

MORAN CORPORATION PTY LTD

STAGE 1 ENVIRONMENTAL SITE ASSESSMENT

84-86 KIORA ROAD, MIRANDA, NSW



Environmental Investigations

Report No. E1351.1 AD

25th April, 2011







REPORT DISTRIBUTION

STAGE 1 ENVIRONMENTAL SITE ASSESSMENT 84-86 KIORA ROAD, MIRANDA, NSW

EI Report No. E1351.1 AD
Date: 25th April, 2011

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1.0 INTRODUCTION

Environmental Investigations (EI) was engaged by Mr Rusty Moran on behalf of Moran Corporation Pty Limited to conduct a Stage 1 Environmental Site Assessment (ESA1) for a property located at 84-86 Kiora Road, Miranda, NSW (henceforth referred to as 'the site'), within the local government authority of Sutherland Shire Council, as shown in the site locality plan, Figure 1.

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The site is also identified as Lot C in DP 415413 and situated within the local government authority of Sutherland Shire Council, Parish of Sutherland and the County of Cumberland (Ref. Figure 1).

At the time of this investigation the site was occupied by a two storey rendered and brick building with tile and metal roof and an adjacent asphalt paved car park located towards the rear.

The purpose of this ESA1 was to evaluate the potential for site contamination resulting from previous land uses, as part of a development application for a dental hospital as required by the NSW Department of Planning.

This report documents the findings of a detailed site walkover inspection and a desk study involving a review of site history and includes a discussion of any potential areas of environmental concern.

The work reported herein followed standard environmental procedures generally in accordance with the *Guidelines on Data Collection, Sample Design and Reporting* published by the National Environmental Protection Council (NEPC) in 1999, and the *Guidelines for Consultants Reporting on Contaminated Sites*, published by the NSW Environment Protection Authority (EPA) in 1997.



2.0 PROJECT OBJECTIVES AND SCOPE OF WORKS

The objective of this assessment was to appraise the site for potential contamination resulting from past land uses. In keeping the project cost-effective and defensible for relevant authorities' requirements, the following scope of works was conducted:

- a detailed site walkover inspection;
- a review of land use changes on-site and within surrounding areas by detailed analysis of historical aerial photographs archived at the NSW Department of Lands;
- a review of previous site ownership through the NSW Land Titles Office;
- a search through the NSW EPA/DECC Land Information records to confirm that there are no statutory notices current on any parts of the site under the Contaminated Land Management Act 1997;
- a search of historical Sutherland Shire Council records pertaining to previous site use; and
- data interpretation and reporting.

3.0 SITE DESCRIPTION

3.1 PROPERTY IDENTIFICATION, PHYSICAL SETTING AND LOCAL LAND USE

With the street address of 84-86 Kiora Street, Miranda, NSW the site is further identified as Lot C in DP415413. The lot falls within the local government authority of Sutherland Shire Council, Parish of Sutherland and the County of Cumberland.

According to the Sutherland Shire Local Environmental Plan (LEP) 2006, the site zoning is *Zone 8 - Urban Centre*.

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At the time of this investigation the site was found to be occupied by a two storey rendered and brick building with tile and metal roof covering approximately 50% of the whole site footprint with the remaining being used by an adjacent asphalt paved car park located towards the rear.

The site is a rectangular shaped block of land with an approximate area of 490.5m². It is situated on the south eastern corner of Kiora Road & Urunga Parade with Urunga Lane delineating the eastern site boundary (*Ref.* Figure 1). It was marked to the south by an old two storey brick commercial/residential building with a gravelly sand paved rear yard, to the west (across Kiora Road) and to the north (across Urunga Parade) by a four storey concrete panels & glass curtain walls (Westfield Shopping Center - Miranda) and to the east by a two storey pebble-crete & brick commercial building.

Reference to the *Port Hacking 1:25,000 Topographic and Orthophoto Map* (9129-3S, 3RD Edition, NSW Land Information Centre, 2002) indicates that the site lies at an elevation of about 40m above Australian Height Datum (AHD), which was found to be consistent with the client's site survey plan provided.

The site is situated in undulating terrain, sloping down to the south-east, approximately 4%. The nearest surface water feature is Gymea Bay, located approximately 1.5km south of the site. Gymea Bay drains into Port Hacking and ultimately into Tasman Sea.

3.2 REGIONAL HYDROGEOLOGICAL CONDITIONS

Information on regional sub-surface conditions, referenced from the Department of Mineral Resources geological map *Wollongong – Port Hacking 1:100,000 Geological Series Sheet 9029-9129* (DMR, 1985), indicated that the site overlies Hawkesbury Sandstone of the Wianamatta Group (*Rh*). Hawkesbury Sandstone is characterised by medium to coarse-grained quartz sandstone, very minor shale and laminite lenses.

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Investigations
Contamination Assessment
Management & Geotechnical

Fractured bedrock also forms the aquifer system for the region, giving rise to deeper groundwater conditions, which are expected to be greater than 5m Below Ground Level (BGL). Bedrock materials are known to be overlain by natural, residual, firm clay soils, which due to characteristically low hydraulic conductivities, typically restrict downward infiltration into the deeper groundwater system.

The Soil Conservation Service of NSW Soil Landscapes of the Wollongong – Port Hacking 1:100,000 Sheet (Hazelton, P.A., Bunnerman, S.M., and Tallie P.J. 1990), indicated that the site overlies an Erosional Landscape - Gymea (gy). According to Chapman and Murphy, this landscape type includes undulating to rolling rises and low hills on Hawkesbury Sandstone. Land use is mostly urban residential.

Local relief is 20-80m with slopes of 10-25%. Broad convex crests, moderately inclined side slopes with wide benches, localised rock outcrop on low broken scarps, extensively cleared open-forest (dry sclerophyll forest) and eucalypt woodland are further features of this landscape.

Soils are identified as shallow to moderately deep (30-100cm), yellow earths and earthy sands on crests and inside benches; shallow (<20cm) siliceous sands on leading edges of benches; localised gleyed podzolic soils and yellow podzolic soils on shale lenses; shallow to moderately deep (<100cm) siliceous sands and leached sands along drainage lines.

Limitations of this landscape are localised steep slopes, high soil erosion hazard, rock outcrop, shallow highly permeable soil and very low soil fertility.

With an approximate slope at the site of 1:25 falling to the south-east, runoff from the site is expected to follow the local surface topography and flow from the higher areas close to the Urunga Lane at the eastern parts of the site to Kiora Road.



3.3 LOCAL GROUNDWATER USAGE

An online search was conducted by EI during April, 2011 using the NSW Natural Resource Atlas (NRAtlas), which is the water bore database accessed through the *NSW Government WaterInfo* website (*Ref.* http://waterinfo.nsw.gov.au/gw/). This search revealed 6 registered groundwater bores within a 2 km radius of the site, which is reviewed and summarized in Table 1. Copies of the detailed bore work sheets are presented for these bores in Appendix A.

Table 1. Summary of registered groundwater bores within 1 km of the site

	Drilled Date /	SWL	Bore Purpose		Salinity	Yield
Bore No.	Depth (mBGL)		Authorised Use	Intended Use	(-)	(L/s)
GW020543	1960 / 40.80	-	Waste disposal	Waste disposal	-	-
GW103241	1995 / 8.70	7.80	Monitoring bore	Monitoring bore	-	-
GW108344	2004 / 120.00	-	Test bore	Test bore	2,047.0	0.05
GW110979	2010 / 5.00	-	Monitoring bore	Monitoring bore	-	-
GW110980	2010 / 5.00	-	Monitoring bore	Monitoring bore	-	-
GW110981	2010 / 5.00	2.20	Monitoring bore	Monitoring bore	-	-

Notes: BGL = Below Ground Level, SWL = Standing Water Level, - = information not recorded

While none of these bores were registered as being used for domestic or industrial water supply purposes; 4 bores were recorded as groundwater monitoring bores, 1 as test bores and 1 as waste disposal. Groundwater salinity of 2,047 (units were not provided), was noted within one of the registered bores (Bore Nos. GW108344) located approximately 500m of the Gymea Bay, indicating potential for brackish water.

