



Geotechnical Engineering

Engineering Geology

Hydrogeology

Contaminated Site Assessment

Construction Materials Testing

Environmental Monitoring

PHASE 1 ENVIRONMENTAL ASSESSMENT

MT PENANG PARKLANDS

**Prepared for
APP CORPORATION PTY LTD**

On behalf of

**CENTRAL COAST REGIONAL
DEVELOPMENT CORPORATION**

**Prepared by
RCA AUSTRALIA**


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25 March 2011

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EXECUTIVE SUMMARY

RCA Australia (RCA) was engaged by APP Corporation Pty Ltd (APP) on behalf of the Central Coast Regional Development Corporation (CCRDC) to undertake a Phase 1 Environmental Site Assessment of the Mt Penang Parklands site (the Site). The site is approximately 150 hectares and is located to the north-east of the Central Coast Highway at Kariong, NSW (**Drawing 1, Appendix A**).

The objective of the Phase 1 Assessment was to assess if any further work is required to address any constraints to the development of the Site that may be posed by contamination. The scope of work included a review of all available background documents, including previous site investigation reports and historical records for the Site, along with a site inspection and interview with the Site owner (CCRDC).

The Site is considered suitable for its proposed use of commercial/industrial and continued use (retained use) of open space/recreation areas. However, a more sensitive land use (such as a residential premise) would require a specific contamination investigation, involving further sampling and analysis to ensure site suitability.

Any development involving excavation of recreation areas such as former and current sports fields and ovals, would require a specific contamination investigation, involving further sampling and analysis to ensure that the Site is suitable for its intended use.

It is recommended that stockpiles of material south and east of the former vocational training unit (Precinct D) need to be characterised (sampled and analysed) prior to use and/or development in this area, unless accurate waste tracking records can be provided or removal of the material by the RTA can be confirmed.

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RESULTS OF PREVIOUS RCA REPORT (REF [4])

1 INTRODUCTION

RCA was engaged by APP Corporation Pty Ltd (APP) to undertake a Phase 1 Environmental Site Assessment of the Mt Penang Parklands site (the Site). This site is approximately 150 hectare and is located to the north-east of the Central Coast Highway at Kariong, NSW (**Drawing 1, Appendix A**).

The Site is currently owned by the NSW State Government [represented by the Land and Property Management Authority (LPMA), locally, the Central Coast Regional Development Corporation (CCRDC)].

The development of the Site is being overseen by the CCRDC and, as part of the planning process, a state significant site study (SSSS) has been commissioned. Part of the SSSS involves the identification of constraints to development that may be posed by contamination.

RCA was commissioned to complete a Phase 1 Environmental Site Assessment for the Site in order to assess if any further work is required to address any constraints to the development of the Site that may be posed by contamination. Specifically, the objective of the assessment is to identify any potential sources of soil and/or groundwater contamination on the Site and if necessary, recommend further investigation involving a field sampling and analytical programme.

2 SCOPE OF WORK

Based on the NSW EPA guidelines and the information provided to RCA, the scope the Phase 1 Environmental Site Assessment included a review of all available background site documentation and any other relevant data sources. This included:

- zoning, current and any proposed under a Draft LEP;
- historical aerial photos and any other information that can be provided by local Council;
- historical title searches;
- anecdotal evidence from the site operator/owner about spills and potential leaks, records of such will be examined if available;
- anecdotal and observable evidence of surrounding land use;
- registered groundwater bore search;
- WorkCover dangerous goods search;

- review of any provided previous contaminant assessment reports and documentation retaining to historical site activities. A site inspection was conducted as part of the Phase 1 Assessment on 10 December 2010. A brief site history overview was obtained from Mr Ken Phelan of the CCRDC, during the December site inspection, and a review of detailed documentation relating to the Site history was undertaken.

3 SITE IDENTIFICATION

The Site is known as Mt Penang Parklands and is located on the Central Coast Highway and Kangoo Road, Kariong NSW. The Site comprises the following parcels of land which are owned by the Festival Development Corporation [now known as the CCRDC]:

- Lot 10 DP1149050;
- Lot 602 DP823147;
- Lot 1 DP715442;
- Lot 475 DP823714; and
- Lot 607 DP823147.

A current locality map and site plan is presented as **Drawing 1** and **Drawing 2** in **Appendix A**.

A site precinct map showing the different areas onsite is presented as **Appendix B**.

A Land and Property Information (LPI) current title search was conducted to gain a legal description of the Site. The results of this search are presented as **Appendix C**.

4 SITE HISTORY

4.1 HISTORICAL TITLE SEARCH

The results of the historical title search are summarised in **Table 1** below in chronological order with associated documents presented as **Appendix D**.

It is noted that the entire Site became Crown Land commencing as an Industrial School Site on 18 September 1912.

Table 1 *Historical Title Search Summary*

Main Plan Identification	Owner/s and Sub-plan (if applicable)	Comments
Lot 446 DP726266	State of NSW (Crown)	Note: this is currently Lot 602 and 607 DP823147 owned by Festival Development Corporation (FDC)
Lot 600 DP823147	State of NSW (Crown)	Note: this is currently Lot 475 DP823714 owned by FDC
Lot 476 DP823714	Roads and Traffic Authority (RTA) (6/852984) Community Services (5/852984)	-
Lot 5 DP852984	Minister Community Services	-
Lot 52 DP1000335	Minister Education and Training (702/1128417) FDC (522/1017539)	-
Lot 522 DP1017539	Minister Education and Training (702/1128417) FDC (701/1128417)	-
Lot 701 DP1128417	RTA (12 and 16/1149050) FDC (10/1149050)	-
Lot 10 DP1149050	FDC	-

Review of **Table 1** indicates that contaminating activities are most likely associated with land historically used for education and training facilities (Minister for Education and Training and Minister for Community Services) and land used by the RTA. However, the use of Crown Land as an Industrial School, commencing in 1912 and later a detention facility for juvenile boys, could also have resulted in land contamination, particularly given historical waste disposal practices and the length of time the juvenile detention centre was in operation (1912 to 2000).

4.2 ZONING – PREVIOUS, PRESENT AND PROPOSED

City of Gosford, Interim Development Order No. 122 (as at 12 December 2008) outlines amendments to the Gosford Local Environmental Plan No. 391 (gazetted 28.07.00) and outlines the present zoning of the Site to promote integrated mixed use development as follows:

- Zone No. 5(b) Special Uses – Festival Development Site.
- Zone No. 6(c) Open Space (Escarpment Protection).
- Zone No. 7(e) Conservation and Scenic Protection (Coastal Land Acquisition).

It is proposed that the Site be zoned SP1 - Special Activities as shown on the land zoning map (sheet LZN-018) in the Draft Gosford Local Environmental Plan 2009. Special Activities comprises the following: bulky goods premises, business premises (other than medical centres), child care centres, community facilities, educational establishments, function centres, heliports, kiosks, landscape and gardening supplies, markets, offices, recreation facilities, retail premises, restaurants, tourist and visitor accommodation.

CCRDC has indicated that proposed further development of the Site is likely to include the following:

- Shopping centre style development (small retail and commercial), likely commencing on the southern area of the Site (fronting Central Coast Highway), currently the former festival event parking area. Ultimately this type of development may extend north-west following the Central Coast Highway and Kangaroo Road boundaries.
- Extension of the “campus” style small/medium specialist business park towards the north and north-west of the site.
- Retention of gardens/recreation and some sports areas.
- Possible retention (or re-siting) of events area unless/until demand for commercial/business park requires its development.

4.3 CHRONOLOGICAL LIST OF SITE USES AND INVENTORY OF ASSOCIATED CHEMICALS AND WASTES

A plan of the Site showing the different land uses and/or buildings in 1999, when a medium security Juvenile Detention Centre which occupied part of the site was still operational, is presented in previous reports by Jeffery and Katauskas Pty Ltd (Ref [1 to 3]).

A chronological list of site uses, buildings and associated chemicals and wastes for each area on site is provided in **Tables 1 to 3**.

Table 2 Western Area (Precinct D)

Land Use/Building	Typical Contaminants
<i>1983 – 1990 RTA Depot for the construction of the Central Coast Highway</i>	
Offices, car parking and storage yard	<p>Contaminated fill material, empty chemical/fuel drums and vehicle refuelling facilities which may result in the following contaminants:</p> <ul style="list-style-type: none"> • Total petroleum hydrocarbons (TPH); • Monocyclic aromatic hydrocarbons (eg, benzene, toluene, ethylbenzene and xylene); • Polycyclic aromatic hydrocarbons (PAHs); • Asbestos in building waste; • Metals (eg, arsenic, cadmium, chromium, copper, mercury, lead, nickel, zinc).
<i>1990 - 2000 Vocational Training Unit for the Juvenile Detention Centre, comprising the following:</i>	
Metal Trades Building (eg, metal treatment or coating, metal finishing and treatments eg, electroplating)	<ul style="list-style-type: none"> • Solvents; • Metals (eg, aluminium, barium, cadmium, chromium, copper, lead nickel, tin, zinc); • Paint residue; • Acids (eg, sulphuric, hydrochloric, nitric, phosphoric); • Alkalies; • Metallic salts; • Monocyclic aromatic hydrocarbons (eg, benzene, toluene); • Chlorinated hydrocarbons (eg, 1,1,1 – trichloroethane, tetrachloroethylene); • Cyanide.
Flammable Store	<ul style="list-style-type: none"> • Total petroleum hydrocarbons (TPH); • Monocyclic aromatic hydrocarbons (eg, benzene, toluene, ethylbenzene and xylene); • Polycyclic aromatic hydrocarbons (PAHs); • Metals (eg, barium, cadmium, copper, lead, nickel, zinc); • Phenols; • Chlorinated hydrocarbons (eg, trichloroethylene); • Oil and grease.
Woodwork and Upholstery Building	<ul style="list-style-type: none"> • N/A
Printing and Recreation Building	<ul style="list-style-type: none"> • Acids; • Alkalies; • Solvents;

Land Use/Building	Typical Contaminants
	<ul style="list-style-type: none"> Metals (eg chromium).
Glass Fibre Trades Building	<ul style="list-style-type: none"> Solvents; Resins; Styrene.
Storage Building (for landscaping grounds maintenance purposes)	<ul style="list-style-type: none"> Organochlorine pesticides; Organophosphate pesticides (eg, Diazinon); Herbicides (eg, Atrazine, Fenamiphos); Fungicides.
Mechanical Trades Building (eg, automotive repair, engine works and spray painting, motor vehicle workshops)	<ul style="list-style-type: none"> TPH; Monocyclic aromatic hydrocarbons (eg, benzene, toluene, ethylbenzene and xylene); Solvents; Resin; Metals (eg, copper, chromium, lead, zinc); PAHs; Phenol; Chlorofluorocarbons; Alkalis; Acids (eg, sulfuric, phosphoric).
Water Supply Pump	<ul style="list-style-type: none"> TPH; Monocyclic aromatic hydrocarbons (eg, benzene, toluene, ethylbenzene and xylene); PAHs.
<i>2001 – Feb 2011 Parklands Commercial Precinct:</i>	
Offices/shops	<p>Anecdotal evidence suggests that a paint shop was located in this precinct; however it burnt to the ground (2009). The site of the fire has remained untouched. Possible contaminants include:</p> <ul style="list-style-type: none"> Metals (eg, arsenic, barium, cadmium, chromium, cobalt, lead, manganese, mercury, selenium, zinc, titanium); Solvents (eg, toluene); Resins.
<i>1948 – 2000 McCabe Cottage (part of the Juvenile Detention Centre), 2000 – Feb 2011 McCabe Convention Centre.</i>	
Main Buildings, adjacent cottages, gardens and crops. (landscaping grounds maintenance aspects)	<p>1948 – 2000 – N/A</p> <p>2000 – Feb 2011:</p> <ul style="list-style-type: none"> Oil and grease; Organochlorine pesticides; Organophosphate pesticides (eg, Diazinon);

Land Use/Building	Typical Contaminants
	<ul style="list-style-type: none"> Herbicides (eg, Atrazine, Fenamiphos); Fungicides.
<i>Approximately 1979 – 1999 Sewerage Treatment Plant comprising the following:</i>	
Rectangular Lagoon Area	<ul style="list-style-type: none"> Nutrients (eg, phosphorus, potassium, nitrogen); Metals (eg, aluminium, arsenic, cadmium, chromium, cobalt, lead, nickel, zinc); Phenols; Pathogens.
<i>1912 – Feb 2011 Open Space:</i>	
<p>Vegetated area with grass and trees (landscaping grounds maintenance aspects), with gradual increase of unsealed and sealed internal roads in some areas. 1912 – 2000 maintained by the Juvenile Detention Centre. 2000 – Feb 2011 maintained by the Festival Development Corporation (now known as the CCRDC).</p> <p>November 2003 saw the establishment of the Mt. Penang Gardens and a series of small to medium ponds dams near the main dam and creek on site.</p>	<ul style="list-style-type: none"> Organochlorine pesticides; Organophosphate pesticides (eg, Diazinon); Herbicides (eg, Atrazine, Fenamiphos); Fungicides; Illegal dumping of wastes. Livestock sewage waste from former piggery on property nearby.

Table 3 Eastern and Northern Areas (Precinct E – F)

Land Use/Building	Typical Contaminants
<i>1912 – 2000 Juvenile Detention Centre and associated facilities including:</i>	
Tool Store and Small Motors Workshop [including 2 Underground Storage Tanks (USTs)]	<ul style="list-style-type: none"> TPH; Monocyclic aromatic hydrocarbons (eg, benzene, toluene, ethylbenzene and xylene); Solvents; Resin; Heavy metals; PAHs.
Storage Yard	<ul style="list-style-type: none"> Contaminated fill, empty chemical and fuel containers, scrap material, dumping of domestic wastes (contaminants could include, for eg, asbestos, TPH, PAH, heavy metals).
Detention Block	<ul style="list-style-type: none"> N/A
Storage Building	<ul style="list-style-type: none"> TPH; Monocyclic aromatic hydrocarbons (eg,

Land Use/Building	Typical Contaminants
	benzene, toluene, ethylbenzene and xylene); <ul style="list-style-type: none"> • PAHs; • Oil and grease; • Organochlorine pesticides; • Organophosphate pesticides (eg, Diazinon); • Herbicides (eg, Atrazine, Fenamiphos); • Fungicides.
Sports Fields;	<ul style="list-style-type: none"> • Contaminated fill material (asbestos in building waste, TPH, BTEX, PAH, heavy metals, other wastes associated with small, private landfills). • Organochlorine pesticides; • Organophosphate pesticides (eg, Diazinon); • Herbicides (eg, Atrazine, Fenamiphos); • Fungicides.
Paint Shop and Bricklaying Building	<ul style="list-style-type: none"> • Metals (eg, arsenic, barium, cadmium, chromium, cobalt, lead, manganese, mercury, selenium, zinc, titanium); • Solvents (eg, toluene); • Resins.
Horticulture Building and Greenhouse; (landscaping grounds maintenance aspects)	<ul style="list-style-type: none"> • Organochlorine pesticides; • Organophosphate pesticides (eg, Diazinon); • Herbicides (eg, Atrazine, Fenamiphos); • Fungicides.
Industrial Arts Building	<ul style="list-style-type: none"> • Solvents; • Metals (eg, aluminium, barium, cadmium, chromium, copper, lead nickel, tin, zinc); • Paint residue; • Acids (eg, sulphuric, hydrochloric, nitric, phosphoric); • Alkalies; • Metallic salts.
School Buildings	<ul style="list-style-type: none"> • N/A
Administration Building	<ul style="list-style-type: none"> • N/A
Dormitories	<ul style="list-style-type: none"> • N/A
Grass paddocks	<ul style="list-style-type: none"> • Organochlorine pesticides; • Organophosphate pesticides (eg, Diazinon); • Herbicides (eg, Atrazine, Fenamiphos); • Fungicides; • Dumping of various wastes.

Land Use/Building	Typical Contaminants
<i>2001 – Feb 2011 Mt Penang Business Park and Sports Park:</i>	
Many of the above mentioned buildings and facilities remain but have been refurbished for change of use	As above.

Table 4 Southern Area (Precinct A – C)

Land Use/Building	Typical Contaminants
<i>1999 – 2001 Recreational Open Space and Sporting Facilities including:</i>	
Riding for the Disabled Complex	Livestock sewage waste.
Preschool	N/A
Storage Sheds;	<ul style="list-style-type: none"> • Organochlorine pesticides; • Organophosphate pesticides (eg, Diazinon); • Herbicides (eg, Atrazine, Fenamiphos); • Fungicides.
Office/Administration Buildings	N/A
Dormitories	N/A
Cottages	N/A
Sports Oval and field and Tennis Courts (landscaping grounds maintenance aspects)	<ul style="list-style-type: none"> • Contaminated land filling material (eg, asbestos, TPH, PAH, heavy metals); • Organochlorine pesticides; • Organophosphate pesticides (eg, Diazinon); • Herbicides (eg, Atrazine, Fenamiphos); • Fungicides.
Water Reservoirs (pumps)	<ul style="list-style-type: none"> • TPH; • Monocyclic aromatic hydrocarbons (eg, benzene, toluene, ethylbenzene and xylene); • PAHs.
<i>2001 – Feb 2011 Mt. Penang Event Park (Festival Area) and Kariang Mountains High School (High School is not included as part of the Site):</i>	
Festival Area/Event Park (landscaping grounds maintenance aspects)	<ul style="list-style-type: none"> • Organochlorine pesticides; • Organophosphate pesticides (eg, Diazinon); • Herbicides (eg, Atrazine, Fenamiphos); • Fungicides.

4.4 REVIEW OF AERIAL PHOTOGRAPHS

Historical aerial photographs of the Site and surrounding area were obtained from the Land and Property Management Authority NSW Aerial Photography Register for 1954, 1965, 1975, 1982, 1986, and 2002. These photographs were reviewed, along with two current photographs (September 2010) provided by CCRDC.

Results of the aerial photograph review are summarised in **Table 5**. Copies of the aerial photos are provided in **Appendix E**.

Table 5 *Aerial Photograph Review*

Site Observations	Surrounding Site Observations
Gosford, 17.5.1954 , Run 11G, 1:12 000 Black and White (B&W)	
<p>Eastern Area – Juvenile Detention Centre is established, along with large sports oval.</p> <p>Western Area – McCabe Cottage is established (as part of the Juvenile Detention Centre, now known as McCabe Convention Centre), along with associated gardens and/or crops.</p> <p>Remainder of the Site is grassland, bushland and/or grazing land. Some larger trees near buildings and existing internal roads.</p>	<p>South – very few residential dwellings. The residential area has not been established.</p> <p>The Site is surrounded by bushland, forest, and rocky outcrops. Some large farms/crops are seen to the north of the Site.</p>
Northumberland Project, 20.9.1965 , Run 25S, 1:12 500 B&W	
<p>Eastern Area – minor expansion/demolition activities associated with the Juvenile Detention Centre are apparent (eg, development of new sports field has commenced, new buildings have been added.)</p> <p>Northern Area – Kangoo Road has been established.</p> <p>Western Area – some internal roads have been established.</p> <p>Southern Area – small water reservoir has been established.</p>	<p>South – increase in residential dwellings.</p> <p>South west – clearing of large area of bush/grass area for forest plantation has taken place.</p> <p>East – Piggery/dairy building expansion is apparent.</p>
County of Northumberland, 24.4.1979 , Run 33, 1:16 000, B&W	
<p>Southern Area – Philip House has been established near the existing water reservoir.</p> <p>Western Area – the sewerage treatment plant has been established.</p>	<p>South- increase in residential dwellings.</p> <p>South west – forestry area (timber crop?) established along with unsealed access roads.</p>
County of Northumberland, 7.7.1979 , Run 32E, 1:16 000, B&W	
No change	No change.
Sydney, 6.11.1982 , Run 2, 1:16 000 Colour	
Western Area – the RTA Depot has been established.	No change.
Sydney, 20.8.1986 , Run 3, 1:16 000 Colour	
Southern Area – large water reservoir is now established. The small water reservoir has a	South and West – The Kariong part of the

Site Observations	Surrounding Site Observations
<p>new roof.</p> <p>Western Area – the main dam is established on the creek line and is full of water.</p> <p>The RTA depot still remains as part of the development of the Central Coast Highway, which is almost complete.</p>	<p>Central Coast Highway is almost complete.</p> <p>South west – clearing has commenced for the new residential area.</p> <p>North – a new, large industrial warehouse has been established.</p>
Gosford, 16.3.2002 , Run 12, 1:25 000 Colour	
<p>Southern Area - the festival area (north and south of Festival Drive) and Festival Drive is established. This replaces a grassed paddock and sports field.</p> <p>Western Area – the sewerage treatment works no longer exists and is now a grassed area, with former structural footprints still apparent.</p> <p>The main dam is almost dry. A new cleared area and a road type structure is established south of the main dam.</p> <p>The vocational training unit has been established in the former RTA depot area. The cleared area (RTA parking and storage yard?) north of the vocational training unit is now overgrown.</p> <p>A new internal road from the vocational training unit to the McCabe Convention Centre is established.</p> <p>Cleared areas are now apparent south of the vocational training unit.</p>	<p>North – New high security detention centre is established, which replaces farmland and the dairy/piggery in this area. New cleared (sand quarry?) area apparent on former farmland north of the new detention centre.</p> <p>South – the new Kariong Fire Station is also established (March 2000).</p> <p>West – heavy clearing adjacent to the Western Site boundary is apparent due to the completion of the Kariong section of the Central Coast Highway and subsequent increase of commercial/industrial warehouse facilities in this area.</p> <p>South west – expansion of residential area with new roads established. Unsealed road and dam adjacent to residential area no longer accessible and completely overgrown.</p> <p>East – New sports field completed.</p>
CCRDC, September 2010 , Colour	
<p>New land uses are as follows:</p> <p>Western Area – Mt. Penang Gardens and Lower Dam and new internal roads in the vicinity of the former sewerage treatment works.</p>	<p>New land uses are as follows:</p> <p>South – Kariong Mountains High school (not part of the legal Site boundary) is established and replaces north part of the festival area.</p>

4.5 INDUSTRIAL AND MANUFACTURING PROCESSES ON THE SITE

There have been no manufacturing or industrial processes undertaken on the Site apart from the sewerage treatment plant in the western area (Precinct D) of the Site. Aerial photographs convey that this was established around 1979 and had been decommissioned and demolished by 1999. It comprised one large rectangular lagoon and minor infrastructure only. An Environmental Protection Licence (EPL) for this sewerage treatment plant was not found on the DECCW Public POEO Register by RCA and the EPL was not able to be provided to RCA by CCRDC.

4.6 DETAILS AND LOCATIONS OF FORMER UST AND AST

Details and locations of former fuel storage facilities were provided in a previous report by RCA (Ref [4]). In summary, two underground storage tanks (evidence suggested one diesel and 1 petrol UST) were located in the eastern area of the Site adjacent to building 37, the former Tool Store and Small Motors Workshop for the former medium security Juvenile Detention Centre.

One diesel UST was located in the western area of the Site (Precinct D) adjacent to building 54, the former Metal Trades Building for the vocational training unit (also part of the medium security Juvenile Justice Detention Centre). This area was previously part of an RTA depot.

The former fuel facilities onsite are presented in **Drawing 1** and **Drawing 2** in **Appendix A**.

These USTs were decommissioned and removed in 2001 from the Site as reported by RCA (Ref [4]). The RCA report concludes the following:

“Three USTs have been removed from the Site. Most of the contamination has been removed with any remaining contamination considered not to require remediation. The tank pits have been backfilled and brought to finished surface level. Land farming of the original backfill sands is complete and the material is suitable for re-use on the Site or as use for clean fill.”

The RCA report notes that a previous report by Jeffery and Katauskas Pty Ltd (Ref [2]) states that an above ground storage tank (AST) was also located in the vicinity of building 37, the former Tool Store and Small Motors Workshop for the former medium security Juvenile Detention Centre. However, the RCA report states that *“this tank was not present at the time of the RCA investigation and the fate of this tank is unknown”*.

A dangerous goods search conducted by WorkCover NSW did not locate any records pertaining to the Site, as stated in a letter dated 7 February 2011, which is presented as **Appendix F**.

4.7 DISPOSAL LOCATIONS

A previous report by Jeffery and Katauskas Pty Ltd (Ref [2]) reports the following observations about the Site; *“There are several small stockpiles to the south of the vocational training unit (Precinct D) which have been referred to by the Festival Development Corporation as a rubbish dump. These stockpiles appeared to comprise cleared trees and a topsoil dump. Two old cars and a 'burnt out' boat were dumped in this vicinity.”*

An interview with a previous employee (Mr Colin Jose 1975 – 1985) of the former Kariong Detention Centre indicated that general household waste from the detention centre was disposed of behind the main oval and adjacent sports field on the eastern part of the Site. Building rubble/waste may also have been disposed of in this area.

4.8 LOCAL SITE KNOWLEDGE OF FORMER RESIDENTS AND STAFF

Previous reports by Jeffery and Katauskas Pty Ltd (Ref [1 to 3]) and RCA (Ref [4]) have included this information. These reports were reviewed by RCA and pertinent information from these reports has been included in this report.

4.9 HISTORICAL USE OF ADJACENT LAND

A previous report by Jeffery and Katauskas Pty Ltd (Ref [2]) reported that part of the land adjacent to the north boundary of the Site was used as a piggery and dairy from approximately 1965 to 1999. The piggery and dairy was decommissioned in 1999 and a large proportion of the soil was removed during the construction of the carpark for the high security detention facility, which now exists in this area. Some of the piggery manure waste was reportedly spread on parts of the western area (Precinct D) of the Site. Typical contaminants associated with piggery and dairy farming include:

- Nitrates;
- Phosphates;
- Potassium;
- Livestock sewage waste; and
- Total Dissolved Solids (TDS) in local water bodies.

4.10 LOCAL USAGE OF GROUND/SURFACE WATERS AND LOCATIONS OF BORES/PUMPS

The landscape characteristics of the Mt Penang Parklands derive from its bushland setting. Originally separated from suburban development, it is located on a broad, ridge top plateau with gentle slopes suitable for farming. Its central drainage swale and underground stream allowed for a readily available water supply and the main man-made dam on site. The eastern side of the ridge has steep rock benches downslope.

Surface water drainage at the Site is mainly towards the South west via the central drainage swale/creek on the Site. This creek crosses the southern boundary of the Site and discharges to Piles Creek, which drains into the Hawkesbury River, approximately 9km south west of the Site.

It is evident that the on site surface water features (underground stream, drainage swale and dam) were historically used for drinking water, farming (watering crops and livestock) and gardening. Currently the Mt Penang Gardens utilises the surface water for its series of onsite dams and most likely for any other water features in the gardens.

A groundwater bore search was conducted by the NSW Office of Water. Results of the search are summarised in **Table 6** and presented in full (including a bore location map) as **Appendix G**. It is noted that the search was conducted on a 0.5km radius around the Site, however no bores were located within this area, therefore the information for the nearest bores to the Site was provided.

Table 6 *Local Groundwater Bores*

Bore ID	Location	Use	Owner	Bore Depth (m)	Standing Water Level (SWL) (m)	Water bearing zone (m)
GW013660	Approximately 0.5km south of the Site	Domestic use	Private owner	3.8	1.8	3.5
GW026412	Approximately 0.5km north east of the Site	Irrigation and Stock	Private owner	43.8	-	-
GW056846	Approximately 0.5km north east of the Site	Domestic use	Private owner	67.6	28	32.9 and 62.5
GW104881	Approximately 0.3km north east of the Site	Domestic stock	Private owner	108.3	31	24.3, 67.4 and 106

5 SITE CONDITION AND SURROUNDING ENVIRONMENT

5.1 TOPOGRAPHY

Site topography information was summarised from previous reports for the Site by Jeffery and Katauskas Pty Ltd (Ref [1] to Ref [3]). The Site is located on and around the crest of a hill in a hilly region to the east of the Sydney to Newcastle (F3) Freeway and to the north of the Pacific Highway.

There are two ridgelines on the Site (Eastern and Western ridgelines), both running north to south across the Site. A main drainage swale/creek (and associated dams) runs north to south in the centre of the Site.

The slopes on the Eastern ridgeline are typically of the order of 2° to 3° to the east (typically) around the new high security Juvenile Detention Centre (adjacent to the Site) and then steepen to an average of about 10° to 12° (with several minor cliffs in the steeper area).

The ridge falls at about 2° to 3° to the west toward the creek running approximately north-south near the middle of the Site. The southern end of this hillside contains gently sloping grassed paddocks and horse riding facilities. The central portion contains the majority of buildings on relatively flat ground.

The Western ridgeline on site has side slopes typically in the range of 2° to 3°.

5.2 CONDITIONS AT THE SITE

A Site visit was conducted by RCA on 10 December 2010. The following observations were made:

- Wire fencing was common across the Site and sometimes in need of repair.

- Soil in most areas appeared stable, however Jeffery and Katauskas Pty Ltd reported (Ref [2]) that at the time of their Site visit in 1999 the existing ground surface was wet and soft underfoot or there was a relatively shallow groundwater table over most of the Site.
- Erosion appeared to be very minimal as most areas onsite had a well established vegetative cover or hardstand cover.
- Visible signs of contamination (soil discolouration or staining) were not observed and no odours were encountered on the Site or offsite adjacent to the Site boundary.
- No visible signs of plant stress were evident at the Site.
- Some building rubble and evidence of fill was observed at various places along the creek line which traverses the Site (North to South). Soil and building rubble stockpiles were observed south and east of the former vocational training unit (Western Area of the Site – Precinct D).
- Buildings and roads on site appeared to be all in good condition.
- The water quality of the dams and creek on site appeared to be very good.
- Due to the topography of the Site (ridgelines, gentle and steep slopes and central drainage swale/creek line) it is likely that the flood potential of the Site is fairly low, however the relatively shallow groundwater table combined with the underground stream on the Site may lead to flooding of the Site in some areas.
- The creek on site crosses the southern boundary and discharges to Piles Creek, which drains into the Hawkesbury River, approximately 9km south west of the Site. The head of Brisbane Waters is approximately 1.9km north east of the Site.
- The Site is classified as a General Conservation Area [Gosford Local Environmental Plan 2009 (Draft) Heritage map - sheet HER-018].
- Brisbane Water National Park is located almost adjacent to the north-east and south-west of the Site. An environmental conservation area is also located to the south-west of the Site [Gosford Local Environmental Plan 2009 (Draft) Land zoning map - sheet LZN-018].

6 GEOLOGY AND HYDROGEOLOGY

6.1 SOIL STRATIGRAPHY

Reference to the Sydney 1:250 000 Geological Sheet indicates that the Site would be expected to be underlain by the Triassic aged Narrabeen Group comprising sandstone, tuff and shale.

In general terms the subsurface conditions encountered on the wider site comprise silty sand topsoil (0.1m to 0.5m) over predominantly sandy soils (0.8m to 1.2m) and sandstone bedrock (0.5m to >2.7m), as reported by Jeffery and Katauskas Pty Ltd (Ref [2]).

Boreholes in the far western part of the Site and in the eastern section of the Site (near former fuel facilities) typically encountered fill (0.125m to 0.4m) overlying silty/clayey sand (0.7m to 1.8m) that was underlain by sandstone (0.7m to 1.8m) as reported by Jeffery and Katauskas Pty Ltd (Ref [2]).

