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# Preliminary Contamination Assessment

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Reeves Street, Somersby,  
NSW.

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NEW19P-0195-AAv1  
30 January 2020

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# Document control record

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## Executive Summary

Qualtest Laboratory NSW Pty Ltd (Qualtest) has carried out a Preliminary Contamination Assessment (PCA) for Darkinjung Local Aboriginal Land Council on behalf of Northrop Consulting Engineers, for a parcel of land located at Reeves Street, Somersby, NSW (the Site).

The site is approximately 179 ha in area and is currently zoned RU2 (Rural Landscape) and E2 (Environmental Conservation). It is understood that the land fronting Reeves Street will be rezoned to E3 (Environmental Management) to support large lot residential and vegetation buffer, with the remaining land to be rezoned to E2 (Environmental Conservation).

The purpose of the PCA was to support the development application to Central Coast Council, for the proposed rezoning of the site. The objectives of the PCA were to provide an assessment of the likelihood for contamination to be present on the site from current and past uses and activities.

In order to achieve the above objective, Qualtest carried out the following scope:

- Desktop Study and site history review;
- Site walkover; and,
- Data assessment and preparation of a Preliminary Contamination Assessment Report.

The site history review showed that the site was Crown Land from the early 1900s and comprised largely undeveloped bushland. The Darkinjung Local Aboriginal Land Council purchased the site in 2014 and the site has remained as largely undeveloped bushland.

A small area (about 5,000m<sup>2</sup>) was used for a scout camp for at least 10 years from mid 1980s to mid 1990s. This was located in the centre of the site, outside of the area proposed for residential land use. The camp comprised an amenities building, generator shed and septic tank. At other parts of the site, fronting Reeves Street, evidence was found of illegal dumping of wastes including wood, concrete and domestic refuse. This was predominately on the western side of the site, outside of the area proposed for residential land use.

Two Areas of Environmental Concern (AECs) were identified based on the desk study and site observations. The AECs related to:

- The former scout camp building materials, use of a generator and a septic tank (outside of the area proposed for residential land use); and
- Illegally dumped waste materials on site (predominately outside of the area proposed for residential land use).

These AECs were assessed to have a low to medium risk of potential contamination. The Conceptual Site Model (CSM) indicated that potentially complete pathways were possible for site users, maintenance workers and ecological receptors. Based on the site history and observations during the site walkover, it is recommended that additional assessment, comprising intrusive investigations (e.g. sampling of surface soils, surface water and sediment sampling) in the AECs identified, is carried out in the area of the former scout camp and down-gradient waterhole, and where waste materials have been illegally dumped. No further assessment is recommended in the areas proposed for residential land use, unless waste materials that may have caused contamination are identified (i.e. asbestos containing materials, items that may have leaked fuels or oils).

This report was prepared in general accordance with the relevant sections of the NSW OEH (2011) Guidelines for Consultants Reporting on Contaminated Sites and the National Environment Protection (Assessment of Site Contamination) Measure 1999 (April 2013), NEPC 2013, Canberra (referred to as ASC NEPM 2013).

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## 1.0 Introduction

Qualtest Laboratory NSW Pty Ltd (Qualtest) has carried out a Preliminary Contamination Assessment (PCA) for Darkinjung Local Aboriginal Land Council on behalf of Northrop Consulting Engineers, for a parcel of land located at Reeves Street, Somersby, NSW (the Site). Figure 1, Appendix A shows the site location.

The site is approximately 179 ha in area and is currently zoned RU2 (Rural Landscape) and E2 (Environmental Conservation), and comprises Lot 481 DP1184693. It is understood that the land fronting Reeves Street will be rezoned to E3 (Environmental Management) to support large lot residential and vegetation buffer, with the remaining land to be rezoned to E2 (Environmental Conservation). Figure 3, Appendix A, shows the proposed plan and rezoned areas.

The purpose of the PCA was to support the Planning Proposal to the Department of Planning, Industry and Environment (DPIE) for the proposed rezoning of the site.

This report was prepared in general accordance with the relevant sections of the NSW OEH (2011) Guidelines for Consultants Reporting on Contaminated Sites and the *National Environment Protection (Assessment of Site Contamination) Measure 1999 (April 2013)*, NEPC 2013, Canberra (referred to as ASC NEPM 2013).

### 1.1 Objectives

The objective of the PCA was to provide an assessment of the likelihood for contamination to be present on the site from current and past uses and activities.

### 1.2 Scope of Works

In order to achieve the above objective, Qualtest carried out the following scope:

- Desktop Study and site history review;
- Site walkover; and,
- Data assessment and preparation of a Preliminary Contamination Assessment Report.

## 2.0 Site Description

### 2.1 Site Identification

General site information is provided below in Table 2.1. The site location is shown in Figure 1, Appendix A.

**Table 2.1: Summary of Site Details**

<b>Site Address:</b>	Reeves Street, Somersby, NSW
<b>Approximate site area:</b>	179 ha
<b>Title Identification Details:</b>	Lot 481 DP 1184693, within the Central Coast Council government area, Parish of Gosford, County of Northumberland.
<b>Current Ownership:</b>	Darkinjung Local Aboriginal Land Council
<b>Previous and Current Landuse:</b>	Zoned RU2 Rural Landscape and E2 Environmental Conservation
<b>Proposed Landuse:</b>	The site is proposed to be rezoned to E3 (Environmental Management) to support large lot residential, vegetation buffer and environmental management (refer Figure 2)
<b>Adjoining Site Uses:</b>	Industrial, Residential, rural residential, undeveloped bushland.
<b>Site Coordinates:</b>	33°24'04.20 S 151°18'26.86 E

### 2.2 Topography and Drainage

Reference to the NSW Land and Property Information Spatial Information Exchange website (<https://six.nsw.gov.au/wps/portal/>) indicated the elevation of the site ranged between about 100m AHD to about 200m AHD. The site comprises gently sloping land, with the overall slope being down to the central portion of the site and towards the east.

Rain falling on the site would be expected to infiltrate into the site surface. Excess surface water would flow into Fountain Creek, or tributaries of Fountain Creek, which flows to the east. Fountain Creek flows into Narara Creek, located about 2.3 kms from the eastern boundary of the site. Narara Creek flows into Broad Water Bay and then into the Pacific Ocean through Broken Bay approximately 17km from the south eastern border of the site.

During field investigations tributaries of Fountain Creek were observed to be dry. During times of rainfall they collect surface water from the upper reaches of the site to the north, north-west, north-east and east. These tributaries direct flow towards the centre of the site towards Fountain creek. At the time of the site visit Fountain Creek was not flowing and consisted of a series of independent waterholes.

## 2.3 Regional Geology

Reference to the 1:100,000 Newcastle Coalfields regional Geology Map (9231 and part of 9131, 9132 and 9232, first edition, 1995) indicates that the site is underlain by the Terrigal Formation of the Narrabeen Group comprising sandstone and siltstone and Hawkesbury Sandstone, comprising massive, cross and horizontally bedded quartz sandstone and minor siltstone.

## 2.4 Hydrogeology

Groundwater beneath the site was anticipated to be present in a semi-confined aquifer in weathered fractured rock. Groundwater depths are likely to be in excess of 10m and in the higher elevations, in excess of 20m depth.

Groundwater flow direction is anticipated to follow with the surface topography and flow to the east, eventually discharging to either, Narara Creek and or Broad Water Bay, Broken Bay located about 17km to the south east of the site.

It should be noted that groundwater conditions can vary due to seasonal climatic conditions, including rainfall and other influences including regional groundwater flow, temperature, permeability, recharge areas, surface condition, and subsoil drainage.

A search of the NSW Department of Primary Industries (Office of Water) registered groundwater bores located within a 500m radius of the site was undertaken. The search revealed that there are twelve bores within this radius, a copy of the search is provided in Appendix B.

Bore ID	Installation Date	Purpose	Approx. Distance and Gradient from Boundary of Site	Water Bearing Zones (mbgs)
GW044788	01/06/1974	Stock, Domestic	460m W, up gradient	NK
GW047184	01/09/1978	Irrigation	455m W, up gradient	55.00-56.00
GW047763	01/10/1980	Irrigation	400m W, up gradient	24.00-25.00 44.00-50.00
GW057316	01/11/1982	Stock, Domestic	140m W, up gradient	47.00-49.00
GW064485	01/02/1987	Stock, Domestic	140m N, up gradient	18.10-18.40 27.60-28.80
GW066816	22/06/1991	NK	490m W, up gradient	20.10-20.30 42.70-43.00
GW067544	15/06/1989	Stock, Domestic	100m N, up gradient	17.40-17.60 35.80-36.10
GW067549	25/06/1991	Stock, Domestic	360m N, up gradient	39.10-39.30
GW067613	30/06/1991	Stock, Domestic	230m N, up gradient	36.30-36.90

Bore ID	Installation Date	Purpose	Approx. Distance and Gradient from Boundary of Site	Water Bearing Zones (mbgs)
GW100406	13/09/1995	Stock, Domestic	111m E, down gradient	26.80-27.50 35.10-36.00
GW101808	11/11/1995	Domestic	450m E, down gradient	15.60-15.90
GW104360	15/11/1995	Stock, Domestic	130m W, up gradient	23.40-23.60 38.80-39.00

Note: NK – not known; N – North, E – East, S – South, W - West

## 2.5 Acid Sulfate Soils

Reference to the Acid Sulfate Soil Risk Mapping for the Gosford (1:25,000 scale, December 1997 Edition 2, supplied by the Department of Land and Water Conservation) indicates that the site is located within an area of "no known occurrence" of acid sulfate soils.

### 3.0 Site History Review

A site history review was undertaken as part of the PCA, and included:

- A review of historical ownership of the site;
- A review of aerial photography from the past 50 years;
- A review of Section 10.7 Certificate from Central Coast Council;
- Search of the NSW EPA's list of contaminated sites applying to the site and nearby properties;
- Interview with people familiar with the history of the site; and
- A site walkover to help identify current and previous activities carried out on the site, identify surrounding land uses, and assess Areas of Environmental Concern (AECs) and Chemicals of Potential Concern (COPCs).

The information provided from the above reviews is summarised in the sections below.

#### 3.1 Historical Titles Search

A search of historical titles for lot 481 DP 1184693 was undertaken by Advanced Legal Searchers Pty Ltd.

A list of past registered proprietors for Lot 481, dating back to 1901, was obtained. The results of the search are included in Appendix C and presented below in Table 3.1.

**Table 3.1: Summary of Historical Titles**

Date	Owner
<b>Lot 481 DP 1184693</b>	
2014 – to date	Darkinjung Local Aboriginal Land Council
1901 - 2014	Crown Land
(1987 – 2012)	(Reserve 170044 for Public Recreation, Preservation of Native Flora & Preservation of Fauna vide Government Gazette 10th July 1987 Fol 3930)
(1901 – 1942)	(Reserve 32790 & Reserve 32791 from lease for water supply vide Government Gazette 1st June 1901 Fol's 4333 & 4335)

The historical title search indicated that Lot 481 was crown owned land from 1901 to 2014 and was predominantly used as flora and fauna reserves during this time. In 2014 the Darkinjung Local Aboriginal Land Council obtained the land and remain the current owners to the present day.

#### 3.2 Aerial Photograph Review

Aerial photographs of the site from 1966, 1975, 1984 and 1994 were purchased from the Department of Finance, Innovation and Services, and satellite images from Google Earth for 2010 and 2019, were assessed by a Qualitest Environmental Scientist. The results of the aerial photograph review are summarised below in Table 3.2. The aerial photographs are presented in Appendix D.