Despite of the bore density in the local area, most of the bores were designated for monitoring purposes, which may indicate that regional groundwater quality is too saline for water supply purposes. Furthermore, no evidence was found in the database to indicate that groundwater is being used for drinking/industrial purposes in this area as well as no additional information related to the registered bore used for waste disposal purposes.



4.0 SITE CONTAMINATION APPRAISAL

4.1 HISTORICAL AERIAL PHOTOGRAPHY REVIEW

The site history review included a search of SLIC-sourced historical aerial photographs. A list of the inspected photographs is given below.

- 1. May 1951, Port Hacking Run 22, Map 471-101
- 2. 3 October 1965, Sydney (Cumberland) Run 27, NSW 1412-5092
- 3. 8 October 1984, Wollongong Run 3, NSW 3410-100 (M1623)
- 4. 4 January 1994, Port Hacking Run 2, 38-46, NSW 4178
- 5. 13 January 2002, Port Hacking Run 01, 239-251, NSW 4594 (M2300)

Copies of the aerial photographs are kept in the offices of EI and are available for examination upon request.

1951

The 1951 aerial photograph revealed the site to be developed as a residential with what appears to be a dwelling located on the corner of Kiora Road and Urunga Parade. The dwelling seems to be situated on the eastern side of the site with backyard area fronting the corner of two streets. No evident or apparent industrial activity could be attributed to any segments of the site based on the resolution and quality of the photograph. Land uses on neighbouring properties appeared also to be residential or commercial in nature. Across Kiora Road a large block of land appears vastly vacant with some residential dwellings situated along the road boundary. A block of land across Urunga Parade is almost completely developed and residential and commercial dwellings. Railway line was already present running approx 25 meters away from the southern boundary of the site.

1965

The most evident change noted within the site was the erection of the new building (consistent in size and shape with the current), covering approximately the entire western side of the site adjoining both Kiora Rd. and Urunga Pde. Previous dwelling situated on





the eastern side of the site was found to be entirely demolished. Property adjoining the site along the south boundary was noted to have undergone a similar development with former dwelling situated in the eastern part of the site being demolished giving way to a new building facing Kiora Rd. A block of land across Kiora Road has undergone radical change since 1951, almost the entire footprint of the block appears to be under the development for the urban commercial centre and its relevant uses. A minor increase in density of development in the form of some new buildings is noted on the block across Urunga Parade. Overall land use at the site and on most surrounding and nearby premises remained a mixture of commercial and residential.

1984

In the 1984 aerial photograph the site appeared to remain occupied by the same structures as previously identified with relatively minor changes. One notable change is an addition of a car park paved area (consistent with the current car park area) at the eastern end of the site. An increase in density of development can be observed in the areas surrounding the site, most notably on the block north of the site across Urunga Pde., with an addition of a large car park paved area. The block to the west across Kiara Rd. is now a functional urban commercial centre with a number of commercial/residential buildings situated along Kiara Rd. In general the surrounding site area appears to have minor changes and is consistent with the 1965 aerial photograph.

1994

In the 1994 aerial photograph the site appeared to remain occupied by the same building and car park as previously identified, with relatively minor changes. The development of Miranda Westfield Commercial Centre had significantly progressed since 1984 - all of the former buildings along the Urunga Pde., north of the site, as well as above mentioned large car park area and most of the buildings along Kiora Rd., on the block west of the site, being demolished and all are now part of the Miranda Westfield footprint. No other changes were noted on the site or the surrounding areas.





2002

Additional minor developments surrounding the site were observed in the 2002 aerial photograph, however, the visible features of the site remained unchanged since 1994. Dwelling immediately South of the site remained mostly unchanged since 1965.

In summary, the site appears to have been in use for commercial/residential purposes since at least 1950s and has being occupied by the same building and car park, with no major structural additions/construction taking place since 1965. The surrounding land has continuously being developed and the land use has being ever expanding since at least 1950's, while maintaining its use for predominantly commercial and residential purposes.

4.2 COUNCIL RECORDS SEARCH

Access to site history records held by Sutherland Shire Council was requested on the 23rd March, 2011; however, due to lack of data availability within the project time-frame, such a search could not be conducted in time for this report.

Should any past activities be identified during a future inspection of Council records to suggest the potential for contamination then a formal written notification to this effect will be submitted under a separate cover.

4.3 HAZARDOUS CHEMICALS AND REGULATORY COMPLIANCE

An on-line search of the *Contaminated Land – Record of EPA Notices* was conducted, this being a database that is maintained by the Department of Environment and Climate Change (DECC) NSW. This search confirmed that the DECC NSW has no current involvement, or regulation, under Section 58 of the *Contaminated Land Management Act* 1997 for a property locate at 84-86 Kiora Road, Miranda, NSW (Ref. Appendix B). Section 58 of the *CLM Act* 1997 relates to the investigation, remediation and management of sites where contamination poses a significant risk of harm, and includes Sections 35 and 36 of the *Environmentally Hazardous Chemicals Act* 1985.



4.4 LAND TITLES INFORMATION

A historical land titles search was conducted through Service First Registration Pty Ltd (Legal Searchers). The detailed results of the search are presented in the *Land Titles Information Extracts* presented in Appendix C, which showed in summary that these lots were previously owned in the names of:

Date of Acquisition	Registered Proprietor(s) &	Reference to Title at Acquisition
and term held	Occupations where available	and sale
21.09.1916	John Gibbs	Vol 2700 Fol 40
(1916 to 1927)	(Gentleman)	V01 2700 F01 40
29.08.1927	William Arthur Morrison	Vol 2700 Fol 40 now Vol 4051
(1927 to 1938)	(Retired Engineer)	Fol 89
15.06.1938	Herbert Graham Morrison	Vol 4051 Fol 89
(1938 to 1946)	(Gentleman)	V01 4031 F01 89
08.02.1946	Edwin Mark Telgate	Vol 4051 Fol 89
(1946 to 1949)	(Electrical Mechanic)	V01 4031 F01 89
23.09.1949	John Dawson Kirkwood	Vol 4051 Fol 89
(1949 to 1960)	(Horticulturist)	V01 4031 F01 89
21.01.1960	Andrew Clement Kirkwood (Clerk)	Vol 4051 Fol 89 now Vol 7889
(1960 to 1968)	(Section 94 Application not	Fol 131
(1700 to 1700)	investigated)	101131
12.03.1968	James Frederick Kirkwood	Vol 7889 Fol 131 now Vol 11294
(1968 to 1978)	(Butcher)	Fol 121
09.01.1978	Evalum Enterprises Dtv Limited	Vol 11294 Fol 121 now C/415413
(1978 to 2009)	Evelyn Enterprises Pty Limited	VOI 11294 FOI 121 HOW C/413413
24.11.2009	# Comserv (No. 462) Pty Limited	C/415413
(2009 to date)	# Comserv (No. 402) Fty Limited	C/413413

Denotes Current Registered Proprietor

Easements: - NIL

Leases: -

01.10.1954. To Sydney Cash and Carry Pty Limited. Expired 05.08.1959

23.08.1958. To Graham Charles Britt, Dental Surgeon (1st Floor). Expired 11.05.1971

In summary, it appears that the site was used as residential up to 1946, after which further commercial activities may has been established on the site.