6.2 LOCATION AND EXTENT OF IMPORTED AND LOCALLY DERIVED FILL

Previous reports (Refs [1 to 3]) indicate that fill was used on site for the construction of embankments near the sports fields and ovals (all located in the eastern section of the Site) and for the embankments of dams and around the former sewerage treatment plant (located in the western section of the Site – Precinct D). CCRDC provided information regarding the source of the fill, as follows:

- Uncharacterised fill atop the eastern escarpment was excavated from bushland for the Kariong juvenile detention centre site levelling.
- Fill to the south of the lower dam/ lake was excavated from the original Event Park site; now the Kariong Mountains High School (KMHS) site.
- Stockpile areas south of the vocational training unit site (Precinct D) near the bushland edge are made up of crushed sandstone removed from the former Event Park site in 2009 to level the site for KMHS. This fill was first imported by public works for the original Event Park site. The fenced compound contains excavated material from the RTA's Central Coast Highway improvement works and underpass construction. A condition of their occupancy is that all material be removed from the site upon their completion of works. Placement of fill here has been monitored by CCRDC staff.

Fill was also encountered near fuel facilities located in the eastern and western sections of the Site. A previous report by RCA (Ref [4]) indicates that excavated materials from the fuel storage facilities remediation was land-farmed onsite and along with imported fill was most likely re-used on site (the previous report by RCA shows that all contaminant levels in the imported and land-farmed fill were below the investigation criteria provided in the NSW EPA, *Guidelines for Assessing Service Station Sites*, December 1994, (Ref [5])).

6.3 DESCRIPTION AND LOCATION OF SPRINGS AND WELLS IN THE VICINITY

The following information is from the Heritage Council of New South Wales 2008 webpage ([http://www.visit.heritage.nsw.gov.au/16_subnav_09_2.cfm?item_id=&itemid=5053898&sort_by=&item_name=&suburb_name=&product_category=&state_theme=&product_region:](http://www.visit.heritage.nsw.gov.au/16_subnav_09_2.cfm?item_id=&itemid=5053898&sort_by=&item_name=&suburb_name=&product_category=&state_theme=&product_region;)

Construction of the medium security Juvenile Detention Centre commenced in the eastern area of the Site in 1912. This included the construction of a mile long drain to the north of the building site (central drainage swale) using a road plough, and the sinking of a well 3.65m (12ft) deep to tap the underground stream for fresh water. This central drainage swale still exists on site but the well no longer exists on site.

In 1914 a permanent dam (which still exists on site) and concrete reservoir were completed, supplying the site with constant fresh water.

6.4 GROUNDWATER DEPTH AND FLOW

A previous report by Jeffery and Katauskas Pty Ltd (Ref [1]) states that groundwater was encountered at 1m to 2.3m at two boreholes (BH305 and BH306) at the former vocational training unit area in the western section of the Site (Precinct D). It is suspected that the groundwater follows the topography in this area and therefore flows to the north (Ref [1]).

It was also stated (Ref [1] and Ref [4]) that groundwater was encountered at 1.8m to 5.0m at five boreholes (BH1 and BH301 to BH304) located near the former tool store and small motors workshop, which was part of the former Juvenile Detention Centre, in the eastern section of the Site. The topography in this area slopes to the south west towards the central drainage swale/creek on site and therefore it is likely that the groundwater in this area also flows in this direction. This creek crosses the southern boundary of the Site and discharges to Piles Creek, which drains into the Hawkesbury River, approximately 9km south west of the Site.

Groundwater seepage was encountered in test pits across the wider Site (TP201 to TP221) at depths from 0.5m to 1.1m, as reported by Jeffery and Katauskas Pty Ltd (Ref [2]). This report also stated that there were isolated locations where no groundwater seepage was encountered, there was no obvious pattern to the areas where seepage was not encountered, and that the existing ground surface is wet and soft underfoot or there is a relatively shallow groundwater table over most of the Site.

In the area now occupied by the new high security Juvenile Detention Centre, and formerly occupied by a piggery/dairy farm (adjacent to the eastern boundary of the Site) it was reported (Ref [2]) that there were many easements and pipelines passing through the site. Poorly backfilled trenches from buried services such as these can form potential contamination migration pathways; groundwater containing contaminants can preferentially flow along these trenches.

6.5 DIRECTION OF SURFACE WATER RUNOFF AND PREFERENTIAL WATER COURSES

Surface water drainage at the Site is mainly towards the South west via the central drainage swale/creek on the Site. Previous reports by Jeffery and Katauskas Pty Ltd (Ref [1] to Ref [3]) state that there are four dams in the creek; these were presumably for watering the cattle that previously grazed in the grassed paddocks. The creek flows into a larger dam (main dam on site) located to the west of the former Juvenile detention facility. There is a small spillway at the south-western corner of the main dam. The spillway flows back into the original creek bed.

The Mt Penang Gardens now utilise the main dam and have established a series of other smaller dams downstream as part of the gardens. The creek on site crosses the southern boundary and discharges to Piles Creek, which drains into the Hawkesbury River, approximately 9km south west of the Site.

Previous reports by Jeffery and Katauskas Pty Ltd (Refs [1] to Ref [3]) state that the ground surface on the western side of the creek is typically quite wet and soft underfoot (the exception is in the southern portion of the site which is currently used for festivals). This wet condition may be due to shallow sandstone bedrock limiting drainage.

In the far western area of the Site, it is likely that surface water would flow to the north or north west on to Kangoo Road and eventually drain into the head of Brisbane Waters, which is approximately 1.9km north east of the Site.

It is likely that surface water in the far east part of the Site would flow in a south easterly direction and also eventually drain into Brisbane Waters at Woy Woy Bay, which is approximately 5.0km south east of the Site.

7 PREVIOUS SOIL AND GROUNDWATER ANALYSIS RESULTS

Previous reports (Ref [1] to Ref [4]) were reviewed by RCA and the findings of this review are detailed in the RCA report titled *Review of Contamination and Geotechnical Reports, Off the Central Coast Highway, Kariong, NSW, (Draft) December 2010* (Ref [6]). A site map showing the previous sampling locations is presented as **Drawing 1** and **Drawing 2** in **Appendix A**.

This section presents a summary of results from the previous reports where contaminant sampling and analysis was undertaken.

7.1 LIMITED ENVIRONMENTAL SITE SCREENING, 30 SEPTEMBER 1999 (REF [1])

The following summary of results is from the previous report by Jeffery and Katauskas Pty Ltd (Ref [1]) for the Site titled *"Report to Festival Development Corporation on Limited Environmental Site Screening for Mt Penang Masterplan – Stage 2 at Corner of Pacific Highway and Kangoo Road, Mt Penang, NSW"*, dated 30 September 1999:

Laboratory soil analysis data was assessed by comparison of laboratory results with the levels detailed in the *Guidelines for the NSW Site Auditor Scheme, 1998 ("Parks and recreational open space")* (Ref [7]) and the *NSW EPA Guidelines for Assessing Service Station Sites, 1994* (Ref [5]).

Organochlorine Pesticides

Two composite soil samples were prepared in the laboratory and were analysed for organochlorine pesticides (OCP). Composite details are as follows:

- Composite 1: BH202 (0-0.1m), BH208 (0-0.1m) and BH220 (0-0.05m) - Near surface soils from east section of the site.
- Composite 2: BH204 (0-0.1), BH206 (0-0.05) and BH217 (0-0.1) - Near surface soils from west section of the site.

The results of the analyses were less than the practical quantitation limits (PQL) of the analytical methods used, and with due consideration to the composite nature of the sample, indicate the concentration in the sub-samples to be below the "Parks and recreational open space" levels detailed in the *Guidelines for NSW Auditors Scheme, 1998* (Ref [7]).

Lead

Seven soil samples taken from the vicinity of three underground storage tanks were analysed for lead. All of the results were less than the guideline concentration specified in the *NSW EPA Guidelines for Assessing Service Station Sites, 1994* (Ref [5]). Since the criteria in the Service Station Guidelines (Ref [5]) are no longer relevant for lead, it is noted that all of the results were also less than the guideline concentration specified in the NEPM HIL 'A' guidelines (Ref [8]), which provides the current investigation criteria for lead in soil.

Total Petroleum Hydrocarbons (TPH) and Monocyclic Aromatic Hydrocarbons (MAH)

Seven soil samples taken from the vicinity of three underground storage tanks were analysed for TPH and MAH compounds (BTEX - Benzene, Toluene, Ethylbenzene and Xylenes). The results of the analyses were less than the PQL of the analytical methods used and below the guideline concentration specified in the *NSW EPA Guidelines for Assessing Service Station Sites, 1994* (Ref [5]), except for sample BH302 (0.5 to 0.8m) .

The concentration of the C₁₀ - C₃₆ petroleum hydrocarbon fraction in sample BH302 (0.5 to 0.8m) was 2830 mg/kg. The guideline concentration for the C₁₀ - C₃₆ petroleum hydrocarbon fraction is 1000 mg/kg.

The concentration of toluene in sample BH302 (0.5-0.8m) was 1.6 mg/kg. The guideline concentration for toluene is 1.4 mg/kg.

One sample [TP205 (0 to 0.1m)] from the area occupied by the demolished sewage treatment plant was analysed for petroleum hydrocarbons. The results of the analyses were less than the PQL of the analytical methods used and below the guideline concentration specified in *NSW EPA Guidelines for Assessing Service Station Sites, 1994* (Ref[5]).

Groundwater

Laboratory water analysis data was assessed by comparison of laboratory results with threshold concentrations for the protection of aquatic eco-systems specified in *NSW EPA Guidelines for Assessing Service Station Sites, 1994* (Ref [5]). Groundwater results are as follows:

- Six water samples were analysed for lead. All of the results were less than the guideline concentration specified in the Service Station Guidelines (Ref [5]).
- Six water samples were analysed for TPH/BTEX. All of the results were less than the PQL of the analytical techniques and the guideline concentration specified in the Service Station Guidelines (Ref [5]).

Since the criteria in the Service Station Guidelines (Ref [5]) are no longer relevant for, it is noted that all of the groundwater results were also less than current guideline concentrations specified in the *ANZECC Water Quality Guidelines (95% protection limit for freshwater), 2000* (Ref [9]).

7.2 TANK REMOVAL AND ENVIRONMENTAL ASSESSMENT, FEBRUARY 2002 (REF [4])

The following summary of results is from the previous report by RCA (Ref [4]) for the Site titled *"Tank Removal and Environmental Assessment, Festival Development Corporation Site, Mt Penang"*, dated February 2002.

Following the decommissioning and removal of the USTs and associated infrastructure onsite, selected soil and groundwater samples were analysed for TPH, BTEX and Lead. A table showing all RCA results is provided in **Appendix H**. In summary the following results were reported:

Tank 1

Tank 1 is the UST located adjacent to Building 37 of the former juvenile detention centre – eastern area of the Site.

Results indicated that samples from the tank pit contained no significant levels of contamination. The two samples from below the bowser (Bs1-3 and Bs1-4) contained elevated levels of TPH and BTEX which exceeded the *NSW EPA Guidelines for Assessing Service Station Sites, 1994* (Ref [5]).

The original backfill sands (B1-1 to B1-4) contained elevated levels of TPH which exceeded the guidelines and therefore this material was land farmed until sample contaminant concentrations fell below the guidelines. Results for the imported backfill material all fell below the NEPM HIL 'A' guidelines (Ref [8]) and the *NSW EPA Guidelines for Assessing Service Station Sites, 1994* (Ref [5]).

Results of the groundwater samples (BH301 – BH303) from the three bores surrounding the tank pit were all below the *NSW EPA Guidelines for Assessing Service Station Sites, 1994* (Ref [5]) and the *ANZECC Water Quality Guidelines (95% protection limit for freshwater), 2000* (Ref [9]).

The contaminants (TPH and BTEX) beneath the bowser (which remain in situ) were not considered to be of concern for the following reasons:

- Contamination occurs at a depth of 1m and therefore human contact is highly unlikely.
- The extent of the contamination is minimal with surrounding bores (less than 3m away) showing low contaminant levels.
- Groundwater in the immediate vicinity of the soil contamination shows no signs of contamination, therefore there are no contamination migration issues.

Tank 2

Tank 2 is the second UST located adjacent to Building 37 of the former juvenile detention centre – eastern area of the Site.

Results from the tank pit, bowser area, original backfill sands and imported backfill were all below the relevant guidelines (which were referred to in the results for Tank 1).

No groundwater sampling was undertaken in the vicinity of Tank 2.

Tank 3

Tank 3 is the UST located adjacent to Building 54 in the former vocational training unit (also former RTA Depot) – Western Area of the Site (Precinct D).

Results from the tank pit, original backfill sands and imported backfill were all below the relevant guidelines (Ref [5 and 8]).

The samples from below and around the bowser (BwB1 to BwB2) contained elevated levels of contaminants (TPH and BTEX) which exceeded the Guidelines and therefore this material was land farmed until sample contaminant concentrations fell below the Guidelines. The base of the bowser pit was further excavated and sampled. Final bowser pit sample results (BwB3 to BwB4) were below the Guidelines.

Contaminants (hydrocarbons) remain in the walls of the bowser pit but these are not considered to be of concern for the following reasons:

- Contaminants occur at a depth of 1.5m and therefore human contact is highly unlikely.
- The extent of contamination is considered to be minimal with surrounding bores, RCA W3 and RCA W5 (less than 2m away) showing low contaminant levels. The bore closest to the bowser (RCA W1) had some contamination.
- The base of the bowser pit was made free of contamination.
- The remaining contamination occurs in small veins of weathered sandstone and therefore it is likely that only a small mass of contaminants remain.

Groundwater samples taken from the three bores near the bowser area (RCA W3 and RCA W5) contained levels of contaminants below the relevant guidelines. The groundwater sample taken from beneath the bowser pit (RCA W1) contained levels of BTEX which exceeded the relevant guidelines (which were referred to in the results for Tank 1) by up to eight times.

Elevated groundwater contaminant levels are not considered to be of concern for the following reasons:

- Contamination occurs at a depth of 5m and therefore human contact is highly unlikely.
- There is no free product.

- The extent of contamination is minimal with surrounding bores, RCA W3 and RCA W5 (2 to 4m away) containing levels of contaminants below the relevant guidelines.

8 CONTAMINANT SOURCES AND POTENTIAL OFF SITE EFFECTS

Following a review of the previous investigation reports (Ref [1 to 4]) and other historical and current information for the Site, the main contaminant sources remaining on site and potential off site effects are considered to be the following:

- Contaminants in soil associated with the former paint shop/store in the vicinity of the former vocational training unit (western area of the Site – Precinct D) and subsequent contamination of surface water and groundwater, potentially affecting the quality of water down gradient of the Site.

Anecdotal evidence suggests that the paint shop/store was destroyed by a fire in 2009 and that the surrounding ground was also burnt in the fire, which may have resulted in the destruction of any volatile solvents at the shop and in the area. However, without soil sample and analysis results, uncertainty remains regarding the type and extent of contamination in this area.

- Contaminants in soil associated with the former Sewerage Treatment Works (western area of the Site – Precinct D) and subsequent contamination of surface water and groundwater, potentially affecting the quality of water down-gradient of the Site.

Anecdotal evidence suggests that the former sewerage works was partially encroached by civil works in mid-2009 and the material from the sewerage works which was unsuitable for road construction was removed from the site. Disturbed areas were either stabilised with 7% cement (beneath new roads) or reinstated as roadside verges and re-turfed.

It is noted that material unsuitable for road construction was removed from this area to an off site location, however without sufficient soil sampling and analysis results, uncertainty remains regarding the type and extent of contamination in this area.

- Contaminants in soil associated with the former RTA depot (western area of the Site – Precinct D) and subsequent contamination of surface water and groundwater, potentially affecting the quality of water down-gradient of the Site.
- Contaminants present in any uncharacterised fill on site, including but not limited to: embankments near the sports fields and ovals (all located in the eastern section of the Site), embankments of creek/dams, around the former sewerage treatment plant (located in the western section of the Site – Precinct D) and stockpiles located to the south and east of the former vocational training unit (located in the western section of the Site – Precinct D).

- CCRDC has advised that clean fill sourced from the bushland onsite was used in the eastern escarpment. However, information from a previous employee (1975 – 1985) of the Kariong Detention Centre revealed that “household waste” from the detention centre and possibly building rubble waste was dumped behind the main sports oval and adjacent sports field in the eastern section of the Site. Therefore there may be multiple sources of the fill used in the eastern area of the Site and hence uncertainty remains regarding the type and extent of contamination in the fill in this area.
- CCRDC has advised that clean fill from the original event park site (now the KMHS Site) was used around the lower dam/lake on site, however aerial photos reveal that the original event park site was used as a sports field (cleared and constructed in the period 1982 to 1986) prior to its use as the original festival event park and high school, respectively. Therefore there may be multiple sources of the fill used in this area and hence uncertainty remains regarding the type and extent of contamination in the fill in this area.
- CCRDC has advised that stockpiles of material located to the south and east of the former vocational training unit (Precinct D) were either imported by the Department of Public Works (for the construction of the original Event Park) or excavated material from the RTA's Central Coast Highway improvement works and underpass construction. The original (exact) source location of this material remains unknown and given that this material remains on site, uncertainty remains regarding the type and extent of contamination in the fill in these areas.

It is noted that hydrocarbon contamination remained in soil (at 1.5m) and elevated levels of BTEX were encountered in groundwater (at 5m) in the vicinity of the former UST bowser located in the former vocational training unit (western area of the Site – Precinct D) as reported by RCA (Ref [4]) in 2002. Hydrocarbon contamination also remained in soil (at 1m) in the vicinity of the former UST bowser located adjacent to Building 37 of the former juvenile detention centre – eastern area of the Site as reported by RCA (Ref [4]).

Remedial actions undertaken by RCA in 2002 included the decommissioning and removal of three USTs and their associated infrastructure, land farming of contaminated soil and backfilling the excavated areas with clean fill. These actions have eliminated the risk of further contamination of the soil and groundwater in this area. Any small amount of residual contamination remaining in-situ in this area is very unlikely to cause harm to any sensitive receptor (eg, site workers, site visitors, downstream users of groundwater and the environment) due to its inaccessibility.

9 CONCLUSION AND RECOMMENDATIONS

This report has presented the findings of a Phase 1 environmental site investigation undertaken at the Mt Penang Parklands site. The scope of work included review of historical zoning and use, review of historical aerial photographs, anecdotal evidence, registered groundwater search, WorkCover search and review of previous reports. A site inspection was also undertaken

The Site is considered suitable for its proposed use of commercial/industrial and continued use (retained use) of open space/recreation areas. However, a more sensitive land use (such as a residential premise) would require a specific contamination investigation, involving further sampling and analysis to ensure site suitability.

Any development involving excavation of recreation areas such as former and current sports fields and ovals, would require a specific contamination investigation, involving further sampling and analysis to ensure that the Site is suitable for its intended use.

It is recommended that stockpiles of material south and east of the former vocational training unit (Precinct D) would need to be characterised (sampled and analysed) prior to use and/or development in this area, unless accurate waste tracking records can be provided or removal of the material by the RTA can be confirmed.

10 LIMITATIONS

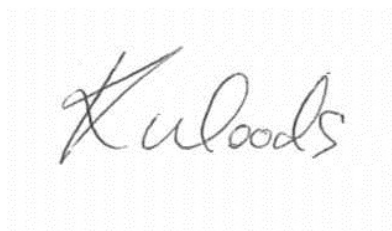
This report has been prepared for APP Corporation Pty Ltd who is acting on behalf of the Central Coast Regional Development Corporation in accordance with an agreement with RCA dated 27 January 2011. The services performed by RCA have been conducted in a manner consistent with that generally exercised by members of its profession and consulting practice.

This report has been prepared for the sole use of APP Corporation Pty Ltd. The report may not contain sufficient information for purposes of other uses or for parties other than APP Corporation Pty Ltd. This report shall only be presented in full and may not be used to support objectives other than those stated in the report without written permission from RCA.

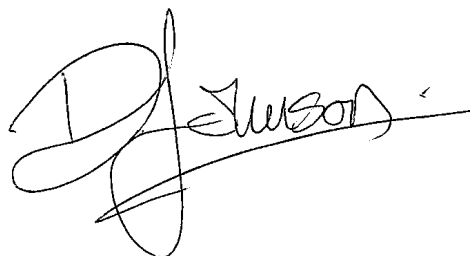
The information in this report is considered accurate at the date of issue with regard to the current conditions of the site. Conditions can vary across any site that cannot be explicitly defined by investigation. Environmental conditions including contaminant concentrations can change in a limited period of time. This should be considered if the report is used following a significant period of time after the date of issue.

Yours faithfully

RCA AUSTRALIA



Kate Woods
Environmental Scientist



David Johnson
Principal Environmental Engineer

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- [1] Environmental Investigation Services (a division of Jeffery and Katauskas Pty Ltd) *Report to Festival Development Corporation on Limited Environmental Site Screening for Mt Penang Masterplan – Stage 2 at Corner of Pacific Highway and Kangoo Road, Mt Penang, NSW*, 30 September 1999, (ref: E14405SFrpt).
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- [3] Jeffery and Katauskas Pty Ltd *Report to Festival Development Corporation on Further Geotechnical Investigation for Mt Penang Masterplan – Stage 2 at Corner of Pacific Highway and Kangoo Road, Mt Penang, NSW*, 8 September 1999, (ref: 14405SP2rpt).
- [4] Robert Carr and Associates Pty Ltd, *Tank Removal and Environmental Assessment, Festival Development Corporation Site, Mt Penang*, February 2002, (RCA ref: JN2303).
- [5] NSW EPA, *Guidelines for Assessing Service Station Sites*, December 1994.
- [6] RCA Australia, *Review of Contamination and Geotechnical Reports, Off the Central Coast Highway, Kariong, NSW*, (Draft) December 2010 (ref: 8325 – 401/0).
- [7] DEC, *Guidelines for the NSW Site Auditor Scheme*, 1998
- [8] NEPC, *National Environment Protection (Assessment of Site Contamination) Measure*, 1999.
- [9] ANZECC, *Australian and New Zealand Guidelines for Fresh and Marine Water Quality*, October 2000.

GLOSSARY

ANZECC	Australian and New Zealand Environmental Conservation Council.
Aromatic	Ring formation of carbon atoms.
HIL 'A'	Standard Residential Health Based Investigation Level, pg 9 Schedule B1, <i>National Environment Protection (Assessment of Site Contamination) Measure</i> .
HIL 'D'	Residential with minimal opportunities for soil access Health Based Investigation Level, pg 9 Schedule B1, <i>National Environment Protection (Assessment of Site Contamination) Measure</i> .

HIL 'E'	Parks, recreational open space and playing fields Health Based Investigation Level, pg 9 Schedule B1, <i>National Environment Protection (Assessment of Site Contamination) Measure</i> .
HIL 'F'	Commercial/industrial Health Based Investigation Levels, pg 9 Schedule B1 <i>National Environment Protection (Assessment of Site Contamination) Measure</i> .
Hotspot	A sample, or location, where contaminant concentrations exceed 250% of the appropriate guideline.
In-Situ	In place, without excavation.
Interlaboratory	Prefix inter – as meaning between. A sample sent to two different laboratories for comparative analysis.
Intralaboratory	Prefix intra – as meaning within. A sample sent twice to the sample laboratory for comparative analysis.
LEP	Local Environment Plan. A planning tool for the Local Government.
NEPC	National Environment Protection Council.
NEPM	National Environment Protection Measure.
PID	Photoionisation Detector. Measures volatile gases in air or emanating from soil or water.
PQL	Practical Quantitation Limit.
QA	Quality Assurance.
QC	Quality Control.

Chemical Compounds

BTEX	Benzene, Toluene, Ethylbenzene, Xylene.
OCPs	Organochlorine Pesticides.
PAH	Polycyclic Aromatic Hydrocarbons. Multi-ring compounds found in fuels, oils and creosote. These are also common combustion products.
TPH	Total Petroleum Hydrocarbons.

Appendix A

Drawings 1 and 2 – Site Map



Locality Plan
N.T.S.

LEGEND

- Approximate test pit location
- Approximate borehole location
- Approximate site boundary



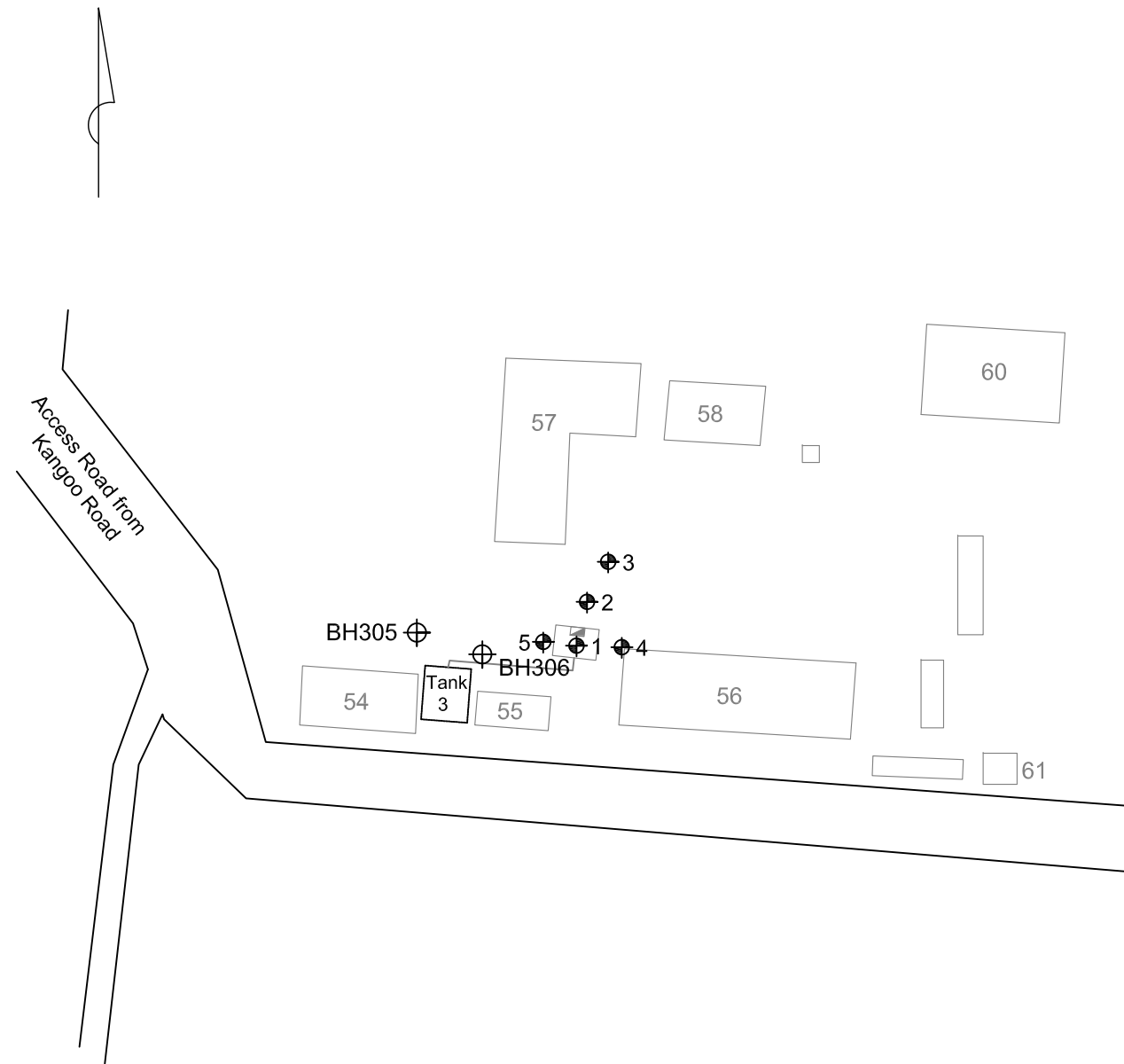
NOTE: Sample locations taken from Jerrery and Katauskas Pty Ltd plan Report No 14405SP2, Fig 1 Dated 18/6/2010
Aerial Image taken from Google Earth, Dec 18 2006



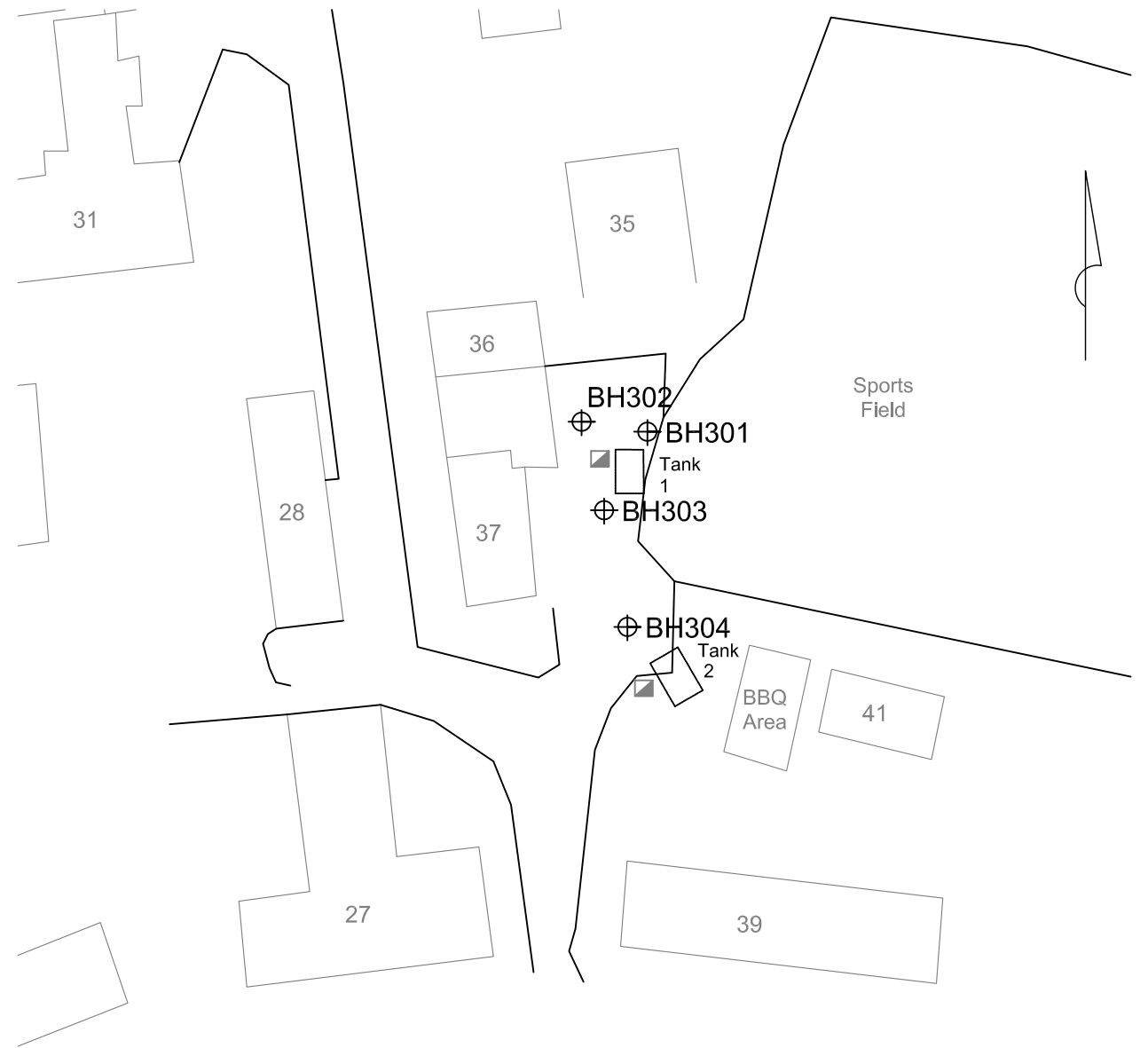
REVIEW OF CONTAMINATION
GEOTECHNICAL REPORT
MT PENANG PARKLANDS
MT PENANG NSW

CLIENT APP Corporation Pty Limited			RCA Ref 8325-402/2		
DRAWN BY	SC	SCALE	1 : 5000 (A3)	DRAWING No	1
APPROVED BY	DJ	DATE	25/3/2011	OFFICE	NEWCASTLE
				REV	0

