected Endangere	Aves	Meliphagidae	Anthochaera phrygia	Regent Honeyeater	No		
Aves         Meliphagidae         Epthianura albifrons         White-fronted Chat         No         Vulnerable, Protected	Aves	Meliphagidae	Epthianura albifrons	White-fronted Chat	No	• •	<u><u></u></u>
Aves Meliphagidae Epthianura albifrons White-fronted Chat population in the Sydney Metropolitan Catchment Management Area Population, Vulnerable, Protected	Aves	Meliphagidae	Epthianura albifrons	Sydney Metropolitan Catchment	No	Population, Vulnerable,	
Aves         Neosittidae         Daphoenositta chrysoptera         Varied Sittella         No         Vulnerable, Protected	Aves	Neosittidae	Daphoenositta chrysoptera		No		

Class	Family	Scientific	Common	Exotic	NSW Status	Commonwealth Status
Aves	Petroicidae	Petroica boodang	Scarlet Robin	No	Vulnerable, Protected	
Aves	Procellariidae	Ardenna carneipes	Flesh-footed Shearwater	No	Vulnerable, Protected	J,K
Aves	Procellariidae	Pterodroma leucoptera leucoptera	Gould's Petrel	No	Vulnerable, Protected	Endangered
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	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 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 connivens	Barking Owl	No	Vulnerable, Protected, Category 3 Sensitive Species	
Aves	Strigidae	Ninox strenua	Powerful Owl	No	Vulnerable, Protected, Category 3 Sensitive Species	
Aves	Tytonidae	Tyto longimembris	Eastern Grass Owl	No	Vulnerable, Protected, Category 3 Sensitive Species	
Aves	Tytonidae	Tyto novaehollandiae	Masked Owl	No	Vulnerable, Protected, Category 3 Sensitive Species	
Aves	Tytonidae	Tyto tenebricosa	Sooty 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	Burramyidae	Cercartetus nanus	Eastern Pygmy-possum	No	Vulnerable, Protected	
Mammalia	Dasyuridae	Dasyurus maculatus	Spotted-tailed Quoll	No	Vulnerable, Protected	Endangered
Mammalia	Dasyuridae	Dasyurus viverrinus	Eastern Quoll	No	Endangered, Protected	Critically Endangered
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	Isoodon obesulus obesulus	Southern Brown Bandicoot (eastern)	No	Endangered, Protected	Endangered
Mammalia	Peramelidae	Perameles nasuta	Long-nosed Bandicoot population in inner western Sydney	No	Endangered Population, Protected	
Mammalia	Petauridae	Petaurus australis	Yellow-bellied Glider	No	Vulnerable, Protected	
Mammalia	Phascolarctidae	Phascolarctos cinereus	Koala	No	Vulnerable, Protected	Vulnerable
Mammalia	Pteropodidae	Pteropus poliocephalus	Grey-headed Flying-fox	No	Vulnerable, Protected	Vulnerable
Mammalia	Vespertilionidae	Chalinolobus dwyeri	Large-eared Pied Bat	No	Vulnerable, Protected	Vulnerable
Mammalia	Vespertilionidae	Falsistrellus tasmaniensis	Eastern False Pipistrelle	No	Vulnerable, Protected	
Mammalia	Vespertilionidae	Miniopterus australis	Little Bentwing-bat	No	Vulnerable, Protected	
Mammalia	Vespertilionidae	Miniopterus schreibersii oceanensis	Eastern Bentwing-bat	No	Vulnerable, Protected	

Class	Family	Scientific	Common	Exotic	NSW Status	Commonwealth Status
Mammalia	Vespertilionidae	Myotis macropus	Southern Myotis	No	Vulnerable, Protected	
Mammalia	Vespertilionidae	Scoteanax rueppellii	Greater Broad-nosed Bat	No	Vulnerable, Protected	
Reptilia	Dermochelyidae	Dermochelys coriacea	Leatherback Turtle	No	Endangered, Protected	Endangered
Reptilia	Varanidae	Varanus rosenbergi	Rosenberg's Goanna	No	Vulnerable, Protected	
Flora	Casuarinaceae	Allocasuarina portuensis	Nielsen Park She-oak	No	Endangered, Protected, Category 3 Sensitive Species	Endangered
Flora	Convolvulaceae	Wilsonia backhousei	Narrow-leafed Wilsonia	No	Vulnerable, Protected	
Flora	Dilleniaceae	Hibbertia puberula		No	Endangered, Protected	
Flora	Dilleniaceae	Hibbertia superans		No	Endangered, Protected	
Flora	Elaeocarpaceae	Tetratheca glandulosa		No	Vulnerable, Protected	
Flora	Elaeocarpaceae	Tetratheca juncea	Black-eyed Susan	No	Vulnerable, Protected	Vulnerable
Flora	Ericaceae	Epacris purpurascens var.		No	Vulnerable, Protected	
Flora	Euphorbiaceae	Chamaesyce psammogeton	Sand Spurge	No	Endangered, Protected	
Flora	Fabaceae (Faboideae)	Dillwynia tenuifolia		No	Vulnerable, Protected	
Flora	Fabaceae (Mimosoideae)	Acacia bynoeana	Bynoe's Wattle	No	Endangered, Protected	Vulnerable
Flora	Fabaceae (Mimosoideae)	Acacia clunies-rossiae	Kanangra Wattle	No	Vulnerable, Protected	
Flora	Fabaceae (Mimosoideae)	Acacia gordonii		No	Endangered, Protected	Endangered
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	Grammitidaceae	Grammitis stenophylla	Narrow-leaf Finger Fern	No	Endangered, Protected, Category 3 Sensitive Species	
Flora	Haloragaceae	Haloragodendron lucasii		No	Endangered, Protected	Endangered
Flora	Lamiaceae	Prostanthera junonis	Somersby Mintbush	No	Endangered, Protected	Endangered
Flora	Lobeliaceae	Hypsela sessiliflora		No	Endangered, Protected, Category 3 Sensitive Species	Extinct
Flora	Malvaceae	Lasiopetalum joyceae		No	Vulnerable, Protected	Vulnerable
Flora	Myrtaceae	Callistemon linearifolius	Netted Bottle Brush	No	Vulnerable, Protected, Category 3 Sensitive Species	
Flora	Myrtaceae	Darwinia biflora		No	Vulnerable, Protected	Vulnerable
Flora	Myrtaceae	Darwinia peduncularis		No	Vulnerable, Protected	
Flora	Myrtaceae	Eucalyptus camfieldii	Camfield's Stringybark	No	Vulnerable, Protected	Vulnerable
Flora	Myrtaceae	Eucalyptus nicholii	Narrow-leaved Black Peppermint	No	Vulnerable, Protected	Vulnerable
Flora	Myrtaceae	Eucalyptus pulverulenta	Silver-leafed Gum	No	Vulnerable, Protected	Vulnerable
Flora	Myrtaceae	Leptospermum deanei		No	Vulnerable, Protected	Vulnerable
Flora	Myrtaceae	Melaleuca biconvexa	Biconvex Paperbark	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	Orchidaceae	Cryptostylis hunteriana	Leafless Tongue Orchid	No	Vulnerable, Protected, Category 2 Sensitive Species	Vulnerable