4.5 SITE WALKOVER INSPECTION

Mr Vagner Jorden (EI, Principal Environmental Engineer) made the following observations during an inspection of the site on 20th April, 2011:



- 1. The site was found to be a rectangular shaped block of land, situated within a mixed residential and commercial area, occupying approximately 490.5m². It is situated on the south eastern corner of Kiora Road & Urunga Parade with Urunga Lane delineating the eastern site boundary (*Ref.* Figure 1). It was marked to the south by an old two storey brick commercial/residential building with a gravelly sand paved rear yard, four storey concrete panels & glass curtain walls (Westfield Shopping Center Miranda) to the west (across Kiora Road) and to the north (across Urunga Parade) and a two storey pebble-crete & brick commercial building to the east.
- 2. At the time of this investigation the site was found to be occupied by a two storey rendered and brick building with tile and metal roof covering approximately 50% of the whole site footprint with its remain occupied by an adjacent asphalt paved car park towards the rear. The existing building was cut in about 1m below the level of the rear carpark.
- 3. During the site inspection the building was found to be tenanted. While a bottle shop "Liquor Bank" was occupying the whole ground level of the building a local tax agent office "H&R Block" and a family Heath Care "Miranda Health Centre" on the second floor as well. The asphalt paved rear section of the site was found to be used as car park for patrons and the business associated personal with a number of vehicles found parked in this area.
- **4.** Based on a brief inspection the concrete slab underlying the existing building appears to be in reasonably good condition with minor cracks and signs of erosion, however the asphalt paved area at the rear was found to be in poor condition with some potholes.
- 5. During inspection of the existing building it was also noted that some sections of the existing seeling of upper floor level as well as the external awing partially covering the footpath along Kiora Road and Urunga Parade to be made of <u>fibro cement sheeting</u> (FCS), which was likely to contain asbestos. Furthermore, flake painting found on the



old windows on the upper level, giving its age, may also be associated with lead related pegments.

4.6 AREAS AND CONTAMINANTS OF ENVIRONMENTAL CONCERN

On the basis of site history information collected during the assessment, staff interviews and the site walkover inspection a number of potential Areas of Environmental Concern (AEC) and Contaminants of Concern were identified as summarised in Table 2.

4.6.1 Hazardous Materials

It should be noted that a Hazardous Materials Audit (HMA) was not part of the scope of this assessment, and should be carried out if required prior to site demolition. A HMA should ensure that hazardous materials that may have been used within the structural components of all buildings are adequately addressed to protect site personnel from risk of exposure.

Table 2. Summary of Potential Areas and Chemicals of Environmental Concern

Potential AECs	Potentially contaminating activity	Contaminants of Concern			
Rear of the site currently used as carpark with filling materials of unknown origin, used for site levelling	Leakage or ground surface spillage.	Total Petroleum Hydrocarbons (TPHs), Heavy Metals, Monocyclic Aromatics (BTEX), Polycyclic Aromatic Hydrocarbons (PAHs) and Phenolic compounds			
Buildings incorporating asbestos and lead paint-containing materials	Mobilization of asbestos fibres during building maintenance or demolition	Respirable Asbestos fibres, lead paint			
Filling materials of unknown origin, which may have been used underneath existing building	Potentially contaminated filling previously imported onto the site	Heavy Metals, TPH, BTEX, PAHs, Polychlorinated Biphenyls (PCBs), Organochlorine Pesticides (OCPs); organophosphate pesticides (OPPs) and asbestos			



5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the review of historical information for the site, the predominant land use has been commercial in nature since at least 1946's. In view of the historical activities, on-site areas of environmental concern (AECs) may be subject to soil and/or groundwater contamination.

In view of the findings of this Stage 1 ESA, a field based investigation comprising of a Stage 2 Environmental Site Assessment is recommended focusing on soil sampling from the identified AECs. It is recommended that such an assessment be conducted prior to the commencement of any future site redevelopment, and should include laboratory analysis of site fill and natural soils for the following chemicals of concern:

- heavy metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel and zinc);
- total petroleum hydrocarbons (TPHs);
- the monoaromatic hydrocarbons benzene, toluene, ethyl-benzene and xylenes (BTEX);
- polycyclic aromatic hydrocarbons (PAHs);
- phenolic compounds;
- organochlorine pesticides (OCPs);
- polychlorinated biphenyls (PCBs);
- organophosphate pesticides (OPPs); and
- asbestos.

This list includes standard parameters recommended under the EPA (1994) *Table 1 Minimum Soil Sampling Protocol* for imported fill, and is consistent with the DEC (2006) *Guidelines for the NSW Site Auditor Scheme*. The results of such testing should be interpreted in relation to the soil criteria appropriate for the intended land use.

Should site soils require excavation and disposal from the site, then these soils should be classified in accordance with the DECC (2009) Waste Classification Guidelines and





disposed to an approved landfill facility. Any soils to be imported onto the site for the purpose of back-filling excavated areas will also require validation testing following the EPA (1995) Sampling Design Guidelines to confirm their suitability for the proposed land use.

Furthermore, it is also recommended, that a Hazardous Materials Assessment (HMA) be carried-out prior to site demolition by a qualified practitioner, to assess the presence of structural and residual building materials that may be of environmental concern. An HMA is necessary so that appropriate and safe handling of such materials be undertaken to prevent potential risks to site construction personnel and occupants on neighbouring premises during the site construction phase. Such an assessment must include sampling and inspection of potential lead-contaminated dust in ceiling cavities, old painted surfaces which may contain heavy-metals, polychlorinated-biphenyl (PCB) type fluorescent light capacitors and asbestos-containing materials.

6.0 STATEMENT OF LIMITATIONS

This Stage 1 Environmental Site Assessment evaluated the likelihood of site contamination resulting from previous known uses of the site. This appraisal was limited to visual inspection of ground level conditions and a review of anecdotal and historical information and archived data provided by local and state government authorities. It is assumed that this information was accurate and complete. Sampling and laboratory analysis of site materials were not conducted as part of this assessment. Although this methodology is consistent with current industry practice for such appraisal assessments, no warranty or guarantee of site conditions is given or intended.

This report has been prepared by Environmental Investigations for the sole use of Moran Corporation Pty Limited. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by other third parties. This report does not purport to provide legal advice.





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Should you have any queries regarding this report, please do not hesitate to contact the undersigned.