CDT-DWG-A3H-001/1



Detail 1




Detail 2

LEGEND



RCA bore location 2001
Jeffery and Katauskas P/L bore location 1999

 GEOTECHNICAL • ENVIRONMENTAL		TANK DETAIL REVIEW OF CONTAMINATION GEOTECHNICAL REPORT MT PENANG PARKLANDS MT PENANG NSW			
CLIENT APP Corporation Pty Limited			RCA Ref 8325-402/0		
DRAWN BY	SC	SCALE	N.T.S.	DRAWING No	2 REV 0
APPROVED BY	DJ	DATE	25/3/2011	OFFICE	NEWCASTLE

Appendix B

Site Precinct Map



precinct A

precinct B

high sch

precinct C

precinct E

mc cabé hse

event park

exhib

precinct D

precinct F

Kangaroo Rd

CC Hwy

F3 freeway

Appendix C

Current Title Search

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 10/1149050

SEARCH DATE	TIME	EDITION NO	DATE
-----	----	-----	----
31/1/2011	11:36 AM	1	13/5/2010

LAND

LOT 10 IN DEPOSITED PLAN 1149050
AT KARIONG
LOCAL GOVERNMENT AREA GOSFORD
PARISH OF GOSFORD COUNTY OF NORTHUMBERLAND
PARISH OF PATONGA COUNTY OF NORTHUMBERLAND
TITLE DIAGRAM DP1149050

FIRST SCHEDULE

FESTIVAL DEVELOPMENT CORPORATION

SECOND SCHEDULE (30 NOTIFICATIONS)

- 1 LAND EXCLUDES MINERALS - SEE SECTION 171 CROWN LANDS ACT 1989 AS REGARDS THE PART SHOWN DESIGNATED (A2) IN THE TITLE DIAGRAM
- 2 AA686135 LEASE TO KARIONG COMMUNITY PRE-SCHOOL KINDERGARTEN INC OF BUILDING 34, AT LOT 522 PACIFIC HIGHWAY, MOUNT PENANG, KARIONG. EXPIRES: 12/1/2017. OPTION OF RENEWAL: 6 YEARS.
- 3 AA957933 LEASE TO ENERGYAUSTRALIA OF SUBSTATION PREMISES NO 12394 TOGETHER WITH RIGHT OF WAYS & EASEMENT FOR ELECTRICITY PURPOSES AFFECTING THE PARTS DESIGNATED (E), (R) & (C) IN DP1048317. EXPIRES: 28/2/2053.
- 4 AC166444 LEASE TO TONY GALLAGHER OF BUILDING 14. EXPIRES: 31/3/2009. OPTION OF RENEWAL: 3 YEARS.
- 5 AC166454 LEASE TO CENTRAL COAST CRICKET ASSOCIATION INCORPORATED OF COTTAGE 9, BUILDING 11 & BUILDING 13, MOUNT PENANG PARKLANDS, KARIONG. EXPIRES: 31/12/2009. OPTION OF RENEWAL: 3 YEARS TOGETHER WITH FOUR OPTIONS OF 3 YEARS.
- 6 AC726576 LEASE TO BENRILE PTY LTD OF BUILDING 47, MOUNT PENANG PARKLANDS, SOMERSBY. EXPIRES: 30/9/2009. OPTION OF RENEWAL: SEE DEALING.
- 7 AD38692 LEASE TO CENTRAL COAST TOURISM INC OF BUILDING 52, MOUNT PENANG PARKLANDS, PACIFIC HIGHWAY, KARIONG. EXPIRES: 31/3/2032.
- 8 AD126653 LEASE TO CENTRAL COAST POST SCHOOL OPTIONS INCORPORATED OF BUILDINGS B45 & B46, MOUNT PENANG PARKLANDS, PACIFIC HIGHWAY, MOUNT PENANG, KARIONG. EXPIRES: 31/8/2009.
- 9 AD178252 LEASE TO COFFEY CORPORATE PTY LTD OF BUILDING 17,

END OF PAGE 1 - CONTINUED OVER

KW/RCA

PRINTED ON 31/1/2011

Espreon hereby certifies that the information contained in this document has been provided electronically by the Registrar-General in accordance with Section 96B(2) of the Real Property Act, 1900.

*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.

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 10/1149050

PAGE 2

SECOND SCHEDULE (30 NOTIFICATIONS) (CONTINUED)

-
- 10 AD449801 MOUNT PENANG PARKLANDS, PACIFIC HIGHWAY, MOUNT PENANG, KARIONG. EXPIRES: 18/1/2010.
- 11 AD450211 LEASE TO JASBIR SINGH SANDHU OF BUILDINGS 48 & 49, MOUNT PENANG PARKLANDS, MOUNT PENANG, KARIONG. EXPIRES: 22/2/2010. OPTION OF RENEWAL: 3 YEARS.
- 12 AD645261 LEASE TO VACEDA PTY LTD OF BUILDING 41, MOUNT PENANG PARKLANDS, PACIFIC HIGHWAY, MOUNT PENANG, KARIONG. EXPIRES: 31/8/2010.
- 13 AD741764 POSITIVE COVENANT
- 14 AD859745 LEASE TO JOHN JUSTIN TRAVERS OF BUILDING 38A MOUNT PENANG PARKLANDS, CENTRAL COAST HIGHWAY, MOUNT PENANG, KARIONG. EXPIRES: 16/9/2009. OPTION OF RENEWAL: 1 YEAR.
- 15 AE23182 LEASE TO VITAL HEALTH FOODS (AUSTRALIA) PTY LTD OF BUILDING 43 MOUNT PENANG PARKLANDS, CENTRAL COAST HIGHWAY, MOUNT PENANG, KARIONG. EXPIRES: 13/8/2008. OPTION OF RENEWAL: 1 YEAR WITH A FURTHER 1 YEAR OPTION.
- 16 AE23183 LEASE TO OPTICON SENSORS PTY LIMITED OF BUILDING 30, MOUNT PENANG PARKLANDS. EXPIRES: 28/2/2011.
- 17 AE201398 LEASE TO BT RYAN & ASSOCIATES PTY LTD OF BUILDING 35, MOUNT PENANG PARKLANDS. EXPIRES: 31/7/2011. OPTION OF RENEWAL: 3 YEARS.
- 18 AE285546 LEASE TO ANTHONY THOMAS KELLY OF BUILDING 18, MOUNT PENANG GARDENS. EXPIRES: 13/8/2011.
- 19 AE248647 LEASE TO COOPER & CO (CENTRAL COAST) PTY LIMITED OF BUILDING 40, MOUNT PENANG PARKLANDS. EXPIRES: 30/9/2011. OPTION OF RENEWAL: 3 YEARS.
- 20 AE474172 AE563964 LEASE OF LEASE AE285546 TO FURNISHING INDUSTRY ASSOCIATION OF AUSTRALIA LIMITED EXPIRES: 29/9/2011. BEING SUITE 2
- 21 AE528958 RIGHT OF CARRIAGEWAY 6.5, 10, 12.19, 17.5, 20.195 AND VARIABLE WIDTH AFFECTING THE SITE DESIGNATED (A1) IN THE TITLE DIAGRAM
- 22 AE703359 LEASE TO ANTHROTERRA PTY LIMITED BEING BUILDING 37, MOUNT PENANG PARKLANDS. EXPIRES: 4/1/2010. OPTION OF RENEWAL: TWO PERIODS OF 1 YEAR EACH.
- 23 AE873946 LEASE TO KU CHILDREN'S SERVICES BEING BUILDING 28A, MOUNT PENANG PARKLANDS. EXPIRES: 30/6/2012. OPTION OF RENEWAL: 3 YEARS.
- 24 AE910125 LEASE TO ANTHONY THOMAS KELLY BEING BUILDING 19, MOUNT PENANG PARKLANDS. EXPIRES: 19/4/2012.
- 25 AE873946 LEASE TO WILD CRYSTAL PTY LIMITED BEING BUILDING 44, MOUNT PENANG PARKLANDS. EXPIRES: 30/4/2010. OPTION OF RENEWAL: 1 YEAR.
- 26 AE910125 LEASE TO BAPTIST COMMUNITY SERVICES - NSW & ACT BEING BUILDING 39, MOUNT PENANG PARKLANDS. EXPIRES: 31/8/2011.

END OF PAGE 2 - CONTINUED OVER

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH
-----FOLIO: 10/1149050

PAGE 3

SECOND SCHEDULE (30 NOTIFICATIONS) (CONTINUED)

- 25 AE913448 LEASE TO CENTRAL COAST POST SCHOOL OPTIONS
INCORPORATED BEING COTTAGE 2, MOUNT PENANG PARKLANDS.
EXPIRES: 31/10/2011.
- * 26 AE919776 CAVEAT BY ENERGYAUSTRALIA
* AE926981 CAVEATOR CONSENTED
* AE995222 CAVEATOR CONSENTED
* AF395676 CAVEATOR CONSENTED
- 27 AE926981 LEASE TO VIRTUAL ADMIN SOLUTIONS PTY LTD BEING
COTTAGE 5 MOUNT PENANG PARKLANDS. EXPIRES: 30/6/2010.
- 28 AE995222 LEASE TO BAPIST COMMUNITY SERVICES-NSW & ACT BEING
BUILDING 38B MOUNT PENANG PARKLANDS. EXPIRES:
31/7/2010. OPTION OF RENEWAL: 1 YEAR.
- 29 AF395676 LEASE TO YOUTH CONNECTIONS.COM.AU PTY LIMITED BEING
BUILDINGS 54 TO 58, 60 & 61, MOUNT PENANG PARKLANDS.
EXPIRES: SEE LEASE.
- * 30 AF751460 RESTRICTION(S) ON THE USE OF LAND

NOTATIONS

DP1016950 NOTE: PLAN FOR LEASE PURPOSES & PROPOSED EASEMENTS
DP1081969 NOTE: PLAN OF PROPOSED EASEMENT
REFER ALL DEALINGS TO SD2. FOLIO IDENTIFIER IS PERMANENTLY HELD.
UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

KW/RCA

PRINTED ON 31/1/2011

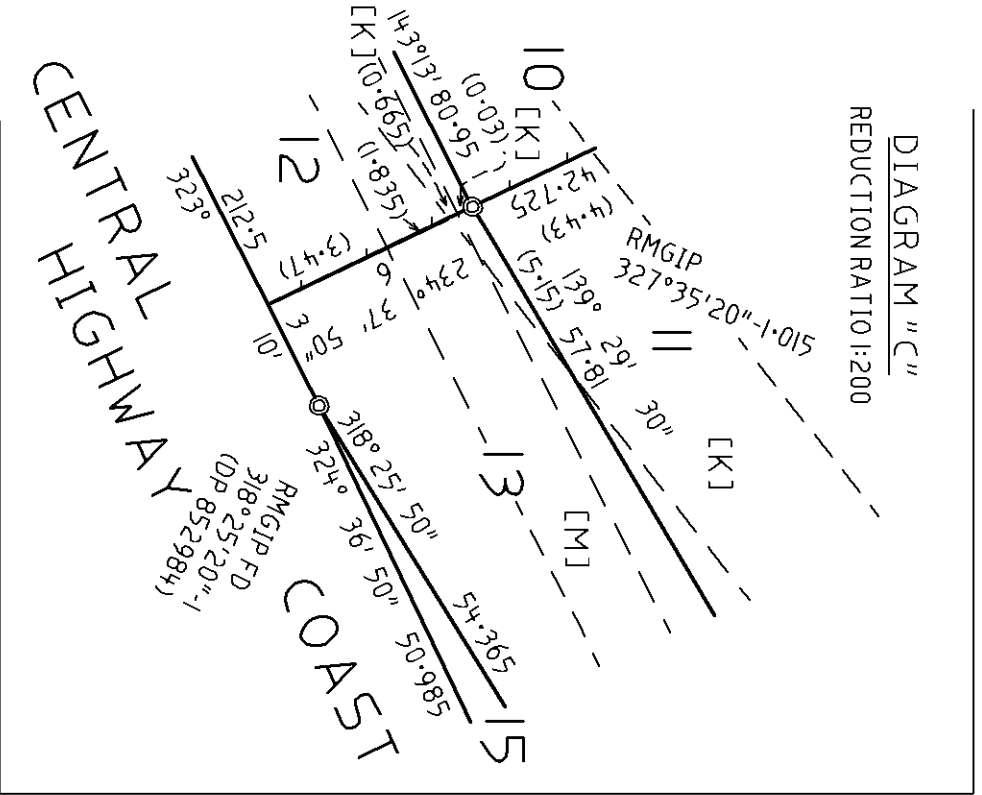
Espreon hereby certifies that the information contained in this document has been provided electronically by the Registrar-General in accordance with
Section 96B(2) of the Real Property Act, 1900.

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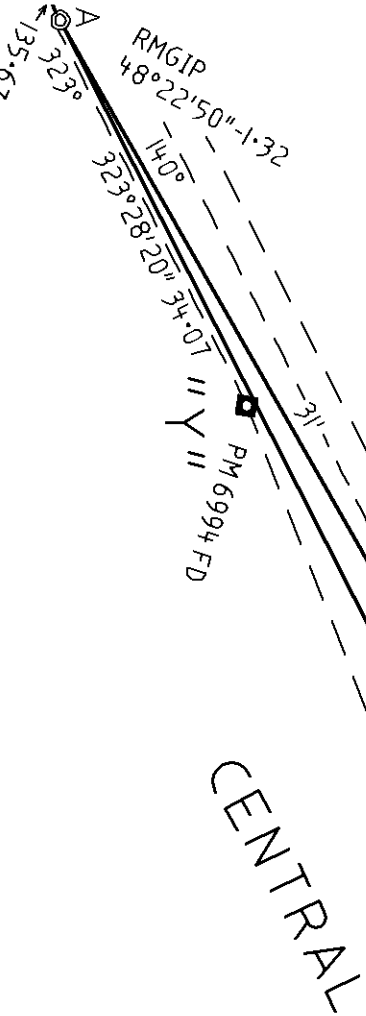


- [A] PROPOSED EASEMENT FOR ACCESS 7.185 WIDE AND VARIABLE WIDTH (DP 823147)
- [K] PROPOSED EASEMENT TO DRAIN SEWAGE 5 WIDE AND VARIABLE WIDTH (DP 823147)
- [M] PROPOSED EASEMENT FOR GAS PIPELINE 2.5 WIDE (DP 823147)
- [S] PROPOSED EASEMENT FOR WATER SUPPLY PIPELINE VARIABLE WIDTH (DP 1000335)
- [Z] PROPOSED RIGHT OF WAY 4 WIDE AND VARIABLE WIDTH (DP 1081969)
- [AI] AE248647 PROPOSED RIGHT OF CARRIAGEWAY 6.5, 10, 12-19, 17-5, 20-195 WIDE AND VARIABLE WIDTH (DP 1128417)
- [A2] LAND EXCLUDES MINERALS SEE 171 CLC ACT



SEE SHEET 2

10

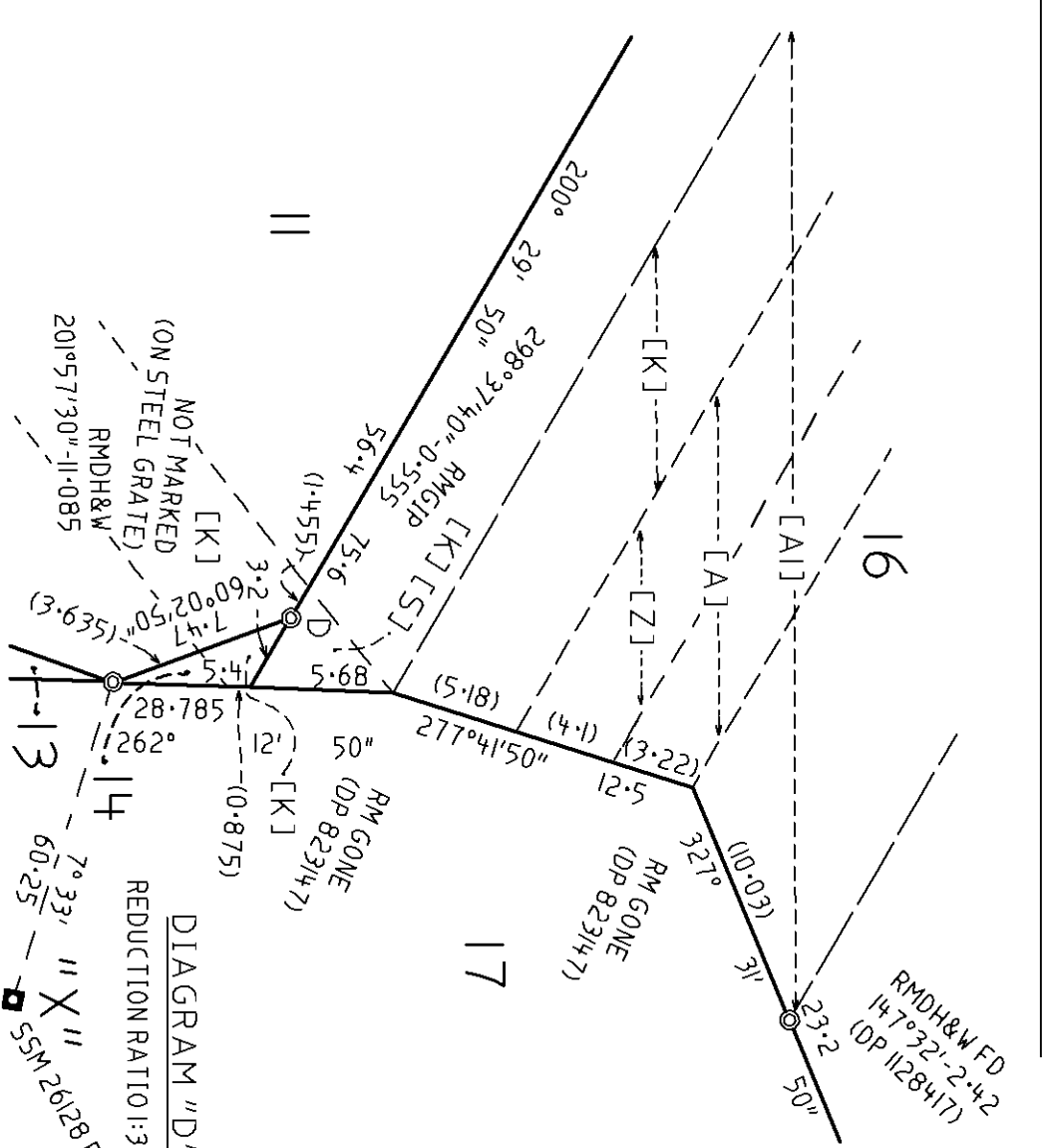


SURVEYING REGULATION 2006 : CLAUSES 35 (1) (b) & 61 (2)						
MARK	MGA CO-ORDINATES : ZONE 56		CL	ORD	METHOD	ORIGIN
	EASTING	NORTHING				
PM 6994	341 498.348	6299 521.509	C	3	SCIMS	SCIMS
SSM 26128	341 646.407	6299 277.527	B	2	SCIMS	SCIMS
SSM 46776	341 600.273	6298 722.027	B	2	SCIMS	SCIMS
COMBINED SEALEVEL AND SCALE FACTOR 0.999881						
MGA COORDINATES ADOPTED FROM SCIMS AS AT 30/09/2009						

LOTS 10, 12 & 16
LOT 701 DP 1128417
CT 701/1128417

LOTS 11, 13 & 14
LOT 51 DP 1000335
CT 51/1000335

LOTS 15 & 17
LOT 6 DP 852984
CT 6/852984
COUNCIL PUBLIC ROAD



DECLARED CONTROLLED ACCESS ROAD
UNDER SECTION 49 OF THE ROADS ACT, 1993.
GOV GAZ NO 46 OF 18 MAR 1994 FOLIO 1216

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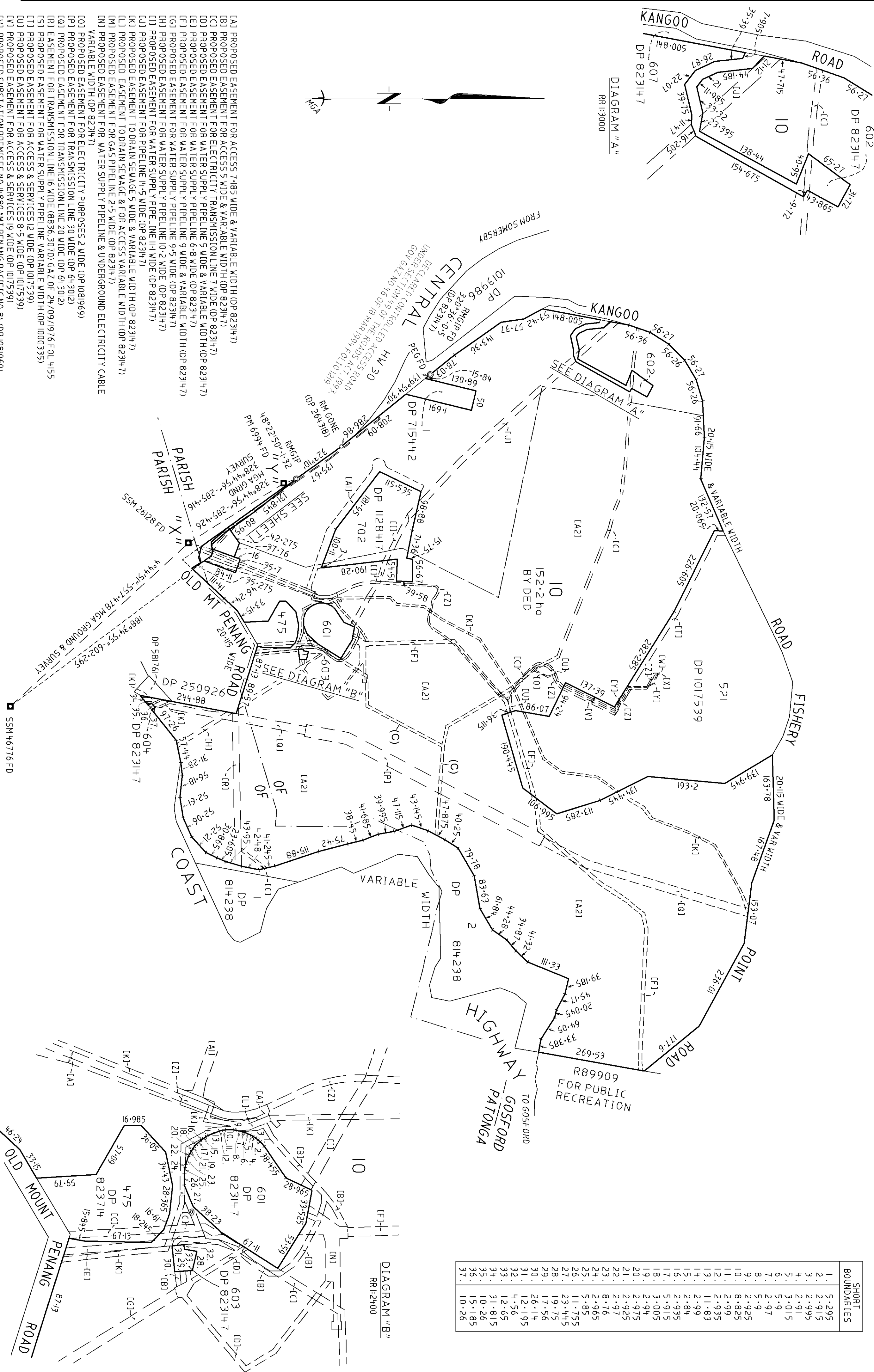
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SHORT BOUNDARIES	
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2.	2.915
3.	2.995
4.	2.91
5.	3.015
6.	5.9
7.	2.97
8.	5.9
9.	2.925
10.	8.825
11.	2.99
12.	2.935
13.	11.83
14.	2.99
15.	2.84
16.	2.935
17.	5.915
18.	3.005
19.	2.94
20.	2.975
21.	2.925
22.	2.97
23.	8.76
24.	2.965
25.	5.85
26.	11.755
27.	23.445
28.	19.75
29.	17.56
30.	26.14
31.	12.195
32.	4.56
33.	12.65
34.	31.815
35.	10.26
36.	15.185
37.	10.26



- (A) PROPOSED EASEMENT FOR ACCESS 7.185 WIDE & VARIABLE WIDTH (DP 823147)
- (B) PROPOSED EASEMENT FOR ACCESS 5 WIDE & VARIABLE WIDTH (DP 823147)
- (C) PROPOSED EASEMENT FOR ELECTRICITY TRANSMISSION LINE 7 WIDE (DP 823147)
- (D) PROPOSED EASEMENT FOR WATER SUPPLY PIPELINE 5 WIDE & VARIABLE WIDTH (DP 823147)
- (E) PROPOSED EASEMENT FOR WATER SUPPLY PIPELINE 6.8 WIDE (DP 823147)
- (F) PROPOSED EASEMENT FOR WATER SUPPLY PIPELINE 9 WIDE & VARIABLE WIDTH (DP 823147)
- (G) PROPOSED EASEMENT FOR WATER SUPPLY PIPELINE 9.5 WIDE (DP 823147)
- (H) PROPOSED EASEMENT FOR WATER SUPPLY PIPELINE 10.2 WIDE (DP 823147)
- (I) PROPOSED EASEMENT FOR WATER SUPPLY PIPELINE 11.1 WIDE (DP 823147)
- (J) PROPOSED EASEMENT FOR PIPELINE 11.5 WIDE (DP 823147)
- (K) PROPOSED EASEMENT TO DRAIN SEWAGE 5 WIDE & VARIABLE WIDTH (DP 823147)
- (L) PROPOSED EASEMENT TO DRAIN SEWAGE & FOR ACCESS VARIABLE WIDTH (DP 823147)
- (M) PROPOSED EASEMENT FOR GAS PIPELINE 2.5 WIDE (DP 823147)
- (N) PROPOSED EASEMENT FOR WATER SUPPLY PIPELINE & UNDERGROUND ELECTRICITY CABLE VARIABLE WIDTH (DP 823147)
- (O) PROPOSED EASEMENT FOR ELECTRICITY PURPOSES 2 WIDE (DP 1081969)
- (P) PROPOSED EASEMENT FOR TRANSMISSION LINE 30 WIDE (DP 643012)
- (Q) PROPOSED EASEMENT FOR TRANSMISSION LINE 20 WIDE (DP 643012)
- (R) EASEMENT FOR TRANSMISSION LINE 16 WIDE (8836.3070) GAZ OF 24/09/1976 FOL 4155
- (S) PROPOSED EASEMENT FOR WATER SUPPLY PIPELINE VARIABLE WIDTH (DP 1000335)
- (T) PROPOSED EASEMENT FOR ACCESS & SERVICES 12 WIDE (DP 1017539)
- (U) PROPOSED EASEMENT FOR ACCESS & SERVICES 8.5 WIDE (DP 1017539)
- (V) PROPOSED EASEMENT FOR ACCESS & SERVICES 19 WIDE (DP 1017539)
- (W) PROPOSED SUBSTATION PREMISES NO. 11880 - MT PENANG PACIFIC NO. 87 (DP 1081969)
- (X) PROPOSED RIGHT OF WAY & EASEMENT FOR ELECTRICITY PURPOSES (DP 1081969)
- (Y) PROPOSED EASEMENT FOR ELECTRICITY PURPOSES 2 WIDE (DP 1081969)
- (Z) PROPOSED RIGHT OF WAY 4 WIDE & VARIABLE WIDTH (DP 1081969)
- (AA) AE248647 RIGHT OF CARRIAGEWAY 6.5, 10, 12.19, 17.5, 20.195 & VARIABLE WIDTH (DP 1128417)
- (AB) LAND EXCLUDES MINERALS SECTION CLC ACT 1989

Surveyor : DAVID KENNETH BURKE
Date of Survey : 23/10/2009
Surveyor's Ref : SP3447C, (HU0067),
N494, CHECKLIST

PLAN OF LAND TO BE ACQUIRED FOR THE PURPOSES
OF THE ROADS ACT, 1993.

LGA : GOSFORD CITY
Locality : KARTONG
Subdivision No. :
Lengths are in metres. Reduction Ratio 1:5000

Registered
10.03.2010

DP1149050

10 20 30 40 50 60 70 80 90 100 110 120 130 140

RTA FB : 0030 184 FP 5908

RTA FILE : 10/184.1636

RTA PLAN: 0030 184 SS 4016

DEPOSITED PLAN ADMINISTRATION SHEET

Sheet 1 of 2 sheet(s)

* OFFICE USE ONLY

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

LOTS 12 TO 15 INCLUSIVE ARE REQUIRED FOR CONTROLLED ACCESS ROAD UNDER SECTION 49 OF THE ROADS ACT, 1993.

ACCESS WILL BE RESTRICTED ACROSS THE BOUNDARY MARKED A-B-C-D.

LOTS 16 & 17 ARE REQUIRED FOR ROAD AND AFTER CONSTRUCTION WILL BE DEDICATED AS PUBLIC ROAD UNDER SECTION 10 OF THE ROADS ACT, 1993.

DP1149050

Registered:  10.03.2010

Title System: TORRENS

Purpose: ROADS ACT, 1993

PLAN OF LAND TO BE ACQUIRED FOR THE PURPOSES OF THE ROADS ACT, 1993.

LGA: GOSFORD CITY

Locality: KARIONG

Parish: GOSFORD, PATONGA

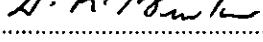
County: NORTHUMBERLAND

Surveying Regulation, 2006

I,DAVID KENNETH BURKE.....
of ...ROADS & TRAFFIC AUTHORITY NSW.....
a surveyor registered under the *Surveying Act, 2002*, certify that the survey represented in this plan is accurate, has been made in accordance with the *Surveying Regulation, 2006* and was completed on:.....23/10/2009.....

The survey relates to LOTS 12 TO 17 INCLUSIVE & CONNECTIONS.