**Table 3.2: Aerial Photograph Review**

<b>Year</b>	<b>Site</b>	<b>Surrounding Land</b>
1966	The site appears to be dense bushland. Portions of the site to the south appear to be less dense than the northern portion. There is one access track that appears to run from the north-west corner and north-east corner of the site to the central portion of the site, and then continue to the south. Fountain Creek runs from the central east portion of the site to the east.	The surrounding land appears to be dense bushland. Reeves Street is visible along the northern boundary. Other roads are observed along the perimeter of the site to the north and west. Surrounding properties appear to be rural residential farming lands and are situated predominantly to the west to south west and east to south east of the site.
1975	The site is relatively unchanged from the 1966 aerial photograph although vegetation density appears to have increased over the site.	The surrounding land appears relatively unchanged from the 1966 aerial photograph although vegetation density appears to have increased to the south and north of the site. Residential housing is beginning to develop to the south east.
1984	The majority of the site appears to be relatively unchanged from the 1975 aerial photograph.  A parcel of land in the central portion of the site has been cleared. Additional access tracks appear to have been constructed, running from the central portion of the site to the north of the site.	The surrounding land appears relatively unchanged from the 1975 aerial photograph. Minor land clearing parcels have been observed to the north, south and east of the site. The M1 Motorway has begun to be developed along the western boundary of the site. Further residential housing being developed to the south east.
1994	The site appears similar to the 1984 aerial photograph. There appears to be structures within the cleared area in the central portion of the site.	The surrounding area appears similar to the 1984 photograph, there has been further development of housing to the north east of the site.
2010	The site appears similar to the 1994 aerial photograph. The cleared area in the central portion is becoming revegetated, and the structures are no longer visible.	The surrounding area appears similar to the 1994 aerial photograph. Vegetation density appears to have increased in areas surrounding the site to the east and south. Further development in residential housing has also been observed to the south west, south east and north east.
2019	The site appears similar to the 2010 aerial photograph.	The surrounding area appears similar to the 2010 aerial photograph.

### 3.3 Site Observations

A Qualtest Environmental Scientist visited the site on 19 December 2019. Selected site photographs are presented in Appendix E.

- The site was primarily bushland with the main access track located off Reeves Street (see Photograph 1 and 2). The entry points to the tracks were fenced and locked;
- The site topography sloped down towards the centre of the site, towards a waterhole (Fountain Creek) in the central portion of the site (see Photograph 3 to 5). Three dry creeks were observed at the time of the site visit. These creeks, when flowing, would flow into the Fountain Creek waterhole;
- Small amounts of domestic waste and rubbish were observed in the central portion of the site, near the waterhole, including a tuna tin can and one plastic bag (see Photograph 6); and,
- Illegally dumped waste was observed in the north-west corner of the site, including wooden pallets, old paint tins, a vacuum cleaner and plastic (see Photograph 7).

### 3.4 NSW EPA Records

A search of the NSW EPA database of notices issued under the Contaminated Land Management Act, 1997 (CLM Act) revealed there were no properties listed as having current and/or former notices within the Somersby Suburb of the Central Coast local government area (LGA).

A search of sites that have been notified to NSW EPA as contaminated within the LGA (as of 18 November 2019) was also carried out. The search identified no properties within the Suburb of Somersby notified to the NSW EPA as being contaminated.

A copy of the above searches is provided in Appendix F.

### 3.5 Anecdotal Information

A phone interview was carried out with Mr Robert Pankhurst, a local resident who has been familiar with the site since about 1946. Information obtained from Mr Pankhurst is summarised below:

- The access tracks to the centre of the site were constructed during a drought, when the waterhole in the centre of the site was one of the only sources of water in Somersby;
- A fire went through the site in 1996;
- The structures and cleared area in the central portion of the site were a scout camp. The camp comprised:
  - An amenities and shower block, which was constructed with a concrete floor, bricks, and tile. The concrete slab and some of the bricks and tiles are still present on site;
  - A 'tin shed' constructed of metal sheeting, which also housed a generator; and
  - A septic tank. The septic tank is still present, but has not been used since the 1990s.
  - The camp burnt down in the 1990's and was not replaced.
- The creeks on the site were always pristine, however roadworks in the Somersby area have caused siltation of the creeks.
- Occasionally people camp on the site, near the central waterhole.

### 3.6 Section 10.7 Certificate

A Section 10.7 Certificate for the site was obtained from Central Coast Council, and is presented in Appendix G. Relevant information is summarised below.

**Table 3.3 - Summary of Section 10.7 Certificate for Lot 481 DP1184693**

<b>Zoning</b>	RU2 Rural Landscape and E2 Environmental Conservation
<b>Critical Habitat</b>	No local environment plan or draft local environmental plan identifies the land as including or compromising critical habitat.
<b>Heritage</b>	The land does NOT contain an item of Environmental Heritage.
<b>Mine Subsidence</b>	The land IS NOT WITHIN a proclaimed Mine Subsidence District under the Mine Subsidence Compensation Act 2017.
<b>Bushfire</b>	Information currently available indicates that all or part of the land is mapped as bushfire prone land and as such restrictions may apply to new development on this land.
<b>Loose-fill Asbestos Insulation</b>	This land does not include any residential premises (within the meaning of division 1A of Part 8 of the Home Building Act 1989) that are listed on the register that is required to be maintained under that division. That register lists residential premises that contain or have contained loose-fill asbestos insulation.
<b>Contaminated Land Information</b>	<p>a) The land to which this certificate relates is NOT significantly contaminated land within the meaning of the Contaminated Land Management Act 1997.</p> <p>b) The land to which this certificate relates is NOT subject to a management order within the meaning of the Contaminated Land Management Act 1997.</p> <p>c) The land to which this certificate relates is NOT the subject of an approved voluntary management proposal within the meaning of the Contaminated Land Management Act 1997.</p> <p>d) The land to which this certificate relates is NOT the subject to an ongoing maintenance order within the meaning of the Contaminated Land Management Act 1997</p> <p>e) Council has NOT been provided with a site audit statement, within the meaning of the Contaminated Land Management Act 1997, for the land to which this Certificate relates.</p>
<b>Potential acid sulfate soils</b>	The site has been identified on acid sulfate soils maps as being of "No known occurrence" of acid sulfate soils.

### 3.7 Previous Reports

Qualtest are not aware of previous contamination assessment reports for the site.

### 3.8 Summary of Site History

The assessed uses of the site, based on the site history review, have been summarised below:

- The historical title search indicated that Lot 481 was Crown Land from 1901 to 2014 and predominantly used as a flora and fauna reserve during this time. In 2014 Darkinjung Local Aboriginal Land Council obtained the land and remain the current owners of the land to the present day;
- Anecdotal information, confirmed through review of the aerial photographs, indicated that the majority of the site has been undeveloped bushland, with the exception of construction of access tracks;
- The central portion of the site was used as a scout camp from the mid 1980's to the mid 1990's. The camp covered an area of about 5,000m<sup>2</sup>. Anecdotal information indicated that the scout camp comprised an amenities and shower block, a tin shed for a generator and a septic tank; and
- A small volume (less than 5m<sup>3</sup>) of illegally dumped waste was observed on the northern portion of the site, where access was possible from Reeves Road. This waste comprised timber fencing, wood, concrete, paint tins and household refuse. Given the size of the site, further, as yet undiscovered, refuse may exist. The majority of the site is now fenced, preventing further dumping of waste;

### 3.9 Gaps in the Site History

Whilst the site history is reasonably comprehensive there are some gaps identified in the review as follows:

- The exact timing of the scout camp is not known but is assumed to have existed for at least 10 years from mid 1980s to mid 1990s, when it was destroyed during a bush fire. The materials used to construct the amenities building is not well known. The location of the septic tank could not be found during the site visit.

## 4.0 Preliminary Conceptual Site Model

Based on the results of the preliminary contamination assessment carried out on the site, a Conceptual Site Model (CSM) has been developed.

### 4.1 Potential Sources of Contamination

Table 4.1 (below) shows the areas of environmental concern (AECs) and associated Chemicals of Potential Concern (COPCs) identified for the site.

**Table 4.1 – Areas of Environmental Concern and Chemicals of Potential Concern**

AEC	Potentially Contaminating Activity	COPCs	Likelihood of Contamination	Comment
1. Former scout camp	Potential use of hazardous materials (asbestos, lead paint, galvanised metals).	Metals, Asbestos.	Medium	The materials used for construction are not known.
	Septic tank – potential leaks of effluent.	Microbiological contaminants	Low	Taking into account the time since the septic tank was used, the risk of microbiological contamination being present is low.
	Generator in 'tin shed' – potential leaks/spills of diesel and lubricants.	TRH, PAH	Low	If present, contamination would likely be localised to the ground surface under the former generator.
2. illegal dumping of wastes on northern boundary of site	Illegal dumping of domestic and household waste materials. Waste observed comprised a vacuum cleaner, paint tin, timber, plastic and concrete. Potential for waste including asbestos containing materials, oil drums, metals, burnt out cars etc.	TRH, BTEX, PAH, Metals, VOCs, Asbestos,	Low	It is possible that contaminating materials may have been dumped in inaccessible areas of the site.

## 4.2 Potentially Affected Media, Receptors and Exposure Pathways

Table 4.2 summarises the potentially affected media, potential receptors to contamination, and potential and complete exposure pathways.

**Table 4.2 – Summary of Potentially Affected Media, Receptors and Exposure Pathways**

Consideration	Information
Potentially affected media	Soil Surface water Groundwater Air
Potential transport mechanisms & Exposure pathways	Leaching of soil contaminants to surface water and/or groundwater Direct dermal contact with contaminated soil and/or surface water Ingestion of contaminated soil and/or surface water Inhalation of asbestos fibres, or contaminated soil (as dust) Inhalation of petroleum hydrocarbon vapours Ingestion and direct dermal contact with surface water discharge from small creeks and Fountain Creek on site. Flow of surface water off site to Narara Creek.
Potential receptors of contamination	<p><b>Site occupants &amp; maintenance workers</b> Potential exposure via dermal contact with soil and/or surface water, ingestion of soil and/or surface water, inhalation of hydrocarbon vapours, inhalation of soil (as dust), and inhalation of asbestos fibres.</p> <p><b>Surface water</b> Potential leaching of soil contamination to surface water. Surface water flows to Fountain Creek which eventually discharges to Narara Creek located about 2km to the south east.</p> <p><b>Groundwater</b> Contaminants could leach from impacted soils and septic tank into groundwater. Given the top-down mode of potential contamination and the anticipated depth to groundwater (greater than 10 to 20m bgs), the risk to groundwater is considered low.</p>



### 4.3 Potential and Complete Exposure Pathways

Table 4.3 summarises the potential and complete exposure pathways.

**Table 4.3 – Potential and Complete Exposure Pathways**

Receptor/Media	Exposure Pathway	Comment
Site occupants and maintenance workers	Potentially complete	The risk of contamination in the AECs identified was assessed to be low to medium. If contamination above the human health guidelines was identified in surface soils, a complete exposure pathway would exist.
Surface water dependent ecosystems and users	Potentially Complete	Given the proximity of the former scout camp to the current waterhole there is a risk that a complete pathway exists to surface water. As the scout camp hasn't operated since the mid-1990s the risk of a complete pathway existing is low and would need to be confirmed through sampling and analysis.
Native fauna, transitory wildlife	Potentially complete	A complete pathway could exist for native fauna and transitory wildlife using the waterhole. The risk of a complete pathway existing is low and would need to be confirmed through sampling and analysis.
Groundwater users	Incomplete	Groundwater is anticipated to be greater than 10m to 20m bgs across most of the site and located within a fractured rock aquifer. It is unlikely that a complete pathway exists from soil contamination (if it exists) to groundwater and no further assessment is considered necessary.

## 5.0 Conclusions and Recommendations

The site history review showed the site was Crown Land from the early 1900s and comprised largely undeveloped bushland. The Darkinjung Local Aboriginal Land Council purchased the site in 2014 and the site has remained as undeveloped bushland.

A small area in the central portion of the site (about 5,000m<sup>2</sup>) was used for a scout camp for at least 10 years from mid 1980s to mid 1990s. This was located in the centre of the site, outside of the area proposed for residential land use. The camp comprised an amenities building, generator shed and septic tank. At other parts of the site, fronting Reeves Street, evidence was found of illegal dumping of wastes including wood, concrete and domestic refuse. This was predominately on the western side of the site, outside of the area proposed for residential land use.

Two Areas of Environmental Concern (AECs) were identified based on the desk study and site observations. The AECs related to:

- The former scout camp building materials, use of a generator and a septic tank (outside of the area proposed for residential land use); and
- Illegally dumped waste materials on site (predominately outside of the area proposed for residential land use).

These AECs were assessed to have a low to medium risk of potential contamination. The Conceptual Site Model (CSM) indicated that potential complete pathways were possible for site users, maintenance workers and ecological receptors. Based on the site history and observations during the site walkover, it is recommended that additional assessment, comprising intrusive investigations (e.g. sampling of surface soils, surface water and sediment sampling) in the AECs identified, is carried out in the area of the former scout camp and down-gradient waterhole, and where waste materials have been illegally dumped. No further assessment is recommended in the areas proposed for residential land use, unless waste materials that may have caused contamination are identified (i.e. asbestos containing materials, items that may have leaked fuels or oils).

This report was prepared in general accordance with the relevant sections of the NSW OEH (2011) Guidelines for Consultants Reporting on Contaminated Sites and the National Environment Protection (Assessment of Site Contamination) Measure 1999 (April 2013), NEPC 2013, Canberra (referred to as ASC NEPM 2013).