For and on behalf of,

ENVIRONMENTAL INVESTIGATIONS

ERIC GERGES

Project Manager

DR VAGNER JORDEN Principal - Environment



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ABBREVIATIONS

AAS Atomic Absorption Spectrometry

AHD Australian Height Datum AST Aboveground Storage Tank

ANZECC Australian and New Zealand Environment Conservation Council

BAP Benzo(a)pyrene BGL Below Ground Level

BH Borehole

BTEX Benzene, Toluene, Ethyl benzene, Xylene

COC Chain of Custody documentation, or Chemical of Concern (subject to context)

DAC Data Acceptance Criteria

DEC NSW Department of Environment and Conservation (now DECC)
DECC NSW Department of Environment and Climate Change (formerly DEC)

DP Deposited Plan

DQO Data Quality Objective
EI Environmental Investigations
EIL Ecological Investigation Level

EPA NSW Environment Protection Authority, New South Wales

ESA Environmental Site Assessment

GC-ECD Gas Chromatograph-Electron Capture Detector
GC-FID Gas Chromatograph-Flame Ionisation Detector
GC-MS Gas Chromatograph-Mass Spectrometer

HDPE High Density Polyethylene HIL Health Based Investigation Level

ICP-AES Inductively Couple Plasma – Atomic Emission Spectra NATA National Association of Testing Authorities, Australia

NEPC National Environmental Protection Council NHMRC National Health and Medical Research Council

OCPs Organochlorine Pesticides

PAHs Polycyclic Aromatic Hydrocarbons

PCBs Polychlorinated Biphenyls
PID Photo-ionisation Detector

PIL Phytotoxicity-based Investigation Levels

PQL Practical Quantitation Limit (laboratory instrument detection limit)

QA/QC Quality Assurance / Quality Control RAC Remediation Acceptance Criteria

RAP Remediation Action Plan
RPD Relative Percentage Difference
SIL Soil Investigation Level

SWL Standing Water Level (a measurement to current groundwater level)
TOC Top of bore Casing (water levels are generally measured relative to TOC)

TP Test Pit

TPHs Total Petroleum Hydrocarbons

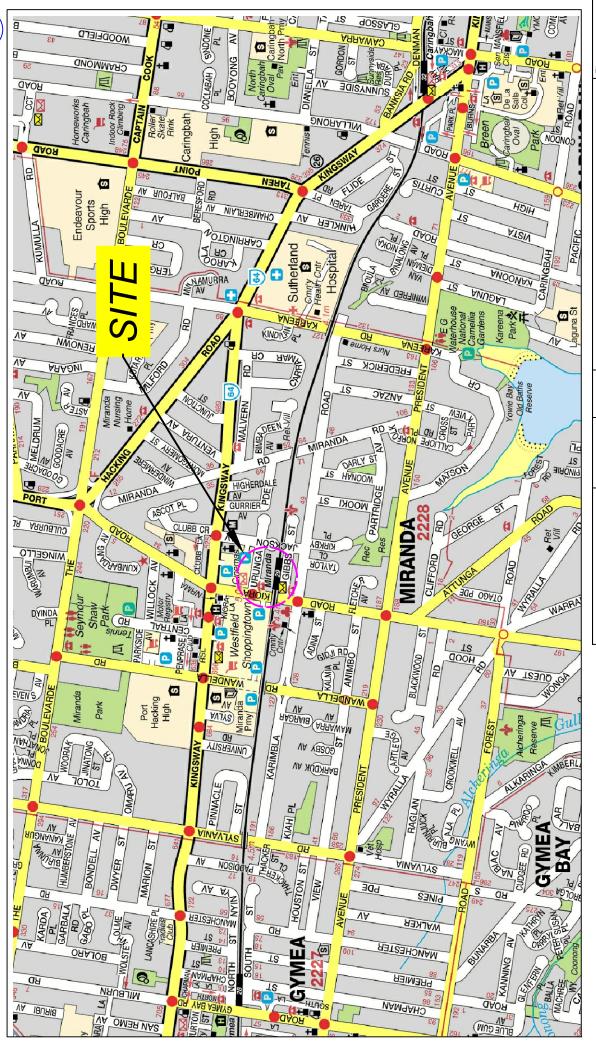
USEPA United States Environmental Protection Agency

UST Underground Storage Tank
VOC Volatile Organic Compound
UCL Upper Confidence Limit



FIGURES







24-03-11 N.T.S

A.B

. J.

Project: E1351.1

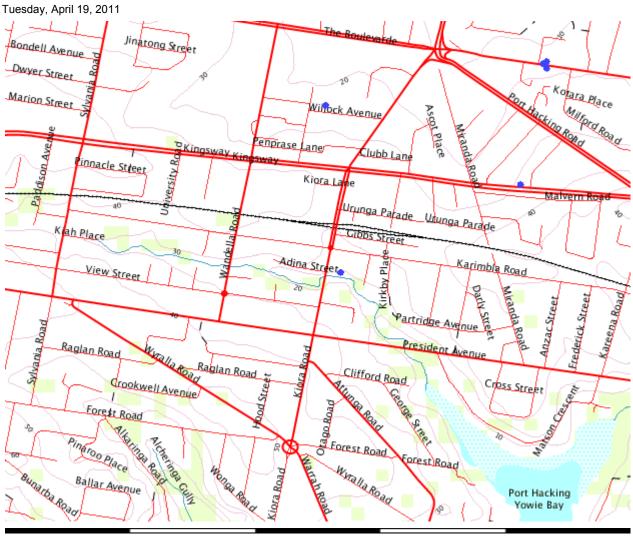


APPENDIX A

NSW Natural Resource Atlas (NRAtlas) Licensed Bores Print Map Page 1 of 2

E1351.1 - NRAtlas Map

Map created with NSW Natural Resource Atlas - http://nratlas.nsw.gov.au



0 2 Km

Legend

Symbol	Layer	Custodian
•	Cities and large towns renderImage: Cannot build image from features	
Cowra	Populated places renderImage: Cannot build image from features	
•	Towns	
•	Groundwater Bores	
	Catchment Management Authority boundaries	
\sim	Major rivers	
	Topographic base map	

Print Map Page 2 of 2



Copyright © 2011 New South Wales Government. Map has been compiled from various sources and may contain errors or omissions. No representation is made as to its accuracy or suitability.

Groundwater Works Summary

For information on the meaning of fields please see Glossary Document Generated on Tuesday, April 19, 2011

Print Report

Works Details Site Details Form A Licensed Construction Water Bearing Zones Drillers Log

Work Requested -- GW020543

Works Details (top)

GROUNDWATER NUMBER GW020543

LIC-NUM 10BL011378

AUTHORISED-PURPOSES WASTE DISPOSAL INTENDED-PURPOSES WASTE DISPOSAL

WORK-TYPE Bore open thru rock

WORK-STATUS (Unknown)

CONSTRUCTION-METHOD Cable Tool

OWNER-TYPE Private

COMMENCE-DATE

COMPLETION-DATE 1960-06-01

FINAL-DEPTH (metres) 40.80

DRILLED-DEPTH (metres) 40.80

CONTRACTOR-NAME

DRILLER-NAME

PROPERTY N/A

GWMA 603 - SYDNEY BASIN

GW-ZONE -

STANDING-WATER-LEVEL

SALINITY

YIELD

Site Details (top)

REGION 10 - SYDNEY SOUTH COAST

RIVER-BASIN 214 - WOLLONGONG COAST

AREA-DISTRICT

CMA-MAP

GRID-ZONE

SCALE

ELEVATION

ELEVATION-SOURCE (Unknown)

NORTHING 6232021.00

EASTING 324789.00

LATITUDE 34 2' 16"

LONGITUDE 151 6' 7"

GS-MAP 0094A1

AMG-ZONE 56

COORD-SOURCE GD.,PR. MAP

REMARK

PARISH

Form-A (top)

COUNTY CUMBERLAND

PORTION-LOT-DP 99999

Licensed (top)

COUNTY CUMBERLAND

PARISH SUTHERLAND

PORTION-LOT-DP 12 29707

Construction (top)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter; ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

SUTHERLAND

HOLE- PIPE- COMPONENT- COMPONENT- FROM TO OD ID (metres) (metres) (metres)

1 1 Casing Threaded Steel -0.30 5.70 152 Ceme

Water Bearing Zones (top)

FROM- TODEPTH DEPTH (metres) (metres)

THICKNESS ROCK(metres) CAT-DESC

CAT-DESC

S- D- HOLEDEPTH (metres)

DURATION SALINITY (metres)