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

Signature  Dated: 11. 2. 10
Surveyor registered under the *Surveying Act, 2002*

Datum Line: "X"- "Y"
Type: URBAN

EAH

Plans used in the preparation of survey

DP 46761
DP 264218
DP 715442
DP 729016
DP 823147
DP 852984
DP 1000335
DP 1128417

SURVEYOR'S REFERENCE: SP3447C, (HU0067),N494, CHECKLIST

Use PLAN FORM 6A

for additional certificates, signatures, seals and statements

Crown Lands NSW/Western Lands Office Approval

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

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

Subdivision Certificate

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

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

* Authorised Person/General Manager/Accredited Certifier

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

Delete whichever is inapplicable.

PLAN OF LAND TO BE ACQUIRED FOR THE
PURPOSES OF THE ROADS ACT, 1993.

DP1149050

Registered:



10.03.2010

Subdivision Certificate No:

Date of Endorsement:

THIS PLAN IS EXEMPT FROM SUBDIVISION
CERTIFICATION PURSUANT TO A DECISION
BETWEEN DUAP, RTA & LPI NSW - SEE 1997
M6 (Item 2). LAND IN THIS PLAN COMPRISES
ONLY ROAD OR ROAD AND RESIDUE.

Anthony Seve

AUTHORISED OFFICER
ROADS AND TRAFFIC AUTHORITY, NSW

APPROVED:

[Signature]

MANAGER PROPERTY SERVICES
HUNTER REGION
ROADS AND TRAFFIC AUTHORITY, NSW

SURVEYOR'S REFERENCE: SP3447C, (HU0067), N494, CHECKLIST

Appendix D

Historical Title Search

TITLE SEARCH

Computer Folio Certificate issued under
Section 96D of the Real Property Act 1900

No. B136

Search certified to:

16/2/2011 11:07 AM

COMPUTER FOLIO REFERENCE	
10/1149050	
EDITION No. & DATE OF CURRENT CERTIFICATE OF TITLE	
1	13/5/2010

Page 1

LAND

LOT 10 IN DEPOSITED PLAN 1149050

AT KARIONG

LOCAL GOVERNMENT AREA GOSFORD

PARISH OF GOSFORD COUNTY OF NORTHUMBERLAND

PARISH OF PATONGA COUNTY OF NORTHUMBERLAND

TITLE DIAGRAM DP1149050

FIRST SCHEDULE

FESTIVAL DEVELOPMENT CORPORATION

SECOND SCHEDULE (30 NOTIFICATIONS)

- 1 LAND EXCLUDES MINERALS - SEE SECTION 171 CROWN LANDS ACT 1989 AS REGARDS THE PART SHOWN DESIGNATED (A2) IN THE TITLE DIAGRAM
- 2 AA686135 LEASE TO KARIONG COMMUNITY PRE-SCHOOL KINDERGARTEN INC OF BUILDING 34, AT LOT 522 PACIFIC HIGHWAY, MOUNT PENANG, KARIONG. EXPIRES: 12/1/2017. OPTION OF RENEWAL: 6 YEARS.
- 3 AA957933 LEASE TO ENERGIAUSTRALIA OF SUBSTATION PREMISES NO 12394 TOGETHER WITH RIGHT OF WAYS & EASEMENT FOR ELECTRICITY PURPOSES AFFECTING THE PARTS DESIGNATED (E), (R) & (C) IN DP1048317. EXPIRES: 28/2/2053.
- 4 AC166444 LEASE TO TONY GALLAGHER OF BUILDING 14. EXPIRES: 31/3/2009. OPTION OF RENEWAL: 3 YEARS.
- 5 AC166454 LEASE TO CENTRAL COAST CRICKET ASSOCIATION INCORPORATED OF COTTAGE 9, BUILDING 11 & BUILDING 13, MOUNT PENANG PARKLANDS, KARIONG. EXPIRES: 31/12/2009. OPTION OF RENEWAL: 3 YEARS TOGETHER WITH FOUR OPTIONS

END OF PAGE 1 - CONTINUED OVER

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Registrar General

TITLE SEARCH

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EDITION No. & DATE OF CURRENT CERTIFICATE OF TITLE	
1	13/5/2010

Page 2

SECOND SCHEDULE (30 NOTIFICATIONS) (CONTINUED)

-
- OF 3 YEARS.
- 6 AC726576 LEASE TO BENRILE PTY LTD OF BUILDING 47, MOUNT PENANG PARKLANDS, SOMERSBY. EXPIRES: 30/9/2009. OPTION OF RENEWAL: SEE DEALING.
 - 7 AD38692 LEASE TO CENTRAL COAST TOURISM INC OF BUILDING 52, MOUNT PENANG PARKLANDS, PACIFIC HIGHWAY, KARIONG. EXPIRES: 31/3/2032.
 - 8 AD126653 LEASE TO CENTRAL COAST POST SCHOOL OPTIONS INCORPORATED OF BUILDINGS B45 & B46, MOUNT PENANG PARKLANDS, PACIFIC HIGHWAY, MOUNT PENANG, KARIONG. EXPIRES: 31/8/2009.
 - 9 AD178252 LEASE TO COFFEY CORPORATE PTY LTD OF BUILDING 17, MOUNT PENANG PARKLANDS, PACIFIC HIGHWAY, MOUNT PENANG, KARIONG. EXPIRES: 18/1/2010.
 - 10 AD449801 LEASE TO JASBIR SINGH SANDHU OF BUILDINGS 48 & 49, MOUNT PENANG PARKLANDS, MOUNT PENANG, KARIONG. EXPIRES: 22/2/2010. OPTION OF RENEWAL: 3 YEARS.
 - 11 AD450211 LEASE TO VACEDA PTY LTD OF BUILDING 41, MOUNT PENANG PARKLANDS, PACIFIC HIGHWAY, MOUNT PENANG, KARIONG. EXPIRES: 31/8/2010.
 - 12 AD645261 POSITIVE COVENANT
 - 13 AD741764 LEASE TO JOHN JUSTIN TRAVERS OF BUILDING 38A MOUNT PENANG PARKLANDS, CENTRAL COAST HIGHWAY, MOUNT PENANG, KARIONG. EXPIRES: 16/9/2009. OPTION OF RENEWAL: 1 YEAR.
 - 14 AD859745 LEASE TO VITAL HEALTH FOODS (AUSTRALIA) PTY LTD OF BUILDING 43 MOUNT PENANG PARKLANDS, CENTRAL COAST HIGHWAY, MOUNT PENANG, KARIONG. EXPIRES: 13/8/2008. OPTION OF RENEWAL: 1 YEAR WITH A FURTHER 1 YEAR OPTION.
 - 15 AE23182 LEASE TO OPTICON SENSORS PTY LIMITED OF BUILDING 30, MOUNT PENANG PARKLANDS. EXPIRES: 28/2/2011.

END OF PAGE 2 - CONTINUED OVER

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Registrar General

TITLE SEARCH

Computer Folio Certificate issued under
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No. B136

Search certified to:

16/2/2011 11:07 AM

COMPUTER FOLIO REFERENCE	
10/1149050	
EDITION No. & DATE OF CURRENT CERTIFICATE OF TITLE	
1	13/5/2010

Page 3

SECOND SCHEDULE (30 NOTIFICATIONS) (CONTINUED)

-
- 16 AE23183 LEASE TO BT RYAN & ASSOCIATES PTY LTD OF BUILDING 35, MOUNT PENANG PARKLANDS. EXPIRES: 31/7/2011. OPTION OF RENEWAL: 3 YEARS.
- 17 AE201398 LEASE TO ANTHONY THOMAS KELLY OF BUILDING 18, MOUNT PENANG GARDENS. EXPIRES: 13/8/2011.
- 18 AE285546 LEASE TO COOPER & CO (CENTRAL COAST) PTY LIMITED OF BUILDING 40, MOUNT PENANG PARKLANDS. EXPIRES: 30/9/2011. OPTION OF RENEWAL: 3 YEARS.
- AE563964 LEASE OF LEASE AE285546 TO FURNISHING INDUSTRY ASSOCIATION OF AUSTRALIA LIMITED EXPIRES: 29/9/2011. BEING SUITE 2
- 19 AE248647 RIGHT OF CARRIAGEWAY 6.5, 10, 12.19, 17.5, 20.195 AND VARIABLE WIDTH AFFECTING THE SITE DESIGNATED (A1) IN THE TITLE DIAGRAM
- 20 AE474172 LEASE TO ANTHROTERRA PTY LIMITED BEING BUILDING 37, MOUNT PENANG PARKLANDS. EXPIRES: 4/1/2010. OPTION OF RENEWAL: TWO PERIODS OF 1 YEAR EACH.
- 21 AE528958 LEASE TO KU CHILDREN'S SERVICES BEING BUILDING 28A, MOUNT PENANG PARKLANDS. EXPIRES: 30/6/2012. OPTION OF RENEWAL: 3 YEARS.
- 22 AE703359 LEASE TO ANTHONY THOMAS KELLY BEING BUILDING 19, MOUNT PENANG PARKLANDS. EXPIRES: 19/4/2012.
- 23 AE873946 LEASE TO WILD CRYSTAL PTY LIMITED BEING BUILDING 44, MOUNT PENANG PARKLANDS. EXPIRES: 30/4/2010. OPTION OF RENEWAL: 1 YEAR.
- 24 AE910125 LEASE TO BAPTIST COMMUNITY SERVICES - NSW & ACT BEING BUILDING 39, MOUNT PENANG PARKLANDS. EXPIRES: 31/8/2011.
- 25 AE913448 LEASE TO CENTRAL COAST POST SCHOOL OPTIONS INCORPORATED BEING COTTAGE 2, MOUNT PENANG PARKLANDS.

END OF PAGE 3 - CONTINUED OVER

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Registrar General

TITLE SEARCH

Computer Folio Certificate issued under
Section 96D of the Real Property Act 1900

No. B136

Search certified to:

16/2/2011 11:07 AM

COMPUTER FOLIO REFERENCE	
10/1149050	
EDITION No. & DATE OF CURRENT CERTIFICATE OF TITLE	
1	13/5/2010

Page 4

SECOND SCHEDULE (30 NOTIFICATIONS) (CONTINUED)

EXPIRES: 31/10/2011.

- * 26 AE919776 CAVEAT BY ENERGYAUSTRALIA
- * AE926981 CAVEATOR CONSENTED
- * AE995222 CAVEATOR CONSENTED
- * AF395676 CAVEATOR CONSENTED
- 27 AE926981 LEASE TO VIRTUAL ADMIN SOLUTIONS PTY LTD BEING
COTTAGE 5 MOUNT PENANG PARKLANDS. EXPIRES: 30/6/2010.
- 28 AE995222 LEASE TO BAPIST COMMUNITY SERVICES-NSW & ACT BEING
BUILDING 38B MOUNT PENANG PARKLANDS. EXPIRES:
31/7/2010. OPTION OF RENEWAL: 1 YEAR.
- 29 AF395676 LEASE TO YOUTH CONNECTIONS.COM.AU PTY LIMITED BEING
BUILDINGS 54 TO 58, 60 & 61, MOUNT PENANG PARKLANDS.
EXPIRES: SEE LEASE.
- * 30 AF751460 RESTRICTION(S) ON THE USE OF LAND

NOTATIONS

DP1016950 NOTE: PLAN FOR LEASE PURPOSES & PROPOSED EASEMENTS
DP1081969 NOTE: PLAN OF PROPOSED EASEMENT
REFER ALL DEALINGS TO SD2. FOLIO IDENTIFIER IS PERMANENTLY HELD.
UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

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Registrar General



TITLE SEARCH

Computer Folio Certificate issued under
Section 96D of the Real Property Act 1900

No. B136

Search certified to:

16/2/2011 11:07 AM

COMPUTER FOLIO REFERENCE	
602/823147	
EDITION No. & DATE OF CURRENT CERTIFICATE OF TITLE	
1	4/6/2001

Page 1

LAND

LOT 602 IN DEPOSITED PLAN 823147

AT KARIONG

LOCAL GOVERNMENT AREA GOSFORD

PARISH OF GOSFORD COUNTY OF NORTHUMBERLAND

TITLE DIAGRAM DP823147

FIRST SCHEDULE

FESTIVAL DEVELOPMENT CORPORATION

(R 7598437)

SECOND SCHEDULE (0 NOTIFICATIONS)

NIL

NOTATIONS

NOTE: THE CERTIFICATE OF TITLE FOR THIS FOLIO OF THE REGISTER DOES
NOT INCLUDE SECURITY FEATURES INCLUDED ON COMPUTERISED
CERTIFICATES OF TITLE ISSUED FROM 4TH JANUARY, 2004. IT IS
RECOMMENDED THAT STRINGENT PROCESSES ARE ADOPTED IN VERIFYING THE
IDENTITY OF THE PERSON(S) CLAIMING A RIGHT TO DEAL WITH THE LAND
COMPRISED IN THIS FOLIO.

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

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Registrar General

TITLE SEARCH

Computer Folio Certificate issued under
Section 96D of the Real Property Act 1900

No. B136

Search certified to:

16/2/2011 11:06 AM

COMPUTER FOLIO REFERENCE	
1/715442	
EDITION No. & DATE OF CURRENT CERTIFICATE OF TITLE	
2	30/4/2001

Page 1

LAND

LOT 1 IN DEPOSITED PLAN 715442

AT KARIONG

LOCAL GOVERNMENT AREA GOSFORD

PARISH OF GOSFORD COUNTY OF NORTHUMBERLAND

TITLE DIAGRAM DP715442

FIRST SCHEDULE

FESTIVAL DEVELOPMENT CORPORATION

(RA 7494134)

SECOND SCHEDULE (0 NOTIFICATIONS)

NIL

NOTATIONS

NOTE: THE CERTIFICATE OF TITLE FOR THIS FOLIO OF THE REGISTER DOES NOT INCLUDE SECURITY FEATURES INCLUDED ON COMPUTERISED CERTIFICATES OF TITLE ISSUED FROM 4TH JANUARY, 2004. IT IS RECOMMENDED THAT STRINGENT PROCESSES ARE ADOPTED IN VERIFYING THE IDENTITY OF THE PERSON(S) CLAIMING A RIGHT TO DEAL WITH THE LAND COMPRISED IN THIS FOLIO.

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

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Registrar General

TITLE SEARCH

Computer Folio Certificate issued under
Section 96D of the Real Property Act 1900

No. B136

Search certified to:

16/2/2011 11:06 AM

COMPUTER FOLIO REFERENCE	
475/823714	
EDITION No. & DATE OF CURRENT CERTIFICATE OF TITLE	
5	26/3/2007

Page 1

LAND

LOT 475 IN DEPOSITED PLAN 823714

AT KARIONG

LOCAL GOVERNMENT AREA GOSFORD

PARISH OF GOSFORD COUNTY OF NORTHUMBERLAND

TITLE DIAGRAM DP823714

FIRST SCHEDULE

FESTIVAL DEVELOPMENT CORPORATION

(RA 7494134)

SECOND SCHEDULE (2 NOTIFICATIONS)

1 LAND EXCLUDES MINERALS - SEE SECTION 171 CROWN LANDS ACT 1989

2 AC111230 LEASE TO ROTARY CLUB OF KARIONG/SOMERSBY INC EXPIRES:
31/5/2012. OPTION OF RENEWAL: 10 YEARS.

AC111231 LEASE OF LEASE AC111230 TO COASTWIDE CHILD AND
FAMILY SERVICES INCORPORATED OF PART PHILLIP HOUSE,
FESTIVAL DEVELOPMENT CORPORATION, PACIFIC HIGHWAY,
MOUNT PENANG, KARIONG SHOWN HATCHED IN PLAN WITH
AC111231. EXPIRES: 30/5/2012. OPTION OF RENEWAL: 10
YEARS.

AC936802 LEASE OF LEASE AC111230 TO GOSFORD CITY FAMILY
SUPPORT SERVICE INC OF PART OF PHILLIP HOUSE,
PACIFIC HIGHWAY, MOUNT PENANG, KARIONG SHOWN
HATCHED IN PLAN WITH AC936802. EXPIRES: 30/5/2012.
OPTION OF RENEWAL: 10 YEARS.

END OF PAGE 1 - CONTINUED OVER

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Registrar General

TITLE SEARCH

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Section 96D of the Real Property Act 1900

No. B136

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16/2/2011 11:06 AM

COMPUTER FOLIO REFERENCE

475/823714

EDITION No. & DATE OF CURRENT CERTIFICATE OF TITLE

5

26/3/2007

Page 2

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

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Registrar General

TITLE SEARCH

Computer Folio Certificate issued under
Section 96D of the Real Property Act 1900

No. B136

Search certified to:

16/2/2011 11:06 AM

COMPUTER FOLIO REFERENCE

607/823147

EDITION No. & DATE OF CURRENT CERTIFICATE OF TITLE

1

4/6/2001

Page 1

LAND

LOT 607 IN DEPOSITED PLAN 823147

AT KARIONG

LOCAL GOVERNMENT AREA GOSFORD

PARISH OF GOSFORD COUNTY OF NORTHUMBERLAND

TITLE DIAGRAM DP823147

FIRST SCHEDULE

FESTIVAL DEVELOPMENT CORPORATION

(R 7598437)

SECOND SCHEDULE (0 NOTIFICATIONS)

NIL

NOTATIONS

NOTE: THE CERTIFICATE OF TITLE FOR THIS FOLIO OF THE REGISTER DOES
NOT INCLUDE SECURITY FEATURES INCLUDED ON COMPUTERISED
CERTIFICATES OF TITLE ISSUED FROM 4TH JANUARY, 2004. IT IS
RECOMMENDED THAT STRINGENT PROCESSES ARE ADOPTED IN VERIFYING THE
IDENTITY OF THE PERSON(S) CLAIMING A RIGHT TO DEAL WITH THE LAND
COMPRISED IN THIS FOLIO.

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

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Registrar General

1494134Q

Form: 97-11R

Licence: LAW/0536/98

REQUEST
New South Wales
Real Property Act 1900



(A) **STAMP DUTY**

If applicable. Office of State Revenue use only

(B) **LAND**

Torrens Title

Folio Identifiers 475/823714, 1/715442, ~~522/1017539~~

52/1000335 now being lot 522
in DP 1017539

(C) **REGISTERED
DEALING**

Number

Torrens Title

(D) **LODGED BY**

LTO Box

813E

Name, Address or DX and Telephone

I V KNIGHT, STATE CROWN SOLICITOR
60-70 ELIZABETH STREET, SYDNEY 2000
DX 19 SYDNEY

CODE

Reference (optional): FDC633.1 DGW

(E) **APPLICANT**

FESTIVAL DEVELOPMENT CORPORATION

(F) **NATURE OF
REQUEST**

RESUMPTION APPLICATION

Section 31A(3) *Real Property Act 1900*

(G) **TEXT OF
REQUEST**

THE APPLICANT in consequence of the resumption notified in the *Government Gazette* dated 12 January 2001 at Folio 88 a copy of which is annexed hereto marked "A", request the Registrar General to:-

Make such recordings in the Register as may be necessary to give effect to the resumption as far as it relates to the land referred to above.

Issue new certificates of title for the resumed land.

(H) Certified correct for the purposes of the Real Property Act 1900.

DATE:) March 2001

Signed in my presence by the applicant who is personally known to me.

Signature of witness: *Stephen Donnelly*

Name of witness: STEPHEN DONNELLY

Address of witness: L15, 60-70 ELIZABETH STREET, SYDNEY.

Signature of applicant:

(DANIELAS WILSON)
SOLICITOR FOR APPLICANT

GEOGRAPHICAL NAMES ACT 1966

PURSUANT to the provisions of section 10 of the Geographical Names Act 1966, the Geographical Names Board has this day assigned the geographical names listed hereunder.

Assigned Name: Elouera Bushland Reserve.
Designation: Reserve.
L.G.A.: Liverpool.
Parish: St Luke.
County: Cumberland.
Latitude: 33°56'00".
Longitude: 150°53'00".
C.M.A. Map: Liverpool.
1:100,000 Map: Penrith 9030.
Reference: GNB:4348.

Assigned Name: Cockle Bay Nature Reserve.
Designation: Reserve.
L.G.A.: City of Gosford.
Parish: Kincumber.
County: Northumberland.
Latitude: 33°30'30".
Longitude: 151°22'10".
C.M.A. Map: Broken Bay.
1:100,000 Map: Sydney 9130.
Reference: GNB:3615.

P. R. HARCUMBE,
Acting Chairman.

Geographical Names Board,
PO Box 143, Bathurst, NSW 2795.

GEOGRAPHICAL NAMES ACT 1966

ERRATUM

IN the notice referring to the assignment of the name Devines Hill shown in Folio 13862 of the *Government Gazette* No. 168 on 22 December 2000, this notice was placed in error and is now withdrawn. The proposed name Devines Hill is still under consideration.

P. R. HARCUMBE,
Acting Chairman.

Geographical Names Board,
PO Box 143, Bathurst, NSW 2795.

**GROWTH CENTRES (DEVELOPMENT
CORPORATIONS) ACT 1974**

**LAND ACQUISITION (JUST TERMS
COMPENSATION) ACT 1991**

Notice of Compulsory Acquisition of Land for the
Purposes of the Growth Centres (Development
Corporations) Act 1974

PURSUANT to section 9 of the Growth Centres (Development Corporations) Act 1974 and section 19 (1) of the Land Acquisition (Just Terms Compensation) Act 1991, the Festival Development Corporation, by its delegate,

declares, with the approval of the Governor, that the land described in the Schedule is acquired by compulsory process for the purposes of the Growth Centres (Development Corporations) Act.

K. DEDDEN,
Delegate.

SCHEDULE

All those pieces or parcels of land situate in Karing in the Local Government Area of Gosford, Parish of Gosford and County of Northumberland, being Lot 522 in Deposited Plan 1017539, Lot 1 in Deposited Plan 715442, Lot 602 in Deposited Plan 823147, Lot 607 in Deposited Plan 823147 and Lot 475 in Deposited Plan 823714.

HEALTHY RIVERS COMMISSION

Notice of Inquiry — Hunter River

TO help improve the health of the Hunter River, the Healthy Rivers Commission is conducting an independent Inquiry. The Commission, established by the NSW Government, will recommend goals, and ways to achieve them, for the management of the health of the river system.

A Discussion Paper which explains the Inquiry and describes some of the major river health issues questions has now been released by the Commission. The Commission is now preparing to receive verbal and written submissions.

Verbal submissions can be made at public hearings to be held from 1.00 pm to 4.00 pm at:

Merriwa, RSL Club Auditorium, Bettington Street, on Monday, 19 February 2001;

Scone, Senior Citizens Centre, Oxford Road, Tuesday, 20 February 2001;

Singleton, Singleton Civic Centre, Queen Street, Monday, 26 February 2001.

Maitland, Imperial Hotel Function Room, 458 High Street, Tuesday, 27 February 2001.

The conduct of the public hearings is subject to the number of people who wish to present information to the Commission. Additional hearing sessions may be provided, if sufficient people register to make presentations.

Anyone interested in making a verbal presentation at any of the public hearings should register their intention with the Commission's Executive Assistant, Pauline Jewry. People wishing to observe the hearings are welcome and are advised to contact the Commission to confirm arrangements for each day.

Written submissions are also welcome. These can be sent to the Commissioner, Dr Peter Crawford at the address below, and will be received up until 12 March 2001.

For more information see the Discussion Paper, copies of which are available from the Commission.

The Healthy Rivers Commission, Level 18, 15 Castlereagh Street, Sydney, NSW 2000.

Phone: (02) 9231 2977 or 1800 818 369 (free call)
Fax: (02) 9232 5973
Email: rivercom@hrc.nsw.gov.au
Website: www.hrc.nsw.gov.au

THIS IS THE ANNEXURE "A" REFERRED TO IN THE
REQUEST OF FESTIVAL DEVELOPMENT CORPORATION
DATED 1 MARCH 2001



Crown Solicitor's Office

NEW SOUTH WALES

Your ref:

My ref: FDC633.1
T10 Douglas Wilson

Tel: (02) 9224 5072

Fax: (02) 9224 5077

Email: crownsol@agd.nsw.gov.au

3 April 2001

Mr David Mulcahy
Registrar General
Land and Property Information
Queens Square
SYDNEY NSW 2000

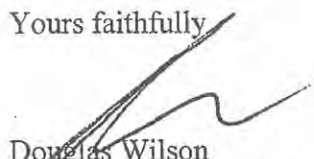
Dear Mr Mulcahy

Re: Dealing Number R7494134

I refer to your Requisition raised herein (copy enclosed). In regard to the first Requisition I understand that the title reference was in fact advised, if I am correct would you kindly let me know and return the relevant documentation.

In respect to the second Requisition, relating to the ACN or ARBN Number of Festival Development Corporation, the answer is that Festival Development Corporation is neither a Company within the *Corporations Law* nor a registered association. Festival Development Corporation is a statutory Corporation constituted under s.4 of the *Growth Centres (Development Corporations) Act 1974* and as such is a statutory body representing the Crown, and obviously does not require an ACN Number or ABN Number.

Yours faithfully


Douglas Wilson
Assistant Crown Solicitor
for Crown Solicitor

encl.

HISTORICAL TITLE SEARCH

Certificate issued under Section 96G
of the Real Property Act 1900

No. B136

Search certified to: 16/2/2011 12:57PM

Computer Folio Reference: 600/823147

Page 1

First Title(s): 446/726266 600/823147

Prior Title(s): 446/726266 CROWN LAND

Recorded	Number	Type of Instrument	C.T. Issue
-----	-----	-----	-----
11/10/1993	DP823147	DEPOSITED PLAN	FOLIO CREATED CT NOT ISSUED
3/3/1995	DP823714	DEPOSITED PLAN	FOLIO CANCELLED

*** END OF SEARCH ***

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PRINTED ON 16/2/2011 B136

The Registrar General certifies that at the date and time specified above the information set out in this search constitutes the historical record of all dealings recorded in or action taken in respect of the mentioned title which is required to be kept by the Registrar General under section 32(7) of the Real Property Act 1900.



Registrar General



TITLE SEARCH

Computer Folio Certificate issued under
Section 96D of the Real Property Act 1900

No. B136

WARNING: *** FOLIO CANCELLED *******

COMPUTER FOLIO REFERENCE
600/823147
EDITION No. & DATE OF CURRENT CERTIFICATE OF TITLE
CANCELLED

Page 1

CERTIFICATE OF TITLE HAS NOT ISSUED

LAND

LOT 600 IN DEPOSITED PLAN 823147

AT KARIONG

LOCAL GOVERNMENT AREA GOSFORD

PARISH OF GOSFORD COUNTY OF NORTHUMBERLAND

TITLE DIAGRAM DP823147

FIRST SCHEDULE

THE STATE OF NEW SOUTH WALES

SECOND SCHEDULE (4 NOTIFICATIONS)

- * 1 LAND EXCLUDES MINERALS - SEE SECTION 171 CROWN LANDS ACT 1989 AS REGARDS THE PART SHOWN SO DESIGNATED IN THE TITLE DIAGRAM
- * 2 PART DEDICATED FOR INDUSTRIAL SCHOOL SITE GAZETTE 18-9-1912.DEDICATED AS ADDITION TO SITE FOR INDUSTRIAL SCHOL GAZETTE 29-9-1916
- * 3 PART R.63272 FROM SALE FOR SITE FOR INDUSTRIAL SCHOOL (ADDITION) NOTIFIED 1-44-1932
- * 4 DP823714 ***** FOLIO CANCELLED ***** NEW FOLIOS HAVE BEEN CREATED FOR LOTS 475 AND 476 IN DP823714

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

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FOLIO CANCELLED

The Registrar General certifies that at the date and time specified above the person(s) described in the First Schedule was the registered proprietor of an estate in fee simple (or other such estate or interest set out in the Schedule) in the land described, subject to any exceptions, encumbrances, interests, and entries which appear in the Second Schedule.

* 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.



Registrar General

HISTORICAL TITLE SEARCH

Certificate issued under Section 96G
of the Real Property Act 1900

No. B136

Search certified to: 17/2/2011 11:49AM

Computer Folio Reference: 10/1149050

Page 1

First Title(s): 446/726266 OLD SYSTEM

Prior Title(s): 701/1128417

Recorded	Number	Type of Instrument	C.T. Issue
-----	-----	-----	-----
10/3/2010	DP1149050	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
13/5/2010	AF454744	RESUMPTION APPLICATION	FOLIO CREATED EDITION 1
10/9/2010	AF751460	RESTRICTION ON USE OF LAND BY/VESTED IN PRESCRIBED AUTHORITY	
22/11/2010	AF889492	DETERMINATION OF LEASE	

*** END OF SEARCH ***

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The Registrar General certifies that at the date and time specified above the information set out in this search constitutes the historical record of all dealings recorded in or action taken in respect of the mentioned title which is required to be kept by the Registrar General under section 32(7) of the Real Property Act 1900.



Registrar General

HISTORICAL TITLE SEARCH

Certificate issued under Section 96G
of the Real Property Act 1900

No. B136

Search certified to: 16/2/2011 12:57PM

Computer Folio Reference: 476/823714

Page 1

First Title(s): 446/726266

Prior Title(s): 600/823147

Recorded	Number	Type of Instrument	C.T. Issue
-----	-----	-----	-----
3/3/1995	DP823714	DEPOSITED PLAN	FOLIO CREATED CT NOT ISSUED
17/10/1995	DP852984	DEPOSITED PLAN	
11/3/1996	2005875	DEPARTMENTAL DEALING	
20/11/1996	2616173	RESUMPTION APPLICATION	
20/11/1996	2569690	RESUMPTION APPLICATION	FOLIO CANCELLED
1/2/2000	6526776	DEPARTMENTAL DEALING	

*** END OF SEARCH ***

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The Registrar General certifies that at the date and time specified above the information set out in this search constitutes the historical record of all dealings recorded in or action taken in respect of the mentioned title which is required to be kept by the Registrar General under section 32(7) of the Real Property Act 1900.



Registrar General

HISTORICAL TITLE SEARCHCertificate issued under Section 96G
of the Real Property Act 1900

No. B136

Search certified to: 16/2/2011 12:57PM

Computer Folio Reference: 446/726266

Page 1

First Title(s): 446/726266

Prior Title(s): CROWN LAND

Recorded	Number	Type of Instrument	C.T. Issue
-----	-----	-----	-----
5/7/1988	DP726266	DEPOSITED PLAN	FOLIO CREATED CT NOT ISSUED
11/10/1993	DP823147	DEPOSITED PLAN	FOLIO CANCELLED

*** END OF SEARCH ***

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PRINTED ON 16/2/2011 B136

The Registrar General certifies that at the date and time specified above the information set out in this search constitutes the historical record of all dealings recorded in or action taken in respect of the mentioned title which is required to be kept by the Registrar General under section 32(7) of the Real Property Act 1900.



Registrar General

For Travelling Stock and Camping.

LAND DISTRICT OF GUNNEDAH, AND TAMARANG SHIRE.

No. 47,210 from sale (47,211 from lease generally). County of Pottinger, parish of Lawson, containing an area of about 105 acres. The Crown Lands within the following boundaries: Commencing at the south-eastern corner of the suburban lands of the village of Bundella; and bounded thence by the eastern side of Elwin-street northerly to the General Cemetery, dedicated 14th October, 1881; by the southern, eastern, and northern boundaries of that cemetery; again by the aforesaid street northerly to the north-easterly prolongation of the south-eastern side of the road 5 chains wide passing through the village of Bundella; by that prolongation north-easterly to portion 68; by portions 68, 136, and 1, to the point of commencement.