## 6.0 Limitations

The findings presented in the report and used as the basis for recommendations presented herein were obtained using normal, industry accepted practices and standards. To our knowledge, they represent a reasonable interpretation of the general site history of the site relevant to potential contamination.

Data and opinions contained within the report may not be used in other contexts or for any other purposes without prior review and agreement by Qualtest. If this report is reproduced, it must be in full.

## 7.0 References

**NSW Department of Primary Industries (Office of Water)** Registered Groundwater Bore Map, accessed from <http://allwaterdata.water.nsw.gov.au/water.stm>, accessed on 6 December 2019.

**NSW Land and Property Information**, Spatial Information eXchange (SIX) Maps - Topographic Map, accessed from <https://maps.six.nsw.gov.au/>, accessed on 6 December 2019.

Department of Land and Water Conservation (1997) Gosford Acid Sulfate Soil Risk Map, 1:25,000 scale, Edition 2.

**NSW OEH (2011)** Guidelines for Consultants Reporting on Contaminated Sites.

**NEPC (2013)** National Environment Protection (Assessment of Site Contamination) Measure 1999 (April 2013), Canberra (ASC NEPM 2013).

# **APPENDIX A:**

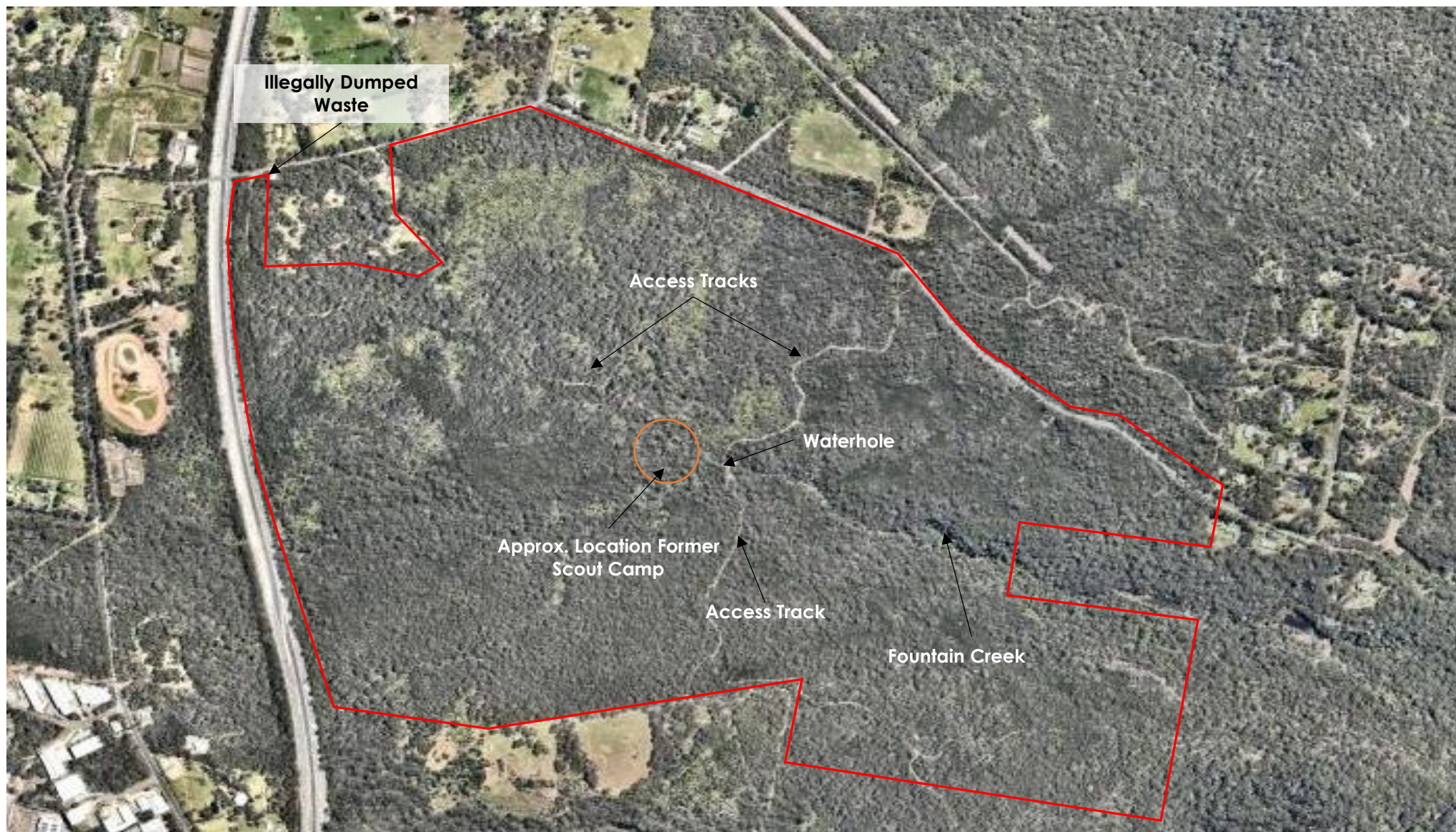
## **Figures**





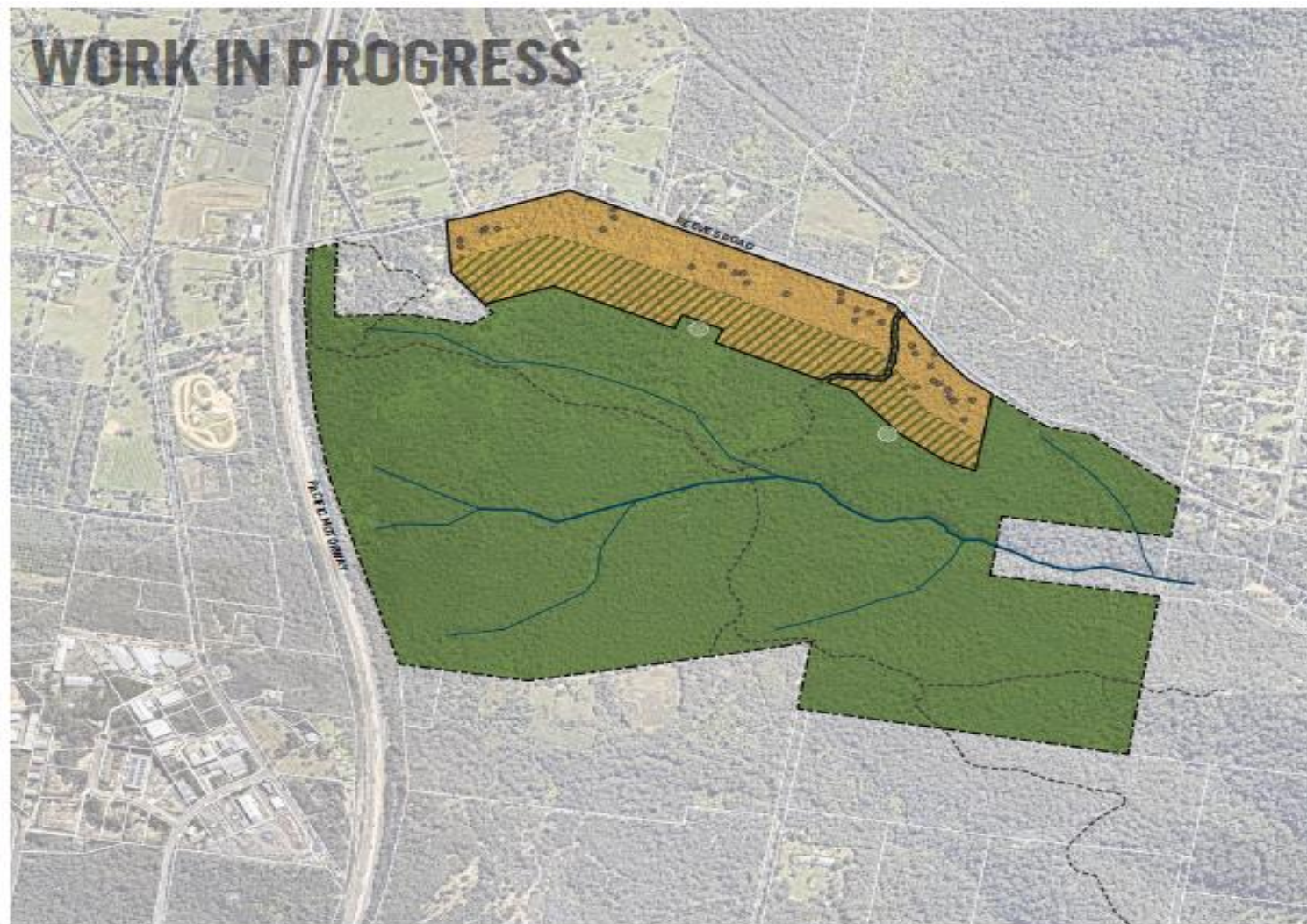
Client:	DARKINJUNG ABORIGINAL LAND COUNCIL	Drawing No:	FIGURE 1
Project:	PRELIMINARY CONTAMINATION ASSESSMENT	Project No:	NEW19P-0195-AA
Location:	LOT 481 DP 1184693 SOMERSBY CENTRAL COAST	Scale:	N.T.S.
Title:	SITE LOCATION PLAN	Date:	13 JANUARY 2020





Client:	DARKINJUNG ABORIGINAL LAND COUNCIL	Drawing No:	FIGURE 2
Project:	PRELIMINARY CONTAMINATION ASSESSMENT	Project No:	NEW19P-0195-AA
Location:	LOT 481 DP 1184693 SOMERSBY CENTRAL COAST	Scale:	N.T.S.
Title:	SITE FEATURES PLAN	Date:	13 JANUARY 2020





#### LEGEND - INDICATIVE STRUCTURE PLAN

- Somersby Site Boundary (178.5 ha)
- Proposed Large Lot Residential Zone (30.9 ha)
- Proposed Environmental Conservation Zone
- Proposed Vegetation Buffer Zone
- Aboriginal Heritage Items - 20m buffer zone
- Existing Mature Trees to be Retained - 8m buffer zone
- Existing Water Way
- Existing Trail Within Site

#### INDICATIVE YIELD

Site Area	178.5 ha
Indicative Residential Area	30.9 ha
Indicative Environmental Zone Area	147.6ha
Average lot size	2ha
Indicative Lot Yield	14 lots



## DARKINJUNG LOCAL ABORIGINAL LAND COUNCIL - SOMERSBY PLANNING PROPOSAL

### INDICATIVE STRUCTURE PLAN



Figure based on Indicative Structure Plan provided by Darkinjung Land Council (ref: 01 RPT\_Somersby\_Structureplan\_DRAFT 191126-2)




Client:	DARKINJUNG ABORIGINAL LAND COUNCIL	Drawing No:	FIGURE 3
Project:	PRELIMINARY CONTAMINATION ASSESMENT	Project No:	NEW19P-0195-AA
Location:	LOT 481 DP 1184693 SOMERSBY CENTRAL COAST	Scale:	N.T.S.
Title:	INDICATIVE PROPOSED DEVELOPMENT PLAN	Date:	13 JANUARY 2020

## **APPENDIX B:**

### **Groundwater Bore Search**



There are **6 sites** within 500 metres of the selected point. 