Class	Family	Scientific	Common	Exotic	NSW Status	Commonwealth Status
Flora	Orchidaceae	Genoplesium baueri	Bauer's Midge Orchid	No	Endangered, Protected, Category 2 Sensitive Species	Endangered
Flora	Orchidaceae	Microtis angusii	Angus's Onion Orchid	No	Endangered, Protected, Category 2 Sensitive Species	Endangered
Flora	Orchidaceae	Pterostylis saxicola	Sydney Plains Greenhood	No	Endangered, Protected, Category 2 Sensitive Species	Endangered
Flora	Orchidaceae	Sarcochilus hartmannii	Hartman's Sarcochilus	No	Vulnerable, Protected, Category 2 Sensitive Species	Vulnerable
Flora	Poaceae	Deyeuxia appressa		No	Endangered, Protected	Endangered
Flora	Proteaceae	Grevillea parviflora subsp. parviflora	Small-flower Grevillea	No	Vulnerable, Protected	Vulnerable
Flora	Proteaceae	Persoonia hirsuta	Hairy Geebung	No	Endangered, Protected, Category 3 Sensitive Species	Endangered
Flora	Santalaceae	Thesium australe	Austral Toadflax	No	Vulnerable, Protected	Vulnerable
Flora	Thymelaeaceae	Pimelea curviflora var. curviflora		No	Vulnerable, Protected	Vulnerable
Flora	Zannichelliaceae	Zannichellia palustris		No	Endangered, Protected	
Flora	Hygrophoraceae	Camarophyllopsis kearneyi		No	Endangered, Protected	
Flora	Hygrophoraceae	Hygrocybe anomala var. ianthinomarginata		No	Vulnerable, Protected	
Flora	Hygrophoraceae	Hygrocybe aurantipes		No	Vulnerable, Protected	
Flora	Hygrophoraceae	Hygrocybe austropratensis		No	Endangered, Protected	
Flora	Hygrophoraceae	Hygrocybe collucera		No	Endangered, Protected	
Flora	Hygrophoraceae	Hygrocybe griseoramosa		No	Endangered, Protected	
Flora	Hygrophoraceae	Hygrocybe lanecovensis		No	Endangered, Protected	
Flora	Hygrophoraceae	Hygrocybe reesiae		No	Vulnerable, Protected	
Flora	Hygrophoraceae	Hygrocybe rubronivea		No	Vulnerable, Protected	

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 02/08/2016

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Land Title Records

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03<sup>rd</sup> August, 2016

#### ENVIRONMENTAL INVESTIGATION SERVICES PO BOX 976, NORTH RYDE BC NSW 1670

Attention: Mitchell Delaney,

RE:

### Beaconsfield Road, Chatswood, Chatswood Golf Club Job No. E27168KD

Note 1:	Lot 1	DP 1124646	(page 1)
Note 2:	Lot 1	DP 651667	(page 3)
Note 3:	Lot 163	<b>DP 752067</b>	(page 4)
Note 4:	Lot 22	DP 626634	(page 6)

Note 1:

## **Current Search**

Folio Identifier 1/1124646 (attached) DP 1124646 (attached) Dated 02<sup>nd</sup> August, 2016 Registered Proprietor: **CHATSWOOD GOLF CLUB LIMITED** 

# Title Tree Lot 1 DP 1124646

Folio Identifier 1/1124646

### CA 127719

Conveyance Book 3461 No. 342

Conveyance Book 1987 No. 138

Conveyance Book 1006 No. 606

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# Summary of Proprietor(s) Lot 1 DP 1124646

#### Year

### Proprietor

2.15
erches

-2-

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Note 2:

## **Current Search**

Folio Identifier 1/651667 (attached) DP 651667 (attached) Dated 2<sup>nd</sup> August, 2016 Registered Proprietor: **CHATSWOOD GOLF CLUB LIMITED** 

# Title Tree Lot 1 DP 651667

Folio Identifier 1/651667

Certificate of Title Volume 10425 Folio 96

Government Gazette 4/3/1966 Road Closure

Crown Road

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# Summary of Proprietor(s) Lot 1 DP 651667

#### Year

**Proprietor** 

	(Lot 1 DP 651667)
1992 – todate	Chatswood Golf Club Limited
	(Lot 1 DP 651667 – CTVol 10425 Fol 96)
1981 - 1992	Chatswood Golf Club Limited
1966 - 1981	The Chatswood Golf Company Limited
	(Crown Road Parish Willoughby – Area 1 Acre 2 Roods 34 Perches)
Prior – 1966	Crown Road

Note 3:

## **Current Search**

Folio Identifier 163/752067 (attached) CP 630-690 (attached) Dated 2<sup>nd</sup> August, 2016 Registered Proprietor: **CHATSWOOD GOLF CLUB LIMITED** 

## Title Tree Lot 163 DP 752067

Folio Identifier 163/752067

### CA 145004

Conveyance Book 1956 No. 343

Indenture Book 779 No. 595 & Book 710 No. 366

\*\*\*\*

# Summary of Proprietor(s) Lot 163 DP 752067

### Year

## Proprietor

	(Lot 163 DP 752067)
2009 - todate	Chatswood Golf Club Limited
	(Portion 163 Parish Willoughby – Area 11 Acres 2 Roods – Conv Bk
	1956 No. 343)
1945 - 2009	The Chatswood Golf Company Limited
1919 - 1945	Arthur Isaac Cohen, commercial traveller / executor
	Harold Edward Cohen, solicitor / executor
	Rupert Alfred Hart, gentleman / executor
	Edward Cohen, estate
	(Portion 163 Parish Willoughby – Area 11 Acres 2 Roods – Indent
	Bk 779 No. 595)
1905 - 1919	Arthur Isaac Cohen, commercial traveller / executor
	Alexander Marks, executor
	Harold Edward Cohen, solicitor / executor
	Edward Cohen, estate
	(Portion 163 Parish Willoughby – Area 11 Acres 2 Roods – Indent
	Bk 710 No. 366)
1902 - 1905	Arthur Isaac Cohen, commercial traveller / executor
	Benjamin Benjamin, merchant / executor
	Alexander Marks, executor
	Edward Cohen, estate
1877 – 1902	Benjamin Benjamin, merchant / executor
	David Benjamin, executor
	Alexander Marks, executor
	Rebecca Cohen, life estate
	Edward Cohen, estate

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Note 4:

### **Current Search**

Folio Identifier 22/626634 (attached) DP 626634 (attached) Dated 02<sup>nd</sup> August, 2016 Registered Proprietor: **THE CHATSWOOD GOLF CLUB LIMITED** 

## Title Tree Lot 22 DP 626634

Folio Identifier 22/626634

Certificate of Title Volume 15079 Folio 232

Certificate of Title Volume 11579 Folio 83

#### See Notes (a) & (b) & (c)

(a)	(b)	(c)
CTVol 4107 Folio 115	CTVol 6446 Folio 220	CTVol 10857 Folio 149
CTVol 2253 Folio 19	CTVol 5788 Folio 53	See Notes (ci) & (cii)
* * *	CTVol 2253 Folio 19	

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(ci)

 CTVol 4712 Folio 148
 CTVol 10637 Folio 249

 CTVol 4689 Folio 227
 (ciia)
 (ciib)

 CTVol 4669 Folio's 7 & 8
 CTVol 5019 Folio 190
 CTVol 10563 Folio 79

 CTVol 2253 Folio 197
 See Notes (ciiaa) & (ciiab)
 CTVol 2244 Folio 24

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(cii)

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### -7-

### (ciiaa)

### CTVol 2625 Folio 44

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(ciiab)

CTVol 4683 Folio 201

### CTVol 4669 Folio's 7 & 8

#### CTVol 2253 Folio 197

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# Summary of Proprietor(s) Lot 22 DP 626634

#### Year

### Proprietor

	(Lot 22 DP 626634)
1988 - todate	The Chatswood Golf Club Limited
	(Lot 22 DP 626634 – CTVol 15079 Fol 232)
1983 - 1988	The Chatswood Golf Club Limited
	(Lot 9 DP 239265 – CTVol 11579 Fol 83)
1981 - 1983	Chatswood Golf Club Limited
1971 – 1981	The Chatswood Golf Company Limited

See Notes (a) & (b) & (c)

### Note (a)

	(Lot 11 DP 13204 – Area 1 Rood 2 <sup>3</sup> / <sub>4</sub> Perches – CTVol 4107 Fol 115)
1937 - 1971	The Chatswood Golf Company Limited
1936 - 1937	Vallance Rothwell Grundy, gentleman
1928 - 1936	Annie Gregson, wife of Will Gregson, gentleman
	(Portion 138 Parish Willoughby – Area 24 Acres 2 Roods 34 1/2
	Perches – CTVol 2253 Fol 197)
1924 - 1928	Terence O'Brien, licensed Victualler
1918 - 1924	Eridsford Norman O'Brien, clerk in holy orders
1916 - 1918	James Alston Gregg, grazier
1912 - 1916	Alexander Walter Scott Gregg, auctioneer
1912 - 1912	Alexander Sinclair Murray, gentleman
1912 - 1912	John Sinclair Murray, draper
Note (b)