[Ms. 1911-18,165]

EASTERN DIVISION.**For Site for Industrial School.**

LAND DISTRICT OF GOSFORD, AND ERINA SHIRE.

No. 47,205 from sale (47,206 from lease generally). County of Northumberland, parish of Gosford, containing an area of about 667 acres 2 roods. The Crown Lands within the following boundaries: Commencing on the northern side of the road from Peat's Ferry to Gosford, at the south-east corner of portion 26, parish Narara; and bounded thence by that road generally north-easterly to the western boundary of portion 25, parish of Patonga; by part of the western boundary of that portion and its prolongation northerly to the southern side of the road from Mooney Creek to Gosford; by that road generally westerly to a point north of the north-east corner of the first-mentioned portion; and thence by a line partly forming the east boundary of that portion southerly, to the point of commencement.

[Ms. 1911-16,255]

For Mechanics' Institute Site.

LAND DISTRICT OF STROUD, AND WALLAROBBA SHIRE.

No. 47,199 from sale (47,200 from lease generally). County of Gloucester, parish of Karuah, village of Allworth, containing an area of 1 rood. The Crown Lands within allotment 3 of section 2,—shown on plan Allworth 3.

NOTE.—Includes reserve 47,079 from sale and lease generally, notified 4th October, 1911, which is hereby revoked.

[Ms. 1911-16,254]

For Public Recreation.

METROPOLITAN LAND DISTRICT, AND MUNICIPALITY OF WILLOUGHBY.

No. 47,207 from sale (47,208 from lease generally). County of Cumberland, parish of Willoughby, at Sailor's Bay, Middle Harbour, containing an area of 2 acres 3 roods. The Crown Lands within the boundaries indicated by green edging on plan catalogued Ms. 3,363 Sy.; being the reservation of 100 feet above high-water mark within J. L. Spencer's grant of 10 acres, portion 347.

[Ms. 1911-18,342]

For Council Chambers Site.

LAND DISTRICT OF RYLSTONE, AND RYLSTONE SHIRE.

No. 47,203 from sale (47,204 from lease generally). County of Roxburgh, parish of Rylstone, town of Rylstone, containing an area 1 rood 4½ perches. The Crown Lands within the boundaries of allotment 8, section 5,—shown on plan R. 41-1,274.

NOTE.—Includes part of reserve 9,807 for public buildings, notified 28th September, 1889, which is hereby revoked.

[Ms. 1911-18,521]

[3271]

Department of Lands,
Sydney, 22nd November, 1911.

RESERVES FROM SALE OR LEASE, &c.

IT is hereby notified that, in pursuance of the provisions of the 39th section of the Crown Lands Act of 1889, the lands hereunder described shall be

and are hereby temporarily reserved from sale or lease respectively, or from sale and lease, &c., as herein-after specified.

G. S. BEEBY.

CENTRAL DIVISION.**From Lease generally and from Sale other than Auction Sale or After-auction Sale.**

LAND DISTRICT OF WARIALDA, AND YALLAROI SHIRE.

No. 47,212. County of Burnett, parish of Warialda, containing an area of about 20 acres. The Crown Lands within the boundaries of measured portions 177 to 216 inclusive,—and as shown on plans catalogued B. 2,446, 2,447, and 2,448-1,951.

[Aln. 1911-14,956]

From Sale generally.

LAND DISTRICT OF TUMBARUMBA NORTH, AND KYEAMBA SHIRE.

No. 47,216. County of Wynyard, parish of Umbango, containing an area of about 500 acres. The Crown Lands bounded by portions 66, 114, 134, 212, parish of Umbango, and portion 64, parish of Mate, easterly; again by portion 64 northerly; by portions 218, 217, and 88, water reserve 883, notified 9th June, 1871, parish of Umbango westerly, southerly, and again westerly; and by Umbango Creek upwards.

NOTE.—The above includes Homestead Selection Area No. 1,362, and reserve 47,132 from sale other than by way of homestead selection, notified 25th October, 1911, which are hereby revoked.

[Ms. Ls. 1911-15,940]

From After-auction Sale.

METROPOLITAN LAND DISTRICT, AND SUTHERLAND SHIRE.

No. 47,220. County of Cumberland, parish of Sutherland, containing an area of 60 acres 2 roods 22 perches. The Crown Lands within the boundaries of the following measured portions:—

Portion.	Area.	Catalogue No. of Plan.	Portion.	Area.	Catalogue No. of Plan.
297	a. r. p.	C. 2,370-2,030.	334	a. r. p.	C. 2,374-2,030.
298	0 3 4	C. " "	335	1 0 14	C. " "
300	1 0 0	C. " "	336	1 0 22	C. " "
301	1 0 0	C. " "	337	1 0 27	C. " "
315	1 0 0	C. 2,371	338	1 0 7	C. " "
316	1 0 0	C. " "	339	1 0 0	C. " "
317	1 0 0	C. " "	340	1 0 0	C. " "
320	1 0 20	C. 2,372	374	1 1 16	C. 2,379
321	1 1 2	C. " "	375	1 0 30	C. " "
322	1 0 0	C. " "	376	1 0 17	C. " "
323	1 0 0	C. " "	377	0 3 6	C. " "
324	1 0 0	C. " "	378	0 2 35	C. " "
341	1 0 0	C. " "	381	0 3 36	C. 2,380
342	1 0 0	C. " "	382	0 3 39	C. " "
343	1 0 0	C. " "	387	1 1 4	C. 2,381
344	1 0 0	C. " "	388	1 0 0	C. " "
345	1 1 0	C. " "	389	1 0 0	C. " "
346	1 1 23½	C. " "	390	1 0 0	C. " "
325	1 0 0	C. 2,373	392	0 3 37	C. 2,382
326	1 0 16½	C. " "	393	0 3 37	C. " "
327	1 0 20	C. " "	394	1 0 31	C. " "
328	1 1 13	C. " "	395	1 1 20	C. " "
329	1 2 26	C. " "	396	1 1 20	C. " "
330	1 1 20	C. " "	397	1 1 20	C. " "
331	1 0 8½	C. " "	398	1 1 20	C. " "
332	1 0 19	C. " "	399	1 2 21	C. " "
333	1 0 18½	C. 2,374	400	1 3 6½	C. " "

[Aln. 1911-16,014]

From Sale and Lease generally.

LAND DISTRICT OF TUMBARUMBA, AND TUMBARUMBA SHIRE.

Within suburban lands of town of Tumbarumba.

No. 47,209. County of Selwyn, parish of Tumbarumba, containing an area of about 108 acres. The Crown Lands within the following boundaries: Commencing at the north-west corner of portion 415; thence by a line west, by the eastern and south-eastern boundaries of portions 353, 424, 423, a line, 422, 421, 420, 419, and 418, and the prolongation of the south-eastern boundary of the latter portion to the suburban boundary of the town of Tumbarumba; by that boundary east 25 chains, by a line south to Pound Creek; by that creek south-westerly to the westernmost corner of portion 222; by the south-west boundary of that portion south-easterly, by a line south-westerly to the easternmost corner of portion 318; and by the northern boundaries of portions 318 and 415 and a line westerly, to the point of commencement;—exclusive of freehold portions 72, 73, and 74, and of a race 30 links wide between portions 222 and 415.

[Ms. 1911-18,579]

PROCLAMATION—continued.

NOTIFICATION OF DEDICATION OF LANDS FOR PUBLIC PURPOSES UNDER THE CROWN LANDS ACT OF 1884.

WHEREAS an abstract of the intended dedication of the various areas of Crown Land described in the Schedule hereto, for the purposes therein mentioned, has been duly laid before both Houses of Parliament of the said State, in accordance with the provisions of the 104th section of the Crown Lands Act of 1884: And whereas I, FREDERIC JOHN NAPIER, BARON CHELMSFORD, the Governor aforesaid, with the advice of the Executive Council of the said State, have approved of the dedication of such lands for the purposes aforesaid, as more particularly specified in the Schedule hereto: Now, therefore, I, FREDERIC JOHN NAPIER, BARON CHELMSFORD, do hereby, as Governor aforesaid, with the like advice, do, by this notification, to be published in the Government Gazette, dedicate the various areas of Crown Land hereinbefore mentioned, and as more particularly described in the Schedule hereto, to the respective public purposes specified in connection therewith.

[1912-15,272]

SCHEDULE.

List No. 8 of 1912.

Place.	County.	Portion.	Allotment.	Section.	Locality.	Area.	Purpose of intended Dedication.	No. of Papers.	Cat. No. of Plan.
Ariah Park ...	Bourke ...	18	8		Village of Ariah Park...	a. r. p. 0 2 12	Mechanics' institute site	Ms. 1912- 2,422...	Ariah Park 4
Arrows Creek ...	Fitzroy ...				Parish of Fenton ...	0 3 0	Public road ...	Ms. 1912- 7,242...	R. 10,442-1,603
Banckburn ...	Ararawatta ...	189			Parish of Banckburn ...	2 0 0	Public school site ...	Ms. 1912-10,090...	A. 2,995-1,847
Bourke ...	Bourke ...	1	7		Village of Beckom ...	2 0 11	Public school site ...	Ms. 1912- 5,856...	Beckom 11
Bellington ...	Balclutha ...				Village of Bellington ...	0 1 0	Public road ...	Ms. 1912- 5,024...	R. 10,520-1,603
Blayney ...	Bathurst ...	4	22		Town of Blayney ...	0 1 39 1/2	Public school site ...	Ms. 1912- 9,902...	B. 18-1,232
Boulton ...	Leichhardt ...	50			Parish of Quanda ...	2 0 0	Public school site ...	Ms. 1912- 2,325...	L. 8,199-1,902
Boulton River ...	Cumberland ...				Parish of Petersham ...	4 3 30	Public recreation ...	Ms. 1912- 9,823 ...	Ms. 3,787 Sy. Roll.
Boulton ...	Harden ...	1	58		Town of Cootamundry...	4 2 6	Hospital site ...	Ms. 1912- 8,328...	C. 21-1,772
Boulton ...	Northumberland ...	249 to 255 & 257.			Parish of Gosford ...	581 2 0	Site for industrial school	Ms. 1912- 4,665...	N. 4,706 to 4,712 & 4,775-2,111.
Boulton ...	Northumberland ...				Parish of Newcastle ...	1 2 0	Public recreation (addition)	Ms. 1912-11,199...	P. 2-2,259 (sheet 2).
Boulton ...	Buller ...	253			Parish of Acacia ...	2 0 0	Public school site ...	Ms. 1912- 8,712...	B. 2,140-1,741
Boulton ...	Kennedy ...	40			Parish of Graddie ...	2 0 0	Public school site ...	Clo. Sett. 1912- 1,712.	K. 1,335-2,994
Boulton ...	Drake ...	145			Parish of Fulganbar ...	2 0 0	Public school site ...	Ms. 1912- 3,224...	D. 1,031-1,743
Boulton ...	Cumberland ...	That area of land shown by red tint on plan catalogued Ms. 3,797, Sy. Roll.			Parish of Alexandria...	0 0 9 1/2	Public road ...	Ms. 1912-10,551...	Ms. 3,797, Sy. Roll.
Boulton ...	Rous ...	20			Parish of Findon ...	2 0 0	Public school site ...	Ms. 1912- 6,199...	R. 7,162-1,769
Boulton ...	Gloucester ...				Parish of Fitzroy ...	9 2 0	Public road ...	Ms. 1912- 8,952...	R. 9,412-1,903
Boulton ...	Vernon ...	186			Parish of Tia ...	2 0 0	Public school site ...	Ms. 1912- 8,073...	V. 2,704-1,719
Boulton ...	Rous ...	9	5		Village of Tyalgum ...	0 2 0	Mechanics' institute site.	Ms. 1912- 9,972...	Tyalgum, 6

REVOCATION OF DEDICATIONS, &c.

WHEREAS under the 105th section of the Crown Lands Act of 1884, and the 41st section of the Crown Lands Act of 1889, power is given for the revocation of any dedication and grant of Crown Land dedicated and granted by the Crown: Now, therefore, I, FREDERIC JOHN NAPIER, BARON CHELMSFORD, as such Governor as aforesaid, with the advice of the Executive Council of the said State, do hereby declare that all preliminary action in connection with the proposed revocation of the dedication and grant of the whole of the land at Kullatine, area 2 acres, dedicated 15th August, 1871, for Public School site, and described in the Schedule hereto, has been duly taken: I do hereby, with such advice as aforesaid, wholly revoke the dedication and grant of the said land, and proclaim that the said dedication and grant shall be and are hereby revoked:—

THE SCHEDULE REFERRED TO.

Description of 2 acres of land at Kullatine, the dedication and grant of which are hereby revoked.

All that piece or parcel of land containing 2 acres, situated at Kullatine, parish of Kullatine, county of Dudley, and State of New South Wales, being the land within the boundaries of measured portion 63,—as shown on plan P. 110-1,978.
[1912-15,263]

WHEREAS under the 105th section of the Crown Lands Act of 1884, the 41st section of the Crown Lands Act of 1889, and the 7th section of the Public Trusts Act, 1897, power is given for the revocation of part of any dedication and grant of Crown Land dedicated and granted by the Crown: Now, therefore, I, FREDERIC JOHN NAPIER, BARON CHELMSFORD, as such Governor as aforesaid, with the advice of the Executive Council of the said State, do hereby declare that all preliminary action in connection with the proposed revocation of the dedication and grant for Show Ground at Brewarrina, area 13 acres, dedicated 13th May, 1887, so far only as they affect the parts of the said area containing 11 acres 3 roods 32 perches and described in the Schedule hereto: And I do hereby, with such advice as aforesaid, wholly revoke the said dedication and grant in so far as they apply to or affect the said 11 acres 3 roods 32 perches of land described in the Schedule hereto, and proclaim that the said dedication and grant shall be and are hereby revoked so far only as they apply to or affect the said part:—

THE SCHEDULE REFERRED TO.

Description of 11 acres 3 roods 32 perches, part of 13 acres originally dedicated for a Show Ground at Brewarrina, the dedication and grant of which part are hereby revoked.

All that piece or parcel of land situate in the parish of Brewarrina, county of Clyde, State of New South Wales, and partly within the Brewarrina suburban lands, containing an area of 11 acres 3 roods 32 perches: Commencing on the left bank of the Darling River at the north-eastern corner of the Brewarrina Pastoral Association's Show Ground, portion 26; and bounded thence on the north by the southern boundary of that land bearing south 89 degrees 32 minutes west 14 chains 77 links to its south-western corner; on the east by the western boundary of that land bearing north 28 minutes west 10 chains 57 links to its north-western corner; again on the north by part of the northern boundary of portion 110 bearing south 89 degrees 32 minutes west 1 chain 40 links; on the west by a line partly forming an eastern boundary of that portion and the eastern side of Walgett-street bearing south 17 chains 69 links to the northern side of Bourke-street; on the south by the northern side of that street bearing east 14 chains; on the south-east by a line bearing north 45 degrees east 3 chains 90 links to the left bank of the Darling River aforesaid; and again on the east by that bank of that river downwards, to the point of commencement,—being portion 111, as shown on plan catalogued B. 12-1,829; exclusive of an area of 1 acre 0 roods 8 perches resumed on 1st November, 1902, for the supply of water at Brewarrina.
[1912-15,266]

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(5496)

Sydney, 16th November, 1951

REVOCATION OF RESERVES FROM SALE, LEASE, Etc.

IT is hereby notified that under the provisions of section 30 of the Crown Lands Consolidation Act, 1913, the reserves from sale, lease, etc., hereunder described, are hereby revoked.

J. B. RENSHAW, Minister for Lands.

	Reserve No.	Purpose.	Date of Notification.	Parish.	County.	Shire, etc.	Area.	Part Revoked.	Page & No.
Lands.	Crookwell ... 42,849	Camping	1 July, 1908	Binda ... (Village Binda).	Georgiana ...	Crookwell ...	a. r. p. 4 1 0 (about).	Parts within R. 74,586 from sale for quarry, notified this day and road 100 links wide, separating portion 169 from Block A, Suburban Holding Area No. 1,994, set apart this day.	P. 51-7,452
ne and of l to close,	Gosford	From sale or lease, section 206.	.....	Morrissey ...	Northumberland.	Lake Macquarie.	40 0 0	Portion 46. N. 497-2,111.	T. 51,9,378
ars also	Do	From sale or lease other than annual lease, section 228.	.....	do ...	do ...	do ...	232 0 0 ex. road.	Portion 6. N. 4,315-2,111	do
	Kempsey ... 36,598	From sale for public school purposes.	31 Oct., 1903	Yarrahapinni.	Dudley ...	Macleay ...	0 2 34	Now comprised in portion 193 and road. D. 2,819-1,505.	P. 51-491
	Do ... 36,598	From lease generally ...	31 .. 1903	do	do	do	0 2 34	do do	do
	Moree ... 71,662	From sale for future public requirements.	21 Sept., 1945	Moree	Courallie ...	Municipality Moree.	7 2 18	The whole; portion 376. C. 2,725-1,880.	S. 50-13,594
	Do	From sale or lease other than annual lease (section 228).	21 .. 1945	do	do	do	2 0 18 (about).	The whole; part portion 376. C. 2,725-1,880.	do
vide within deviation cessary by losed and tion with rches).	Parramatta ... 37,671	From sale for Mechanics Institute.	7 May, 1904	Berowra ...	Cumberland	Hornsby ...	0 1 16	Whole; portion 91. C. 2,439-2,030.	T. 51-9,214
	Do ... 37,672	From lease generally ...	7 .. 1904	do	do	do	0 1 16	do do	do
	Rylstone ... 72,776	From sale for future public requirements.	16 July, 1948	Morundurey.	Roxburgh ...	Rylstone Municipality.	33 3 10	The whole; portion 58. R. 4,500-1,496.	T. 51-10,398
	Tamworth	From sale or lease under section 228.	.....	Venus	Darling ...	Manilla ...	22 2 30	Portions 218 and 227. D. 3,821, 3,983-1,808.	L. 50-7,456
	Do	do do	.....	Dungowen (Village)	Parry	Nundle ...	22 1 0 (about).	Expired Sp. L. 1,742. D. 1, 3, 4, 5, and 6-1,748.	L. 50-1,221.
	Taree	From sale or lease other than annual lease, section 228.	.....	Taree	Anderson's F	Manning ...	0 1 0 (about).	Within approved Sp.L. 50-30; block B, portion 183. M. 8,144-666.	L. 51-2,346
	Warialda ... 40,350	From lease generally ...	22 Feb., 1911	Boonanga ...	Stapylton ...	Yallaroi ...	13 3 0 (about).	The whole ...	L. 50-7,430
	Cobar	From sale for commonage (Cobar).	24 Mar., 1933	Cobar	Robinson ...	Municipality of Cobar.	7 1 0 (about).	Part shown by red edging. Plan W.L.O. 6,226.	W.L.O. 51-5,876.
	Do	From lease and license generally.	24 .. 1933	do	do	do	7 1 0 (about).	do do	P. 51-8,602
	Do	From after auction purchase.	10 June, 1914	do	do	do	3 2 0 (about).	Part allotments 1 to 7 inclusive, section 5.	P. 51-6,695
	Glen Innes ... 46,112	From sale for public recreation.	21 Dec., 1910	Glen Innes	Gough ...	Municipality Glen Innes.	3 0 0 (about).	The part south-east of a line parallel to and 150 links rectangularly distant from the north-western boundary of portion 130. G. 6,605-1,761.	W.L.O. 51-3,294.
r, 1951.	Do	From lease generally ...	21 .. 1910	do	do	do	3 0 0 (about).	do do	P. 51-4,012
R	Gosford ... 47,205	From sale for site for industrial school.	22 Nov., 1911	Gosford	Northumberland.	Gosford ...	667 2 0 (about).	The whole; includes portions 249, 250, 251, 252, 253, 254, 255, 257. N. 4,706, 4,707, 4,708, 4,709, 4,710, 4,711, 4,712, 4,775-2,111.	P. 51-7,867
or area	Do ... 47,206	From lease generally ...	22 .. 1911	do	do	do	667 2 0 (about).	do do	do
ands.	Grafton ... 55,264	From sale for racecourse ...	7 Apr., 1922	Yamba	Clarence (Suburbs of Yamba).	Harwood ...	62 0 0 (about).	The whole ...	P. 51-6,041
	Do ... 55,265	From lease generally ...	7 .. 1922	do	do	do	62 0 0 (about).	do do	do
pers No.	Moruya ... 23,807	From annual lease ...	7 Mar., 1896	Bateman	St. Vincent (Town of Mogo).	Eurobodalla	0 3 0 (about).	Allotments 1, 3 and 4, section 20. M. 28-2,136.	L. 51-3,440
1-6,853	Newcastle ... 44,642	From sale for storage of explosives.	22 Dec., 1909	Newcastle	Northumberland.	Lower Hunter.	18 0 0 (about).	The whole. Sandy Island. Special Lease 41 Md.	P. 51-7,585
	Do ... 44,643	From lease generally ...	22 .. 1909	do	do	do	18 0 0 (about).	do do	do
	Nyngan ... 1,002 (M).	Mining or mining purposes.	12 Feb., 1908	Beaconsfield	Kennedy ...	Lachlan ...	90 0 0 (about).	Part within portion 224. Plan K. 2,405-2,064.	T. 51-10,688
	Do ... 34,981	From conditional sale ...	20 Sept., 1902	do	do	do	163 2 0 (about).	do do	do
	Do	From sale or lease other than annual lease (section 228).	11 Aug., 1946	do	do	do	253 3 0 (about).	The whole. Portion 224. Plan K. 2,405-2,004.	do
	Parities ... 73,075	From after auction purchase.	15 Sept., 1950	Mingelo (Environs and Suburban L. Hill).	Narrabri ...	Municipality Peak Hill. Lands of Peak Hill).	1 2 34	Portions 350, 351 and 352. N. 1,385-1,884.	T. 51-10,021

(5501)

Sydney, 16th November, 1951.

RESERVES FROM SALE.

IT is hereby notified that, in pursuance of the provisions of section 28 of the Crown Lands Consolidation Act, 1913, the Crown lands hereunder described shall be reserved from sale for the public purpose hereinafter specified, and they are hereby reserved accordingly.

J. B. RENSHAW, Minister for Lands.

FOR FUTURE PUBLIC REQUIREMENTS.

LAND DISTRICT—TAMWORTH; SHIRE—NUNDLE.

No. 74,584 from sale. Parish Dungowan, county Parry, about 33½ acres within village Anderson's Flat, allotments 6 to 10 inclusive, section 13, allotments 1, 2, 3, 6 to 10 inclusive, section 14, section 15, allotments 1 to 8 inclusive, and 10 to 16 inclusive, section 16, section 17, allotments 1 and 3 to 15 inclusive, section 18, closed street separating section 15 from section 16 and closed lane traversing section 16. D 1, 3, 4, 5 and 6-1,748. C. 527-1,984. L. 50-1,221.

LAND DISTRICT—GOSFORD; SHIRE—LAKE MACQUARIE.

No. 74,585 from sale. Parish Morrissey, county Northumberland, 404 acres 1 road ex. road, portions 6, 46, 436, 440. N. 4,315, 497, 6,690, 7,346-2,111. T. 51-9,378.

LAND DISTRICT—MORUYA; SHIRE—EUROBODALLA.

No. 74,590 from sale. Parish Bateman, town Mogo, county St. Vincent, 3 roads, allotments 1, 3 and 4, section 20. M. 28-2,136. L. 51-3,440.

LAND DISTRICT—GRAFTON; SHIRE—HARWOOD.

No. 74,594 from sale. Parish Yamba, county Clarence (suburbs of Yamba), about 62 acres. The whole of area formerly comprising Reserve for Racecourse, revoked this day. P. 51-6,041.

ERINA SHIRE

Within the Population Area of Gosford Proc'd 6th Aug '87

Papers

5124

PLAN OF PORTION 254

County of Northumberland Parish of Gosford

Land District of Gosford

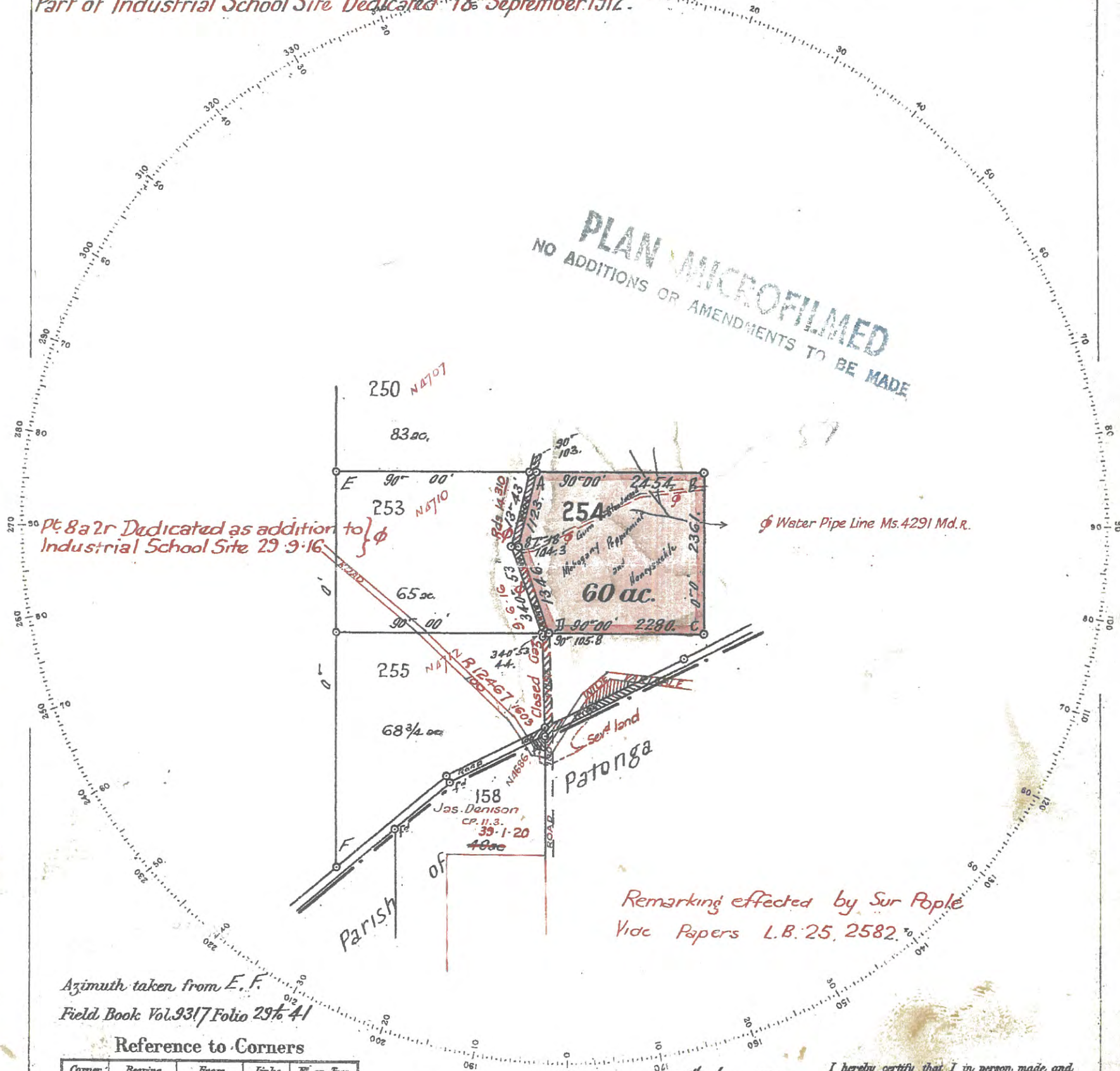
Land Board District of Maitland Eastern Division

RESUMED AREA N^o

PASTORAL HOLDING

Applied for under the Section of the Crown Lands Act of by
Within R47205 from Sale, 47206 from Lease generally for Site for Industrial School Notified 22nd Nov 1911. Revoked 16-11-51
Part of Industrial School Site Dedicated 18th September 1912.

PLAN MICROFILMED
NO ADDITIONS OR AMENDMENTS TO BE MADE



Remarking effected by Sur Pople
Vide Papers L.B. 25, 2582.

Azimuth taken from E. F.

Field Book Vol. 93/7 Folio 29 & 41

Reference to Corners

Corner	Bearing	From	Links	N ^o on Tree
A	19° 00'	Gum	67.0	254
B	276° 50'	Peppermint	55.4	254
C	101° 10'	Gum	62.0	254
D	158° 50'	Bloodwood	58.2	254

4711.2111

Improvements

Reference to Traverse

Line	Bearing	Distance

I hereby certify that I in person made and on the 13th June 1911 completed the survey represented on this plan on which are written the bearings and lengths of the lines measured by me and I declare that the survey has been executed in accordance with the regulations published for the guidance of Licensed Surveyors and the practice of the Department of Lands

Pray H. Nelson

Licensed Surveyor

Transmitted to the District Surveyor with my letter of 29th July 1911/27

Voucher N^o 110 Passed 8.3.4 Sat 7.10.11

Calculation Book N^o

Checked and Charted 29th Sep 11.

Examined 29th Sep 11.

Plan approved 13th October 1911

Draftsman-in-Charge

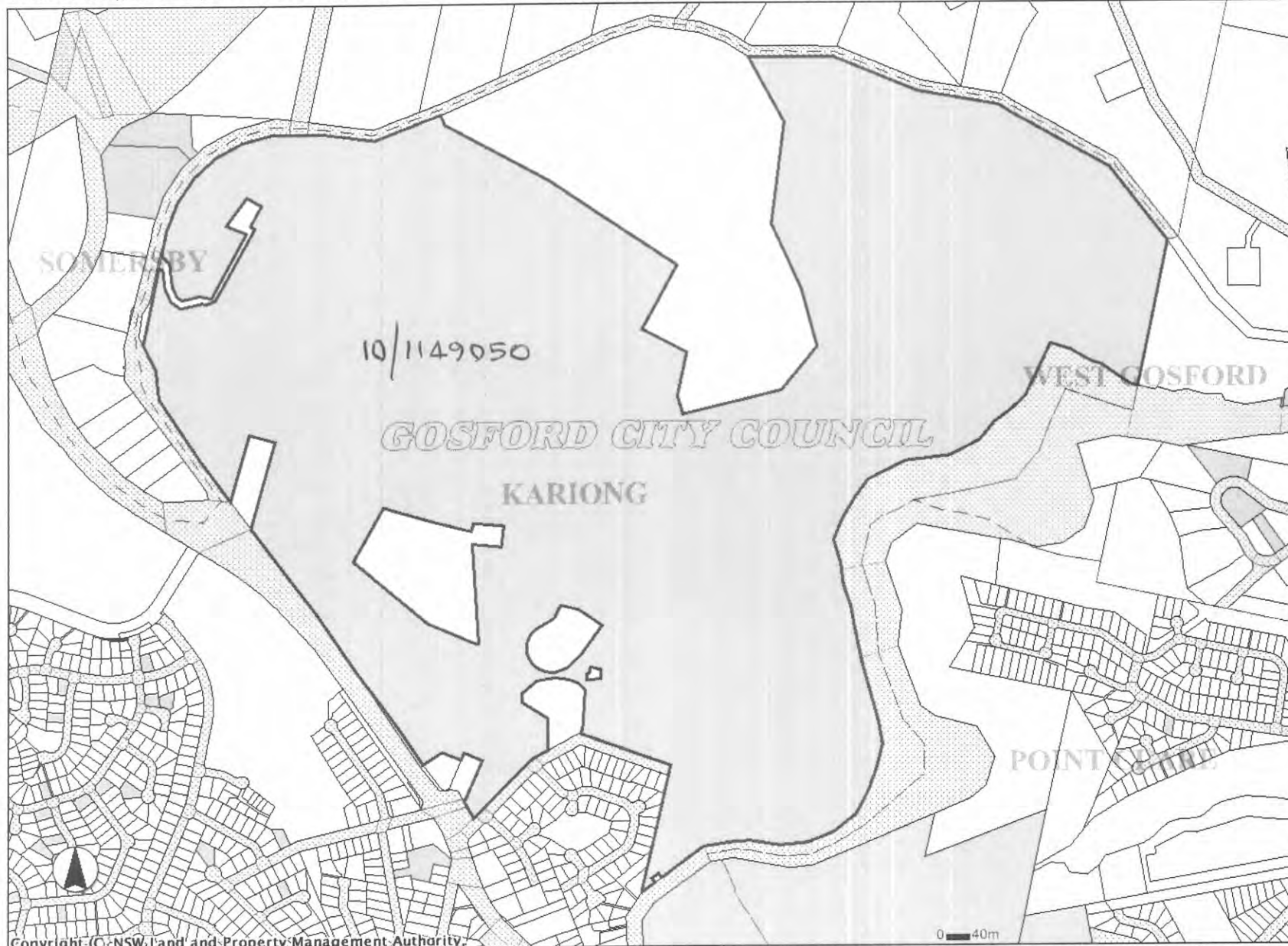
Scale 20 Chains to an Inch.