The 5 closest sites are shown below. [Show all 6 sites](#)

GW057316  
GW104360  
GW067544  
GW064485  
GW044788

## Groundwater Bores

- ◆ Groundwater works
- ◆ Telemetered bores
- ▲ Logged bores
- Manual bores

## Monitoring Bore Types

Alluvial

Coastal Sands

Fractured Rock

Porous Rock

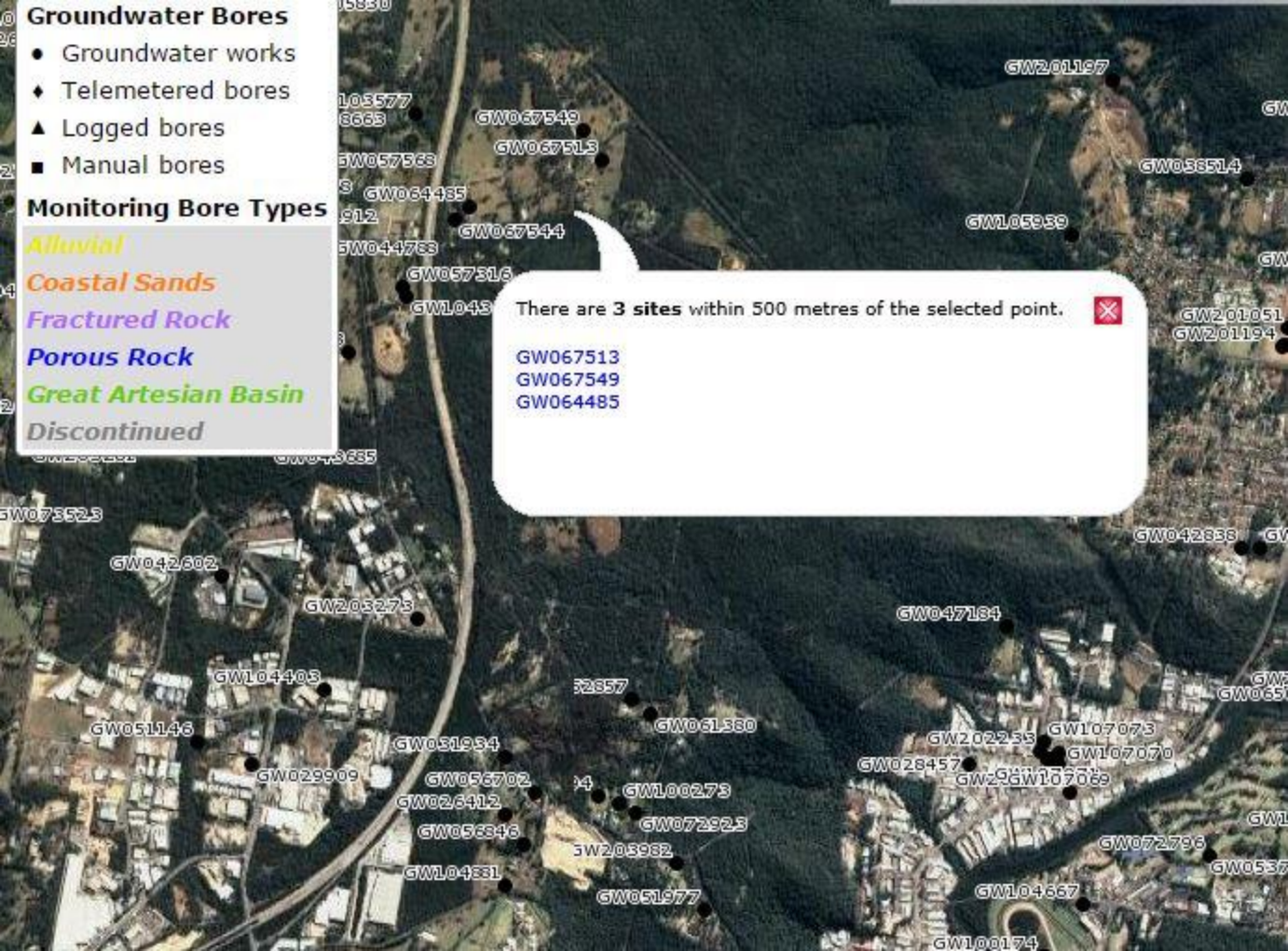
Great Artesian Basin

Discontinued

There are 3 sites within 500 metres of the selected point.



GW067513  
GW067549  
GW064485





## Groundwater Bores

- Groundwater works
- ◆ Telemetered bores
- ▲ Logged bores
- Manual bores

## Monitoring Bore Types

Alluvial

Coastal Sands

Fractured Rock

Porous Rock

Great Artesian Basin

Discontinued

There are 2 sites within 500 metres of the selected point.



GW100406  
GW101808

- Groundwater works
- ◆ Telemetered bores
- ▲ Logged bores
- Manual bores

- ## Monitoring Bore Types

### Coastal Sands

### Fractured Rock

### Porous Rock

### Great Artesian Basin

*Discontinued*

There is **1 site** within 500 metres of the selected point.

GW047184





## Groundwater Bores

- Groundwater works
- ◆ Telemetered bores
- ▲ Logged bores
- Manual bores

## Monitoring Bore Types

*Alluvial*

*Coastal Sands*

*Fractured Rock*

*Porous Rock*

*Great Artesian Basin*

*Discontinued*

- Groundwater works
- ◆ Telemetered bores
- ▲ Logged bores
- Manual bores

## Monitoring Bore Types

- Alluvial
- Coastal Sands
- Fractured Rock
- Porous Rock
- Great Artesian Basin
- Discontinued

- Alluvial
- Coastal Sands
- Fractured Rock
- Porous Rock
- Great Artesian Basin
- Discontinued

- Coastal Sands
- Fractured Rock
- Porous Rock
- Great Artesian Basin
- Discontinued

Fractured Rock  
Porous Rock  
Great Artesian Basin  
Discontinued

**Porous Rock**  
**Great Artesian Basin**  
**Discontinued**

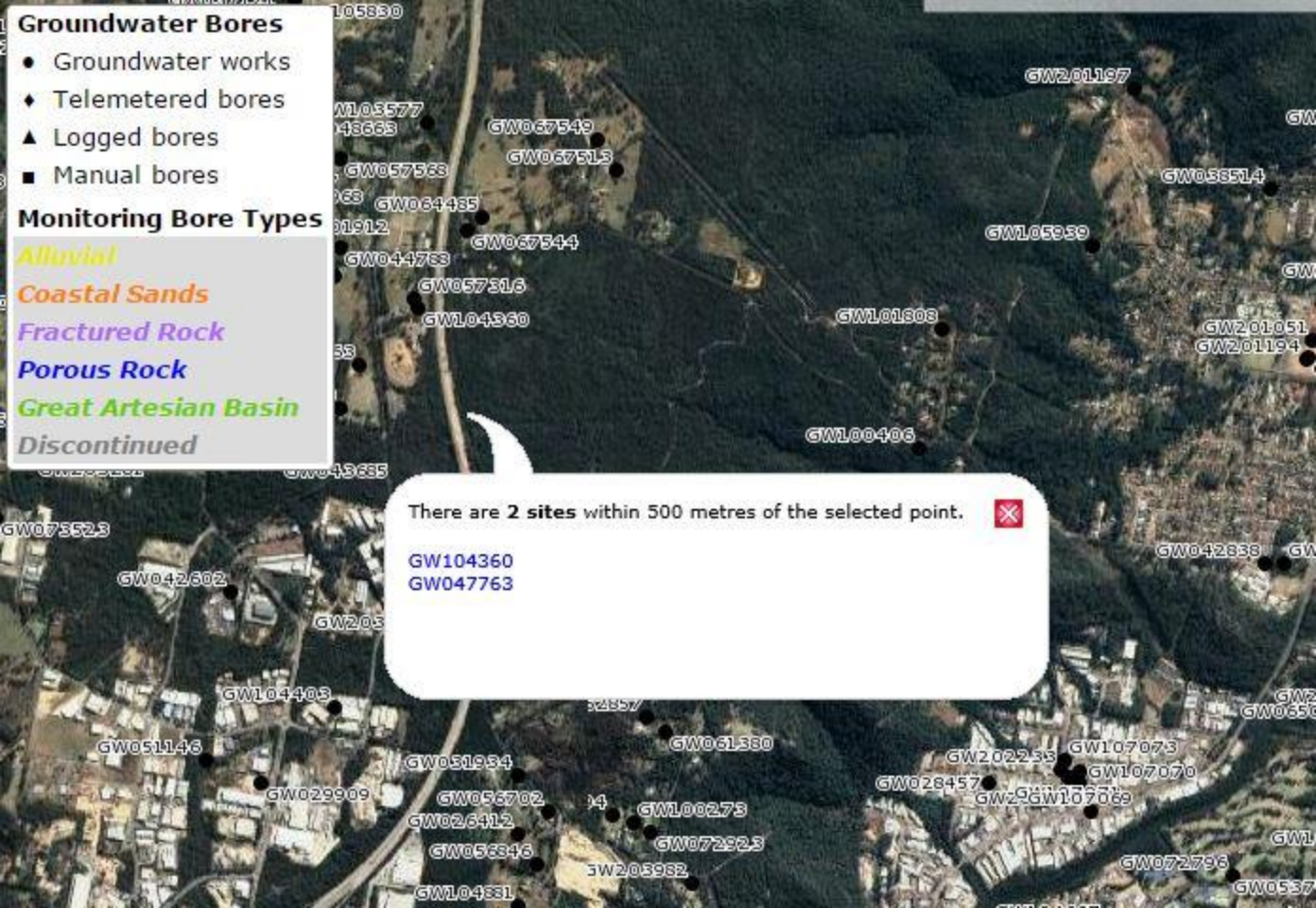
## Great Artesian Basin

### Discontinued

Discontinued



GW047763





36.30	36.90	0.60	Consolidated	15.00	0.18		
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### Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.40	0.40	Sandy Soil	Soil	
0.40	1.20	0.80	Cemented Gravel	Gravel	
1.20	21.40	20.20	Yellow Sandstone	Sandstone	
21.40	21.70	0.30	Grey Clay	Clay	
21.70	36.30	14.60	Yellow Sandstone	Sandstone	
36.30	36.90	0.60	Yellow Sandstone (wb)	Sandstone	
36.90	40.00	3.10	Grey Sandstone	Sandstone	

### Remarks

30/06/1991: ACC 7

\*\*\* End of GW067513 \*\*\*

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

# WaterNSW

## Work Summary

GW066816

Licence:

Licence Status:

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

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type:

Commenced Date:

Completion Date: 22/06/1991

Final Depth: 43.00 m

Drilled Depth: 43.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

Standing Water Level 6.000  
(m):

GWMA:

Salinity Description:

GW Zone:

Yield (L/s): 0.270

## Site Details

Site Chosen By:

County  
Form A: NORTHUMBERLAND  
Licensed:

Parish  
NARAR

Cadastre  
1//594074

Region: 10 - Sydney South Coast

CMA Map: 9131-2S

River Basin: 212 - HAWKESBURY RIVER  
Area/District:

Grid Zone:

Scale:

Elevation: 240.00 m (A.H.D.)

Elevation Est. Contour 8-15M.

Source:

Northing: 6303455.000

Easting: 341178.000

Latitude: 33°23'47.3"S

Longitude: 151°17'32.1"E

GS Map: -

MGA Zone: 56

Coordinate GD.,ACC.MAP  
Source:

## Construction

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

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	11.70	168			Driven into Hole
1	1	Casing	Poured Concrete	0.00	6.00	152			Cemented

## Water Bearing Zones

			WBZ Type						
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From (m)	To (m)	Thickness (m)		S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.10	20.30	0.20	Consolidated	8.00		0.05			
42.70	43.00	0.30	Consolidated	6.00		0.22			

## Remarks

23/11/2009: Updated details as per existing data.

**\*\*\* End of GW066816 \*\*\***

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

# WaterNSW

## Work Summary

GW044788

Licence: 20WA100720

Licence Status: CURRENT

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

Work Type: Bore open thru rock

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date: 01/06/1974

Final Depth: 54.90 m

Drilled Depth: 54.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

Standing Water Level  
(m):

GWMA: 606 - MANGROVE MOUNTAIN  
GW Zone: 008 - MOONEY MOONEY AND  
MULLET CREEKS  
GROUNDWATER SOURCE

Salinity Description:  
Yield (L/s): 0.200

## Site Details

Site Chosen By:

County	Parish	Cadastre
Form A: NORTHUMBERLAND	NARAR	7//224573
Licensed: NORTHUMBERLAND	NARARA	Whole Lot //

Region: 20 - Hunter

CMA Map: 9131-2S

River Basin: 212 - HAWKESBURY RIVER  
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)  
Elevation (Unknown)  
Source:

Northing: 6303579.000  
Easting: 341202.000

Latitude: 33°23'43.3"S  
Longitude: 151°17'33.1"E

GS Map: -

MGA Zone: 56

Coordinate GD.,ACC.MAP  
Source:

## Construction

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

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	9.10	152			

## Remarks



---

10/11/2009: Updated details as per existing data.