	(Lot B in F469376 – Area 13 ½ Perches – CTVol 6446 Fol 220)	
1952 - 1971	The Chatswood Golf Company Limited	
	(Lot 10 DP 13204 - Area 1 Rood 15 ½ Perches - CTVol 5788 Fol 53)	
1948 – 1952	John Edward Wootton, surgical plant manufacturer	
	Dorothy Mildred Wootton, wife	
1948 - 1948	Lindsay Stanley Wilson, builder	
1948 - 1948	Sarah Ruperta Fennell, spinster	
	(Portion 138 Parish Willoughby – Area 24 Acres 2 Roods 34 ½	
	Perches – CTVol 2253 Fol 197)	
1931 - 1948	The Permanent Trustee Company of New South Wales Limited	
1924 – 1931	Terence O'Brien, licensed victualler	
1918 - 1924	Eridsford Norman O'Brien, clerk in holy orders	
1916 - 1918	James Alston Gregg, grazier	
1912 – 1916	Alexander Walter Scott Gregg, auctioneer	
1912 - 1912	Alexander Sinclair Murray, gentleman	
1912 - 1912	John Sinclair Murray, draper	

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Note (c)

	(Lot 4 DP 530181 – CTVol 10857 Fol 149)	
1968 - 1971	The Chatswood Golf Company Limited	
1968 - 1968	Asia Pacific Publishers Pty Limited	
	The Chatswood Golf Company Limited	

See Notes (ci) & (cii)

Note (ci)

	(Lots 14 to 17 DP 13204 - Area 3 Roods 18 Perches - CTVol 4712 Fol	
	148)	
1962 - 1968	Asia Pacific Publishers Pty Limited	
1962 - 1962	Maria Agnes Degotardi, married woman	
1961 - 1962	William Henry Shepherd, company director	
	Robert Campbell – Cathels, company director	
1947 – 1961	Charles Michael Ryan, merchant	
1935 – 1947	Coralie Elsie Gilmour, wife of Leonard Dennie Gilmour, bookseller	
	(Lot 14 DP 13204 and other lands – CTVol 4689 Fol 227)	
1935 - 1935	Donald Innes McDonald, optician	
1935 - 1935	Wilfred Joseph O'Brien, gentleman	
	(Lot 14 DP 13204 and other lands – CTVol 4669 Fol 7 & 8)	
1935 - 1935	Mary O'Brien, widow	
	Wilfred Joseph O'Brien, gentleman	
	(Part Portion 138 Parish Willoughby – Area 24 Acres 2 Roods 34 <sup>1</sup> / <sub>2</sub>	
	Perches – CTVol 2253 Fol 197)	
1931 – 1935	Permanent Trustee Company of New South Wales	
1924 – 1931	Terence O'Brien, licenced victualler	
1918 – 1924	Eridsford Norman O'Brien, clerk in holy orders	
1916 - 1918	James Alston Gregg, grazier	
1912 - 1916	Alexander Walter Scott-Gregg, auctioneer	
1912 - 1912	Alexander Sinclair Murray, gentleman	
1912 - 1912	John Sinclair Murray, draper	

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Note (cii)

	(Lot 9 DP 234274 – CTVol 10637 Fol 249)
1967 – 1968	The Chatswood Golf Company Limited

See Notes (ciia) & (ciib)

## Note (ciia)

	(Lots 12 & 13 DP 13204 & Portion 138 & Part Portion 136 Parish Willoughby – Area 15 Acres 3 Rood 34 Perches – CTVol 5019 Fol 190)
1939 - 1967	The Chatswood Golf Company Limited

See Notes (ciiaa) & (ciiab)

# Note (ciiaa)

	(Portion 136 Parish Willoughby – Area 11 Acres 3 Roods 5 Perches – CTVol 2625 Fol 44)
1936 - 1939	Charles Lindsay Kennedy, station hand
1920 - 1936	Perpetual Trustee Company (Limited)
1919 – 1920	Annie Louise Kennedy, wife of Joseph Kennedy, butcher
1915 – 1919	Joseph Kennedy, butcher

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## Note (ciiab)

+ 1 1.0	(Lots 12 & 13 DP 13204 & Portion 138 Parish Willoughby – Area 14
	Acres 2 Roods 19 ½ Perches – CTVol 4683 Fol 201)
1935 - 1939	The Chatswood Golf Company Limited
	(Lot 14 DP 13204 and other lands – CTVol 4669 Fol 7 & 8)
1935 - 1935	Mary O'Brien, widow
	Wilfred Joseph O'Brien, gentleman
	(Part Portion 138 Parish Willoughby – Area 24 Acres 2 Roods 34 1/2
	Perches – CTVol 2253 Fol 197)
1931 - 1935	Permanent Trustee Company of New South Wales
1924 - 1931	Terence O'Brien, licenced victualler
1918 - 1924	Eridsford Norman O'Brien, clerk in holy orders
1916 - 1918	James Alston Gregg, grazier
1912 - 1916	Alexander Walter Scott-Gregg, auctioneer
1912 - 1912	Alexander Sinclair Murray, gentleman
1912 - 1912	John Sinclair Murray, draper

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# Note (ciib)

	(Lots 14 & 15 Section 1 DP 404 – CTVol 10563 Fol 79)
1967 - 1967	The Chatswood Golf Company Limited
	(Lots 14 & 15 Section 1 DP 404 - Area 3 Roods 33 Perches - CTVol
	2244 Fol 24)
1941 – 1967 The Chatswood Golf Company Limited	
1932 – 1941 The Permanent Trustee Company of New South Wales	
1924 - 1932	Terence O'Brien, licenced victualler
1918 - 1924	Eridsford Norman O'Brien, clerk in holy orders
1916 - 1918	James Alston Gregg, grazier
1912 - 1916	Alexander Walter Scott-Gregg, auctioneer

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EDITION NO DATE

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2/6/2008

General in accordance with Section 96B(2) of the Real Property Act. Advance Legal Searchers Pty Ltd hereby certifies that the information contained in this document has been provided electronically by the Registrar

Information provided through Tri-Search an approved L.PIMSW Information Broker

HDAAAB - TITLE - SALAW HTUOR WEW SOUTH WALES - TITLE SEARCH

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\*\*\* HONARE OF SEARCH \*\*\*

NOITAAOAAOO DUIXNAA DAFTEA OT ADADTAOM 2822815A

PARISH OF WILLOUGHBY COUNTY OF CUMBERLAND

SEARCH DATE TIME

MA 81:8

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CONDITIONS IN FAVOUR OF THE CROWN - SEE CROWN GRANT(S)

LAND EXCLUDES MINERALS AND IS SUBJECT TO RESERVATIONS AND

UNREGISTERED DEALINGS: NIL

SECOND SCHEDULE (2 NOTIFICATIONS)

CHATSWOOD GOLF CLUB LIMITED

TITLE DIAGRAM DP651667

LOT 1 IN DEPOSITED PLAN 651667

9T0Z/8/Z

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LOCAL GOVERNMENT AREA WILLOUGHBY

------**ZNOITATON** 

------FIRST SCHEDULE

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\*NN BUTRIES PRECEDED BY AN ASTERISK DO NOT APPEAR ON THE CURRENT EDITION OF THE CERTIFICATE OF TITLE. WARNING: THE INFORMATION APPEARING ета - сиятамоод PRINTED ON 2/8/2016

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Information provided through Tri-Search an approved LPINSW Information Broker LEND AND PROPERTY INFORMATION NEW SOUTH WELES - HISTORICAL SEARCH

\_\_\_\_\_ SEARCH DATE

2/8/2016 8:24AM

EDILION J

FOLIO: 1/651667

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**₽66**T/E/6

\$66T/Z/\$Z

2/9/2008 RE185582 MORTGAGE

2/9/2008 RE185580 DISCHARGE OF MORTGAGE

CT NOT ISSUED Recorded Number Type of Instrument CONVERTED TO COMPUTER FOLIO FOLIO CREATED C.T. Issue Prior Title(a): VOL 10425 FOL 96 First Title(s): VOL 10425 FOL 96

MANDAID BLITLE DIAGRAM

MANDAID SUTIT : TNAMONAMA

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MA 81:8 5/8/2070 --------LIME SEARCH DATE

COUNTY OF CUMBERLAND PARISH OF WILLOUGHBY LOCAL GOVERNMENT AREA WILLOUGHBY TEEW GOOWETAHD TA LOT 1 IN DEPOSITED PLAN 1124646

EOLIO: 1/1124646

**UNA**J

FIRST SCHEDULE

(GTLLZTAD)

₽T0Z/T/8T

DATE

SECOND SCHEDULE (10 NOTIFICATIONS)

CHATSWOOD GOLF CLUB LIMITED

TITLE DIAGRAM DP1124646

RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S) τ

QUALIFIED TITLE. CAUTION PURSUANT TO SECTION 28J OF THE REAL 2

PROPERTY ACT, 1900. THE BOUNDARIES OF THE LAND COMPRISED HEREIN LIMITED TITLE. LIMITATION PURSUANT TO SECTION 28T(4) OF THE REAL ε PROPERTY ACT, 1900. ENTERED 14.3.2008 BK3461 NO342

BK 2950 NO 771 MORTGAGE TO WESTPAC BANKING CORPORATION ₽ HAVE NOT BEEN INVESTIGATED BY THE REGISTRAR GENERAL.