Lithographed by Turner - Henderson

Cat. N^o N 4711

Printed : Tuesday, 15 February 2011 2:59:37 PM by planroom3

Cadastral Records Viewer Print



Current Feature
Lot 10 DP1149050
 Locality: KARIONG
 LGA: GOSFORD
 Parish: GOSFORD,PATONGA
 County: NORTHUMBERLAND

LEGEND

Legend
Parcels [Selected Features]

- Current Feature
- Other Selected Features
- Localities
- LGAs
- Rail Corridor
- Waterway Corridor
- Waterways
- Unidentified Parcels
- Parcels**
- Standard Lot
- Standard Part Lot
- Strata
- Stratum
- Road Corridor
- Roads

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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.

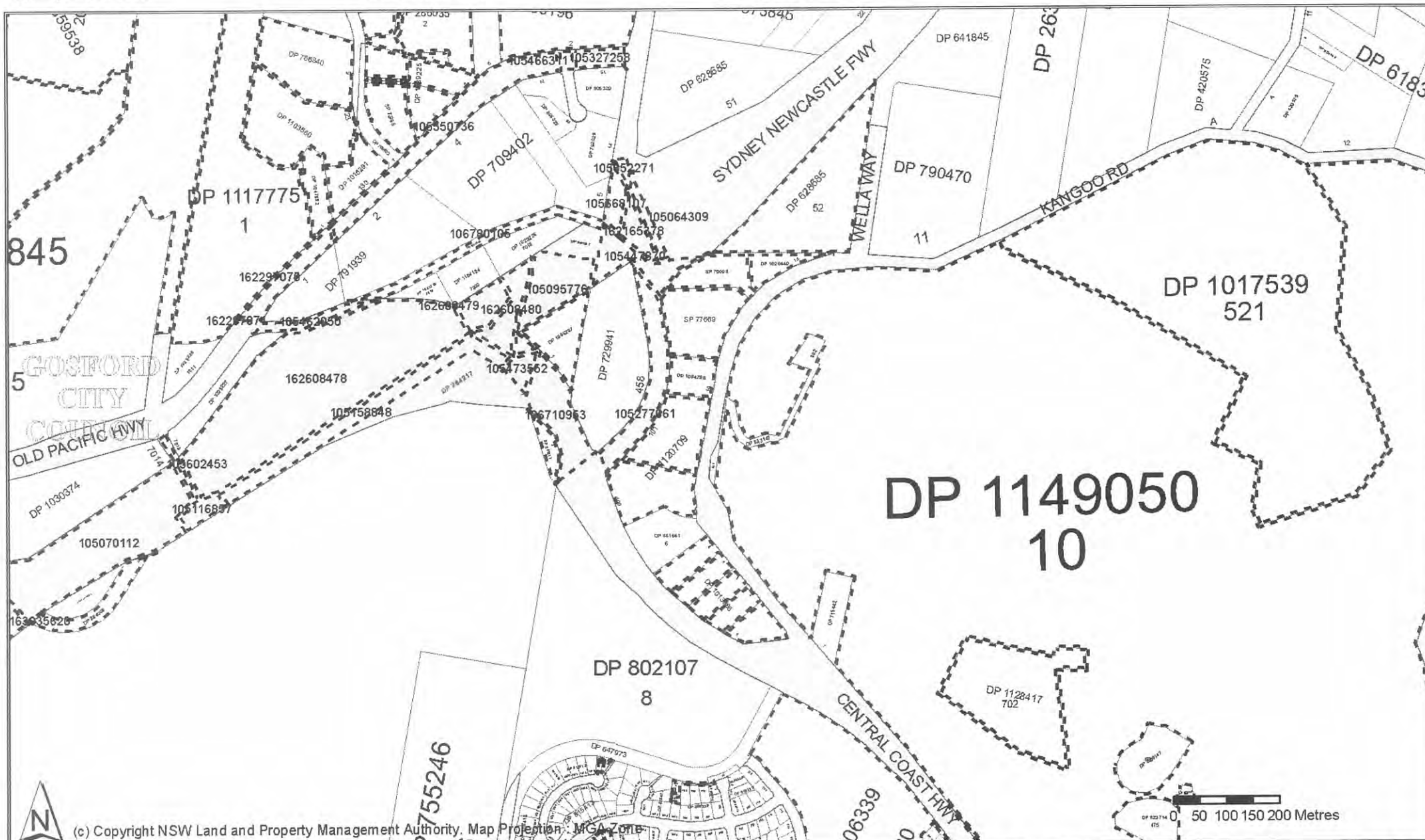
Land & Property
Management Authority

Identified Parcel : Lot 607 DP 823147

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND





Cadastral Records Enquiry Report

Ref : 136

Requested Parcel : Lot 607 DP 823147

Identified Parcel : Lot 607 DP 823147

Locality : KARIONG

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND

	Status	Surv/Comp	Purpose
DP1047592			
Lot(s): 1			
DP1039837	REGISTERED	SURVEY	SUBDIVISION
DP1045001	REGISTERED	SURVEY	LEASE
SP49810	HISTORICAL	COMPILATION	STRATA PLAN
SP49810 TERMINATED - SEE 9150668			
DP1056297			
Lot(s): 1			
NSW GAZ	11-06-2004	Folio : 3554	
ACQUIRED FOR THE PURPOSES OF GROWTH CENTRES			
DP1064768			
Lot(s): 10			
DP881661	HISTORICAL	SURVEY	SUBDIVISION
DP1009776	REGISTERED	SURVEY	SUBDIVISION
DP1013986	REGISTERED	SURVEY	SUBDIVISION
DP1026449	REGISTERED	SURVEY	SUBDIVISION
DP1055012	REGISTERED	SURVEY	SUBDIVISION
DP1103560			
Lot(s): 23			
DP806907	HISTORICAL	SURVEY	SUBDIVISION
DP1016291	REGISTERED	SURVEY	CONSOLIDATION
DP1039837	REGISTERED	SURVEY	SUBDIVISION
DP1045001	REGISTERED	SURVEY	LEASE
SP49810	HISTORICAL	COMPILATION	STRATA PLAN
DP1104016			
Lot(s): 7671, 7672			
DP806339	HISTORICAL	SURVEY	SUBDIVISION
DP1117775			
Lot(s): 1			
DP786343	HISTORICAL	SURVEY	SUBDIVISION
DP795629	HISTORICAL	COMPILATION	DEPARTMENTAL
DP806907	HISTORICAL	SURVEY	SUBDIVISION
DP1016291	REGISTERED	SURVEY	CONSOLIDATION
DP1039837	REGISTERED	SURVEY	SUBDIVISION
DP1045001	REGISTERED	SURVEY	LEASE
DP1047592	REGISTERED	SURVEY	SUBDIVISION
DP1049097	REGISTERED	UNAVAILABLE	SURVEY INFORMATION ONLY
DP1073248	REGISTERED	SURVEY	CONSOLIDATION
DP1087765	HISTORICAL	SURVEY	CROWN FOLIO CREATION
DP1103560	REGISTERED	SURVEY	SUBDIVISION
SP49810	HISTORICAL	COMPILATION	STRATA PLAN
NSW GAZ	16-12-2005	Folio : 11027	
Closed Road: LOT 1 DP1087765			
DP1120709			
Lot(s): 100, 101			
DP881661	HISTORICAL	SURVEY	SUBDIVISION
DP1009776	REGISTERED	SURVEY	SUBDIVISION
DP1013986	REGISTERED	SURVEY	SUBDIVISION
DP1026449	REGISTERED	SURVEY	SUBDIVISION
DP1055012	REGISTERED	SURVEY	SUBDIVISION
DP1064768	REGISTERED	SURVEY	SUBDIVISION

Requested Parcel : Lot 607 DP 823147

Identified Parcel : Lot 607 DP 823147

Locality : KARIONG


















LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND

	Status	Surv/Comp	Purpose
DP1128417			
Lot(s): 702			
DP852984	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
DP1000335	REGISTERED	SURVEY	SUBDIVISION
DP1016950	REGISTERED	SURVEY	LEASE
DP1017539	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
DP1048317	REGISTERED	SURVEY	LEASE
DP1081969	REGISTERED	SURVEY	EASEMENT
NSW GAZ	19-09-2008		Folio : 9370
Acquired			
LOT 702 AND EASEMENTS SHOWN IN DP1128417 - FOR THE PURPOSES OF THE EDUCATION ACT, 1990			
DP1147560			
Lot(s): 10			
DP729016	HISTORICAL	COMPILATION	SUBDIVISION
DP1149050			
Lot(s): 10, 12			
DP852984	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
DP1000335	REGISTERED	SURVEY	SUBDIVISION
DP1016950	REGISTERED	SURVEY	LEASE
DP1017539	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
DP1048317	REGISTERED	SURVEY	LEASE
DP1081969	REGISTERED	SURVEY	EASEMENT
DP1128417	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
Lot(s): 12			
NSW GAZ	16-04-2010		Folio : 1895
Acquired for the Purposes of the Roads Act, 1993			
LOTS 12 AND 16 DP1149050 NOW REQUIRED FOR ROAD PURPOSES. SEE AF454744			
SP72955			
DP709402	HISTORICAL	SURVEY	SUBDIVISION
DP1039225	REGISTERED	SURVEY	SUBDIVISION
DP1049325	REGISTERED	COMPILATION	CONSOLIDATION
SP77669			
DP881661	HISTORICAL	SURVEY	SUBDIVISION
DP1009776	REGISTERED	SURVEY	SUBDIVISION
DP1013986	REGISTERED	SURVEY	SUBDIVISION
DP1026449	REGISTERED	SURVEY	SUBDIVISION
DP1055012	REGISTERED	SURVEY	SUBDIVISION
DP1064768	REGISTERED	SURVEY	SUBDIVISION
DP1102391	REGISTERED	SURVEY	EASEMENT
DP1111469	REGISTERED	SURVEY	EASEMENT
SP79098			
DP881661	HISTORICAL	SURVEY	SUBDIVISION
DP1009776	REGISTERED	SURVEY	SUBDIVISION
DP1013986	REGISTERED	SURVEY	SUBDIVISION
DP1026449	REGISTERED	SURVEY	SUBDIVISION
DP1055012	REGISTERED	SURVEY	SUBDIVISION
DP1102391	REGISTERED	SURVEY	EASEMENT
DP1111469	REGISTERED	SURVEY	EASEMENT
CLOSED ROAD			
Polygon Id(s): 106780105			
NSW GAZ	19-12-2008		Folio : 12909
Declared			
MAIN ROAD AND FREEWAY LOT 22 DP264218			
Intersection			
Polygon Id(s): 105447870			
NSW GAZ	13-08-1993		Folio : 4562
LOT 10 DP264217 AND LOTS 17 AND 18 DP264218 ACQUIRED FOR THE PURPOSES OF THE ROADS ACT, 1993			
PA82620 - PENDING			
NSW GAZ	19-12-2008		Folio : 12909
Dedicated Public Road Declared Main Road and Freeway			
LOTS 17, 18, 22, 23 AND 24 DP264218			

Caution: For all **ACTIVITY PRIOR to SEPT 2002** you must refer to the RGs Charting and Reference Maps.

	Status	Surv/Comp	Purpose
Polygon Id(s): 105466311  NSW GAZ Dedicated Public Road LOTS 3-6 IN DP260737	19-12-2008		Folio : 12909
Polygon Id(s): 105668107  NSW GAZ Declared MAIN ROAD AND FREEWAY LOT 22 DP264218	19-12-2008		Folio : 12909
Polygon Id(s): 162165378  NSW GAZ Dedicated Public Road Declared Main Road and Freeway	19-12-2008		Folio : 12909
Polygon Id(s): 105116857, 105473552  NSW GAZ Declared MAIN ROAD AND FREEWAY LOTS 12 AND 13 DP264217	19-12-2008		Folio : 12909
Polygon Id(s): 105064309, 105652271  NSW GAZ Declared MAIN ROAD AND FREEWAY LOT 23 DP264218	19-12-2008		Folio : 12909
Road Polygon Id(s): 105070112  NSW GAZ Dedicated Public Road Declared Main Road and Freeway MAIN ROAD AND FREEWAY LOT 19 AND 20 DP264006	19-12-2008		Folio : 12909
 NSW GAZ Dedicated Public Road Declared Main Road and Freeway LOT 12 DP264006	19-12-2008		Folio : 12909
Polygon Id(s): 105095776  NSW GAZ Dedicated Public Road Declared Main Road and Freeway LOT 10 DP264217	19-12-2008		Folio : 12909
Polygon Id(s): 105277061  NSW GAZ Dedicated Public Road Declared Main Road and Freeway LOTS 17, 18, 22, 23 AND 24 DP264218	19-12-2008		Folio : 12909
Polygon Id(s): 105462050  NSW GAZ Declared MAIN ROAD AND FREEWAY LOT 14 DP264217	19-12-2008		Folio : 12909
Polygon Id(s): 163035620  NSW GAZ Acquired for the Purposes of the Roads Act,1993 LOTS 4, 5, 8, 11 AND 17 DP264006	10-12-2004		Folio : 9124
 PA81788 - LOTS 4,5,8,11 AND 17 DP264006, LOTS 1 AND 4-9 DP261390, LOT 9 DP264217, LOT 10 DP631623 AND LOTS 2-3 DP812625			
Polygon Id(s): 105095776, 105277061  NSW GAZ LOT 10 DP264217 AND LOTS 17 AND 18 DP264218 ACQUIRED FOR THE PURPOSES OF THE ROADS ACT, 1993	13-08-1993		Folio : 4562
 PA82620 - PENDING			
Polygon Id(s): 105158848, 105602453, 106710953  NSW GAZ Declared MAIN ROAD AND FREEWAY LOTS 12 AND 13 DP264217	19-12-2008		Folio : 12909
Polygon Id(s): 105070112, 162608478, 162608479, 162608480  NSW GAZ LOTS 6 - 8 AND 11 DP264217 AND LOTS 6, 9, 10 AND 12 - 16 DP264006 ACQUIRED AND VESTED IN THE COMMISSIONER FOR MAIN ROADS UNDER THE PROVISIONS OF THE MAIN ROADS ACT, 1924	30-03-1984		Folio : 1826
Polygon Id(s): 105327258, 105350736, 162297074, 162297075  NSW GAZ Dedicated Public Road LOTS 3-6 IN DP260737	19-12-2008		Folio : 12909



Cadastral Records Enquiry Report

Ref : 136

Requested Parcel : Lot 607 DP 823147

Identified Parcel : Lot 607 DP 823147

Locality : KARIONG

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND

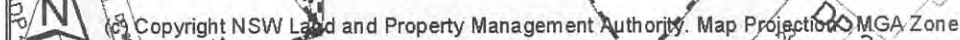
Plan	Surv/Comp	Purpose
DP101045	SURVEY	UNRESEARCHED
DP227279	SURVEY	SUBDIVISION
DP263941	SURVEY	RESUMPTION OR ACQUISITION
DP264006	SURVEY	RESUMPTION OR ACQUISITION
DP264217	SURVEY	ROAD OR MOTORWAY
DP286035	SURVEY	NEIGHBOURHOOD PLAN
DP420575	SURVEY	UNRESEARCHED
DP522099	COMPILATION	SUBDIVISION
DP550062	COMPILATION	SUBDIVISION
DP618324	SURVEY	SUBDIVISION
DP628685	COMPILATION	SUBDIVISION
DP641845	SURVEY	SUBDIVISION
DP647973	SURVEY	RESUMPTION OR ACQUISITION
DP709402	SURVEY	SUBDIVISION
DP715442	SURVEY	RESUMPTION OR ACQUISITION
DP719524	SURVEY	OLD SYSTEM CONVERSION
DP729941	SURVEY	SUBDIVISION
DP730196	SURVEY	SUBDIVISION
DP747845	SURVEY	SUBDIVISION
DP755246	COMPILATION	CROWN ADMIN NO.
DP786340	SURVEY	SUBDIVISION
DP790470	COMPILATION	SUBDIVISION
DP791939	SURVEY	SUBDIVISION
DP792029	SURVEY	SUBDIVISION
DP802107	SURVEY	RESUMPTION OR ACQUISITION
DP805329	SURVEY	SUBDIVISION
DP806339	SURVEY	SUBDIVISION
DP815413	SURVEY	SUBDIVISION
DP823147	SURVEY	SUBDIVISION
DP823714	SURVEY	SUBDIVISION
DP836280	SURVEY	SUBDIVISION
DP859538	SURVEY	SUBDIVISION
DP865100	SURVEY	SUBDIVISION
DP873845	SURVEY	SUBDIVISION
DP881661	SURVEY	SUBDIVISION
DP1013986	SURVEY	SUBDIVISION
DP1015546	SURVEY	ROADS ACT, 1993
DP1016291	SURVEY	CONSOLIDATION
DP1017539	SURVEY	RESUMPTION OR ACQUISITION
DP1023226	COMPILATION	DEPARTMENTAL
DP1023227	COMPILATION	DEPARTMENTAL
DP1023228	COMPILATION	DEPARTMENTAL
DP1026449	SURVEY	SUBDIVISION
DP1030374	COMPILATION	DEPARTMENTAL
DP1035826	SURVEY	SUBDIVISION
DP1039225	SURVEY	SUBDIVISION
DP1044155	SURVEY	SUBDIVISION
DP1047592	SURVEY	SUBDIVISION
DP1056297	SURVEY	RESUMPTION OR ACQUISITION
DP1064768	SURVEY	SUBDIVISION
DP1103560	SURVEY	SUBDIVISION
DP1104016	SURVEY	SUBDIVISION
DP1117775	SURVEY	CONSOLIDATION
DP1120709	SURVEY	SUBDIVISION
DP1128417	SURVEY	RESUMPTION OR ACQUISITION
DP1147560	SURVEY	ROADS ACT, 1993
DP1149050	SURVEY	ROADS ACT, 1993
DP1154124	COMPILATION	CROWN LAND CONVERSION
SP44021	COMPILATION	STRATA PLAN
SP44310	COMPILATION	STRATA PLAN
SP54096	COMPILATION	STRATA PLAN
SP72955	COMPILATION	STRATA PLAN
SP77669	COMPILATION	STRATA PLAN
SP79098	COMPILATION	STRATA PLAN

Identified Parcel : Lot 475 DP 823714

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND



Requested Parcel : Lot 475 DP 823714

Identified Parcel : Lot 475 DP 823714

Locality : KARIONG

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND








Status

Surv/Comp

Purpose

DP1128417

Lot(s): 702

	DP852984	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
	DP1000335	REGISTERED	SURVEY	SUBDIVISION
	DP1016950	REGISTERED	SURVEY	LEASE
	DP1017539	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
	DP1048317	REGISTERED	SURVEY	LEASE
	DP1081969	REGISTERED	SURVEY	EASEMENT
	NSW GAZ	19-09-2008		Folio : 9370

Acquired


LOT 702 AND EASEMENTS SHOWN IN DP1128417 - FOR THE PURPOSES OF THE EDUCATION ACT, 1990

DP1147560

Lot(s): 10, 12

	DP729016	HISTORICAL	COMPILATION	SUBDIVISION
---	----------	------------	-------------	-------------

Lot(s): 12

	NSW GAZ	16-07-2010		Folio : 3556
	Acquired for the Purposes of the Roads Act,1993			
	LOT 12 DP1147560. SEE AF638191			

Lot(s): 13

	LOT 13 IN DP1147560 IS REQUIRED FOR ROAD PURPOSES. SEE AF654016			
---	---	--	--	--

DP1149050


Lot(s): 10, 12, 16

	DP1016950	REGISTERED	SURVEY	LEASE
	DP1017539	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
	DP1048317	REGISTERED	SURVEY	LEASE
	DP1081969	REGISTERED	SURVEY	EASEMENT
	DP1128417	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION


Lot(s): 10, 11, 12, 13, 14, 16

	DP852984	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
	DP1000335	REGISTERED	SURVEY	SUBDIVISION

Lot(s): 12, 16

	NSW GAZ	16-04-2010		Folio : 1895
	Acquired for the Purposes of the Roads Act,1993			
	LOTS 12 AND 16 DP1149050 NOW REQUIRED FOR ROAD PURPOSES. SEE AF454744			

Lot(s): 13, 14

	NSW GAZ	16-04-2010		Folio : 1895
	Acquired for the Purposes of the Roads Act,1993			
	LOTS 13-14 DP1149050			

Requested Parcel : Lot 1 DP 715442

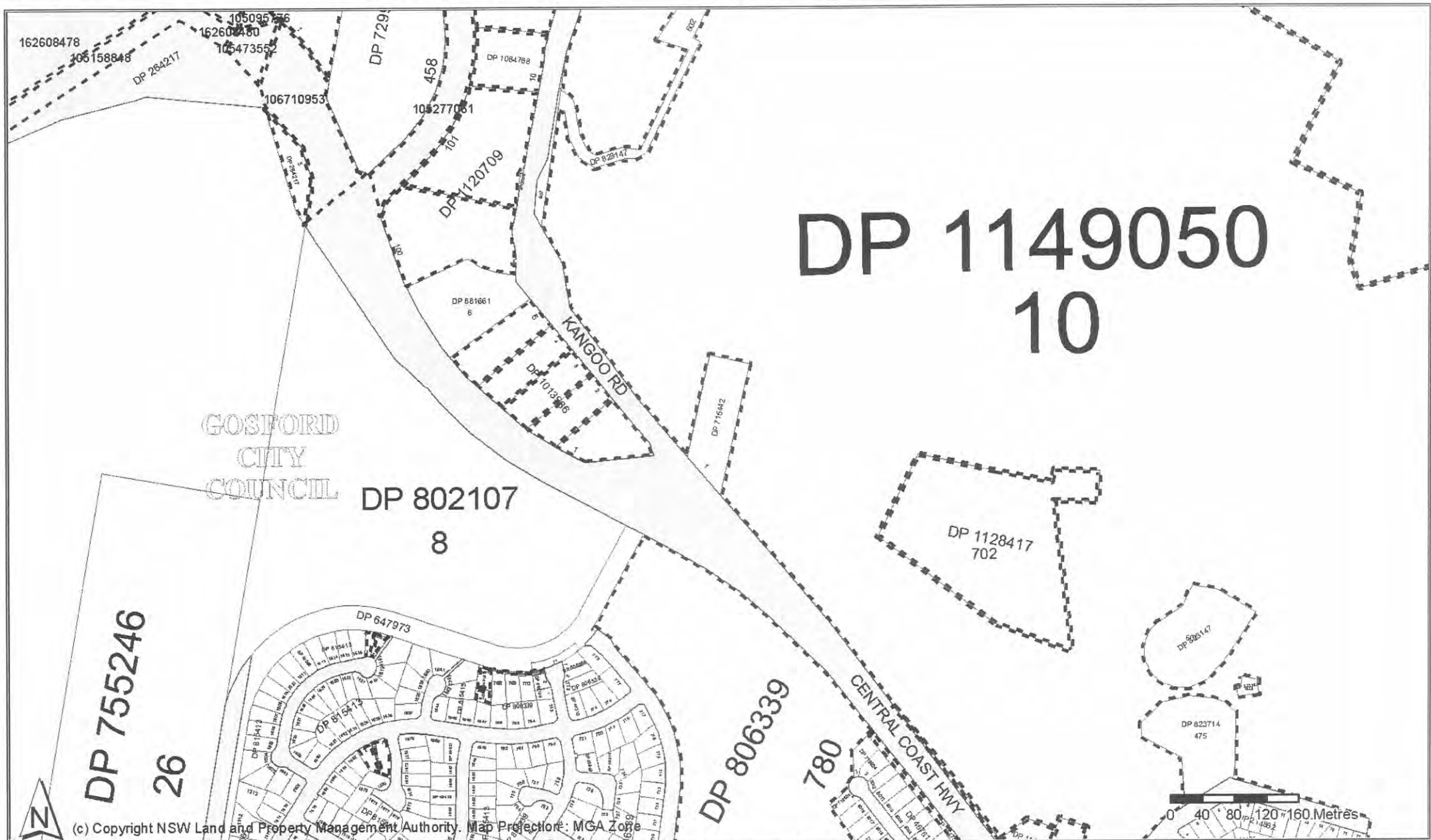
Identified Parcel : Lot 1 DP 715442

Locality : KARIONG

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND





Requested Parcel : Lot 1 DP 715442

Identified Parcel : Lot 1 DP 715442

Locality : KARIONG

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND

Status

Surv/Comp

Purpose

DP264217

Lot(s): 5

PA81411 - LOTS 1-4 DP1051545, LOTS 2-3 DP264006 AND LOT 5 DP264217

PA82619 - LOTS 6-8 AND 11 DP264217 AND LOTS 6, 9, 10 AND 12-16 DP264006

NSW GAZ 22-05-2009 Folio : 2321
Reservation
FOR BRISBANE WATER NATIONAL PARK

DP806339

Lot(s): 780

DP265532 REGISTERED SURVEY EASEMENT

DP1013986

Lot(s): 1, 2, 3, 4, 5

DP881661 HISTORICAL SURVEY SUBDIVISION

DP1009776 REGISTERED SURVEY SUBDIVISION

DP1017539

Lot(s): 521

DP852984 HISTORICAL SURVEY RESUMPTION OR ACQUISITION

DP1000335 REGISTERED SURVEY SUBDIVISION

DP1016950 REGISTERED SURVEY LEASE

DP1081969 REGISTERED SURVEY EASEMENT

DP1035826

Lot(s): 1, 2

DP815413 HISTORICAL SURVEY SUBDIVISION

DP1044155

Lot(s): 1, 2

DP815413 HISTORICAL SURVEY SUBDIVISION

DP1071068 REGISTERED SURVEY EASEMENT

DP1056297

Lot(s): 1

NSW GAZ 11-06-2004 Folio : 3554
ACQUIRED FOR THE PURPOSES OF GROWTH CENTRES

DP1064768

Lot(s): 10

DP881661 HISTORICAL SURVEY SUBDIVISION

DP1009776 REGISTERED SURVEY SUBDIVISION

DP1013986 REGISTERED SURVEY SUBDIVISION

DP1026449 REGISTERED SURVEY SUBDIVISION

DP1055012 REGISTERED SURVEY SUBDIVISION

DP1104016

Lot(s): 7671, 7672

DP806339 HISTORICAL SURVEY SUBDIVISION

DP1120709

Lot(s): 100, 101

DP881661 HISTORICAL SURVEY SUBDIVISION

DP1009776 REGISTERED SURVEY SUBDIVISION

DP1013986 REGISTERED SURVEY SUBDIVISION

DP1026449 REGISTERED SURVEY SUBDIVISION

DP1055012 REGISTERED SURVEY SUBDIVISION

DP1064768 REGISTERED SURVEY SUBDIVISION

DP1128417

Lot(s): 702

DP852984 HISTORICAL SURVEY RESUMPTION OR ACQUISITION

DP1000335 REGISTERED SURVEY SUBDIVISION

DP1016950 REGISTERED SURVEY LEASE

DP1017539 REGISTERED SURVEY RESUMPTION OR ACQUISITION

DP1048317 REGISTERED SURVEY LEASE

DP1081969 REGISTERED SURVEY EASEMENT

NSW GAZ 19-09-2008 Folio : 9370

Acquired

LOT 702 AND EASEMENTS SHOWN IN DP1128417 - FOR THE PURPOSES OF THE EDUCATION ACT, 1990

DP1147560

Lot(s): 10

DP729016 HISTORICAL COMPILATION SUBDIVISION

Caution: For all **ACTIVITY PRIOR to SEPT 2002** you must refer to the RGs Charting and Reference Maps.