7.30 7.30 0.00 Consolidated 1.80 0.63 Good

Drillers Log (top)

FROM TO THICKNESS DESC GEO-MATERIAL COMMENT

0.00 6.09 6.09 Clay

6.09 40.84 34.75 Sandstone Grey Water Supply

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

Groundwater Works Summary

For information on the meaning of fields please see Glossary Document Generated on Tuesday, April 19, 2011

Print Report

Works Details Site Details Form A Licensed Construction Water Bearing Zones Drillers Log

Work Requested -- GW103241

Works Details (top)

GROUNDWATER NUMBER GW103241

LIC-NUM 10BL157411

AUTHORISED-PURPOSES MONITORING BORE

INTENDED-PURPOSES MONITORING BORE

WORK-TYPE Bore

WORK-STATUS (Unknown)

CONSTRUCTION-METHOD Auger

OWNER-TYPE

COMMENCE-DATE

COMPLETION-DATE 1995-11-06

PRILLED-DEPTH (metres) 8.70 **DRILLED-DEPTH (metres)** 8.70

CONTRACTOR-NAME

DRILLER-NAME

PROPERTY N/A
GWMA -

GW-ZONE -

STANDING-WATER-LEVEL 7.80

SALINITY

YIELD

Site Details (top)

REGION 10 - SYDNEY SOUTH COAST

RIVER-BASIN

AREA-DISTRICT

CMA-MAP

GRID-ZONE

SCALE

ELEVATION

ELEVATION-SOURCE

 NORTHING
 6232392.00

 EASTING
 325397.00

 LATITUDE
 34 2' 5"

 LONGITUDE
 151 6' 31"

GS-MAP

AMG-ZONE 56

COORD-SOURCE

REMARK

Form-A (top)

COUNTY CUMBERLAND

PARISH SUTHERLAND

PORTION-LOT-DP 23//5802

Licensed (top)

COUNTYPARISHPORTION-LOT-DPLOTX DP393907

Construction (top)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter; ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DET/
1		Hole	Hole	0.00	8.70	125			Auger
1	1	Casing	PVC Class 18	0.00	0.00	50			
1	1	Opening	Screen	0.00	0.00	50			

Water Bearing Zones (top)

no details

Drillers Log (top)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL COMMENT
0.00	0.20	0.20	CONCRETE	
0.20	0.50	0.30	CLAY	
0.50	1.20	0.70	CLAY ORANGE	
1.20	6.00	4.80	SHALE WEATHERED BROWN	

6.00	8.50 2.50	CLAY GREY BROWN
8.50	8.70 0.20	CLAY BROWN STIFF

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Groundwater Works Summary

For information on the meaning of fields please see Glossary Document Generated on Tuesday, April 19, 2011

Print Report

Works Details Site Details Form A Licensed Construction Water Bearing Zones Drillers Log

Work Requested -- GW108344

Works Details (top)

GROUNDWATER NUMBER GW108344

LIC-NUM 10BL163856

AUTHORISED-PURPOSES TEST BORE

INTENDED-PURPOSES TEST BORE

WORK-TYPE Bore

WORK-STATUS

CONSTRUCTION-METHOD Rotary Air

OWNER-TYPE

COMMENCE-DATE

COMPLETION-DATE 2004-09-16 **FINAL-DEPTH (metres)** 120.00 **DRILLED-DEPTH (metres)** 120.00

CONTRACTOR-NAME

DRILLER-NAME

PROPERTY SEYMORE SHAW PARK

GWMA -GW-ZONE -

STANDING-WATER-LEVEL

SALINITY 2047.00 **YIELD** 0.05

Site Details (top)

REGION 10 - SYDNEY SOUTH COAST

RIVER-BASIN

AREA-DISTRICT

CMA-MAP

GRID-ZONE

SCALE

ELEVATION

ELEVATION-SOURCE

 NORTHING
 6232705.00

 EASTING
 324725.00

 LATITUDE
 34 1' 54"

 LONGITUDE
 151 6' 5"

GS-MAP

AMG-ZONE 56

COORD-SOURCE

REMARK

Form-A (top)

COUNTY CUMBERLAND

PARISH SUTHERLAND

PORTION-LOT-DP 533 866360

Licensed (top)

COUNTY CUMBERLAND
PARISH SUTHERLAND
PORTION-LOT-DP 533 866360

Construction (top)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter; ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	FROM (metres)	DEPTH- TO (metres)	(mm)	ID (mm)	INTERVAL	DET/
1		Hole	Hole	0.00	18.00	240			Down Hole Hamn
1		Hole	Hole	18.00	120.00	150			Down Hole Hamn
1	1	Casing	PVC Class 9	-0.40	18.00	161			C:1- 18m; Seate on Bottor

Water Bearing Zones (top)

		THICKNESS					TEST-	
FROM-	TO-	(metres)	ROCK-	S-	D-D-L	YIELD	HOLE-	DURATION SALINITY
DEPTH	DEPTH		CAT-	W-			DEPTH	

(metres)	(metres)		DESC	L		(metres)		
92.10	93.00	0.90			120.00 0.05	120.00	1.00	2047.00

Drillers Log (top)

FROM TO	THICKNESS	DESC	GEO-MATERIAL COMMENT
0.00 6.80	6.80	CLAY BROWN	
6.80 11.10	4.30	SANDSTONE CG YELLOW DARK	
11.10 33.40	22.30	SANDSTONE MG GREY LT	
33.40 80.50	47.10	SANDTONE CG GREY LT	
80.50 85.90	5.40	SANDSTONE MG GREY DARK	
85.90 92.10	6.20	SANDSTONE MG GREY LT	
92.10 93.00	0.90	SANDSTONE MG GREY LT WB	
93.00 98.90	5.90	SANDSTONE FG GREY DARK	
98.90 120.0	0 21.10	SANDSTONE MG GREY LT	

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Groundwater Works Summary

For information on the meaning of fields please see Glossary Document Generated on Tuesday, April 19, 2011

Print Report

Works Details Site Details Form A Licensed Construction Water Bearing Zones Drillers Log

Work Requested -- GW110979

Works Details (top)

GROUNDWATER NUMBER GW110979

LIC-NUM 10BL603738

AUTHORISED-PURPOSES MONITORING BORE

INTENDED-PURPOSES MONITORING BORE

WORK-TYPE Well

WORK-STATUS

CONSTRUCTION-METHOD Auger

OWNER-TYPE Private

COMMENCE-DATE

COMPLETION-DATE 2010-02-02

FINAL-DEPTH (metres) 5.00

DRILLED-DEPTH (metres) 5.00

CONTRACTOR-NAME

DRILLER-NAME

PROPERTY COULITS

GWMA -

GW-ZONE -

STANDING-WATER-LEVEL

SALINITY

YIELD

Site Details (top)

REGION 10 - SYDNEY SOUTH COAST

RIVER-BASIN

AREA-DISTRICT

CMA-MAP

GRID-ZONE

SCALE

ELEVATION

ELEVATION-SOURCE

NORTHING6232871.00EASTING325477.00LATITUDE34 1' 49"LONGITUDE151 6' 35"

GS-MAP

AMG-ZONE 56

COORD-SOURCE

REMARK

Form-A (top)

COUNTY CUMBERLAND

PARISH SUTHERLAND

PORTION-LOT-DP 4//31861

Licensed (top)