BK 4539 NO 530 MORTGAGE TO WESTPAC BANKING CORPORATION 9 BK 2950 NO 772 MORTGAGE TO WESTPAC BANKING CORPORATION S

AI212694 LEASE TO OPTUS MOBILE PTY LIMITED OF THE PART SHOWN

HATCHED IN PLAN WITH AI212694. EXPIRES: 30/5/2018. L

HATCHED IN PLAN WITH AI212695. COMMENCING 31/5/2018. AISI2695 LEASE TO OPTUS MOBILE PTY LIMITED OF THE PART SHOWN 8

AI212696 LEASE TO OPTUS MOBILE PTY LIMITED OF THE PART SHOWN 6 EXPIRES: 30/5/2023.

EXPIRES: 30/5/2028. HATCHED IN PLAN WITH AI212696. COMMENCING 31/5/2023.

EXPIRES: 30/5/2033. HATCHED IN PLAN WITH AI212697. COMMENCING 31/5/2028.

**ZNOITATON** 

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\*\*\* END OL ZEYKCH \*\*\*

UNDER NOTATIONS HAS NOT BEEN FORMALLY RECORDED IN THE REDISTER.

UNREGISTERED DEALINGS: NIL

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Information provided through Tri-Search an approved LPINSW Information Broker LAND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

### SEARCH DATE

#### X/8/2016 8:23AM \_ \_ \_ \_ \_ \_ \_ \_ \_

FOLIO: 1/1124646

EDITION 2	LEASE	<b>VISI2697</b>	₽T0Z/T/8T
	LEASE	AI212696	<b>18\1\501</b>
	<b>TEASE</b>	AI212695	<b>78\J\</b> 507€
	JEASE	<b>A1212694</b>	<b>₹</b> 18\T\S07
	CONVERSION ACTION	CA127719	14/3/2008
EDILION J			
FOLIO CREATED	DEPOSITED PLAN	D57754646	<b>14∖3\2008</b>
ST. Isaue	Type of Instrument	Number	Recorded
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	OLD SYSTEM	:(a)eltit de	ata

\*\*\* END OF SEARCH \*\*\*

· Sur Entries Preceded by an Asterisk do not appear on the current edition of the certificate of title. Warning, the information appearing Under notations each normalix recorded in the register. PRINTED ON 2/8/2016 boowadsdo - ais

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Information provided through Tri-Search an approved LPINSW Information Broker LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 22/626634

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SEARCH DATE	TIME	EDITION NO	DATE
2/8/2016	8:21 AM	1	2/9/2008

LAND

LOT 22 IN DEPOSITED PLAN 626634 AT CHATSWOOD LOCAL GOVERNMENT AREA WILLOUGHBY PARISH OF WILLOUGHBY COUNTY OF CUMBERLAND TITLE DIAGRAM DP626634

FIRST SCHEDULE

THE CHATSWOOD GOLF CLUB LIMITED

SECOND SCHEDULE (26 NOTIFICATIONS)

1		ONS AND CONDITIONS IN THE CROWN GRANT(S)
2	DP234274	EASEMENT TO DRAIN WATER 1.83 WIDE AFFECTING THE
		PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
3	DP234274	EASEMENT TO DRAIN WATER 3.05 WIDE AFFECTING THE
		PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
4	DP234274	
		PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
5	DP234274	RESTRICTION(S) ON THE USE OF LAND AFFECTING THE
		PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
6	DP530181	EASEMENT TO DRAIN WATER 1.22 WIDE AFFECTING THE
		PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
7	DP530181	EASEMENT TO DRAIN WATER VARIABLE WIDTH AFFECTING THE
		PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
8	DP239265	EASEMENT TO DRAIN WATER 1.83 WIDE AFFECTING THE
		PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
9	DP239265	EASEMENT TO DRAIN WATER 1.83 WIDE APPURTENANT TO THE
		LAND ABOVE DESCRIBED
10	DP239265	RIGHT OF CARRIAGEWAY 1.335 AND VARIABLE WIDTH
		AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE
		DIAGRAM
11	DP239265	RIGHT OF CARRIAGEWAY VARIABLE WIDTH APPURTENANT TO
		THE LAND ABOVE DESCRIBED
12	DP239265	EASEMENT TO DRAIN WATER 1.335 AND VARIABLE WIDTH
		AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE
		DIAGRAM
13	DP239265	EASEMENT TO DRAIN WATER VARIABLE WIDTH APPURTENANT
		TO THE LAND ABOVE DESCRIBED
14	DP239265	RIGHT OF CARRIAGEWAY 1.83 WIDE APPURTENANT TO THE
		LAND ABOVE DESCRIBED
		END OF DACE 1 CONTINUED OVE

END OF PAGE 1 - CONTINUED OVER

eis - chatswood

PRINTED ON 2/8/2016

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triSearch

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 22/626634

PAGE 2

SECOND SCHEDULE (26 NOTIFICATIONS) (CONTINUED)

15	DP239265	EASEMENT TO DRAIN WATER 3.66 WIDE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
16	DP239265	EASEMENT FOR SUPPORT AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
17	DP239265	EASEMENT TO DRAIN WATER 1.22 WIDE AFFECTING THE
		PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
18	DP239265	EASEMENT TO DRAIN WATER 1.22 WIDE APPURTENANT TO THE LAND ABOVE DESCRIBED
19	DP239265	EASEMENT FOR DRAINAGE 1.83 WIDE AFFECTING THE
		PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
	X6437	02 CANCELLED AS TO THE PART SHOWN IN DP640201 IN
		SO FAR AS IT IS APPURTENANT TO THE COUNCIL OF THE
		MUNICIPALITY OF WILLOUGHBY
20	DP239265	RESTRICTION(S) ON THE USE OF LAND
21	M357459	EASEMENT FOR WATER SUPPLY AFFECTING THE PART(S)
		SHOWN SO BURDENED IN THE TITLE DIAGRAM
22	M371994	EASEMENT FOR WATER SUPPLY APPURTENANT TO THE LAND
		ABOVE DESCRIBED AFFECTING THE LAND SHOWN SO BURDENED
		IN DP626634
23	M445369	EASEMENT FOR WATER SUPPLY APPURTENANT TO THE LAND
		ABOVE DESCRIBED AFFECTING THE LAND SHOWN SO BURDENED
		IN DP626634
24	M558757	EASEMENT FOR WATER SUPPLY APPURTENANT TO THE LAND
		ABOVE DESCRIBED AFFECTING THE LAND SHOWN SO BURDENED
		IN DP626634
25	DP640202	EASEMENT FOR DRAINAGE 1.83 WIDE AFFECTING THE PART
		OF THE LAND ABOVE DESCRIBED SHOWN SO BURDENED IN
		DP640202
26	AE185582	MORTGAGE TO WESTPAC BANKING CORPORATION

## NOTATIONS

UNREGISTERED DEALINGS: NIL

\*\*\* END OF SEARCH \*\*\*

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PRINTED ON 2/8/2016

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> SEARCH DATE 2/8/2016 8:26AM

FOLIO: 22/626634

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First Title(s): SEE PRIOR TITLE(S) Prior Title(s): VOL 15079 FOL 232

Recorded	Number	Type of Instrument	C.T. Issue
28/3/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
23/9/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
2/9/2008	AE185582	MORTGAGE	EDITION 1