**\*\*\* End of GW044788 \*\*\***

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



55.00	56.00	1.00	Consolidated	25.00	3.00		
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### Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	24.00	24.00	Clay Soft	Clay	
24.00	57.00	33.00	Sandstone Water Supply	Sandstone	
57.00	65.00	8.00	Shale	Shale	

### Remarks

09/05/1979: ANNULAR FILL SUPPORTED BY CONE AT BASE OF CAS NO1  
30/06/1982: LOT 8 DELL RD WEST GOSFORD

\*\*\* End of GW047184 \*\*\*

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



24.00	25.00	1.00	Consolidated	26.00		0.13			
44.00	50.00	6.00	Consolidated	26.00		0.44			

## Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Soil	Soil	
1.00	7.00	6.00	Clay	Clay	
7.00	76.00	69.00	Sandstone Water Supply	Sandstone	
76.00	84.00	8.00	Shale	Shale	

## Remarks

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11/09/1997: BORE HAS NOT AS YET BEEN EQUIPPED WITH A PUMP AND SAMPLE OF WATER WILL BE FORWARDED AS REQUIRED WHEN PUMP IS INSTALLED

\*\*\* End of GW047763 \*\*\*

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

# WaterNSW

## Work Summary

GW057316

Licence: 20WA204077

Licence Status: CURRENT

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

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:

Completion Date: 01/11/1982

Final Depth: 50.00 m

Drilled Depth: 50.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: NERO 22 Reeves St SOMERSBY  
2250 NSW

GWMA: 606 - MANGROVE MOUNTAIN  
GW Zone: 003 - BRISBANE WATER  
GROUNDWATER SOURCE

Standing Water Level  
(m):

Salinity Description: Good  
Yield (L/s):

## Site Details

Site Chosen By:

	County	Parish	Cadastre
Form A:	NORTHUMBERLAND	GOSFO	83
Licensed:	NORTHUMBERLAND	GOSFORD	Whole Lot 83//755227

Region: 10 - Sydney South Coast

CMA Map: 9131-2S

River Basin: 212 - HAWKESBURY RIVER  
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)

Elevation (Unknown)

Source:

Northing: 6303368.000

Easting: 341515.000

Latitude: 33°23'50.3"S

Longitude: 151°17'45.1"E

GS Map: -

MGA Zone: 56

Coordinate GD.,ACC.MAP  
Source:

## Construction

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

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	50.00	130			Seated on Bottom
1	1	Opening	Slots - Vertical	40.00	49.00	130		1	Mechanically Slotted, A: 3.00mm



## 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)
47.00	49.00	2.00	Consolidated	8.50		0.60			

## Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	1.60	1.30	Sand Clayey	Sand	
1.60	50.00	48.40	Sandstone Water Supply	Sandstone	

\*\*\* End of GW057316 \*\*\*

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



17.40	17.60	0.20	Consolidated	17.00	0.10		
35.80	36.10	0.30	Consolidated	9.00	0.35		

### Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.30	1.30	Shale & Clay	Clay	
1.30	17.40	16.10	Yellow Sandstone	Sandstone	
17.40	17.60	0.20	Yellow Sandstone (wb)	Sandstone	
17.60	17.90	0.30	Clay	Clay	
17.90	35.80	17.90	Yellow Sandstone	Sandstone	
35.80	36.10	0.30	Yellow Sandstone (wb)	Sandstone	
36.10	43.00	6.90	Yellow Sandstone (wb)	Sandstone	

### Remarks

15/06/1989: ACC 7

\*\*\* End of GW067544 \*\*\*

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

# WaterNSW

## Work Summary

GW064485

Licence: 20WA204113

Licence Status: CURRENT

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

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:

Completion Date: 01/02/1987

Final Depth: 34.00 m

Drilled Depth: 34.00 m

Contractor Name: (None)

Driller: John Hans Iselt

Assistant Driller:

Property: N/A 59 Reeves St SOMERSBY  
2250 NSW

GWMA: 606 - MANGROVE MOUNTAIN  
GW Zone: 003 - BRISBANE WATER  
GROUNDWATER SOURCE

Standing Water Level 5.000  
(m):

Salinity Description: Fresh  
Yield (L/s): 0.900

## Site Details

Site Chosen By:

County	Parish	Cadastre
Form A: NORTHUMBERLAND	GOSFO	L11 DP263427 (338)
Licensed: NORTHUMBERLAND	GOSFORD	Whole Lot
		11//263427

Region: 20 - Hunter

CMA Map: 9131-2S

River Basin: 212 - HAWKESBURY RIVER  
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)

Elevation Unknown

Source:

Northing: 6303712.000

Easting: 341794.000

Latitude: 33°23'39.3"S

Longitude: 151°17'56.1"E

GS Map: -

MGA Zone: 56

Coordinate GD.,ACC.MAP  
Source:

## Construction

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

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Steel	-0.30	7.70	168			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)
18.10	18.40	0.30	Consolidated	7.00		0.20			
27.60	28.80	1.20	Consolidated	5.00		0.70			

## Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.90	0.90	Soil Sandy	Soil	
0.90	3.10	2.20	Clay Yellow Sandy	Clay	
3.10	5.40	2.30	Gravel Consolidated	Gravel	
5.40	18.10	12.70	Sandstone Yellow Silty	Sandstone	
18.10	18.40	0.30	Sandstone Yellow Silty Water Bearing	Sandstone	
18.40	27.60	9.20	Sandstone Yellow Silty	Sandstone	
27.60	28.80	1.20	Sandstone Yellow Silty Water Bearing	Sandstone	
28.80	30.10	1.30	Clay White	Clay	
30.10	34.00	3.90	Sandstone Yellow	Sandstone	

## Remarks

22/11/2012: Nat Carling, 22-Nov-2012; Updated region code & status (based on licence) & removed duplicate row in driller's log.

\*\*\* End of GW064485 \*\*\*

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



**GW067549**

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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39.10	39.30	0.20	Consolidated	22.00	0.18		
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### Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.40	0.40		Topsoil	
0.40	1.10	0.70		Ironstone	
1.10	2.20	1.10	Cemented Gravel	Gravel	
2.20	6.50	4.30	Yellow Sandstone	Sandstone	
6.50	14.80	8.30	Grey Sandstone	Sandstone	
14.80	39.10	24.30	Yellow Sandstone	Sandstone	
39.10	39.30	0.20	Yellow Sandstone (wb)	Sandstone	
39.30	48.90	9.60	Yellow Sandstone	Sandstone	
48.90	54.00	5.10	Grey Sandstone	Sandstone	

### Remarks

25/06/1991: ACC 7

\*\*\* End of GW067549 \*\*\*

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

# WaterNSW

## Work Summary

GW100406

Licence: 20WA204120

Licence Status: CURRENT

Authorised Purpose STOCK,DOMESTIC  
(s):

Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:

Completion Date: 13/09/1995

Final Depth: 40.00 m

Drilled Depth: 40.00 m

Contractor Name: JH ISELT PTY LTD

Driller: John Hans Iselt

Assistant Driller:

Property: N/A 272 Reeves St SOMERSBY  
2250 NSW

GWMA: 606 - MANGROVE MOUNTAIN  
GW Zone: 003 - BRISBANE WATER  
GROUNDWATER SOURCE

Standing Water Level 24.000  
(m):

Salinity Description: Fresh  
Yield (L/s): 0.900

## Site Details

Site Chosen By:

County	Parish	Cadastre
Form A: NORTHUMBERLAND	GOSFO	220//815439
Licensed: NORTHUMBERLAND	GOSFORD	Whole Lot
		220//815439

Region: 20 - Hunter  
River Basin: - Unknown  
Area/District:

CMA Map:  
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)  
Elevation Unknown  
Source:

Northing: 6302774.000  
Easting: 343656.000

Latitude: 33°24'10.7"S  
Longitude: 151°19'07.6"E

GS Map: -

MGA Zone: 56

Coordinate Unknown  
Source:

## Construction

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

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	40.00	150			Cable Tool
1	1	Casing	P.V.C.	-0.40	3.00	160			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)
26.80	27.50	0.70	Unknown	26.00	30.00	0.10	30.00	01:00:00	
35.10	36.00	0.90	Unknown	24.00	40.00	0.80	40.00	02:00:00	

## Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	TOP SOIL	Topsoil	
0.30	0.60	0.30	WHITE CLAY	Clay	
0.60	4.10	3.50	PINK SANDSTONE	Sandstone	
4.10	7.60	3.50	WHITE SANDSTONE	Sandy Clay	
7.60	13.10	5.50	YELLOW SANDSTONE	Sandstone	
13.10	16.30	3.20	GREY SANDSTONE	Sandstone	
16.30	16.70	0.40	GREY CLAY	Clay	
16.70	25.50	8.80	GREY SANDSTONE	Sandstone	
25.50	26.80	1.30	GREY SHALE	Shale	
26.80	27.50	0.70	GREY SANDSTONE (WATER BEARING)	Sandstone	
27.50	35.10	7.60	GREY SANDSTONE	Sandstone	
35.10	36.00	0.90	GREY SANDSTONE (WATER BEARING)	Sandstone	
36.00	40.00	4.00	GREY SANDSTONE	Sandstone	

## Remarks

10/01/2013: Nat Carling, 10-Jan-2013; Added rock type codes to driller's log & added missing information (based on existing data).

\*\*\* End of GW100406 \*\*\*

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

# WaterNSW

## Work Summary

GW101808

Licence: 20WA204129

Licence Status: CURRENT

Authorised Purpose DOMESTIC  
(s):

Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type:

Commenced Date:

Completion Date: 11/11/1995

Final Depth: 50.00 m

Drilled Depth: 50.00 m

Contractor Name: JH ISELT PTY LTD

Driller: John Hans Iselt

Assistant Driller:

Property: N/A 13 Dawson St SOMERSBY  
2250 NSW

GWMA: 606 - MANGROVE MOUNTAIN  
GW Zone: 003 - BRISBANE WATER  
GROUNDWATER SOURCE

Standing Water Level 5.500  
(m):

Salinity Description: Fresh  
Yield (L/s): 0.070

## Site Details

Site Chosen By:

County	Parish	Cadastre
Form A: NORTHUMBERLAND	GOSFO	209//815439
Licensed: NORTHUMBERLAND	GOSFORD	Whole Lot
		209//815439

Region: 10 - Sydney South Coast

River Basin: - Unknown  
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)  
Elevation Unknown  
Source:

Northing: 6303279.000  
Easting: 343746.000

Latitude: 33°23'54.4"S  
Longitude: 151°19'11.4"E

GS Map: -

MGA Zone: 56

Coordinate Unknown  
Source:

## Construction

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

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	4.00	168			Cable Tool
1		Hole	Hole	4.00	50.00	150			Cable Tool
1	1	Casing	Galvinised Steel	-0.30	4.00	168	158		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)
15.60	15.90	0.30	Unknown	5.50	50.00	0.07	50.00	01:00:00	

## Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	SANDY SOIL	Invalid Code	
0.30	1.60	1.30	GRAVEL, CEMENTED	Gravel	
1.60	2.20	0.60	CLAY, WHITE	Clay	
2.20	13.80	11.60	SANDSTONE, YELLOW	Sandstone	
13.80	15.60	1.80	SANDSTONE, WHITE	Sandstone	
15.60	15.90	0.30	SANDSTONE, WHITE, W.B.	Sandstone	
15.90	31.50	15.60	SANDSTONE, YELLOW	Sandstone	
31.50	36.10	4.60	SANDSTONE, GREY	Sandstone	
36.10	50.00	13.90	SANDSTONE, WHITE	Sandstone	

\*\*\* End of GW101808 \*\*\*

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

# WaterNSW

## Work Summary

GW104360

Licence: 20WA204123

Licence Status: CURRENT

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

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

Commenced Date:  
Completion Date: 15/11/1995

Final Depth: 46.00 m  
Drilled Depth: 46.00 m

Contractor Name: JH ISELT PTY LTD  
Driller: John Hans Iselt  
Assistant Driller:

Property: N/A 107 Debenham Rd  
SOMERSBY 2250 NSW  
GWMA: 606 - MANGROVE MOUNTAIN  
GW Zone: 003 - BRISBANE WATER  
GROUNDWATER SOURCE

Standing Water Level 18.000  
(m):  
Salinity Description: Fresh  
Yield (L/s): 0.130

## Site Details

Site Chosen By:

County Parish Cadastre  
Form A: NORTHUMBERLAND GOSFO LT 5 DP 261507  
Licensed: NORTHUMBERLAND GOSFORD Whole Lot 5//261507

Region: 10 - Sydney South Coast  
River Basin: - Unknown  
Area/District:

CMA Map:  
Grid Zone: Scale:

Elevation: 0.00 m (A.H.D.)  
Elevation Unknown  
Source:

Northing: 6303328.000  
Easting: 341534.000

Latitude: 33°23'51.6"S  
Longitude: 151°17'45.8"E

GS Map: -

MGA Zone: 56

Coordinate Map Interpre  
Source:

## Construction

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

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	46.00	150			Cable Tool
1	1	Casing	P.V.C.	-0.40	4.00	160			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)
23.40	23.60	0.20	Unknown	18.00	30.00	0.07	30.00	01:00:00	
38.80	39.00	0.20	Unknown	18.00	46.00	0.13	46.00	01:00:00	

## Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	TOPSOIL	Topsoil	
0.30	2.20	1.90	GRAVEL CEMENTED	Gravel	
2.20	8.20	6.00	IRONSTONE RED	Ironstone Gravel	
8.20	8.50	0.30	CLAY ORANGE	Clay	
8.50	23.40	14.90	SANDSTONE YELLOW	Sandstone	
23.40	23.60	0.20	SANDSTONE YELLOW W.B.	Sandstone	
23.60	38.50	14.90	SANDSTONE YELLOW	Sandstone	
38.50	38.80	0.30	CLAY GREY	Clay	
38.80	39.00	0.20	SANDSTONE GREY W.B.	Sandstone	
39.00	46.00	7.00	SANDSTONE GREY	Sandstone	

\*\*\* End of GW104360 \*\*\*

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## **APPENDIX C:**

### **Historical Titles**

# **ADVANCE LEGAL SEARCHERS PTY LTD**

(ACN 147 943 842)  
ABN 82 147 943 842

18/36 Osborne Road,  
Manly NSW 2095

Telephone: +612 9977 6713  
Mobile: 0412 169 809  
Email: [search@alsearchers.com.au](mailto:search@alsearchers.com.au)

05<sup>th</sup> December 2019

## **QUALTEST LABORATORY (NSW) PTY LTD**

8 Ironbark Close,  
**WARABROOK NSW 2304**

**Attention: Billy Snow**

**RE:**

**Lot 481 Reeves Street,  
Somersby  
PO NEW19P-0195**

## **Current Search**

Folio Identifier 481/1184693 (title attached)

DP 1184693 (plan attached)

Dated 04<sup>th</sup> December 2019

Registered Proprietor:

**DARKINJUNG LOCAL ABORIGINAL LAND COUNCIL**

**Title Tree**  
**Lot 481 DP 1184693**

Folio Identifier 481/1184693

Folio Identifier 102/499014

Crown Land

*Government Gazette 27<sup>th</sup> April 1990 Folio 3438*

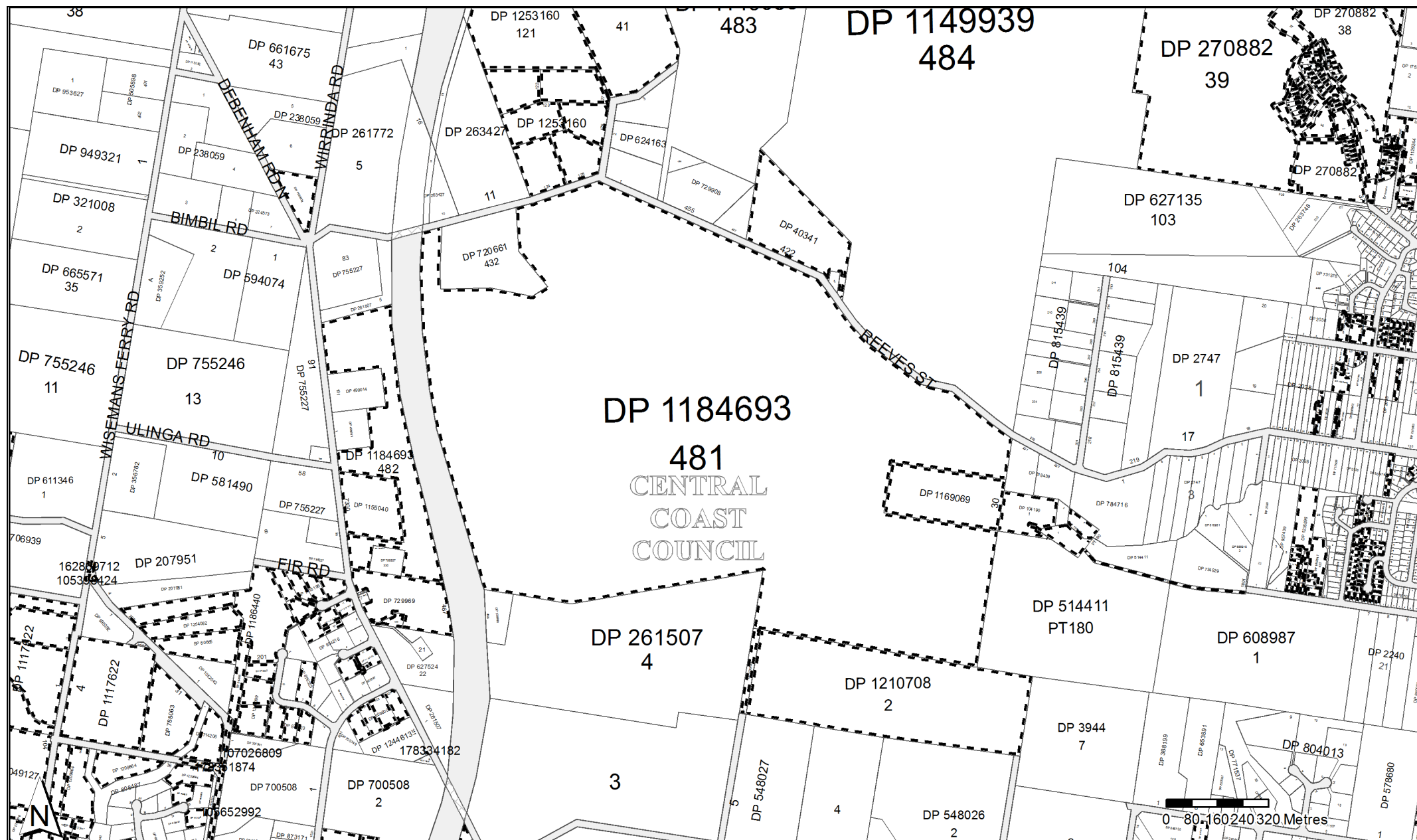
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



**Summary of proprietor(s)**  
**Lot 481 DP 1184693**

<b>Year</b>	<b>Proprietor(s)</b>
	<b>(Lot 481 DP 1184693)</b>
2014 – todate	Darkinjung Local Aboriginal Land Council
2013 – 2014	Crown Land
	<b>(Lot 102 DP 499014)</b>
2012 – 2013	Crown Land
	<b>(Land in Parish Gosford – Area 800 Acres)</b>
Prior – 2012	Crown Land
(1987 – 2012)	<i>(Reserve 170044 for Public Recreation, Preservation of Native Flora &amp; Preservation of Fauna vide Government Gazette 10<sup>th</sup> July 1987 Fol 3930)</i>
(1901 – 1942)	<i>(Reserve 32790 &amp; Reserve 32791 from lease for water supply vide Government Gazette 1<sup>st</sup> June 1901 Fol's 4333 &amp; 4335)</i>



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



	Status	Surv/Comp	Purpose
DP2240 Lot(s): 3 Section : 23  DP1017301	REGISTERED	SURVEY	SUBDIVISION
DP40341 Lot(s): 422 	NSW GAZ. 19-09-2008 RESERVATION OF CROWN LAND RESERVE NO. 1015608. ERRATUM GAZ. 17-10-2008 FOL. 9998		Folio : 9288
DP104190 Lot(s): 1 	NSW GAZ. 27-04-1990 DECLARATION PURSUANT TO SECTION 25A OF THE CROWN LANDS CONSOLIDATION ACT, 1913 LOT 1 DP104190		Folio : 3438
DP104216 Lot(s): 1 	NSW GAZ. 27-04-1990 DECLARATION PURSUANT TO SECTION 25A OF THE CROWN LANDS CONSOLIDATION ACT, 1913 LOT 1 DP104216 AND LOT 1 DP1174671		Folio : 3438
Lot(s): 2 	NSW GAZ. 27-04-1990 DECLARATION PURSUANT TO SECTION 25A OF THE CROWN LANDS CONSOLIDATION ACT, 1913 LOT 2 DP104216		Folio : 3438
DP263628 Lot(s): 3 	DP1208660 REGISTERED	SURVEY	EASEMENT
DP270882 Lot(s): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48 	DP1087535 REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
	DP1126998 HISTORICAL	SURVEY	CROWN FOLIO CREATION
	NSW GAZ. 01-03-2013 REVOCATION OF RESERVATION OF CROWN LAND RESERVE NO. 69754 - LOT 13 DP1126998		Folio : 521
Lot(s): 1, 37 	DP270882 UNREGISTERED	SURVEY	COMMUNITY SUBDIVISION PLAN
Lot(s): 1, 34, 35, 36, 37, 38, 39 	NSW GAZ. 22-02-2008 CLOSED ROAD CROWN LAND TO BE ADDED TO RESERVE NO. 69754 AFFECTING THE LAND SHADED IN THE DIAGRAM ACCOMPANYING THIS GAZETTE NOTIFICATION		Folio : 1155
Lot(s): 37, 38 	NSW GAZ. 07-03-2008 CLOSED ROAD ADDITION TO RESERVED CROWN LAND RESERVE NO. 69754 AFFECTING THE LAND SHADED IN THE DIAGRAM ACCOMPANYING THIS GAZETTE NOTIFICATION		Folio : 1458
DP616412 Lot(s): 11 	DP1244628 REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
DP714206 Lot(s): 1 	DP1244611 REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
DP729969 Lot(s): 467 	NSW GAZ. 30-07-2010 PART LOT 102 DP499014, LOT 467 DP729969 AND LOT 7300 DP1155040 RESERVED AS CROWN LAND. RESERVE NO. 1028908		Folio : 3666
	NSW GAZ. 24-12-1982 RESUMPTION OF AN EASEMENT FOR ACCESS DEFINED IN DP618931		Folio : 5954




























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	Status	Surv/Comp	Purpose
Lot(s): 466  NSW GAZ. 21-06-2019 RESERVATION OF CROWN LAND RESERVE NO. 1039311 LOT 466 DP729969			Folio : 2156
DP771535 Lot(s): 41  DP1253160	REGISTERED	SURVEY	SUBDIVISION
DP785983 Lot(s): 41  DP1055817	REGISTERED	SURVEY	SUBDIVISION
DP788063 Lot(s): 31  DP1123538	REGISTERED	SURVEY	EASEMENT
DP854216 Lot(s): 5  DP1227285	REGISTERED	SURVEY	EASEMENT
DP876323 Lot(s): 3  DP1245999	REGISTERED	SURVEY	SUBDIVISION
Lot(s): 7  DP1151859	REGISTERED	SURVEY	EASEMENT
Lot(s): 11, 12, 13  DP1042353	REGISTERED	COMPILATION	EASEMENT
DP1009310 Lot(s): 1, 2, 3, 4, 5, 6  DP2038	HISTORICAL	COMPILATION	UNRESEARCHED
DP1014672 Lot(s): 1701, 1702, 1703  DP827476	HISTORICAL	SURVEY	SUBDIVISION
DP1015195 Lot(s): 11, 13, 14, 15, 16, 17, 18, 19  DP854216	HISTORICAL	SURVEY	SUBDIVISION
DP1019409 Lot(s): 2  DP502414	HISTORICAL	SURVEY	SUBDIVISION
DP1020950 Lot(s): 10  DP831845	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 10, 11  DP791269	HISTORICAL	SURVEY	SUBDIVISION
DP1029467 Lot(s): 400, 401, 402  DP815043	HISTORICAL	SURVEY	SUBDIVISION
DP1031591 Lot(s): 381  DP2038	HISTORICAL	COMPILATION	UNRESEARCHED
DP1036315 Lot(s): 11, 12  DP847211	HISTORICAL	SURVEY	SUBDIVISION
DP1039634 Lot(s): 151  DP224573	HISTORICAL	SURVEY	SUBDIVISION
DP1048433 Lot(s): 406, 407  DP815043	HISTORICAL	SURVEY	SUBDIVISION
 DP1029467	HISTORICAL	SURVEY	SUBDIVISION
DP1049127 Lot(s): 104  DP815042	HISTORICAL	SURVEY	SUBDIVISION