COUNTY CUMBERLAND

PARISH SUTHERLAND

PORTION-LOT-DP 4 31861

Construction (top)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter; ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	TO (metres)	OD (mm)	ID (mm)	INTERVAL	D
1		Hole	Hole	0.00	5.00	100			Αι
1	1	Casing	PVC Class 18	0.00	2.00	50			Sc Sc or Bc Cc
1	1	Opening	Slots - Horizontal	2.00	5.00	55			P\ Cl Sl In Sl 3r 1.
1		Annulus	Waterworn/Rounded	0.00	0.00				Gi Gi 2r

Water Bearing Zones (top)

FROM- DEPTH (metres)	TO- DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D- D- L	YIELD	TEST- HOLE- DEPTH (metres)	DURATION SALINITY
2.20	5.00	2.80		2.20				

Drillers Log (top)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	1.00	1.00	FILL		
1.00	5.00	4.00	SANDSTONE		

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Groundwater Works Summary

For information on the meaning of fields please see Glossary Document Generated on Tuesday, April 19, 2011

Print Report

Works Details Site Details Form A Licensed Construction Water Bearing Zones Drillers Log

Work Requested -- GW110980

Works Details (top)

GROUNDWATER NUMBER GW110980

LIC-NUM 10BL603738

AUTHORISED-PURPOSES MONITORING BORE

INTENDED-PURPOSES MONITORING BORE

WORK-TYPE Well

WORK-STATUS

CONSTRUCTION-METHOD Auger

OWNER-TYPE Private

COMMENCE-DATE

COMPLETION-DATE 2010-02-02

FINAL-DEPTH (metres) 5.00

DRILLED-DEPTH (metres) 5.00

CONTRACTOR-NAME

DRILLER-NAME

PROPERTY COULITS

GWMA -

GW-ZONE -

STANDING-WATER-LEVEL 2.20

SALINITY

YIELD

Site Details (top)

REGION 10 - SYDNEY SOUTH COAST

RIVER-BASIN

AREA-DISTRICT

CMA-MAP

GRID-ZONE

SCALE

ELEVATION

ELEVATION-SOURCE

NORTHING6232890.00EASTING325465.00LATITUDE34 1' 49"LONGITUDE151 6' 34"

GS-MAP

AMG-ZONE 56

COORD-SOURCE

REMARK

Form-A (top)

COUNTY CUMBERLAND

PARISH SUTHERLAND

PORTION-LOT-DP 4//31861

Licensed (top)

COUNTY CUMBERLAND
PARISH SUTHERLAND
PORTION-LOT-DP 4 31861

Construction (top)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter; ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	D
1		Hole	Hole	0.00	5.00	100			Αι
1	1	Casing	PVC Class 18	0.00	2.00	50			Sc Sc or Bc Ca
1	1	Opening	Slots - Horizontal	2.00	5.00	55			P\ Cl Sl In Sl 3r 1.
1		Annulus	Waterworn/Rounded	0.00	0.00				Gi Gi 2r

Water Bearing Zones (top)

FROM- DEPTH (metres)	TO- DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D- D- L	YIELD	HOLE- DEPTH (metres)	DURATION SALINITY	
2.20	5.00	2.80		2.20					

Drillers Log (top)

0.00 2.60 2.60 FILL 2.60 3.00 0.40 SANDY CLAY 3.00 5.00 2.00 SANDSTONE	F	ROM	то	THICKNESS	DESC	GEO-MATERIAL COMMENT
	0.	00	2.60	2.60	FILL	
3.00 5.00 2.00 SANDSTONE	2.	60	3.00	0.40	SANDY CLAY	
	3.	00	5.00	2.00	SANDSTONE	

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Groundwater Works Summary

For information on the meaning of fields please see Glossary Document Generated on Tuesday, April 19, 2011

Print Report

Works Details Site Details Form A Licensed Construction Water Bearing Zones Drillers Log

Work Requested -- GW110981

Works Details (top)

GROUNDWATER NUMBER GW110981

LIC-NUM 10BL603738

AUTHORISED-PURPOSES MONITORING BORE

INTENDED-PURPOSES MONITORING BORE

WORK-TYPE Well

WORK-STATUS

CONSTRUCTION-METHOD Auger

OWNER-TYPE Private

COMMENCE-DATE

COMPLETION-DATE 2010-02-02

FINAL-DEPTH (metres) 5.00

DRILLED-DEPTH (metres) 5.00

CONTRACTOR-NAME

DRILLER-NAME

PROPERTY COULITS

GWMA -

GW-ZONE -

STANDING-WATER-LEVEL 2.20

SALINITY

YIELD

Site Details (top)

REGION 10 - SYDNEY SOUTH COAST

RIVER-BASIN

AREA-DISTRICT

CMA-MAP

GRID-ZONE

SCALE

ELEVATION

ELEVATION-SOURCE

NORTHING6232898.00EASTING325476.00LATITUDE34 1' 48"LONGITUDE151 6' 35"

GS-MAP

AMG-ZONE 56

COORD-SOURCE

REMARK

Form-A (top)

COUNTY CUMBERLAND

PARISH SUTHERLAND

PORTION-LOT-DP 4//31861

Licensed (top)

COUNTY CUMBERLAND

PARISH SUTHERLAND

PORTION-LOT-DP 4 31861

Construction (top)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter; ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	TO (metres)	OD (mm)	ID (mm)	INTERVAL	D
1		Hole	Hole	0.00	5.00	100		;	Aı Sı
1	1	Casing	PVC Class 18	0.00	2.00	50			Se or Bc Ca
1	1	Opening	Slots - Horizontal	2.00	5.00	55			P\ Cl Sl In Sl 3r
1		Annulus	Waterworn/Rounded	0.00	0.00				Gi Gi 2r

Water Bearing Zones (top)

FROM- DEPTH (metres)	TO- DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D- D- L	YIELD	HOLE- DEPTH (metres)	DURATION SALINITY
2.20	5.00	2.80		2.20				

Drillers Log (top)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	1.50	1.50	FILL		
1.50	5.00	3.50	SANDSTONE		

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APPENDIX B

Record of EPA/DECC Notices



You are here: Home > Contaminated land > Record of EPA notices

Search results

Your search for: Text: 84 86 Kiora Road Miranda NSW

Suburb: Miranda

did not find any records in our database.

If a site does not appear on the record it may still be affected by contamination. For example:

Contamination may be present but the site has not been regulated by the EPA under the Contaminated Land Management Act 1997 or the Environmentally Hazardous Chemicals Act 1985.

The EPA may be regulating contamination at the site through a licence or notice under the Protection of the Environment Operations Act 1997 (POEO Act).

Search Again Refine Search

Search TIP

To search for a specific site, search by LGA (local government area) and carefully review all sites listed.

... more search tips

Contamination at the site may be being managed under the planning process.

More information about particular sites may be available from:

The POEO public register

The appropriate planning authority: for example, on a planning certificate issued by the local council under section 149 of the Environmental Planning and Assessment Act.

See What's in the record and What's not in the record.