\*\*\* END OF SEARCH \*\*\*

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Information provided through Tri-Search an approved LPINSIV Information Broker LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 163/752067

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SEARCH DATE	TIME	EDITION NO	DATE
		*********	
2/8/2016	8:19 AM	2	10/7/2009

LAND

LOT 163 IN DEPOSITED PLAN 752067 AT CHATSWOOD LOCAL GOVERNMENT AREA WILLOUGHBY PARISH OF WILLOUGHBY COUNTY OF CUMBERLAND (FORMERLY KNOWN AS PORTION 163) TITLE DIAGRAM CROWN PLAN 630.690

FIRST SCHEDULE

-----

CHATSWOOD GOLF CLUB LIMITED

(CA145004)

SECOND SCHEDULE (5 NOTIFICATIONS)

1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)

- 2 QUALIFIED TITLE. CAUTION PURSUANT TO SECTION 28J OF THE REAL PROPERTY ACT, 1900. ENTERED 3.6.2009 BK1956 NO343
- 3 LIMITED TITLE. LIMITATION PURSUANT TO SECTION 28T(4) OF THE REAL PROPERTY ACT, 1900. THE BOUNDARIES OF THE LAND COMPRISED HEREIN HAVE NOT BEEN INVESTIGATED BY THE REGISTRAR GENERAL.
- 4 BK 2950 NO 771 MORTGAGE TO WESTPAC BANKING CORPORATION
- 5 BK 2950 NO 772 MORTGAGE TO WESTPAC BANKING CORPORATION

NOTATIONS

UNREGISTERED DEALINGS: PP DP1193113.

\*\*\* END OF SEARCH \*\*\*

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Information provided through Tri-Search an approved LPINSW Information Broker LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH 

> SEARCH DATE \_\_\_\_\_ 2/8/2016 8:25AM

FOLIO: 163/752067 ----

> First Title(s): OLD SYSTEM Prior Title(B): BK 1956 NO 343

Recorded	Number	Type of Instrument	C.T. Issue
3/6/2009	CA145004	CONVERSION ACTION	FOLIO CREATED
3/6/2009	CA145004	CONVERSION ACTION	CT NOT ISSUED
10/7/2009	AE825652	DEPARTMENTAL DEALING	EDITION 1
10/7/2009	AE825920	DEPARTMENTAL DEALING	EDITION 2

\*\*\* END OF SEARCH \*\*\*

eis - chatswood

PRINTED ON 2/8/2016

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	tle : Vol11579 Fol. 8		Vol.	***********************	Fol,	******
232				EDITION ISSUED 7	7 1983	
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Sec. A	Appins, Nog. 6472 & 19923
and the second	(part) Prior Titles Vol. 4107 Fol.115
00	Vol. 6446 Fol.220 Vol.10857 Fol.149
00	
	CONTRACTION OUNT THIS HITES
Fol	I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.
62	subject nevertheless to such exceptions cheantorance and management and
- 2:5	
	Registrar General.
	ESTATE AND LAND REFERRED TO
1	5 Estate in Fee Simple in Lot 9 in Deposited Plan 239265 at Chatswood in the Municipality of
	Willoughby Parish of Willoughby and County of Portion 138 granted to William Albert Braylesford Greaves
CERTIFICATE OR ANY NOTIFICATION HEREON	-THE CHATSWOOD COLF COMMANY LIMITED. SECOND SCHEDULE 1. Reservations and conditions, if any, contained in the Crown Grants above referred to. 2. Easements to Drain Water affecting the part of the land above described shown in plan 2. Easement to Drain Water affecting the part of the land above described shown in plan hereon as "Easement to Drain Water 6 Feet Wide", "Easement to Drain Water 10 Feet Wide"
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IFIC	Plan 234274. See K/84630.
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RA	hereon as "Easement to Drain water of Percepted Plan 530181. See L130741.
O H	5. Mortgage No. 1630734 to The Mutual Dire and Charles in
LCA1	Entered 19-5-1970 and the Bast We May South Walgs Savings Bank Limited. Entered 19-5-1970-M357458
STIF	7. Mortgage Rollssing to part to the land above described created by the registration
	of Deposited Plan 239265. See L880827. 9. Easement to drain water affecting the part of the land above described shown in plan hereon
THIS	ac Presement to prain water o rect vide crows in
e e	<ul> <li>239265. See L880827.</li> <li>10. Right of Carriageway appurtement to the land above described created by the registration of Deposited Plan 239265. See L880827.</li> </ul>
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0 U	<ol> <li>Easement to drain water applications. See L880827.</li> <li>Basement to drain water affecting the parts of the land above described shown in plan hereon as "Easement to Drain Water Variable Width" and "4'4'2" Wide" created by the registration</li> </ol>
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	of Deposited Plan 239265. See L880827. 14. Right of Carriageway appurtenant to the land above described created by the registration of Deposited Plan 239265. See L880827.
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 2. Mortgage No.K590504 of that part of the land above described formerly comprised in Certificate Discussion of Title Volume 10637 Folio 229 to Bank of New South Walcs Savings Bank Limited. Entered 3-4 1967. Mortgage No. K622252 of that part of the land above described formerly comprised in Certificate of Title Volume 772 Folio 148 to United Starr-Bowkatt Co-operative Building Society No.11 Limited.
 Entered 20 14977 Discuss (168 715.
 Mortgage No. K761817 of that part of the land above described formerly comprised in Certificate of OFFICE. Title Welune 4712 Folio 148 to The Mutual Life and Citizens Assurance Company Limited. Entered 2-11-1967. Oncharged 1.331501 5. No. K761818 Postponent of Mortgage whereby Kortgage No. K761817 is entitled to priority as if it had been registered before Mortgage No. K622252. Entered 2-11-1967. Osnakus 2.6845 Easements to Drain Water affecting the parts of the land above described shown in plan hereon as "Easement to drain water 6 feet wide", "Easement to drain water 10 feet wide" and "Easement to drain water variable width" created by the registration of Deposited Flan 234274. See K784636. Restriction as to user created by the registration of Deposited Plan 234274 affacting part. See K784636. . 7. Fasements to Drain Water affecting the parts of the land above described shown in plan hereon as 8. "Easement to Drain Water 4 feet wide" and "Easement to drain water variable width" created by the See 1130741. registration of Deposited Plan 530181. Jakon Registrar General NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED.

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Estate in Fee Simple in Lot 9 in Deposited Plan 234274 at Chatswood in the Municipality of Willoughby Parish of Willoughby and County of Cumberland being part of Fortion 136 granted to George Stubbs on 30-11-1837 and part of Portion 138 granted to William Albert Braylesford Greaves on 5-10-1853 and part of Portion 141 granted by Crown Grant Volume 278 Folio 135.

FIRST SCHEDULE (continued overleaf)

THE CHATSWOOD GOLF COMPANY LIMITED.

CAUTIONED AGAINST

PERSONS ARE

### SECOND SCHEDULE (continued overleaf)

OFFICE

- Reservations and conditions, if any, contained in the Grown Grants above referred to.
   Mortgage No.K590504 to Bank of New South Wales Savings Bank Limited. Entered 3-4-1967.
- Fasements to Drain Water affecting the parts of the land above described shown in plan hereon as "Easement to drain water 6 feet wide", "Easement to drain water 10 feet wide" and "Easement to drain water variable width" created by the registration of Deposited Plan 234274. See K784636. 3.
- Restriction as to user created by the registration of Deposited Plan 234274. See K784636.

Registrar General.