Requested Parcel : Lot 1 DP 715442
























Identified Parcel : Lot 1 DP 715442

Locality : KARIONG

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND

	Status	Surv/Comp	Purpose
DP1149050			
Lot(s): 10, 12, 16			
 DP1016950	REGISTERED	SURVEY	LEASE
 DP1017539	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
 DP1048317	REGISTERED	SURVEY	LEASE
 DP1081969	REGISTERED	SURVEY	EASEMENT
 DP1128417	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
Lot(s): 10, 11, 12, 16			
 DP852984	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
 DP1000335	REGISTERED	SURVEY	SUBDIVISION
Lot(s): 12, 16			
 NSW GAZ	16-04-2010	Folio : 1895	
Acquired for the Purposes of the Roads Act,1993			
LOTS 12 AND 16 DP1149050 NOW REQUIRED FOR ROAD PURPOSES. SEE AF454744			
SP77669			
 DP881661	HISTORICAL	SURVEY	SUBDIVISION
 DP1009776	REGISTERED	SURVEY	SUBDIVISION
 DP1013986	REGISTERED	SURVEY	SUBDIVISION
 DP1026449	REGISTERED	SURVEY	SUBDIVISION
 DP1055012	REGISTERED	SURVEY	SUBDIVISION
 DP1064768	REGISTERED	SURVEY	SUBDIVISION
 DP1102391	REGISTERED	SURVEY	EASEMENT
 DP1111469	REGISTERED	SURVEY	EASEMENT
Intersection			
Polygon Id(s): 105473552			
 NSW GAZ	19-12-2008	Folio : 12909	
Declared			
MAIN ROAD AND FREEWAY LOTS 12 AND 13 DP264217			
Road			
Polygon Id(s): 105095776			
 NSW GAZ	19-12-2008	Folio : 12909	
Dedicated Public Road Declared Main Road and Freeway			
LOT 10 DP264217			
Polygon Id(s): 105277061			
 NSW GAZ	19-12-2008	Folio : 12909	
Dedicated Public Road Declared Main Road and Freeway			
LOTS 17, 18, 22, 23 AND 24 DP264218			
Polygon Id(s): 105095776, 105277061			
 NSW GAZ	13-08-1993	Folio : 4562	
LOT 10 DP264217 AND LOTS 17 AND 18 DP264218 ACQUIRED FOR THE PURPOSES OF THE ROADS ACT, 1993			
 PA82620 - PENDING			
Polygon Id(s): 105158848, 106710953			
 NSW GAZ	19-12-2008	Folio : 12909	
Declared			
MAIN ROAD AND FREEWAY LOTS 12 AND 13 DP264217			
Polygon Id(s): 162608478, 162608480			
 NSW GAZ	30-03-1984	Folio : 1826	
LOTS 6 - 8 AND 11 DP264217 AND LOTS 6, 9, 10 AND 12 - 16 DP264006 ACQUIRED AND VESTED IN THE COMMISSIONER FOR MAIN ROADS UNDER THE PROVISIONS OF THE MAIN ROADS ACT, 1924			



Cadastral Records Enquiry Report

Requested Parcel : Lot 1 DP 715442

Identified Parcel : Lot 1 DP 715442

Locality : KARIONG

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND

Plan	Surv/Comp	Purpose
DP46761	SURVEY	CROWN FOLIO CREATION
DP213862	SURVEY	SUBDIVISION
DP264217	SURVEY	ROAD OR MOTORWAY
DP647973	SURVEY	RESUMPTION OR ACQUISITION
DP715442	SURVEY	RESUMPTION OR ACQUISITION
DP719524	SURVEY	OLD SYSTEM CONVERSION
DP729941	SURVEY	SUBDIVISION
DP755246	COMPILATION	CROWN ADMIN NO.
DP802107	SURVEY	RESUMPTION OR ACQUISITION
DP806339	SURVEY	SUBDIVISION
DP814064	SURVEY	SUBDIVISION
DP815413	SURVEY	SUBDIVISION
DP823147	SURVEY	SUBDIVISION
DP823714	SURVEY	SUBDIVISION
DP836280	SURVEY	SUBDIVISION
DP849822	SURVEY	SUBDIVISION
DP865100	SURVEY	SUBDIVISION
DP881661	SURVEY	SUBDIVISION
DP1013986	SURVEY	SUBDIVISION
DP1015546	SURVEY	ROADS ACT, 1993
DP1017539	SURVEY	RESUMPTION OR ACQUISITION
DP1035826	SURVEY	SUBDIVISION
DP1044155	SURVEY	SUBDIVISION
DP1056297	SURVEY	RESUMPTION OR ACQUISITION
DP1064768	SURVEY	SUBDIVISION
DP1104016	SURVEY	SUBDIVISION
DP1120709	SURVEY	SUBDIVISION
DP1128417	SURVEY	RESUMPTION OR ACQUISITION
DP1147560	SURVEY	ROADS ACT, 1993
DP1149050	SURVEY	ROADS ACT, 1993
SP40849	COMPILATION	STRATA PLAN
SP40916	COMPILATION	STRATA PLAN
SP44021	COMPILATION	STRATA PLAN
SP44310	COMPILATION	STRATA PLAN
SP49415	COMPILATION	STRATA PLAN
SP54096	COMPILATION	STRATA PLAN
SP77669	COMPILATION	STRATA PLAN

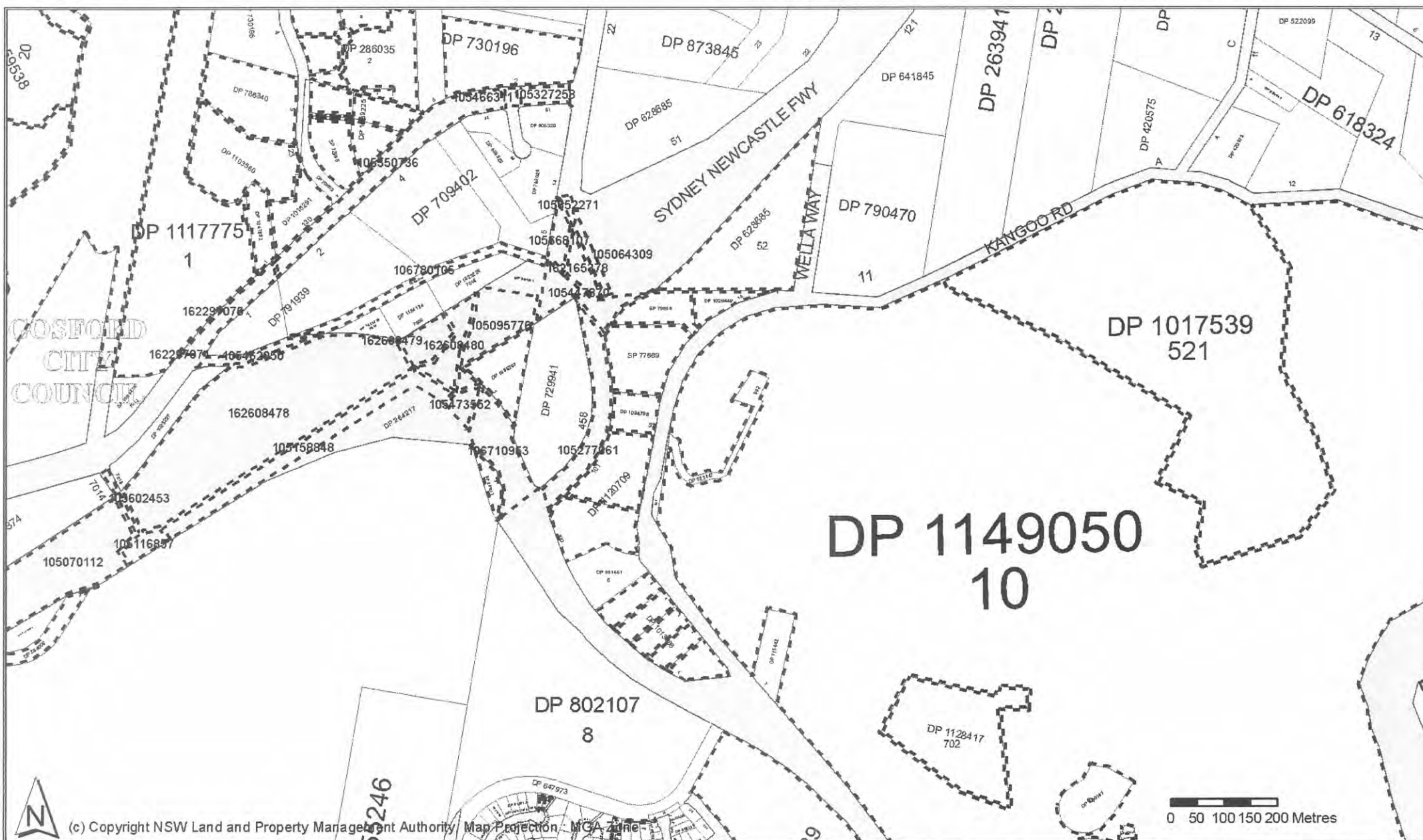
Requested Parcel : Lot 602 DP 823147

Identified Parcel : Lot 602 DP 823147

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND



Requested Parcel : Lot 602 DP 823147

Identified Parcel : Lot 602 DP 823147

Locality : KARIONG

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND

	Status	Surv/Comp	Purpose
DP264006 Lot(s): 3			
PA81411 - LOTS 1-4 DP1051545, LOTS 2-3 DP264006 AND LOT 5 DP264217			
NSW GAZ 22-05-2009			Folio : 2321
Reservation FOR BRISBANE WATER NATIONAL PARK			
DP264217 Lot(s): 5			
PA81411 - LOTS 1-4 DP1051545, LOTS 2-3 DP264006 AND LOT 5 DP264217			
PA82619 - LOTS 6-8 AND 11 DP264217 AND LOTS 6, 9, 10 AND 12-16 DP264006			
NSW GAZ 22-05-2009			Folio : 2321
Reservation FOR BRISBANE WATER NATIONAL PARK			
DP286035 Lot(s): 1, 2, 3, 4, 5			
DP286035	REGISTERED	SURVEY	NEIGHBOURHOOD PLAN
DP730196	HISTORICAL	SURVEY	SUBDIVISION
DP628685 Lot(s): 52			
DP1134055	REGISTERED	SURVEY	EASEMENT
DP730196 Lot(s): 2			
DP1093517	REGISTERED	SURVEY	EASEMENT
DP747845 Lot(s): 204			
DP1012875	REGISTERED	SURVEY	EASEMENT
DP786340 Lot(s): 5			
DP1117775	REGISTERED	SURVEY	CONSOLIDATION
DP806339 Lot(s): 780			
DP265532	REGISTERED	SURVEY	EASEMENT
DP859538 Lot(s): 20, 21			
DP1012875	REGISTERED	SURVEY	EASEMENT
DP1013986 Lot(s): 1, 2, 3, 4, 5			
DP881661	HISTORICAL	SURVEY	SUBDIVISION
DP1009776	REGISTERED	SURVEY	SUBDIVISION
DP1016291 Lot(s): 130			
DP709402	HISTORICAL	SURVEY	SUBDIVISION
DP806907	HISTORICAL	SURVEY	SUBDIVISION
DP1017539 Lot(s): 521			
DP852984	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
DP1000335	REGISTERED	SURVEY	SUBDIVISION
DP1016950	REGISTERED	SURVEY	LEASE
DP1081969	REGISTERED	SURVEY	EASEMENT
DP1026449 Lot(s): 13			
DP881661	HISTORICAL	SURVEY	SUBDIVISION
DP1009776	REGISTERED	SURVEY	SUBDIVISION
DP1013986	REGISTERED	SURVEY	SUBDIVISION
DP1035826 Lot(s): 1, 2			
DP815413	HISTORICAL	SURVEY	SUBDIVISION
DP1039225 Lot(s): 3, 4, 5			
DP709402	HISTORICAL	SURVEY	SUBDIVISION

Requested Parcel : Lot 602 DP 823147






































Identified Parcel : Lot 602 DP 823147

Locality : KARIONG

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND

	Status	Surv/Comp	Purpose
DP1047592			
Lot(s): 1			
 DP1039837	REGISTERED	SURVEY	SUBDIVISION
 DP1045001	REGISTERED	SURVEY	LEASE
 SP49810	HISTORICAL	COMPILATION	STRATA PLAN
 SP49810 TERMINATED - SEE 9150668			
DP1056297			
Lot(s): 1			
 NSW GAZ	11-06-2004	Folio : 3554	
ACQUIRED FOR THE PURPOSES OF GROWTH CENTRES			
DP1064768			
Lot(s): 10			
 DP881661	HISTORICAL	SURVEY	SUBDIVISION
 DP1009776	REGISTERED	SURVEY	SUBDIVISION
 DP1013986	REGISTERED	SURVEY	SUBDIVISION
 DP1026449	REGISTERED	SURVEY	SUBDIVISION
 DP1055012	REGISTERED	SURVEY	SUBDIVISION
DP1094063			
Lot(s): 221			
 DP101045	HISTORICAL	SURVEY	UNRESEARCHED
 DP746635	HISTORICAL	SURVEY	SUBDIVISION
DP1103560			
Lot(s): 23			
 DP806907	HISTORICAL	SURVEY	SUBDIVISION
 DP1016291	REGISTERED	SURVEY	CONSOLIDATION
 DP1039837	REGISTERED	SURVEY	SUBDIVISION
 DP1045001	REGISTERED	SURVEY	LEASE
 SP49810	HISTORICAL	COMPILATION	STRATA PLAN
DP1104016			
Lot(s): 7671, 7672			
 DP806339	HISTORICAL	SURVEY	SUBDIVISION
DP1117775			
Lot(s): 1			
 DP786343	HISTORICAL	SURVEY	SUBDIVISION
 DP795629	HISTORICAL	COMPILATION	DEPARTMENTAL
 DP806907	HISTORICAL	SURVEY	SUBDIVISION
 DP1016291	REGISTERED	SURVEY	CONSOLIDATION
 DP1039837	REGISTERED	SURVEY	SUBDIVISION
 DP1045001	REGISTERED	SURVEY	LEASE
 DP1047592	REGISTERED	SURVEY	SUBDIVISION
 DP1049097	REGISTERED	UNAVAILABLE	SURVEY INFORMATION ONLY
 DP1073248	REGISTERED	SURVEY	CONSOLIDATION
 DP1087765	HISTORICAL	SURVEY	CROWN FOLIO CREATION
 DP1103560	REGISTERED	SURVEY	SUBDIVISION
 SP49810	HISTORICAL	COMPILATION	STRATA PLAN
 NSW GAZ	16-12-2005	Folio : 11027	
Closed Road:			
LOT 1 DP1087765			
DP1120709			
Lot(s): 100, 101			
 DP881661	HISTORICAL	SURVEY	SUBDIVISION
 DP1009776	REGISTERED	SURVEY	SUBDIVISION
 DP1013986	REGISTERED	SURVEY	SUBDIVISION
 DP1026449	REGISTERED	SURVEY	SUBDIVISION
 DP1055012	REGISTERED	SURVEY	SUBDIVISION
 DP1064768	REGISTERED	SURVEY	SUBDIVISION



Requested Parcel : Lot 602 DP 823147

Identified Parcel : Lot 602 DP 823147

Locality : KARIONG

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND

	Status	Surv/Comp	Purpose
DP1128417			
Lot(s): 702			
DP852984	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
DP1000335	REGISTERED	SURVEY	SUBDIVISION
DP1016950	REGISTERED	SURVEY	LEASE
DP1017539	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
DP1048317	REGISTERED	SURVEY	LEASE
DP1081969	REGISTERED	SURVEY	EASEMENT
NSW GAZ	19-09-2008		Folio : 9370
Acquired			
LOT 702 AND EASEMENTS SHOWN IN DP1128417 - FOR THE PURPOSES OF THE EDUCATION ACT, 1990			
DP1149050			
Lot(s): 10			
DP852984	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
DP1000335	REGISTERED	SURVEY	SUBDIVISION
DP1016950	REGISTERED	SURVEY	LEASE
DP1017539	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
DP1048317	REGISTERED	SURVEY	LEASE
DP1081969	REGISTERED	SURVEY	EASEMENT
DP1128417	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
SP72955			
DP709402	HISTORICAL	SURVEY	SUBDIVISION
DP1039225	REGISTERED	SURVEY	SUBDIVISION
DP1049325	REGISTERED	COMPILATION	CONSOLIDATION
SP77669			
DP881661	HISTORICAL	SURVEY	SUBDIVISION
DP1009776	REGISTERED	SURVEY	SUBDIVISION
DP1013986	REGISTERED	SURVEY	SUBDIVISION
DP1026449	REGISTERED	SURVEY	SUBDIVISION
DP1055012	REGISTERED	SURVEY	SUBDIVISION
DP1064768	REGISTERED	SURVEY	SUBDIVISION
DP1102391	REGISTERED	SURVEY	EASEMENT
DP1111469	REGISTERED	SURVEY	EASEMENT
SP79098			
DP881661	HISTORICAL	SURVEY	SUBDIVISION
DP1009776	REGISTERED	SURVEY	SUBDIVISION
DP1013986	REGISTERED	SURVEY	SUBDIVISION
DP1026449	REGISTERED	SURVEY	SUBDIVISION
DP1055012	REGISTERED	SURVEY	SUBDIVISION
DP1102391	REGISTERED	SURVEY	EASEMENT
DP1111469	REGISTERED	SURVEY	EASEMENT
CLOSED ROAD			
Polygon Id(s): 106780105			
NSW GAZ	19-12-2008		Folio : 12909
Declared			
MAIN ROAD AND FREEWAY LOT 22 DP264218			
Intersection			
Polygon Id(s): 105447870			
NSW GAZ	13-08-1993		Folio : 4562
LOT 10 DP264217 AND LOTS 17 AND 18 DP264218 ACQUIRED FOR THE PURPOSES OF THE ROADS ACT, 1993			
PA82620 - PENDING			
NSW GAZ	19-12-2008		Folio : 12909
Dedicated Public Road Declared Main Road and Freeway			
LOTS 17, 18, 22, 23 AND 24 DP264218			
Polygon Id(s): 105466311			
NSW GAZ	19-12-2008		Folio : 12909
Dedicated Public Road			
LOTS 3-6 IN DP260737			
Polygon Id(s): 105668107			
NSW GAZ	19-12-2008		Folio : 12909
Declared			
MAIN ROAD AND FREEWAY LOT 22 DP264218			

Caution: For all **ACTIVITY PRIOR to SEPT 2002** you must refer to the RGs Charting and Reference Maps.



Requested Parcel : Lot 602 DP 823147

Identified Parcel : Lot 602 DP 823147

Locality : KARIONG

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND

	Status	Surv/Comp	Purpose
Polygon Id(s): 162165378 NSW GAZ Dedicated Public Road Declared Main Road and Freeway	19-12-2008		Folio : 12909
Polygon Id(s): 105116857, 105473552 NSW GAZ Declared MAIN ROAD AND FREEWAY LOTS 12 AND 13 DP264217	19-12-2008		Folio : 12909
Polygon Id(s): 105064309, 105652271 NSW GAZ Declared MAIN ROAD AND FREEWAY LOT 23 DP264218	19-12-2008		Folio : 12909
Road			
Polygon Id(s): 105070112 NSW GAZ Dedicated Public Road Declared Main Road and Freeway MAIN ROAD AND FREEWAY LOT 19 AND 20 DP264006	19-12-2008		Folio : 12909
NSW GAZ Dedicated Public Road Declared Main Road and Freeway LOT 12 DP264006	19-12-2008		Folio : 12909
Polygon Id(s): 105095776 NSW GAZ Dedicated Public Road Declared Main Road and Freeway LOT 10 DP264217	19-12-2008		Folio : 12909
Polygon Id(s): 105277061 NSW GAZ Dedicated Public Road Declared Main Road and Freeway LOTS 17, 18, 22, 23 AND 24 DP264218	19-12-2008		Folio : 12909
Polygon Id(s): 105462050 NSW GAZ Declared MAIN ROAD AND FREEWAY LOT 14 DP264217	19-12-2008		Folio : 12909
Polygon Id(s): 105095776, 105277061 NSW GAZ LOT 10 DP264217 AND LOTS 17 AND 18 DP264218 ACQUIRED FOR THE PURPOSES OF THE ROADS ACT, 1993 PA82620 - PENDING	13-08-1993		Folio : 4562
Polygon Id(s): 105158848, 105602453, 106710953 NSW GAZ Declared MAIN ROAD AND FREEWAY LOTS 12 AND 13 DP264217	19-12-2008		Folio : 12909
Polygon Id(s): 105070112, 162608478, 162608479, 162608480 NSW GAZ LOTS 6 - 8 AND 11 DP264217 AND LOTS 6, 9, 10 AND 12 - 16 DP264006 ACQUIRED AND VESTED IN THE COMMISSIONER FOR MAIN ROADS UNDER THE PROVISIONS OF THE MAIN ROADS ACT, 1924	30-03-1984		Folio : 1826
Polygon Id(s): 105327258, 105350736, 162297074, 162297075 NSW GAZ Dedicated Public Road LOTS 3-6 IN DP260737	19-12-2008		Folio : 12909



Cadastral Records Enquiry Report

Requested Parcel : Lot 602 DP 823147

Identified Parcel : Lot 602 DP 823147

Locality : KARIONG

LGA : GOSFORD

Parish : GOSFORD

County : NORTHUMBERLAND

Plan	Surv/Comp	Purpose
DP101045	SURVEY	UNRESEARCHED
DP227279	SURVEY	SUBDIVISION
DP231866	SURVEY	SUBDIVISION
DP263941	SURVEY	RESUMPTION OR ACQUISITION
DP264006	SURVEY	RESUMPTION OR ACQUISITION
DP264217	SURVEY	ROAD OR MOTORWAY
DP286035	SURVEY	NEIGHBOURHOOD PLAN
DP420575	SURVEY	UNRESEARCHED
DP522099	COMPILATION	SUBDIVISION
DP550062	COMPILATION	SUBDIVISION
DP618324	SURVEY	SUBDIVISION
DP628685	COMPILATION	SUBDIVISION
DP641845	SURVEY	SUBDIVISION
DP647973	SURVEY	RESUMPTION OR ACQUISITION
DP709402	SURVEY	SUBDIVISION
DP715442	SURVEY	RESUMPTION OR ACQUISITION
DP729941	SURVEY	SUBDIVISION
DP730196	SURVEY	SUBDIVISION
DP747845	SURVEY	SUBDIVISION
DP755246	COMPILATION	CROWN ADMIN NO.
DP775692	SURVEY	SUBDIVISION
DP786340	SURVEY	SUBDIVISION
DP790470	COMPILATION	SUBDIVISION
DP791939	SURVEY	SUBDIVISION
DP792029	SURVEY	SUBDIVISION
DP802107	SURVEY	RESUMPTION OR ACQUISITION
DP805329	SURVEY	SUBDIVISION
DP806339	SURVEY	SUBDIVISION
DP815413	SURVEY	SUBDIVISION
DP816083	SURVEY	SUBDIVISION
DP823147	SURVEY	SUBDIVISION
DP836280	SURVEY	SUBDIVISION
DP856708	SURVEY	SUBDIVISION
DP859538	SURVEY	SUBDIVISION
DP865100	SURVEY	SUBDIVISION
DP873845	SURVEY	SUBDIVISION
DP881661	SURVEY	SUBDIVISION
DP1013986	SURVEY	SUBDIVISION
DP1015546	SURVEY	ROADS ACT, 1993
DP1016291	SURVEY	CONSOLIDATION
DP1017539	SURVEY	RESUMPTION OR ACQUISITION
DP1023226	COMPILATION	DEPARTMENTAL
DP1023227	COMPILATION	DEPARTMENTAL
DP1023228	COMPILATION	DEPARTMENTAL
DP1026449	SURVEY	SUBDIVISION
DP1030374	COMPILATION	DEPARTMENTAL
DP1035826	SURVEY	SUBDIVISION
DP1039225	SURVEY	SUBDIVISION
DP1047592	SURVEY	SUBDIVISION
DP1056297	SURVEY	RESUMPTION OR ACQUISITION
DP1064768	SURVEY	SUBDIVISION
DP1094063	SURVEY	SUBDIVISION
DP1103560	SURVEY	SUBDIVISION
DP1104016	SURVEY	SUBDIVISION
DP1117775	SURVEY	CONSOLIDATION
DP1120709	SURVEY	SUBDIVISION
DP1128417	SURVEY	RESUMPTION OR ACQUISITION
DP1149050	SURVEY	ROADS ACT, 1993
DP1154124	COMPILATION	CROWN LAND CONVERSION
SP54096	COMPILATION	STRATA PLAN
SP72955	COMPILATION	STRATA PLAN
SP77669	COMPILATION	STRATA PLAN
SP79098	COMPILATION	STRATA PLAN

Appendix E

Aerial Photographs



N.S.W. 134-5048
1ST COPY

GOSFORD RUN 11617-5-54 LENS 157564 10" 11000' ↑

CROWN
COPY N.S.W.
LANDS PHOTO
LOG-E





N.S.W
1407
5023



NORTHUMBER-
LAND PROJECT
1965
N.S.W. 1407



RUN 25 S
20-9-65



5,950'A.S.L
114.44M.M→



CROWN
COPY N.S.W
LANDS PHOTO
LOG-E
1ST COPY



UAg 1025 151.45

193

NSW
2774
94

COUNTY OF NORTHUMBERLAND
ISG 1:16 000
(MISC. 1050) NSW 2774

RUN 33
24.4.79

2590m ASL
151.45mm

COPYRIGHT
NSW GOVT
C.M.A. COPY



April 77





UAg 1025 151.45

473

NSW
2787
150

COUNTY OF NORTHUMBERLAND
ISG 1:16 000
(MISC 1050) NSW 2787

RUN 32E
7.7.79

2590m ASL
151.45mm



○ COPYRIGHT
NSW GOVT
CMA COPY





UAG 1025 15145

NSW
3265
13

SYDNEY 1982
1:16 000 COLOUR
(MISC 1474) NSW 3265

RUN 2
6.11.82

2560 M ASL
151.45MM

IST COPY

CROWN
COPY N.S.W.
LANDS PHOTO
LOG-F



UAg 1025 151.45

7 2 3 3

NSW
3264
172

SYDNEY 1982
1:16 000 COLOUR
(MISC 1474) NSW 3264

RUN 3
6.11.82

2560 M ASL
151.45MM

IST COPY

CROWN
COPY N.S.W.
LANDS PHOTO
LOG-E





UAGII 3057 153.10

8 8 8

NSW
3536
114

SYDNEY ISG 1986
1:16000 COLOUR
NSW 3536 (M1724)



RUN 3
20.8.86

2652 M ASL
153.10MM



CROWN
COPY N.S.W.
LANDS PHOTO

Aug 1986





GOSFORD
1:25000 Approx. Scale
NSW4726 (M2288)

RUN 12
16-03-02
23-45

152.76 mm





March 2002





Appendix F

WorkCover NSW Dangerous Goods Search

Our Ref: D11/013133

Your Ref: Kate Woods

07 February 2011

Attention: Kate Woods
RCA Australia
PO BOX 175
Carrington NSW 2294

Dear Ms Woods,

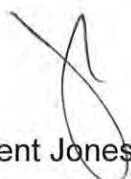
RE SITE: Central Coast Hwy Kariong

I refer to your site search request received by WorkCover NSW on 27 January 2011 requesting information on licences to keep dangerous goods for the above site.

A search of the Stored Chemical Information Database (SCID) and the microfiche records held by WorkCover NSW has not located any records pertaining to the above-mentioned premises.

If you have any further queries please contact the Dangerous Goods Licensing Team on (02) 4321 5500.

Yours Sincerely



Brent Jones

Senior Licensing Officer
Dangerous Goods Team

WorkCover. **Watching out for you.**

Appendix G

Groundwater Bore Search

Date/Time :08-Feb-2011 4:13 PM
 User :PCLARKE
 Report :RMGW001D.QRP
 Executable :S:\G5\PROD32\Ground.exe
 Exe Date :21-Apr-2010
 System :Groundwater
 Database :Edbp



NSW OFFICE OF WATER Work Summary

GW026412

Converted From HYDSYS

Licence :20BL018453	Licence Status Active	Intended Purpose(s)
Work Type :Bore	Authorised Purpose(s)	IRRIGATION
Work Status :(Unknown)	IRRIGATION	
Construct. Method :(Unknown)	STOCK	
Owner Type :Private		
Commenced Date :	Final Depth : 43.80 m	
Completion Date :	Drilled Depth : 0.00	
Contractor Name :		
Driller :		
Assistant Driller's Name :		
Property : - N/A	Standing Water Level :	
GWMA :606 - MANGROVE MOUNTAIN	Salinity :	0-500 ppm
GW Zone :008 - MOONEY MOONEY AND MULLET CREEK	Yield :	

Site Details

Site Chosen By	County	Parish	Portion/Lot DP
	Form A :NORTHUMBERLAND	GOSFORD	204
	Licensed :NORTHUMBERLAND	GOSFORD	C 101045
Region :10 - SYDNEY SOUTH COAST	CMA Map :9131-2S	GOSFORD	
River Basin :212 - HAWKESBURY RIVER	Grid Zone :56/1	Scale :1:25,000	
Area / District :			
Elevation :	Northing :6301127	Latitude (S) :33° 25' 3"	
Elevation Source :(Unknown)	Easting :341991	Longitude (E) :151° 18' 2"	
GS Map :0055B2	MGA Zone :56	Coordinate Source :GD,,ACC.MAP	

Construction

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;PL-Placement of Gravel Pack;PC-Pressure

Cemented	Grain Size	Quantity	Placement of Gravel Pack	Pressure	From (m)	To (m)	OD (mm)	ID (mm)	Interval	Details
1	1	Casing	(Unknown)		0.00	4.20	152			(Unknown)

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
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(No Water Bearing Zone Details Found)

Drillers Log

From (m)	To (m)	Thickness(m)	Drillers Description	Geological Material	Comments
----------	--------	--------------	----------------------	---------------------	----------

Remarks

*** End of GW026412 ***

NSW OFFICE OF WATER

Work Summary

GW056846

Converted From HYDSYS

Licence : 20BL123931	Licence Status : Converted	Intended Purpose(s)
Work Type : Bore open thru rock	Authorised Purpose(s)	DOMESTIC
Work Status : (Unknown)	DOMESTIC	
Construct. Method : Rotary Air		
Owner Type : Private		
Commenced Date :	Final Depth : 67.60 m	
Completion Date : 01-Jul-1983	Drilled Depth : 67.60 m	
Contractor Name :		
Driller :		
Assistant Driller's Name :		
Property : - BIGGS	Standing Water Level :	
GWMA : 606 - MANGROVE MOUNTAIN	Salinity :	Good
GW Zone : 008 - MOONEY MOONEY AND MULLET CREEK	Yield :	

Site Details

Site Chosen By	County	Parish	Portion/Lot DP
	Form A : NORTHUMBERLAND	GOSFORD	LC DP101045 (204)
	Licensed : NORTHUMBERLAND	GOSFORD	C 101045
Region : 10 - SYDNEY SOUTH COAST	CMA Map : 9131-2S	GOSFORD	
River Basin : 212 - HAWKESBURY RIVER	Grid Zone : 56/1	Scale : 1:25,000	
Area / District :			
Elevation :	Northing : 6301005	Latitude (S) : 33° 25' 7"	
Elevation Source : (Unknown)	Easting : 342071	Longitude (E) : 151° 18' 5"	
GS Map : 0055B2	MGA Zone : 56	Coordinate Source : GD.,ACC.MAP	

Construction

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; PL-Placement of Gravel Pack; PC-Pressure

Item	Qty	Material	From (m)	To (m)	OD (mm)	ID (mm)	Interval	Details
1	1	Casing Threaded Steel	-0.30	3.00	0			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
32.30	32.90	0.60	Consolidated	28.00		1.20			Good
62.00	62.50	0.50	Consolidated	28.00		2.38			Good

Drillers Log

From (m)	To (m)	Thickness(m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	Loam Sandy	Loam	
2.00	67.60	65.60	Sandstone Water Supply	Sandstone	

Remarks

*** End of GW056846 ***

NSW OFFICE OF WATER

Work Summary

GW104881

Licence :20BL161629			Licence Status :Converted		Intended Purpose(s) DOMESTIC STOCK
Work Type :Bore			Authorised Purpose(s) DOMESTIC		
Work Status :New Bore			STOCK		
Construct. Method :Rotary Air					
Owner Type :Private					
Commenced Date :			Final Depth :	108.30 m	
Completion Date :10-Apr-2003			Drilled Depth :	108.30 m	
Contractor Name :Intertec Drilling Services					
Driller :1489			BARDEN, Colin Leslie		
Assistant Driller's Name :					
Property : - IVERS			Standing Water Level :		31.00 m
GWMA :606 - MANGROVE MOUNTAIN			Salinity :		105.00 mg/L
GW Zone :008 - MOONEY MOONEY AND MULLET CREEK			Yield :		0.40 L/s