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
	Status	Surv/Comp	Purpose
DP1055609 Lot(s): 1, 2  DP2038	HISTORICAL	COMPILATION	UNRESEARCHED
DP1055817 Lot(s): 420, 421, 422  DP785983	HISTORICAL	SURVEY	SUBDIVISION
DP1058524 Lot(s): 2, 3, 4  DP2038	HISTORICAL	COMPILATION	UNRESEARCHED
DP1078612 Lot(s): 1, 2  DP2038	HISTORICAL	COMPILATION	UNRESEARCHED
DP1094459 Lot(s): 1, 2, 3, 4, 5  DP2240  DP1235596	HISTORICAL REGISTERED	COMPILATION SURVEY	UNRESEARCHED SUBDIVISION
DP1098005 Lot(s): 421, 422, 423, 424  DP633230	HISTORICAL	SURVEY	SUBDIVISION
DP1104145 Lot(s): 382, 383  DP2038  DP1031591	HISTORICAL HISTORICAL	COMPILATION SURVEY	UNRESEARCHED SUBDIVISION
DP1107243 Lot(s): 20, 21, 22  DP859687	HISTORICAL	SURVEY	SUBDIVISION
DP1116591 Lot(s): 1  DP864578	HISTORICAL	SURVEY	SUBDIVISION
DP1117622 Lot(s): 2  DP1244608	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
Lot(s): 4  DP955011	HISTORICAL	SURVEY	UNRESEARCHED
Lot(s): 1, 2, 3  DP390042	HISTORICAL	SURVEY	UNRESEARCHED
DP1123567 Lot(s): 3, 5, 6, 7, 8, 9, 10, 11, 12  DP811628	HISTORICAL	SURVEY	SUBDIVISION
DP1129244 Lot(s): 22  DP1158116	REGISTERED	SURVEY	EASEMENT
Lot(s): 21, 22  DP864578  DP1116591	HISTORICAL HISTORICAL	SURVEY SURVEY	SUBDIVISION SUBDIVISION
DP1134128 Lot(s): 121, 122  DP854216  DP1015195	HISTORICAL HISTORICAL	SURVEY SURVEY	SUBDIVISION SUBDIVISION
DP1143271 Lot(s): 1, 2  DP843946	HISTORICAL	SURVEY	SUBDIVISION
DP1143508 Lot(s): 41, 42  DP854216	HISTORICAL	SURVEY	SUBDIVISION
DP1155040 Lot(s): 7300 	NSW GAZ. 30-07-2010 Folio : 3666 PART LOT 102 DP499014, LOT 467 DP729969 AND LOT 7300 DP1155040 RESERVED AS CROWN LAND. RESERVE NO. 1028908		

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	Status	Surv/Comp	Purpose
DP1160140			
Lot(s): 100			
 DP811628	HISTORICAL	SURVEY	SUBDIVISION
 DP1123567	HISTORICAL	SURVEY	SUBDIVISION
DP1169069			
Lot(s): 30			
 CA160248 - LOT 30 DP1169069			
DP1174671			
Lot(s): 1			
 NSW GAZ. 27-04-1990 Folio : 3438 DECLARATION PURSUANT TO SECTION 25A OF THE CROWN LANDS CONSOLIDATION ACT, 1913 LOT 1 DP104216 AND LOT 1 DP1174671			
DP1181899			
Lot(s): 15			
 DP2240	HISTORICAL	COMPILATION	UNRESEARCHED
 DP1094459	HISTORICAL	SURVEY	SUBDIVISION
 DP1235596	REGISTERED	SURVEY	SUBDIVISION
DP1184693			
Lot(s): 481, 482			
 DP499014	HISTORICAL	COMPILATION	PIPELINES ACT, 1967
Lot(s): 481			
 NSW GAZ. 27-04-1990 Folio : 3438 DECLARATION PURSUANT TO SECTION 25A OF THE CROWN LANDS CONSOLIDATION ACT, 1913			
DP1186440			
Lot(s): 201			
 DP206282	HISTORICAL	SURVEY	SUBDIVISION
 DP812383	HISTORICAL	COMPILATION	SUBDIVISION
 DP876323	HISTORICAL	SURVEY	SUBDIVISION
 DP1027737	HISTORICAL	COMPILATION	CONSOLIDATION
 DP1245999	REGISTERED	SURVEY	SUBDIVISION
Lot(s): 201, 203			
 DP207951	HISTORICAL	SURVEY	SUBDIVISION
DP1188876			
Lot(s): 101, 102			
 DP2038	HISTORICAL	COMPILATION	UNRESEARCHED
 DP1058524	HISTORICAL	SURVEY	SUBDIVISION
DP1189679			
Lot(s): 11, 12			
 DP620833	HISTORICAL	SURVEY	SUBDIVISION
DP1193221			
Lot(s): 1231, 1232			
 DP852402	HISTORICAL	SURVEY	SUBDIVISION
DP1204974			
Lot(s): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43			
 DP789672	HISTORICAL	SURVEY	SUBDIVISION
DP1209664			
Lot(s): 1, 2, 3			
 DP808487	HISTORICAL	SURVEY	SUBDIVISION
DP1210458			
Lot(s): 31, 32			
 DP815042	HISTORICAL	SURVEY	SUBDIVISION
 DP1049127	HISTORICAL	SURVEY	SUBDIVISION
DP1210547			
Lot(s): 9			
 DP2240	HISTORICAL	COMPILATION	UNRESEARCHED
 DP1094459	HISTORICAL	SURVEY	SUBDIVISION
 DP1181899	HISTORICAL	SURVEY	SUBDIVISION
 DP1235596	REGISTERED	SURVEY	SUBDIVISION








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	Status	Surv/Comp	Purpose
DP1210689 Lot(s): 101, 102, 103, 104, 105  DP2038	HISTORICAL	COMPILATION	UNRESEARCHED
DP1210708 Lot(s): 1, 2  DP755227	HISTORICAL	COMPILATION	CROWN ADMIN NO.
DP1211483 Lot(s): 291, 292  DP2038	HISTORICAL	COMPILATION	UNRESEARCHED
DP1214507 Lot(s): 1  DP789672	HISTORICAL	SURVEY	SUBDIVISION
 DP1204974	HISTORICAL	SURVEY	SUBDIVISION
DP1219972 Lot(s): 201, 202, 203, 204, 205  DP2038	HISTORICAL	COMPILATION	UNRESEARCHED
DP1235596 Lot(s): 10, 11, 12, 13, 14  DP2240	HISTORICAL	COMPILATION	UNRESEARCHED
 DP1094459	HISTORICAL	SURVEY	SUBDIVISION
 DP1181899	HISTORICAL	SURVEY	SUBDIVISION
 DP1210547	HISTORICAL	SURVEY	SUBDIVISION
DP1245999 Lot(s): 11, 12  DP876323	HISTORICAL	SURVEY	SUBDIVISION
DP1253160 Lot(s): 121, 122, 123, 124, 125, 126, 127  DP263427	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
DP1254082 Lot(s): 20  DP206282	HISTORICAL	SURVEY	SUBDIVISION
 DP1186440	HISTORICAL	SURVEY	SUBDIVISION
Road Polygon Id(s): 159265287  NSW GAZ. 12-11-2010 Folio : 5496 DEDICATED PUBLIC ROAD LOT 1 DP1116591			
Polygon Id(s): 178334182  LOT 310 DP1244613 IS REQUIRED FOR ROAD PURPOSES - SEE AN985442			
SP34466  DP1245999	REGISTERED	SURVEY	SUBDIVISION
SP69663  DP808487	HISTORICAL	SURVEY	SUBDIVISION
SP71570  DP261647	HISTORICAL	SURVEY	SUBDIVISION
 DP1059942	HISTORICAL	SURVEY	REDEFINITION
SP71648  DP776132	HISTORICAL	SURVEY	SUBDIVISION
 DP1014753	HISTORICAL	SURVEY	SUBDIVISION
SP72440  DP776132	HISTORICAL	SURVEY	SUBDIVISION
 DP1014753	HISTORICAL	SURVEY	SUBDIVISION
SP73310  DP776132	HISTORICAL	SURVEY	SUBDIVISION
 DP1014753	HISTORICAL	SURVEY	SUBDIVISION
 DP1062994	HISTORICAL	COMPILATION	CONSOLIDATION
SP75138  DP815043	HISTORICAL	SURVEY	SUBDIVISION
 DP1029467	HISTORICAL	SURVEY	SUBDIVISION
 DP1048433	HISTORICAL	SURVEY	SUBDIVISION

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		<b>Status</b>	<b>Surv/Comp</b>	<b>Purpose</b>
SP80435				
	DP808487	HISTORICAL	SURVEY	SUBDIVISION
	SP90364	REGISTERED	COMPILATION	STRATA SUBDIVISION PLAN
SP80665				
	DP205987	HISTORICAL	SURVEY	SUBDIVISION
	DP1126502	HISTORICAL	SURVEY	REDEFINITION
Road				
Polygon Id(s): 107091739				
	NSW GAZ.	27-05-2016		Folio : 1161
	TRANSFER OF CROWN ROAD TO COUNCIL			
Polygon Id(s): 178351874				
	NSW GAZ.	08-02-2019		Folio : 271
	TRANSFER OF CROWN ROAD TO COUNCIL			
	AFFECTING THE LAND SHADED RED IN THE DIAGRAM			
	ACCOMPANYING THIS GAZETTE NOTIFICATION			
Polygon Id(s): 105398424, 105461781, 105652992, 107026809, 162869706, 162869712, 162869705				
	DP1255173	REGISTERED	SURVEY	SURVEY INFORMATION ONLY

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Plan	Surv/Comp	Purpose
DP1503	COMPILATION	UNRESEARCHED
DP1757	COMPILATION	UNRESEARCHED
DP2038	COMPILATION	UNRESEARCHED
DP2240	COMPILATION	UNRESEARCHED
DP2747	COMPILATION	UNRESEARCHED
DP3944	SURVEY	UNRESEARCHED
DP40341	SURVEY	CROWN FOLIO CREATION
DP104190	COMPILATION	UNRESEARCHED
DP104216	COMPILATION	UNRESEARCHED
DP113082	COMPILATION	DEPARTMENTAL
DP116008	COMPILATION	DEPARTMENTAL
DP207951	SURVEY	SUBDIVISION
DP224573	SURVEY	SUBDIVISION
DP238059	COMPILATION	SUBDIVISION
DP261507	SURVEY	ROAD OR MOTORWAY
DP261647	SURVEY	SUBDIVISION
DP261772	SURVEY	ROAD OR MOTORWAY
DP263427	SURVEY	RESUMPTION OR ACQUISITION
DP263628	SURVEY	SUBDIVISION
DP263748	SURVEY	SUBDIVISION
DP270882	SURVEY	COMMUNITY PLAN
DP270882	UNRESEARCHED	COMMUNITY PLAN
DP270882	SURVEY	COMMUNITY SUBDIVISION PLAN
DP321008	COMPILATION	UNRESEARCHED
DP331541	SURVEY	UNRESEARCHED
DP356782	COMPILATION	UNRESEARCHED
DP359252	SURVEY	UNRESEARCHED
DP388199	SURVEY	UNRESEARCHED
DP440047	SURVEY	UNRESEARCHED
DP499011	COMPILATION	PIPELINES ACT, 1967
DP499014	COMPILATION	PIPELINES ACT, 1967
DP505898	SURVEY	SUBDIVISION
DP514411	COMPILATION	REDEFINITION
DP537651	SURVEY	SUBDIVISION
DP548026	SURVEY	SUBDIVISION
DP548027	COMPILATION	SUBDIVISION
DP559231	SURVEY	SUBDIVISION
DP578680	SURVEY	RESUMPTION OR ACQUISITION
DP581490	COMPILATION	CONSOLIDATION
DP594074	COMPILATION	SUBDIVISION
DP595392	SURVEY	SUBDIVISION
DP608987	COMPILATION	CONSOLIDATION
DP611346	COMPILATION	SUBDIVISION
DP614049	SURVEY	SUBDIVISION
DP616412	SURVEY	RESUMPTION OR ACQUISITION
DP618931	SURVEY	RESUMPTION OR ACQUISITION
DP624163	SURVEY	SUBDIVISION
DP627135	COMPILATION	SUBDIVISION
DP627524	SURVEY	SUBDIVISION
DP653891	COMPILATION	DEPARTMENTAL
DP658225	COMPILATION	DEPARTMENTAL
DP660983	COMPILATION	DEPARTMENTAL
DP661675	COMPILATION	DEPARTMENTAL
DP665571	COMPILATION	DEPARTMENTAL
DP700508	SURVEY	SUBDIVISION
DP700749	SURVEY	SUBDIVISION
DP706169	SURVEY	SUBDIVISION
DP706939	SURVEY	SUBDIVISION
DP713642	COMPILATION	SUBDIVISION
DP714206	SURVEY	SUBDIVISION
DP720661	SURVEY	CROWN FOLIO CREATION
DP729908	SURVEY	CROWN FOLIO CREATION
DP729969	SURVEY	CROWN FOLIO CREATION
DP731377	SURVEY	SUBDIVISION
DP731378	SURVEY	SUBDIVISION

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**ACTIVITY PRIOR TO SEPTEMBER 2002** you must refer to the RGs Charting and Reference Maps.