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Instrument         Instrument         Entrument		PARTICULARS pursuant to Section 888 Conveyand an of Deposited Plan S30181	SS REFTOR
Signature of Automation Andrew Concentration of Concentra		ing Act, 1919,	CHEDULE (continued)
		ENTERED	INATURE
		Signature of Registrar-General	NSTRUMENT
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	MATURE INSTRUMENT Martinen K sporey Martigenge L 2 0734 Martigenge L 57604 S605987 Nortrage Mor	Chatswood Golf Club Limited
	SCHEDULE OF ENCLI DATE PARTICULARS U. 1-1067 & Back July Of California T 10 1969 & Back July Law Law Makes U.114965 & Back J May Low Low Makes Hull Abo & Back J May Low Low Hello Hall Abo & Back J May Low Low Hello Hall Abo & Back J May Low Hello Hall Abo & H	SCHEDULE OF REGISTERED PROPRIETOR by Transfer S482734. Registered 2-6-1981. CANCELLED
		REGISTERED PROPRIETORS
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	Signature of Registrar General Jandothin Jandothin Jandothin	INSTRUMENT NUMBER
	Discharged Discharged	DATE
	CANCELLATION	ENTERED
	June 1	ENTERED Registrar Genard
	S605997~1	LS /SIC: T 10425-096 CT /Rev: 16-Dec-2010/SIB:OK.SC /Pgs



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This information is provided as a searching aid only. While every endeavour is made to ensure the current cadastral pattern is accurately reflected, the Registrar General cannot guarantee the information provided. For all ACTIVITY PRIOR to SEPT 2002 you must refer to the RGs Charting and Reference Maps.

Page 1 of 3

	Cadastral Re	Ref : eis - chatswood	
Land & Property	Requested Parcel : Lot	1 DP 1124646 Identi	fied Parcel : Lot 1 DP 1124646
Locality : CHATSWOOD	LGA : WILLOUGHBY	Parish : WILLOUGHBY	County : CUMBERLAND
	Status	Surv/Comp	Purpose
DP13204 Lot(s): 18, 19, 20			
🦳 DP1132661	REGISTERED	SURVEY	EASEMENT
DP221689 Lot(s): 1, 3			
🖳 DP1045006	REGISTERED	SURVEY	EASEMENT
DP752067 Lot(s): 163			
🖳 DP1193113	PRE-ALLOCATED	UNAVAILABLE	SUBDIVISION
🐙 CA145004 - LOT 163 🛛	N DP752067		
DP1032026 Lot(s): 2			
🖳 DP519667	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 1, 2	HISTORICAL	SURVEY	UNRESEARCHED
DP1092590 Lot(s): 1, 2			
🔰 🖳 DP9411	HISTORICAL	SURVEY	UNRESEARCHED
🖳 DP1045006	REGISTERED	SURVEY	EASEMENT
DP1124646 Lot(s): 1			
🐙 CA127719 - LOT 1 IN I	DP1124646		
DP1125099 Lot(s): 2			
🐙 CA128123 - LOT 2 DP	1125099		

**Cadastral Records Enquiry Report** 

Requested Parcel : Lot 1 DP 1124646

Ref : eis - chatswoodIdentified Parcel : Lot 1 DP 1124646

Locality : CHATSWOOD	LGA : WILLOUGHBY	Parish : WILLOUGHBY County : CUMBERLAND	
Plan	Surv/Comp	Purpose	
DP9411	SURVEY	UNRESEARCHED	
DP9985	SURVEY	UNRESEARCHED	
DP11854	SURVEY	UNRESEARCHED	
DP13204	SURVEY	UNRESEARCHED	
DP13618	SURVEY	UNRESEARCHED	
DP25864	SURVEY	UNRESEARCHED	
DP221689	SURVEY	SUBDIVISION	
DP224202	SURVEY	SUBDIVISION	
DP234274	SURVEY	SUBDIVISION	
DP234841	SURVEY	SUBDIVISION	
DP239265	SURVEY	SUBDIVISION	
DP253671	SURVEY	SUBDIVISION	
DP311771	SURVEY	UNRESEARCHED	
DP311772	SURVEY	UNRESEARCHED	
DP362303	SURVEY	UNRESEARCHED	
DP373839	COMPILATION	UNRESEARCHED	
DP379155	COMPILATION	UNRESEARCHED	
DP379775	COMPILATION	UNRESEARCHED	
DP388627	COMPILATION	UNRESEARCHED	
DP402347	COMPILATION	UNRESEARCHED	
DP416155	COMPILATION	UNRESEARCHED	
DP519667	SURVEY	SUBDIVISION	
DP524454	SURVEY	SUBDIVISION	
DP530181	SURVEY	SUBDIVISION	
DP576122	SURVEY	SUBDIVISION	
DP620788	COMPILATION	SUBDIVISION	
DP626634	COMPILATION	SUBDIVISION	
DP633255	SURVEY	SUBDIVISION	
DP651667	COMPILATION	DEPARTMENTAL	
DP752067	COMPILATION	CROWN ADMIN NO.	
DP1032026	SURVEY	SUBDIVISION	
DP1092590	SURVEY	SUBDIVISION	
DP1123914	COMPILATION	CROWN LAND CONVERSION	
DP1124646	COMPILATION	LIMITED FOLIO CREATION	
DP1125099	COMPILATION	LIMITED FOLIO CREATION	
DP1157827	COMPILATION	CROWN LAND CONVERSION	
DP1171023	COMPILATION	DEPARTMENTAL	
DP1190283	SURVEY	CONSOLIDATION	



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This information is provided as a searching aid only. While every endeavour is made to ensure the current cadastral pattern is accurately reflected, the Registrar General cannot guarantee the information provided. For all ACTIVITY PRIOR to SEPT 2002 you must refer to the RGs Charting and Reference Maps.

Page 1 of 3



Req:R149079 /Doc:DP 0651667 P /Rev:25-Nov-1993 /Sts:OK.OK /Pgs:ALL /Prt:02-Aug-2016 08:15 /Seq:1 of 1 Ref:als /Src:T



comprised in follo of the Register an Automated Torrens Title for the land unique identifier to enable the issue of Prepared : This plan has been created to provide a Volume 10425 5 Areas 1 Hectare (Ha) = 10,000 m2 1 Acre (A) Links 1/10 1 Metric Conversion Chart Rood (R) Perch (P) 100 -Feet Inches Metres ກ Ű 3/4 000 1/2 1/4 1 5 9 ω 4001 ŋ 23-11-1993 4047 m2 25.29 m2 Metres 0.0201 20.115 1012 m2 15.24 30.48 0.2012 0.3048 0.2794 0.2540 0.2286 0.0254 0.0508 0.0762 ŋ 0.2032 0.1778 0.1524 0.1270 0.1016 0.0190 0.0127 0.0064 Folio 96 NOOI DIB



Req:R149075 /Doc:DP 1124646 P /Rev:26-Mar-2008 /Sts:SC.OK /Pgs:ALL /Prt:02-Aug-2016 08:14 /Seq:1 of 1 Ref:als /Src:T



**Local Council Information**


Certificate No:	36673
Receipt No:	1661791
Issue date:	03-Aug-2016
Customer Ref:	M.DELANEY

Environmental Investigation Services PO Box 976 NORTH RYDE BC NSW 1670

Property Location:	Beaconsfield Road, CHATSWOOD NSW 2067
Legal Description:	LOT 1 DP 1124646

#### Disclaimer

- 1. The information provided in this certificate has been obtained from Council's records. The Council advises that:
  - (a) other authorities may hold information in respect of the property not contained in the Council's records; and
  - (b) the Council's records themselves may not be complete or accurate in respect of the property.
- 2. The instrument(s) referred to in this certificate may contain other important information in respect to the property. In order to understand the effects of the instrument(s) on the property, the Council advises that the whole of each instrument(s) should be read and considered. This certificate cannot be used as a substitute for reading the whole of the instrument(s) referred to in the certificate.
- 3. It may be appropriate or necessary to obtain legal or other expert advice in respect of the matters contained in the certificate or the instruments referred to in the certificate.
- 4. The Council cannot and will not accept any liability in respect of any error, inaccuracy, or omission in this certificate.