20 April 2011



APPENDIX C

Land Titles Search (supplied by Service First Registration Pty Ltd, Legal Searchers)

Service First Registration Pty Ltd

ACN: 108 037 029 Ph: 02 9233 1314

Fax: 9233 2878

Suite 102, Level 1, 64 Castlereagh Street

Sydney 2000

PO Box 1539 Sydney 2000

DX 189 Sydney

Summary of Owners Report

<u>LPMA</u>

Sydney

Re: 84 to 86 Kiora Road, Miranda

Description: - Lot C D.P. 415413

Date of Acquisition and term held	Registered Proprietor(s) & Occupations where available	Reference to Title at Acquisition and sale
21.09.1916 (1916 to 1927)	John Gibbs (Gentleman)	Vol 2700 Fol 40
29.08.1927 (1927 to 1938)	William Arthur Morrison (Retired Engineer)	Vol 2700 Fol 40 now Vol 4051 Fol 89
15.06.1938 (1938 to 1946)	Herbert Graham Morrison (Gentleman) (Transmission Application not investigated)	Vol 4051 Fol 89
08.02.1946 (1946 to 1949)	Edwin Mark Telgate (Electrical Mechanic)	Vol 4051 Fol 89
23.09.1949 (1949 to 1960)	John Dawson Kirkwood (Horticulturist)	Vol 4051 Fol 89
21.01.1960 (1960 to 1968)	Andrew Clement Kirkwood (Clerk) (Section 94 Application not investigated)	Vol 4051 Fol 89 now Vol 7889 Fol 131
12.03.1968 (1968 to 1978)	James Frederick Kirkwood (Butcher)	Vol 7889 Fol 131 now Vol 11294 Fol 121
09.01.1978 (1978 to 2009)	Evelyn Enterprises Pty Limited	Vol 11294 Fol 121 now C/415413
24.11.2009 (2009 to date)	# Comserv (No. 462) Pty Limited	C/415413

Denotes Current Registered Proprietor

Easements: - NIL

Leases: -

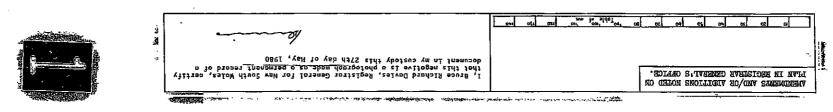
01.10.1954. To Sydney Cash and Carry Pty Limited. Expired 05.08.1959 23.08.1958. To Graham Charles Britt, Dental Surgeon (1st Floor). Expired 11.05.1971

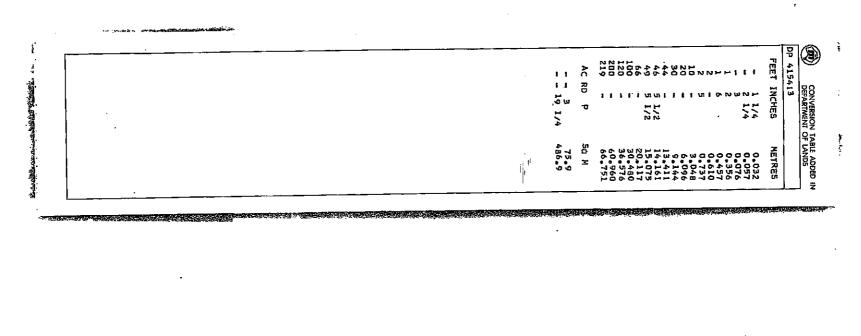
For leases from 1968 onwards please refer to copies of titles attached

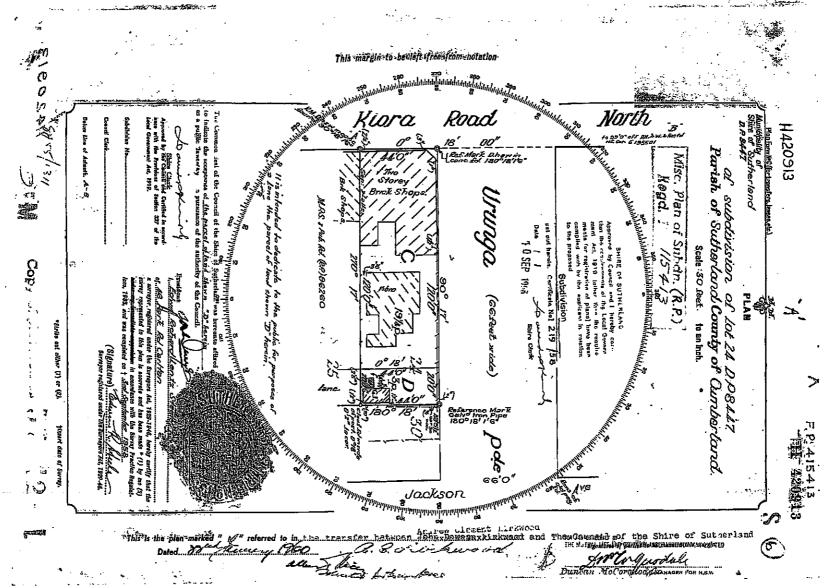
Yours Sincerely Mark Groll 24 March 2011

(Ph: 0412 199 304)

Email: grolly1@bigpond.net.au







CATTLE CONTRACT HOLD THE PROPERTY OF THE PROPE

Req:R944641 /Doc:CT 11294-121 CT /Rev:21-Dec-2010 /Sts:OK.OK /Prt:24-Mar-2011 07:06 /Pgs:ALL /Seq:5 of 6
Ref:mg /Src:M CERTIFICATE OF TITLE REAL PROPERTY ACT. 1900, as amended. NEW SOUTH WALES 11294 Fol. Appla. No.49 N Prior Title Vol. 7889 Fol. 131 Edition issued £735748 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. 294 Witness Registrar General, PLAN SHOWING LOCATION OF LAND Parade Urunga persons are cautioned against altering or adding to this certificate or any notification hereon 1205 je Road 19¼ per. bue Kiora Walks P 8447 ८*73574*8 Scale: 30 feet to one inch ESTATE AND LAND REFERRED TO Estate in Fee Simple in Lot C in plan lodged with Transfer No.H420913 (filed as F.P.415413) in the Shire of Sutherland Parish of Sutherland and County of Cumberland being part of Portion 34 granted to John Connell Laycock on 12-8-1856. EXCEPTING THEREOUT the mines, beds, seams and veins of coal, iron and other metals and minerals excepted by Transfer No.A195049. FIRST SCHEDULE JAMES FREDERICK KIRKWOOD of Castle Hill, Butcher. SECOND SCHEDULE Reservations and conditions, if any, contained in the Crown Grant above re-Lease No. H297886 of the 1st floor room of premises known as "corner Urunga Parade and Kiera Road Wighna" to Graham Charles Britt of Rockdale, Dental Surgeon. Entered 1799-1959. Koping 1859-1971 if any, contained in the Crown Grant above referred to Registrar General

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

TORKENS TITLE Register Book

See new edition

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

REGISTERED PROPRIETOR CANCELLED See new edition issued 29-11-1976 Second School 12-1976 Second School 12-197	REGISTRIED PROPRIETOR CANCELLED See new edition issued 24-11-1976 See new edition i	173	DATE ENTRED Signature of	M. 15/57 M.	7. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	The second	2:00 % W	7/2 27 683 W	0 23h.m	WESSE	A. 154.374	NZ45ZZ		CANCELLATION ((leu 3344 3)	#E525487	KERT INTERNAL	7881	Diskaged Nagsaya, Justin		P 898500 Lu	Discharged R183091 July 9936 347 Ffe		d P882636 0	1	Withdrawn P882634			
FIRST SCHEDULE (continued) CANCELLED See new edition issued 29-11-1976 Vol 110-0-4 Ed 12-12-12-12-12-13-12 Vol 110-4 Edistran General REGISTRAN GENERAL REGISTR	REGISTENED PROPRIETOR CANCELLED See new edition issued 29-11-1976 Second finds of seneral second finds of second 19-11-1976 Second finds of seneral second 19-11-1976 Second finds finds and Marwell Grothers Clerk, both of Ferrametta, Solicitions		NATROPERT											Signature of Registrar-General	L. 166			Justicent Dr.		Samuel P	James Gens		_	_	_	معايدية إدارة المعادد		
CANCELL See new editor VY 112-04- For For 110 Annual For See new editor See new editor Office of Formation of Second Se	CANCELL See new editor UN HOLD LESSEN REGIS 1. 8. 746.8 Lessen Regis 1. 1. 8. 746.8 Lessen Regis 1. 1. 1970 of the ressence of the state of the sta		NATURE								:			ENTERED	2001-307	C 20 1		2-18-5-1		287 192	28-21970		30.6. 913 C	16.8.1974	3 6 1976	14-9-1976	<u> </u>	
				LED on tempor 29:1	200 119-04 For 124 U. de Pa 2 6347.	\))		home monthly die of a grant of the control of the control makes a passion of the control of the	The second secon			SECOND SCHEDULE (continued)	PARTICULARS	Jan Demaise	o. J.	2 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	§ 6	19 De Aregueso Aboser blue talching o the	Jahle Pu, Lated	12 Trade Coults Levised	awell brothers by			Warner 11 Greathern Office	ma maxwell urotders ulsik,		
							İ 							NSTRUMENT	73575a	14021103			7 L#5243		M HOOTS	#2352#3		WE 5093	77721	Pesco		