Site Details

Site Chosen By		County	Parish	Portion/Lot DP
		Form A :NORTHUMBERLAND	GOSFORD	LT A DP 420575
		Licensed :NORTHUMBERLAND	GOSFORD	A 420575
Region :10 - SYDNEY SOUTH COAST		CMA Map :9131-2S		GOSFORD
River Basin :212 - HAWKESBURY RIVER		Grid Zone :56/1		Scale :1:25,000
Area / District :				
Elevation : 0.00		Northing :6300826		Latitude (S) :33° 25' 13"
Elevation Source :(Unknown)		Easting :341991		Longitude (E) :151° 18' 2"
GS Map :		MGA Zone :56	Coordinate Source :	

Construction

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; PL-Placement of Gravel Pack; PC-Pressure

From (m)	To (m)	OD (mm)	ID (mm)	Interval	Details
1	Hole	Hole	0.00	11.70	210
1	Hole	Hole	11.70	108.30	156
1	1 Casing	Steel	-0.40	11.60	168.3
1	1 Casing	PVC Class 9	0.40	59.60	140
1	1 Opening	Slots - Diagonal	22.00	24.00	140
1	1 Opening	Slots - Diagonal	24.00	26.00	140

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.30	24.30	4.00				0.10	30.00	0.15	57.80
66.80	67.40	0.60				0.10	72.00	0.15	89.20
105.00	106.00	1.00		31.00		0.20	108.30	0.50	105.00

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	9.00	9.00	FILL	Fill	
9.00	18.30	9.30	SANDSTONE LT/BROWN	Sandstone	
18.30	19.30	1.00	CLAY GREY	Clay	
19.30	36.30	17.00	SANDSTONE/IRONSTONE BANDS	Sandstone	
36.30	39.80	3.50	QUARTZ	Invalid Code	
39.80	57.30	17.50	SANDSTONE GREY	Sandstone	
57.30	58.80	1.50	CLAY	Clay	
58.80	88.50	29.70	SANDSTONE GREY	Sandstone	
88.50	96.30	7.80	SANDSTONE DARK GREY	Sandstone	
96.30	108.30	12.00	SANDSTONE GREY	Sandstone	

Remarks

*** End of GW104881 ***

*** End of Report ***

Date/Time :16-Feb-2011 4:09 PM
 User :PCLARKE
 Report :RMGW001D.QRP
 Executable :S:\G5\PROD32\Ground.exe
 Exe Date :21-Apr-2010
 System :Groundwater
 Database :Edbp



NSW OFFICE OF WATER Work Summary

GW013660

Converted From HYDSYS

Licence :20BL009124		Licence Status :Converted	Intended Purpose(s)
Work Type :Well		Authorised Purpose(s)	DOMESTIC
Work Status :(Unknown)			
Construct. Method :(Unknown)			
Owner Type :Private			
Commenced Date :	Final Depth :	3.80 m	
Completion Date :01-Feb-1958	Drilled Depth :	3.80 m	
Contractor Name :			
Driller :			
Assistant Driller's Name :			
Property : - N/A		Standing Water Level :	
GWMA :606 - MANGROVE MOUNTAIN		Salinity :	(Unknown)
GW Zone :008 - MOONEY MOONEY AND MULLET CREEK		Yield :	

Site Details

Site Chosen By	County	Parish	Portion/Lot DP
	Form A :NORTHUMBERLAND	PATONGA	158
	Licensed :NORTHUMBERLAND	PATONGA	2 241106
Region :10 - SYDNEY SOUTH COAST		CMA Map :9131-2S	GOSFORD
River Basin :212 - HAWKESBURY RIVER		Grid Zone :56/1	Scale :1:25,000
Area / District :			
Elevation :		Northing :6298964	Latitude (S) :33° 26' 13"
Elevation Source :(Unknown)		Easting :341613	Longitude (E) :151° 17' 46"
GS Map :0055B2	MGA Zone :56	Coordinate Source :GD,,ACC.MAP	

Construction

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;PL-Placement of Gravel Pack;PC-Pressure

Cemented	Grain Size	Quantity	Placement of Gravel Pack	Pressure	From (m)	To (m)	OD (mm)	ID (mm)	Interval	Details
1	1	Casing	Concrete Cylinder		-0.40	3.40	1371			Seated

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
3.50	3.50	0.00	Fractured	1.80		0.06			(Unknown)

Drillers Log

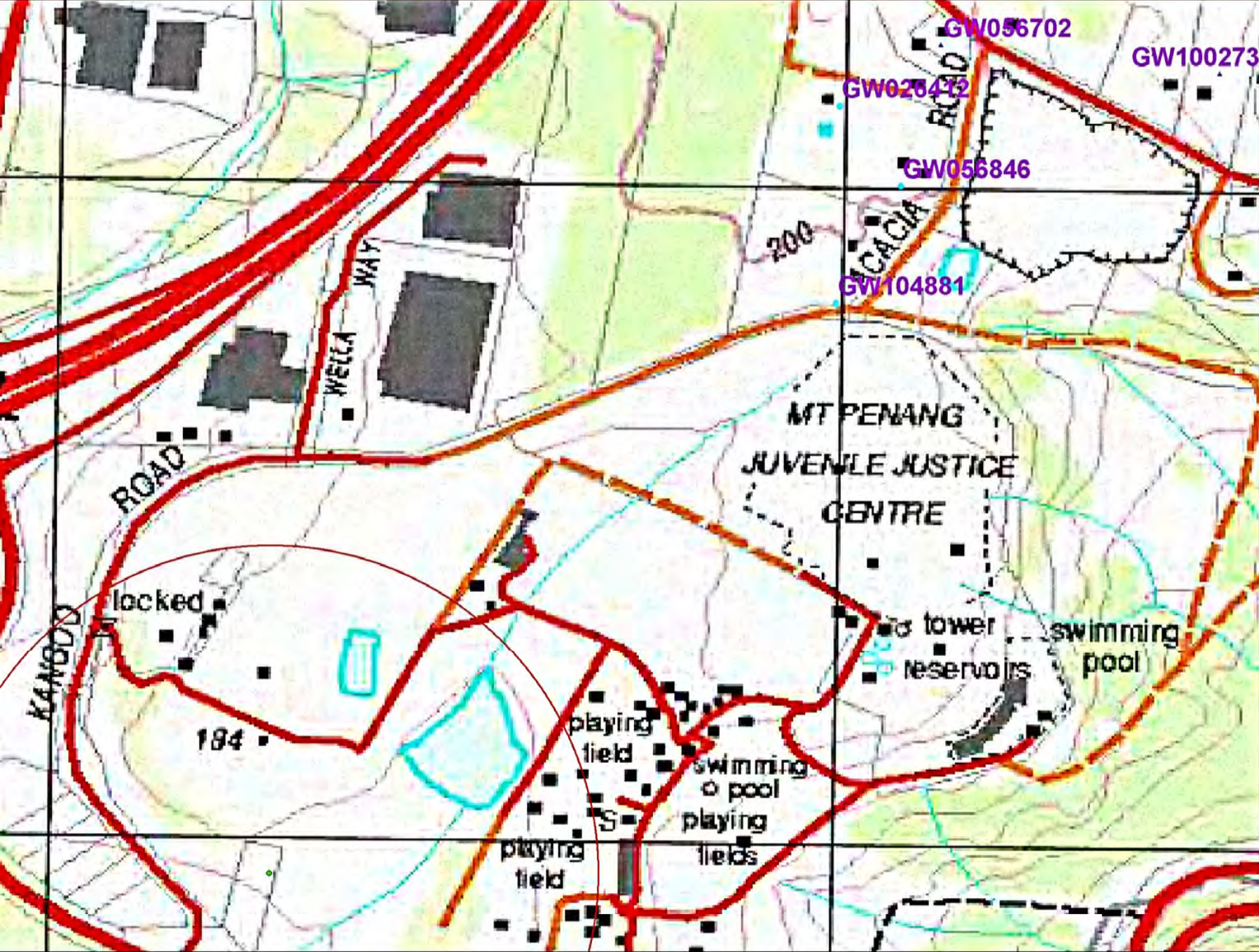
From (m)	To (m)	Thickness(m)	Drillers Description	Geological Material	Comments
0.00	1.21	1.21	Sand	Sand	
1.21	3.20	1.99	Clay Shale	Clay	
3.20	3.81	0.61	Rock Water Supply	Rock	

Remarks

LOT 2 WOY WOY RD KARIOUNG

*** End of GW013660 ***

*** End of Report ***






Legend

- All other values
- Bare
- Bare - GND
- Well
- Spec
- Piezometer
- Evaluation
- Other
- Unknown

currenttopogeo50.ecw.url

BGR

-  Red: Band_1
 Green: Band_2
 Blue: Band_3

000002828 0005000749 001

 Decimal Degrees

Produced by the NSW Office of Water
Water Monitoring, East Maitland
Date: 08th February 2011 Number: 43224/2011
Projection : [Geographic] Datum : [GDA94]
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PO Box 583
EAST MAITLAND NSW 2323

SOURCES

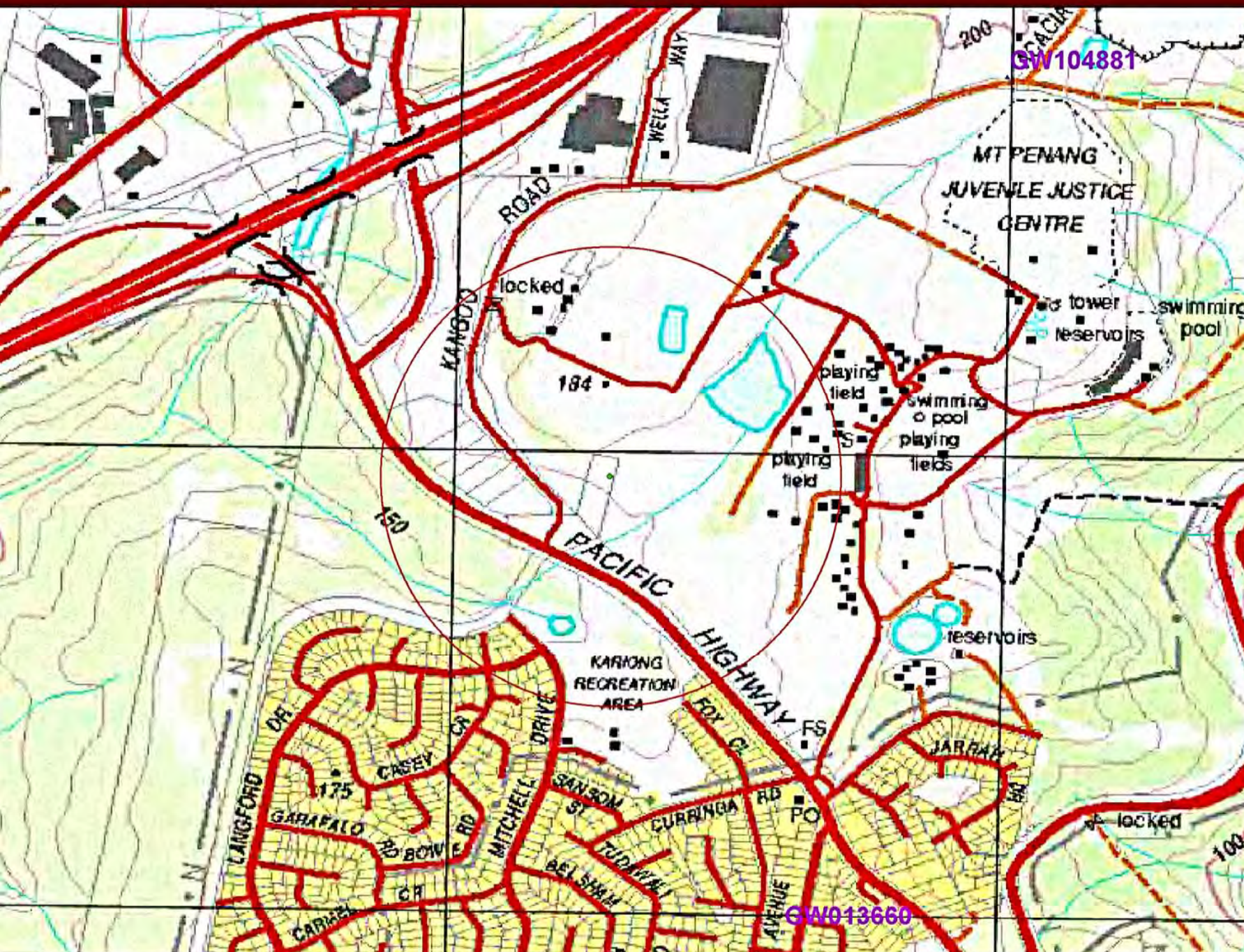
SOURCES
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by NSW Department of Lands

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Department of Water & Energy of any map discrepancies



Legend

- not other values
- ▲ Peak
- ▲ Bore - O&B
- Well
- Spout
- Potometer
- ▲ Excavation
- ▲ Other
- Unknown

currenttopoge060.cw.url

RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

© 000000 000000 00120 0016
Decimal Degrees

Produced by the NSW Office of Water
Water Monitoring East Maitland
Date: 06 February 2011 Number: 4322/2011
Projection: [Geographic] Datum: [GDA94]
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Appendix H

Results of Previous RCA Report (Ref [4])

Samples were taken from the locations outlined below.

	Location	Sample No.s	Total
Tank 1	Base	Bs1-1,Bs1-2	2
	QA	QA1,QA6,QA4	3
	Bowser	Bs1-3, Bs1-4	2
	Original Backfill	B1-1,B1-2,B1-3,B1-4	4
Tank 2	Base	Bs2-2,Bs2-3	2
	Bowser	Bs2-1,Bs2-4	2
	Original Backfill	B2-1,B2-2,B2-3,B2-4	4
	QA	QA2,QA5	2
	Imported Backfill	IB1	1
Groundwater	Existing Bores	BH301,BH302,BH303	3
	QA	QA3	1
Tank 3	Base	Bs1-Tank3, Bs2 – Tank3	2
	Lines	L1,L2,L3,L4,L5	5
	Bowser	BwB1,BwB2,BwB3,BwB4	4
	QA	QA7,BwB5,RCAW6	3
	Original Backfill	OBF1, BF2-Tank 3	2
	Drilled Bowser Bores	1-4.5,1-5.5,2-1.5,2-3.0,2-5.5,3-1.5,3-3.0,3-5.5,4-1.5,4-3.0,4-5.5,5-1.5,5-2.1,5-3.0,5-5.5	15
Groundwater	Tank 3 pit seepage	W-Tank3	1
	Bowser Invest	RCAW1,RCAW3,RCAW5	3
	QA	RCAW1D	1
Landfarm	7 th January 2002	V1,V2,V3, V4RTA,V5RTA	5
	25 th January 2002	LF1a, LF2a, LF3a, LF4a, LFQa	4

TABLE 1: LABORATORY RESULTS – TANK PIT RESIDUAL SOILS

Analyte	PQL	Sample No						Acceptance Criteria ^a
		Bs1-1	Bs1-2	Bs1-3	Bs1-4	Bs2-1	Bs2-2	
Lead	0.5	3.0	3.0	3.5	12	6.5	17	300
TPH								
C6-C9	10	<10	<10	160	40	<10	<10	65
C10-C14	10	<50	80	3160	2100	<50	<50	NA
C15 - C28	50	<100	300	7810	5980	<100	<100	
C29-C36	50	<100	<100	<100	<100	<100	<100	
C10-C36		<250	430	11020	8130	<250	<250	1000
BTEX								
Benzene	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	1
Toluene	0.5	<0.5	<0.5	5.6	0.9	<0.5	<0.5	1.4
Ethyl Benzene	0.5	<0.5	<0.5	5.4	1.2	<0.5	<0.5	3.1
Xylene	1.5	<1.5	<1.5	28.9	6	<1.5	<1.5	14
Soil Type		SANDSTONE, extremely weathered, saturated, red	SANDSTONE, extremely weathered, saturated, red	SANDSTONE, extremely weathered, saturated, red	SANDSTONE, extremely weathered, saturated, white	SAND, coarse grained, moist, red	CLAY, firm, white	
Location/ Depth (m)		Tank 1 Base, 1.8m	Tank 1 Base, 1.8m	Bowser 1 Base, 1.2m	Bowser Wall, 1.2m	Bowser 2 base, 1.0	Tank 2 Base, 2.8m	
Action		Approved	Approved	Rejected	Rejected	Approved	Approved	

All units in mg/kg unless otherwise stated

a - NSW EPA, Guidelines for Assessing Service Station Sites, December 1994.

Numbers in bold indicate in excess of acceptance criteria

TABLE 1: CONTINUED

Analyte	PQL	Sample No									Acceptance Criteria ^a
		Bs2-3	Bs2-4	Bs1 – Tank 3	Bs2 – Tank 3	BWS1	BWB1	BWB2	BWB3	BWB4	
Lead	0.5	6.0	5.5	4.0	4.0	4.0	5.0	5.5			300
<i>TPH</i>											
C6-C9	10	<10	<10	<10	<10	<10	3520	910	<10	<10	65
C10-C14	10	<10	<10	<10	<10	<10	3190	1850	<10	<10	NA
C15 - C28	50	<50	<50	<50	<50	<50	130	<100	<50	<50	
C29-C36	50	<50	<50	<50	<50	<50	<100	<100	<50	<50	
C10-C36		<110	<110	<110	<110	<110	3370	1950	<110	<110	1000
<i>BTEX</i>											
Benzene	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	18	2.2	<0.2	<0.2	1
Toluene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	398	73	<0.5	<0.5	1.4
Ethyl Benzene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	95	40	<0.5	<0.5	3.1
Xylene	1.5	<1.5	<1.5	<1.5	<1.5	<1.5	1066	461	<1.5	<1.5	14
Soil Type		SANDSTONE, crushed, red	SAND, coarse grained, moist, red	Weathered SANDSTONE	Weathered SANDSTONE	Weathered SANDSTONE	Weathered SANDSTONE	Weathered SANDSTONE	Weathered SANDSTONE	Weathered SANDSTONE	
Location/ Depth (m)		Tank 2 Base, 2.8m	Bowser 2 Wall, 0.8m	Tank 3 Base, 3.2m	Tank 3 Base, 3.2m	Bowser 3 Wall, 1.2m	Bowser 3 Base, 1.6m	Bowser 3 Base, 1.6m	Final Bowser Base 3.6m	Final Bowser Base 3.6m	
Action		Approved	Approved	Approved	Approved	Approved	Rejected	Rejected			

All units in mg/kg unless otherwise stated

a - NSW EPA, Guidelines for Assessing Service Station Sites, December 1994.

Numbers in bold indicate in excess of acceptance criteria

TABLE 2: LINES BASE – TANK 3

Analyte	PQL	Sample No						Acceptance Criteria ^a
		L1- Tank 3	L2 – Tank 3	L3	L4	L5		
Lead	0.5	3.0	3.5	<0.5	7.5	6.5		300
<i>TPH</i>								
C6-C9	10	<10	<10	<10	<10	<10		65
C10-C14	10	<50	<50	<50	<50	<50		NA
C15 - C28	50	<100	<100	<100	<100	<100		
C29-C36	50	<100	<100	<100	<100	<100		
C10-C36		<250	<250	<250	<250	<250		1000
<i>BTEX</i>								
Benzene	0.2	<0.2	<0.2	<0.2	<0.2	<0.2		1
Toluene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5		1.4
Ethyl Benzene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5		3.1
Xylene	1.5	<1.5	<1.5	<1.5	<1.5	<1.5		14
Soil Type		SAND, medium grained	SAND, medium grained	Weathered SANDSTONE, and imported SAND	Weathered SANDSTONE	Weathered SANDSTONE		
Location/ Depth (m)		Line 3, 0.2m	Line 3, 0.2m	Line 3, 0.3	Line 3, 0.35m	Line 3, 0.2m		
Action		Approved	Approved	Approved	Approved	Approved		

All units in mg/kg unless otherwise stated

a - NSW EPA, Guidelines for Assessing Service Station Sites, December 1994.

Numbers in bold indicate in excess of acceptance criteria

TABLE 3: LABORATORY RESULTS – TANK PIT BACKFILL SOILS

Analyte	PQL	Sample No						Acceptance Criteria ^a
		B1-1	B1-2	B1-3	B1-4	B2-1	B2-2	
Lead	0.5	21	10	3.0	5.5	56	7.5	300
<i>TPH</i>								
C6-C9	10	10	40	20	<10	<10	<10	65
C10-C14	10	2810	2300	1430	420	50	<50	NA
C15 - C28	50	8760	6960	5730	1530	300	<100	
C29-C36	50	<100	<100	<100	<100	<100	<100	
C10-C36		11620	9310	7210	2000	400	<250	1000
<i>BTEX</i>								
Benzene	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	1
Toluene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.4
Ethyl Benzene	0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	3.1
Xylene	1.5	<1.5	2.6	1.7	<1.5	<1.5	<1.5	14
Soil Type		SAND, moist, grey/orange	Clayey SAND, slightly moist, white/grey/brown	SAND, saturated, grey	SANDSTONE, extremely weathered, saturated, red	SAND and SANDSTONE, dry, grey & orange	SAND and SANDSTONE, dry, grey & orange	
Location		Tank 1 Backfill	Tank 1 Backfill	Tank 1 Backfill	Tank 1 Backfill	Tank 2 Backfill	Tank 2 Backfill	
Action		Landfarmed	Landfarmed	Landfarmed	Landfarmed	Approved	Approved	

All units in mg/kg unless otherwise stated

a - NSW EPA, Guidelines for Assessing Service Station Sites, December 1994.

Numbers in bold indicate in excess of acceptance criteria

TABLE 3: CONTINUED

Analyte	PQL	Sample No						Acceptance Criteria ^a
		B2-3	B2-4	OBF1 – Tank 3	BF2 – Tank 3			
Lead	0.5	44	2.0	2.5	<0.5			300
<i>TPH</i>								
C6-C9	10	<10	<10	<10	<10			65
C10-C14	10	80	<50	<50	<50			NA
C15 - C28	50	340	<100	<100	<100			
C29-C36	50	<100	<100	<100	<100			
C10-C36		470	<250	<250	<250			1000
<i>BTEX</i>								
Benzene	0.2	<0.2	<0.2	<0.2	<0.2			1
Toluene	0.5	<0.5	<0.5	<0.5	<0.5			1.4
Ethyl Benzene	0.5	<0.5	<0.5	<0.5	<0.5			3.1
Xylene	1.5	<1.5	<1.5	<1.5	<1.5			14
Soil Type		SAND, slightly moist, brown	SAND, coarse grained, saturated, red	SAND	SAND			
Location		Tank 2 Backfill	Tank 2 Backfill	Tank 3 Backfill	Tank 3 Backfill			
Action		Approved	Approved	Approved	Approved			

All units in mg/kg unless otherwise stated

a - NSWEPA, Guidelines for Assessing Service Station Sites, December 1994.

Numbers in bold indicate in excess of acceptance criteria

TABLE 4: LABORATORY RESULTS – GROUNDWATER AND PIT WATER

Analyte	PQL	Sample No						Acceptance Criteria ^{a,b}
		BH301	BH302	BH303	W – Tank 3	RCA W1	RCA W3	
Lead	1	<1	<1	<1	<1	<1	<1	3.4
TPH								
C6-C9	50	<50	<50	<50	<50	2950	190	
C10-C14	50	<50	90	<50	–	1560	650	
C15 - C28	400	<400	<400	<400	–	<400	<400	
C29-C36	100	<100	<100	<100	–	<100	<100	
C6-C36		<600	<640	<600	–	<5010	<1340	10000
BTEX								
Benzene	1	<1	<1	<1	2	130	26	950
Toluene	1	<1	<1	<1	5	810	13	180
Ethyl Benzene	1	<1	<1	<1	4	250	30	80
Xylene	3	<3	<3	<3	25	1600	64	425
Standing Water Level (m)		0.775	0.82	1.05	Seepage in tank pit base			

All units in µg/L unless otherwise stated

a - NSW EPA, Guidelines for Assessing Service Station Sites, December 1994.

b - ANZECC, Australian and New Zealand Water Quality Guidelines, 2000. Based on Fresh 95% Protection Limit
Numbers in bold indicate in excess of acceptance criteria

TABLE 4: CONTINUED

Analyte	PQL	Sample No						Acceptance Criteria ^{a,b}
		RCA W5						
Lead	5	<1						3.4
TPH								
C6-C9	10	330						
C10-C14	10	360						
C15 - C28	50	<400						
C29-C36	50	<100						
C6-C36		<1190						10000
BTEX								
Benzene	0.5	62						950
Toluene	1	8						180
Ethyl Benzene	1	41						80
Xylene	3	169						425
Standing Water Level (m)		--						

All units in µg/L unless otherwise stated

a - NSW EPA, Guidelines for Assessing Service Station Sites, December 1994.

b - ANZECC, Australian and New Zealand Water Quality Guidelines, 2000. Based on Fresh 95% Protection Limit

Numbers in bold indicate in excess of acceptance criteria

TABLE 5: DRILLED HOLES

Analyte	PQL	Sample No						Acceptance Criteria ^{a,b}
		RCA 1 – 4.5	RCA 1 – 5.5	RCA 2 – 1.5	RCA 2 – 3.0	RCA 2 – 5.5	RCA 3 – 1.5	
Lead	0.5	10	5.5	1.5	4.5	12	3.5	300
TPH								
C6-C9	10	<10	<10	<10	<10	<10	<10	65
C10-C14	10	<50	<50	<50	<50	<50	<50	NA
C15 - C28	50	<100	<100	<100	<100	<100	<100	
C29-C36	50	<100	<100	<100	<100	<100	<100	
C10-C36		<250	<250	<250	<250	<250	<250	1000
BTEX								
Benzene	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	1
Toluene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.4
Ethyl Benzene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.1
Xylene	1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	14
Soil Type		SANDSTONE	SANDSTONE	SANDSTONE	SANDSTONE	SANDSTONE	SANDSTONE	
Location/ Depth (m)		Bore 1/ 4.5m	Bore 1/ 5.5m	Bore 2/ 1.5m	Bore 2/ 3.0m	Bore 2/ 5.5m	Bore 3/ 1.5m	
Action		Approved	Approved	Approved	Approved	Approved	Approved	

All units in mg/kg unless otherwise stated

a - NSW EPA, Guidelines for Assessing Service Station Sites, December 1994.

Numbers in bold indicate in excess of acceptance criteria

TABLE 5: CONTINUED

Analyte	PQL	Sample No						Acceptance Criteria ^{a,b}
		RCA 3 – 3.0	RCA 3 – 5.5	RCA 4 – 1.5	RCA 4 – 3.0	RCA 4 – 5.5	RCA 5 – 1.5	
Lead	0.5	11	9.0	7.5	6.0	5.0	4.5	300
TPH								
C6-C9	10	<10	<10	<10	<10	<10	<10	65
C10-C14	10	<50	<50	<50	<50	<50	<50	NA
C15 - C28	50	<100	<100	<100	<100	<100	<100	
C29-C36	50	<100	<100	<100	<100	<100	<100	
C10-C36		<250	<250	<250	<250	<250	<250	1000
BTEX								
Benzene	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	1
Toluene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.4
Ethyl Benzene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.1
Xylene	1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	14
Soil Type		SANDSTONE	SANDSTONE	SANDSTONE	SANDSTONE	SANDSTONE	SANDSTONE	
Location/ Depth (m)		Bore 3/ 3.0m	Bore 3/ 5.5m	Bore 4/ 1.5m	Bore 4/ 3.0m	Bore 4/ 5.5m	Bore 5/ 1.5m	
Action		Approved	Approved	Approved	Approved	Approved	Approved	

All units in mg/kg unless otherwise stated

a - NSW EPA, Guidelines for Assessing Service Station Sites, December 1994.

Numbers in bold indicate in excess of acceptance criteria

TABLE 5: CONTINUED

Analyte	PQL	Sample No						Acceptance Criteria ^{a,b}
		RCA 5 – 2.1	RCA 5 – 3.0	RCA 5 – 5.5				
Lead	0.5	4.0	4.5	4.0				300
TPH								
C6-C9	10	<10	<10	<10				65
C10-C14	10	<50	<50	<50				NA
C15 - C28	50	<100	<100	<100				
C29-C36	50	<100	<100	<100				
C10-C36		<250	<250	<250				1000
BTEX								
Benzene	0.2	<0.2	<0.2	<0.2				1
Toluene	0.5	<0.5	<0.5	<0.5				1.4
Ethyl Benzene	0.5	<0.5	<0.5	<0.5				3.1
Xylene	1.5	<1.5	<1.5	<1.5				14
Soil Type		SANDSTONE	SANDSTONE	SANDSTONE				
Location/ Depth (m)		Bore 5/ 2.1m	Bore 5/ 3.0m	Bore 5/ 5.5m				
Action		Approved	Approved	Approved				

All units in mg/kg unless otherwise stated

a - NSW EPA, Guidelines for Assessing Service Station Sites, December 1994.

Numbers in bold indicate in excess of acceptance criteria

TABLE 5: FINAL LANDFARM RESULTS

Analyte	PQL	Sample No						Acceptance Criteria ^{a,b}
		LF1a	LF2a	LF3a	LF4a			
Lead	0.5	<0.5	21	<0.5	<0.5			300
<i>TPH</i>								
C6-C9	10	<10	<10	<10	<10			65
C10-C14	10	<50	<50	<50	<50			NA
C15 - C28	50	<100	<100	<100	<100			
C29-C36	50	<100	<100	<100	<100			
C10-C36		<250	<250	<250	<250			1000
<i>BTEX</i>								
Benzene	0.2	<0.2	<0.2	<0.2	<0.2			1
Toluene	0.5	<0.5	<0.5	<0.5	<0.5			1.4
Ethyl Benzene	0.5	<0.5	<0.5	<0.5	<0.5			3.1
Xylene	1.5	<1.5	<1.5	<1.5	<1.5			14
Soil Type		Sand	Sand	Sand	Sand			
Location/ Depth (m)								
Action		Approved	Approved	Approved	Approved			

All units in mg/kg unless otherwise stated

a - NSW EPA, Guidelines for Assessing Service Station Sites, December 1994.

NUMBERS IN BOLD INDICATE IN EXCESS OF ACCEPTANCE CRITERIA

TABLE 6: LABORATORY RESULTS – IMPORTED BACKFILL

Analyte	PQL	Sample No	Acceptance Criteria ^{a, b}
		IB1	
TPH			
C6-C9	10	<10	65
C10-C14	50	<50	NA
C15 - C28	100	<100	
C29-C36	100	<100	
C10-C36		<250	1000
BTEX			
Benzene	0.2	<0.2	1
Toluene	0.5	<0.5	1.4
Ethyl Benzene	0.5	<0.5	3.1
Xylene	1.5	<1.5	14
Heavy Metals			
Arsenic	0.5	2.0	100
Cadmium	0.5	<0.5	20
Chromium	0.5	3.0	100 (Cr(VI))
Copper	0.5	<0.5	1000
Lead	0.5	4.0	300
Zinc	0.5	3.0	7000
Mercury	0.005	<0.005	15 (inorganic)
Soil Type		SANDSTONE, crushed, dry, orange	
Action		Approved	

All units in mg/kg unless otherwise stated

a - NSW EPA, Guidelines for Assessing Service Station Sites, December 1994.

B - NEPM, Assessment of Site Contamination, 1999 – residential criteria

Numbers in bold indicate in excess of acceptance criteria