### Debra Just GENERAL MANAGER

(Computer printed copy - No signature required)

Willoughby City Council 31 Victor Street Chatswood NSW 2067 PO Box 57 Chatswood NSW 2057 www.willoughby.nsw.gov.au 
 Phone 02 9777 1000 Fax 02 9777 1038
 Page 1 of 9

 Email email@willoughby.nsw.gov.au
 ABN 47 974 826 099

WILLOUGHBY CITY COUNCIL

Certificate No:	36673
Receipt No:	1661791
Issue date:	03-Aug-2016
Customer Ref:	M.DELANEY

#### 1. RELEVANT PLANNING INSTRUMENTS AND DEVELOPMENT CONTROL PLANS

#### (1) Environmental Planning Instruments

As at the date of this certificate the above mentioned land is affected by the following environmental planning instruments:

Willoughby Local Environmental Plan 2012

State Environmental Planning Policy No. 19 - Bushland in Urban Areas State Environmental Planning Policy No. 21 - Caravan Parks State Environmental Planning Policy No. 30 - Intensive Agriculture State Environmental Planning Policy No. 32 - Urban Consolidation (Redevelopment of Urban Land) State Environmental Planning Policy No. 33 - Hazardous and Offensive Development State Environmental Planning Policy No. 50 - Canal Estate Development State Environmental Planning Policy No. 55 - Remediation of Land State Environmental Planning Policy No. 62 – Sustainable Aquaculture State Environmental Planning Policy No. 64 - Advertising and Signage State Environmental Planning Policy No. 65 - Design Quality of Residential Flat Development State Environmental Planning Policy No. 70 - Affordable Housing (Revised Schemes) State Environmental Planning Policy (Major Development) 2005 State Environmental Planning Policy (Infrastructure) 2007 State Environmental Planning Policy (Miscellaneous Consent Provisions) 2007 State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007 State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 State Environmental Planning Policy (Affordable Rental Housing) 2009 State Environmental Planning Policy (State and Regional Development) 2011 State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004 Sydney Regional Environmental Plan (Sydney Harbour Catchment) 2005

#### (2) Proposed Environmental Planning Instruments

As at the date of this certificate the above mentioned land is affected by the following proposed environmental planning instruments:

Draft Standard Instrument (Local Environmental Plans) Amendment Order 2015

Draft State Environmental Planning Policy (Exempt and Complying Development Codes) Amendment (Miscellaneous and Affordable Housing) 2015

Draft State Environmental Planning Policy (Exempt and Complying Development Codes) Amendment (Housing Code) 2016

WILLOUGHBY	Certificate No:	36673
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	Issue date:	03-Aug-2016
	Customer Ref:	M.DELANEY

Planning Proposal 2014\_WILLO\_005\_00

#### (3) Development Control Plans

As at the date of this certificate the above mentioned land is affected by the following development control plans:

Development Control Plan 2005 - Sydney Foreshore and Waterways Area

The plan applies to all development proposals within the foreshores and waterways area identified in SREP (Sydney Harbour Catchment) 2005 - (Refer to the Foreshores and Waterways Area Map).

Willoughby Development Control Plan

#### 2. ZONING AND LAND USE

(a) Zone Identity

#### **RE2 Private Recreation**

#### (b), (c), (d) (Development)

#### Zone RE2 Private Recreation – under Willoughby Local Environmental Plan 2012

Objectives of zone

- To enable land to be used for private open space or recreational purposes.
- To provide a range of recreational settings and activities and compatible land uses.
- To protect and enhance the natural environment for recreational purposes.
- To minimise the potential for adverse effects from new development on the amenity of the locality.

#### Permitted without consent

Nil

#### Permitted with consent

Child care centres; Community facilities; Environmental facilities; Environmental protection works; Kiosks; Recreation areas; Recreation facilities (indoor); Recreation facilities (outdoor); Registered clubs; Respite day care centres; Roads.

#### Prohibited

Any development not specified in item 2 or 3.

NOTE: You are advised that in addition to the matters set out above, the instrument may make further provisions with respect to the purposes for which development may be carried out on the land without consent and with

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CITY COUNCIL	Receipt No:	1661791
	Issue date:	03-Aug-2016
	Customer Ref:	M.DELANEY

consent and the purposes for which development of the land is prohibited. Applicants are advised that they should read the whole of the instrument(s) in order to determine whether that instrument prohibits, restricts or otherwise relates to the development of the land.

# (e) Development Standards applying to the land fixing minimum dimensions for the erection of a dwelling house?

No

(f) Critical Habitat

--

(g) Conservation Area

\_\_\_

(h) Heritage Item

\_ \_

#### 3. COMPLYING DEVELOPMENT

NOTE: This certificate only addresses matters raised in Clauses 1.17A (1) (c) to (e), (2), (3) and (4), 1.18 (1) (c3) and 1.19 of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008. It is your responsibility to ensure that the development is permissible with consent in the land use zone and that you comply with any other requirements of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 including Clauses 1.18 and 1.20 of that Policy, the Complying Development Codes in Parts 3 to 8 of that Policy, and the Willoughby Local Environmental Plan 2012. Failure to comply with these provisions may mean that a Complying Development Certificate issued under the provisions of the State Environmental Planning Policy (Exempt and Complying Development Certificate issued under the provisions of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 is invalid.

#### (a) General Housing Code and Rural Housing Code

The land is land on which complying development may be carried out under these Codes.

#### (b) Housing Alterations Code and General Development Code

The land is land on which complying development may be carried out under these Codes.

#### (c) Commercial and Industrial Alterations Code

The land is land on which complying development may be carried out under this Code.

WILLOUGHBY CITY COUNCIL Certificate No:36673Receipt No:1661791Issue date:03-Aug-2016Customer Ref:M.DELANEY

#### (d) Commercial and Industrial (New Buildings and Additions) Code

The land is land on which complying development may be carried out under this Code.

#### (e) Subdivisions Code

The land is land on which complying development may be carried out under this Code.

#### (f) Demolition Code

The land is land on which complying development may be carried out under this Code.

#### (g) Fire Safety Code

The land is land on which complying development may be carried out under this Code.

#### 4. COASTAL PROTECTION

The land is not affected by Section 38 or 39 of the Coastal Protection Act 1979, (as advised by the Department of Public Works).

#### 4A. CERTAIN INFORMATION RELATING TO BEACHES AND COASTS

- (1) --
- (2) --
- (3) --

4B. ANNUAL CHARGES UNDER LOCAL GOVERNMENT ACT 1993 FOR COASTAL PROTECTION SERVICES THAT RELATE TO EXISTING COASTAL PROTECTION WORKS.

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#### 5. MINE SUBSIDENCE

The land is not within a proclaimed mine subsidence district under Section 15 of the Mine Subsidence Compensation Act, 1961.

WILLOUGHBY CITY COUNCIL Certificate No:36673Receipt No:1661791Issue date:03-Aug-2016Customer Ref:M.DELANEY

#### 6. ROAD WIDENING AND REALIGNMENT

The land is not affected by road widening or road realignment under:-

1) Division 2 of Part 3 of the Roads Act 1993; or

2) An Environmental Planning Instrument; or

3) A resolution of Council.

#### 7. COUNCIL AND OTHER PUBLIC AUTHORITY POLICIES ON HAZARD RISK

The land is affected by a Council policy that may restrict the development of the land because of the likelihood of bushfire.

The land is not affected by a policy adopted by any other public authority and notified to the Council for the express purpose of its adoption by that authority being referred to in planning certificates issued by the Council, that restricts the development of the land because of the likelihood of land slip, bushfire, tidal inundation, subsidence, acid sulphate soils or any other risk (other than flooding).

It is the Council's policy to consider previous land uses to determine whether land may be affected by contamination which restricts or prohibits the carrying out of development on the land. Depending on the previous uses of the land, the applicant may be required to investigate possible site contamination and/or carry out remediation as part of any proposed development and the development potential of the site may be restricted or prohibited. This is assessed by the Council on a case-by-case basis.

The Council will have regard to Clause 6.1 Acid Sulfate Soils of Willoughby Local Environmental Plan 2012 and the Acid Sulfate Soils Map in assessing any development applications relating to the land.

#### 7A. FLOOD RELATED DEVELOPMENT CONTROLS INFORMATION

- (1) Development on that land or part of the land for the purposes of dwelling houses, dual occupancies, multi-dwelling housing or residential flat buildings (not including development for the purposes of group homes or seniors housing) is subject to flood related development controls
- (2) Development on that land or part of the land for any other purpose is subject to flood related development controls

NB. This response does not imply that development for particular purposes is permissible on the land. Development is permissible in accordance with the zoning and landuse as set out in Question 2. ZONING AND LANDUSE of this Certificate

Council has adopted the 1% flood event as the standard for flood planning for both residential and non-residential uses. These standards can be found in the Willoughby Development Control Plan.

WILLOUGHBY CITY COUNCIL

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Customer Ref:	M.DELANEY

Council ascertains the 1% flood event by reference to the maps outlined in the Overland Flooding Investigation and relevant flood studies which are available for inspection at Council's offices during business hours and from Council's web site.