NEW SOUTH WALES

FICATE OF TITLE



Appln. No. 49

Prior Title Vol. 7889 Fol. 131



11294 Fol 121

EDITION ISSUED

11 1976

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.





PLAN SHOWING LOCATION OF LAND

LENCTHS ARE IN METRES

URUNGA PARADE

1976M7



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

ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot C in Deposited Plan 415413 in the Shire of Sutherland Parish of Sutherland and County of Cumberland being part of Portion 34 granted to John Connell Laycock on 12-8-1856. EXCEPTING THEREOUT the mines beds seams and veins of coal iron and other metals and minerals excepted by Transfer No. A195049.

FIRST SCHEDULE

JANES FREDERICK KIRKWOOD Gastle Hill, Butcher.

SECOND SCHEDULE

1. Reservations and conditions, if any, contained in the Crown Grant above referred to. Mortgage No. P882627 John Howard Fisher and Maxwel Solicitors. Register 14 9 1976. Discharged Q509861

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

		FIRST SCHEDULE (continued)						1882 500 1884
		REGISTERED PROPRIETOR	NATURE	INST RUMBER	DATE	ENTERED	Signature of Registrer General	4710679/N
<u>. </u>	Ruslyn Enterprises Ptv. Limited		Тапабег		1	9-1-1978	de.	# B351863c # #
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		SECOND SCHEDULE (continued)		:				V1/2
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77	0509864	w Zouland Bankingilians Limited	9 1 1978		Discharged	T989375	10	
16852 tease	v San Remo Southiam		Read				}	
	da, lock-up storage-	<u>kises 56 Vrunga Parade, Miranda, vacant land at rear of 94</u>	98 pur					
	Parade-Min	tee 3 above 56 Hrunga Parade, Wiranda, tagether with and re-		Const.	Expired	25.10.1968	8	
190702 DLease	to Mybond Pty. Limited of	d of premises being Suites 1 and 2 on the top floor, 84 Kiora R	 					1
	a. snown in the plan anne ewal. Expires 31-10-1985	Miranda. Shown in the pian amrexed to Lease.⊬90/UZ, together with and reserving rights and an option of renewal. Expires 31-10-1985. Redistered 7-5-1984	an option	Parameter.				
16852	H272f45 Transfer D	ise to Givi. Goles & Coy Limited. Registered & 4.1986		0	Cancelled	X817783		1.22-

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<u> </u>	FIRST	SCHEDULE (continued)	** ** *** *** *** *** *** *** *** ***		
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	SECONI	O SCHEDULE (continued)			
	PARTICULARS	· · · · · · · · · · · · · · · · · · ·		Registrar General	CANCELLATIO
Office 3 above	, Miranda, Lock-Up Stora acant Land at the rear o e 56 Urunga Parade, Mira res: 1.12.1991, Option o	ige premises at 56 Urung of 84 and 86 Kiora Road, Inda together with and R	a Parade, Miranda, eservino		
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(Page 4 of 4 pages)		Vol	11294 Fol. 11	PI
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Historical Title

LEAP Searching An Approved LPMA NSW Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

21/3/2011 11:59AM

FOLIO: C/415413

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 11294 FOL 121

Recorded	Number	Type of Instrument	C.T. Issue
29/7/1989		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
4/9/1989		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
3/6/1991	Z680179 .	LEASE	EDITION 1
29/12/1992	E997067	LEASE	EDITION 2
29/1/1997	2791064	LEASE	EDITION 3
20/3/2002	8445057	LEASE	EDITION 4
16/2/2007	AC928415	LEASE	EDITION 5
5/11/2007	AD537933	DEPARTMENTAL DEALING	
6/12/2007	AD618728	LEASE	EDITION 6
6/10/2009	AF24666	REQUEST	EDITION 7
24/11/2009 24/11/2009	AF140596 AF140597	TRANSFER MORTGAGE	EDITION 8
1/3/2011	AG82713	LEASE	EDITION 9

*** END OF SEARCH ***



Title Search

LEAP Searching
An Approved LPMA NSW
Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: C/415413

SEARCH DATE	TIME	EDITION NO	DATE
24/3/2011	7:06 AM	9	1/3/2011

LAND

LOT C IN DEPOSITED PLAN 415413

LOCAL GOVERNMENT AREA SUTHERLAND SHIRE
PARISH OF SUTHERLAND COUNTY OF CUMBERLAND
TITLE DIAGRAM DP415413

FIRST SCHEDULE

COMSERV (NO. 462) PTY LIMITED

(T AF140596)

SECOND SCHEDULE (4 NOTIFICATIONS)

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- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 A195049 LAND EXCLUDES MINERALS
- 3 AF140597 MORTGAGE TO WESTPAC BANKING CORPORATION
- 4 AG82713 LEASE TO THE STORE PTY LTD OF SHOP KNOWN AS 84 AND 86 KIORA ROAD, MIRANDA. EXPIRES: 28/1/2014. OPTION OF RENEWAL: 4 YEARS.

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

MG

PRINTED ON 24/3/2011

^{*} Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register. Leap Searching an approved NSW Information Broker hereby certifies that the informatior contained in this document has been provided electronically by the Registrar General in accordance with Section 96B(2) of the Real Property Act 1900.

Ref: surv:scim-grollm DP 8 SP 498 S SP DP 8447 27 36 Wetres 45 SP 58049 46 L ς 47 JACKSON AVE County: CUMBERLAND 48 9 identified Parcel: Lot C DP 415413 URUNGA PDE DP 121959 DP 809270 DP 13284. DP 72166 9925 20 32128 SP 20582 8447 51 52 SP 40589 DP 865840 19611 ds 53 GIBBS ST 54 Cadastral Records Enquiry Report Parish: SUTHERLAND DP 118844 55 771E1 98 DP 118843 OP 415413 6 S 26 DP 415413 | - DP 132868 B 8447 53 189380 100 22 29281 \$5 Requested Parcel: Lot C DP 415413 58 ďΟ CopyHight NSW Land and Property Management Authority. Map Projection: MGA Zone RIORA RD þ a 8 LGA: SUTHERLAND SHIRE ARORA RD DP 558918 KIORALANE 15 DP 390354 DP 525052 N ε 2 DP 11420 **4**9964 SUTHERLAND DP 822364 SHIIRE 9 DP 455357 5 6 DP 731459 KARIMBLA RD 865839 Land & Property Management Authority Land & Property Information SP 30924 Locality: MIRANDA 1127289

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.

Report Generated 7:17:57 AM, 24 March, 2011