#### 8. LAND RESERVED FOR ACQUISITION

The land is not affected by any environmental planning instrument, deemed environmental planning instrument or draft environmental planning instruments which provides for the acquisition of the land by a public authority, as referred to in section 27 of the Act.

#### 9. CONTRIBUTION PLANS

Willoughby City Section 94A Development Contributions Plan 2011

#### 9A. BIODIVERSITY CERTIFIED LAND

--

#### 10. BIOBANKING AGREEMENTS

\_ \_

#### 11. BUSH FIRE PRONE LAND

The land has been identified as bush fire prone under the Rural Fires and Environmental Assessment Legislation Amendment Act 2002.

#### 12. PROPERTY VEGETATION PLANS

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#### 13. ORDERS UNDER TREES (DISPUTES BETWEEN NEIGHBOURS) ACT 2006

\_ \_

#### 14. DIRECTIONS UNDER PART 3A

--

15. SITE COMPATIBILITY CERTIFICATES AND CONDITIONS AFFECTING SENIORS HOUSING

--

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CITY COUNCIL	Receipt No:	1661791
	Issue date:	03-Aug-2016
	Customer Ref:	M.DELANEY

#### 16. SITE COMPATIBILITY CERTIFICATES FOR INFRASTRUCTURE

- \_\_\_
- 17. SITE COMPATIBILITY CERTIFICATES AND CONDITIONS FOR AFFORDABLE RENTAL HOUSING
- --
- 18. PAPER SUBDIVISION INFORMATION
- --
- **19. SITE VERIFICATION CERTIFICATES**
- \_\_
- 20. LOOSE-FILL ASBESTOS INSULATION
- \_ \_

In addition to the information provided above, the following information is provided in respect of the abovementioned land.

--

#### NOTES:

Hand written or typed items appearing on this certificate at the time of issue are to be read as forming part of this certificate.

WILLOUGHBY CITY COUNCIL

Certificate No:	36673
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In accordance with Section 149(5) and subject to Section 149(6) of the Environmental Planning and Assessment Act 1979, the following additional information is provided in respect of the abovementioned land:

Under Clause 5.10 of Willoughby Local Environmental Plan 2012 the Council, before granting consent to development on land in the vicinity of a heritage item or a heritage conservation area, may require the assessment of the effect the proposed development has on the heritage significance of the heritage item or heritage conservation area concerned.

The land is subject to Clause 5.9 Preservation of trees or vegetation of Willoughby Local Environmental Plan 2012 and Part C.9 Preservation of trees or vegetation of Willoughby Development Control Plan. Further information on the preservation of trees and vegetation can be obtained from Council and on Council's website.

Council is unaware of whether the current use is in accordance with an approval which may have been issued. You are advised to rely on your own enquiries.

Registers of Planning Consents and Subdivision Approvals may be inspected at the Council offices for particulars relating to Development Consents / Subdivision Approvals which may have been issued for use or development of the land.

Council has not received notification from the Heritage Council of New South Wales that the property is subject to a Conservation Order or notice under the Heritage Act, 1977.



WorkCover Information



### 1 7 AUG 2016

SafeWork NSW

92-100 Donnison Street, Gosford, NSW, 2250 Locked Bag 2906, Lisarow, NSW, 2252 | Customer Service Centre **13 10 50** licensing@safework.nsw.gov.au

Our Ref: D16/652458 Your Ref: Mitch Delaney

10 August 2016

Attention: Mitch Delaney Environmental Investigation Services PO BOX 976 North Ryde BC NSW 1670

Dear Mr Delaney,

#### **RE SITE: Beaconsfield Rd Chatswood West NSW**

I refer to your site search request received by SafeWork NSW on 5 August 2016 requesting information on Storage of Hazardous Chemicals for the above site.

Enclosed are copies of the documents that SafeWork NSW holds on record number 35/027816 relating to the storage of Hazardous Chemicals at the above-mentioned premises.

For further information or if you have any questions, please call our Customer Service Centre on 13 10 50 or email licensing@safework.nsw.gov.au

Yours sincerely,

Brent Jones Customer Service Officer Customer Service Centre - Operations SafeWork NSW

Licence No. 35/027816 **APPLICATION FOR RENEWAL** OF LICENCE TO KEEP DANGEROUS GOODS. ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER DECLARATION: Please renew licence number 35/027816 to 16/06/2005 . I confirm that all the licence details shown below are correct (amend if necessary). AND. Date signed) (Please print name) (Signature) for: CHATSWOOD GOLF CLUB LTD THIS SIGNED DECLARATION SHOULD BE RETURNED TO: WorkCover New South Wales Enquiries:ph (02) 43215500 **Dangerous Goods Licensing Section** fax (02) 92875500 LOCKED BAG 2906 **LISAROW NSW 2252** Details of licence on 29 April 2004 Expiry Date 16/06/2004 Licence Number 35/027816 Licensee CHATSWOOD GOLF CLUB LTD ACN 000 990 616 Postal Address: P O BOX 413 ARTARMON NSW 2064 9428 525 DAVID Licensee Contact ROB MCLEAN Ph. 9419 2336 Fax. 9419 5785 **Premises Licensed to Keep Dangerous Goods** CHATSWOOD GOLF CLUB LTD MOONEY ST LANE COVE 2066 Nature of Site CREATIVE ARTS STRALIA SHE Major Supplier of Dangerous Goods AUSTRALIAN (AMPOL) Emergency Contact for this Site DAVID TOON Ph. 0418 467635 Site staffing 3HRS 5DAYS **Details of Depots Goods Stored in Depot** Qty Depot No. Depot Type 1 **ROOFED STORE** Class 3 1200 L 840 L **UN 1203 PETROL** 2A **EXEMPT - STORAGE AREA** Class 6.1 15 L UN 3016 BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC 15 L 63 L 2**B ROOFED STORE** Class 3 UN 1993 FLAMMABLE LIQUID, , N.O.S. 25 L UN 2903 PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S. 141 UN 3017 ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FL 24 L 2C **EXEMPT - STORAGE AREA** Class 4.3 10 KG

X

⋇









WorkCover New South Wol

400 Kent Street, Sydney 2000. Telephone 9370 5000. ALL MAIL TO LOCKED BAG. 10, CLARENCE STREET SYDNEY 2000.

WORKCOVER NEW SOUTH WALES

## APPLICATION FOR RENEWAL

OF LICENCE TO KEEP DANGEROUS GOODS

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER

DECLARATION: Please renew licence number 35/027816 to 1999. I confirm that all the licence details shown below are correct (amend if necessary).

(Signature) (Please print name)

for: CHATSWOOD GOLF CLUB LTD

THIS **SIGNED** DECLARATION SHOULD BE **RETURNED TO**:

WorkCover New South Wales Dangerous Goods Licensing Section (Level 3) Locked Bag 10 P O CLARENCE STREET 2000

Details of licence on 23 April 1998

Licence Number 35/027816 Expiry Date 18/06/98

Licensee CHATSWOOD GOLF CLUB LTD ACN 000 990 616

Postal Address BOX 413 P O, ARTARMON 2004 Licensee Contact Paul Daly Ph. 9419 2336 Fax. 9419 5785 Premises Licensed to Keep Dangerous Goods MOONEY ST LANE COVE 2066

Nature of Site LICENSED GOLF CLUBS Major Supplier of Dangerous Goods AUSTRALIAN (Ampol)

Emergency Contact for this Site David Toon ph. 0418 467635

Site staffing 8hrs 6days

#### **Details of Depots** Depot No. **Depot Type Goods Stored in Depot** Qty 1200 L 1 **ROOFED STORE** Class 3 UN 1203 PETROL 840 L 15 L 2A Exempt - Storage area Class 6.1 UN 3016 BIPYRIDILIUM PESTICIDE 15 L **ROOFED STORE** 63 L 2B Class 3 UN 2903 PESTICIDES, LIQUID, TO 14 L UN 3017 ORGANOPHOSPHORUS PESTI 24 L UN 1993 FLAMMABLE LIQUID, N.O. 25 L 2C Class 4.3 10 kg Exempt - Storage area UN 2968 MANEB, STABILIZED or M 10 kg

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(Date signed)

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PART B

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