<b>Plan</b>	<b>Surv/Comp</b>	<b>Purpose</b>
DP732019	SURVEY	SUBDIVISION
DP734529	SURVEY	SUBDIVISION
DP738338	SURVEY	SUBDIVISION
DP755227	COMPILATION	CROWN ADMIN NO.
DP755246	COMPILATION	CROWN ADMIN NO.
DP771535	SURVEY	SUBDIVISION
DP771537	SURVEY	SUBDIVISION
DP773865	SURVEY	SUBDIVISION
DP773866	SURVEY	SUBDIVISION
DP776132	SURVEY	SUBDIVISION
DP776922	SURVEY	SUBDIVISION
DP777569	COMPILATION	CONSOLIDATION
DP784716	COMPILATION	DEPARTMENTAL
DP785983	SURVEY	SUBDIVISION
DP787722	SURVEY	SUBDIVISION
DP787993	COMPILATION	CONSOLIDATION
DP788063	SURVEY	SUBDIVISION
DP790212	SURVEY	SUBDIVISION
DP801980	SURVEY	SUBDIVISION
DP803097	SURVEY	SUBDIVISION
DP804013	SURVEY	SUBDIVISION
DP804353	SURVEY	SUBDIVISION
DP808487	SURVEY	SUBDIVISION
DP808942	SURVEY	SUBDIVISION
DP809067	SURVEY	SUBDIVISION
DP809360	SURVEY	SUBDIVISION
DP811099	SURVEY	SUBDIVISION
DP811628	SURVEY	SUBDIVISION
DP811669	SURVEY	SUBDIVISION
DP812888	SURVEY	SUBDIVISION
DP815042	SURVEY	SUBDIVISION
DP815043	SURVEY	SUBDIVISION
DP815439	SURVEY	SUBDIVISION
DP818261	SURVEY	SUBDIVISION
DP826845	SURVEY	SUBDIVISION
DP827476	SURVEY	SUBDIVISION
DP831845	SURVEY	SUBDIVISION
DP833357	SURVEY	SUBDIVISION
DP852402	SURVEY	SUBDIVISION
DP852828	SURVEY	SUBDIVISION
DP854216	SURVEY	SUBDIVISION
DP857439	SURVEY	SUBDIVISION
DP858910	SURVEY	SUBDIVISION
DP860136	COMPILATION	CONSOLIDATION
DP860381	SURVEY	SUBDIVISION
DP862705	SURVEY	SUBDIVISION
DP864578	SURVEY	SUBDIVISION
DP868730	COMPILATION	CONSOLIDATION
DP873171	SURVEY	SUBDIVISION
DP875529	SURVEY	SUBDIVISION
DP876323	SURVEY	SUBDIVISION
DP881013	SURVEY	SUBDIVISION
DP949321	COMPILATION	UNRESEARCHED
DP953627	COMPILATION	UNRESEARCHED
DP1009310	SURVEY	SUBDIVISION
DP1014672	SURVEY	SUBDIVISION
DP1015195	SURVEY	SUBDIVISION
DP1019409	SURVEY	SUBDIVISION
DP1020950	SURVEY	SUBDIVISION
DP1029467	SURVEY	SUBDIVISION
DP1031591	SURVEY	SUBDIVISION
DP1036315	SURVEY	SUBDIVISION
DP1039634	SURVEY	SUBDIVISION
DP1048433	SURVEY	SUBDIVISION
DP1049127	SURVEY	SUBDIVISION
DP1052542	COMPILATION	DEPARTMENTAL

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**ACTIVITY PRIOR TO SEPTEMBER 2002** you must refer to the RGs Charting and Reference Maps.

<b>Plan</b>	<b>Surv/Comp</b>	<b>Purpose</b>
DP1055609	SURVEY	SUBDIVISION
DP1055817	SURVEY	SUBDIVISION
DP1058524	SURVEY	SUBDIVISION
DP1078612	SURVEY	SUBDIVISION
DP1094459	SURVEY	SUBDIVISION
DP1098005	SURVEY	SUBDIVISION
DP1104145	SURVEY	SUBDIVISION
DP1107243	SURVEY	SUBDIVISION
DP1117622	SURVEY	SUBDIVISION
DP1123567	SURVEY	SUBDIVISION
DP1123567	UNRESEARCHED	SUBDIVISION
DP1129244	SURVEY	SUBDIVISION
DP1134128	SURVEY	SUBDIVISION
DP1143271	SURVEY	SUBDIVISION
DP1143508	SURVEY	SUBDIVISION
DP1149939	SURVEY	CROWN FOLIO CREATION
DP1155040	COMPILATION	CROWN LAND CONVERSION
DP1160140	COMPILATION	CONSOLIDATION
DP1169069	COMPILATION	LIMITED FOLIO CREATION
DP1174671	COMPILATION	DEPARTMENTAL
DP1181899	SURVEY	SUBDIVISION
DP1184693	SURVEY	SUBDIVISION
DP1186440	SURVEY	SUBDIVISION
DP1188876	SURVEY	SUBDIVISION
DP1189679	SURVEY	SUBDIVISION
DP1193221	SURVEY	SUBDIVISION
DP1204974	SURVEY	SUBDIVISION
DP1205770	COMPILATION	CROWN LAND CONVERSION
DP1209664	SURVEY	SUBDIVISION
DP1210458	SURVEY	SUBDIVISION
DP1210547	SURVEY	SUBDIVISION
DP1210689	SURVEY	SUBDIVISION
DP1210689	UNRESEARCHED	SUBDIVISION
DP1210708	SURVEY	SUBDIVISION
DP1211483	SURVEY	SUBDIVISION
DP1214507	COMPILATION	CONSOLIDATION
DP1219972	SURVEY	SUBDIVISION
DP1219972	UNRESEARCHED	SUBDIVISION
DP1235596	SURVEY	SUBDIVISION
DP1235596	UNRESEARCHED	SUBDIVISION
DP1244613	SURVEY	RESUMPTION OR ACQUISITION
DP1245999	SURVEY	SUBDIVISION
DP1253160	SURVEY	SUBDIVISION
DP1253160	UNRESEARCHED	SUBDIVISION
DP1254082	SURVEY	REDEFINITION
SP34466	COMPILATION	STRATA PLAN
SP36283	COMPILATION	STRATA PLAN
SP36539	COMPILATION	STRATA PLAN
SP37566	COMPILATION	STRATA PLAN
SP69663	COMPILATION	STRATA PLAN
SP71570	COMPILATION	STRATA PLAN
SP71648	COMPILATION	STRATA PLAN
SP72440	COMPILATION	STRATA PLAN
SP73310	COMPILATION	STRATA PLAN
SP75138	COMPILATION	STRATA PLAN
SP80435	COMPILATION	STRATA PLAN
SP80665	COMPILATION	STRATA PLAN

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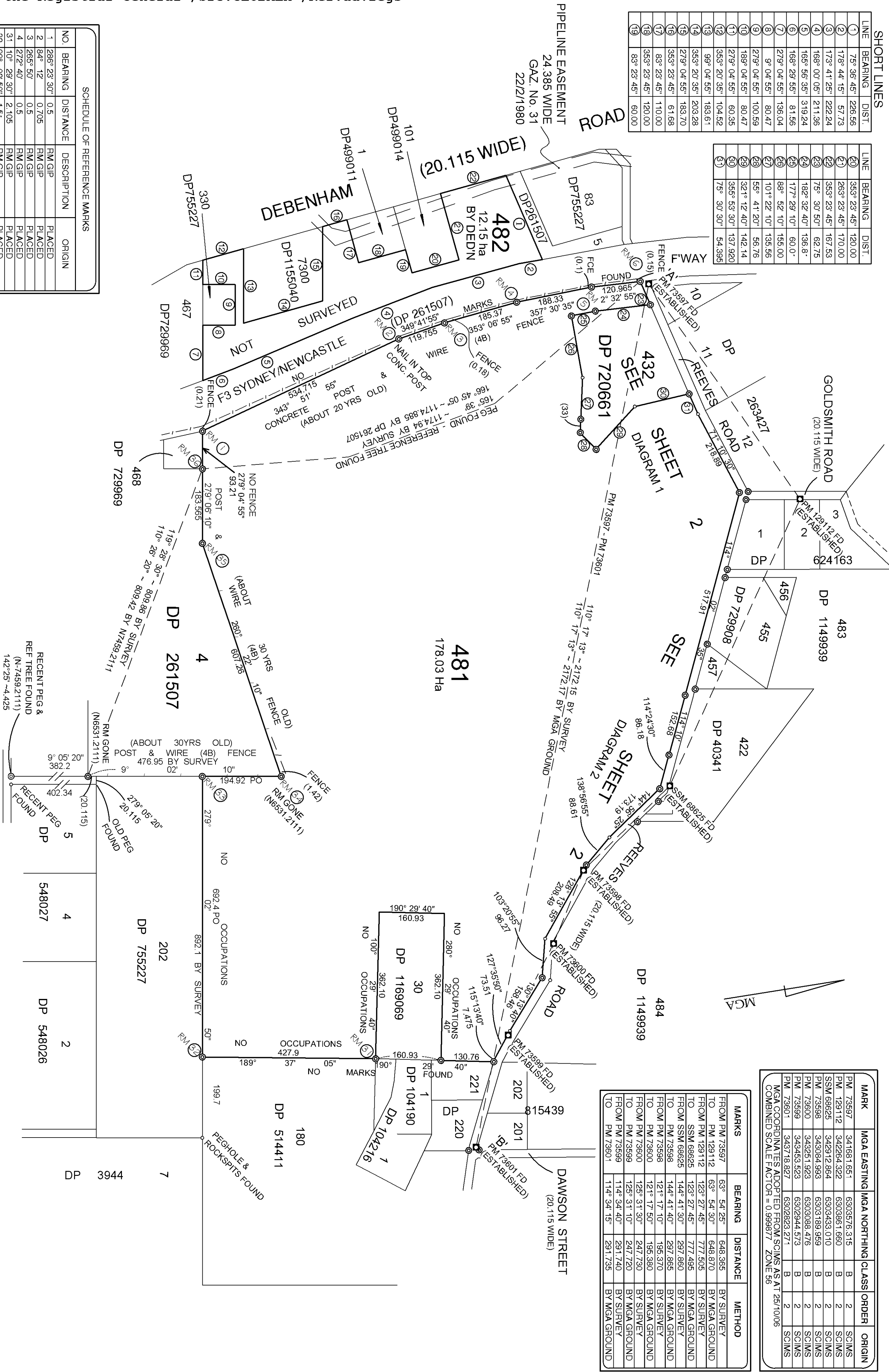
**ACTIVITY PRIOR TO SEPTEMBER 2002** you must refer to the RGs Charting and Reference Maps.

SHORT LINES			
LINE	BEARING	DIST.	
(1)	75° 36' 45"	226.56	
(2)	178° 44' 15"	57.73	
(3)	173° 41' 25"	222.24	
(4)	168° 00' 05"	211.36	
(5)	166° 56' 35"	319.24	
(6)	168° 28' 55"	81.56	
(7)	279° 04' 55"	136.04	
(8)	9° 04' 55"	80.47	
(9)	279° 04' 55"	100.59	
(10)	189° 04' 55"	80.35	
(11)	279° 04' 55"	60.35	
(12)	356° 20' 35"	104.52	
(13)	99° 04' 55"	183.61	
(14)	356° 20' 35"	203.28	
(15)	279° 04' 55"	183.70	
(16)	356° 23' 45"	61.68	
(17)	83° 23' 45"	110.00	
(18)	356° 23' 45"	120.00	
(19)	83° 23' 45"	60.00	

LINE	BEARING	DIST.	
(20)	353° 23' 45"	120.00	
(21)	263° 23' 45"	170.00	
(22)	353° 23' 45"	167.53	
(23)	75° 30' 50"	62.75	
(24)	182° 32' 40"	136.8°	
(25)	177° 29' 10"	60.0°	
(26)	85° 52' 10"	155.00	
(27)	101° 22' 10"	135.56	
(28)	55° 41' 20"	56.76	
(29)	321° 12' 40"	142.14	
(30)	355° 53' 30"	137.920	
(31)	75° 30' 30"	54.395	

LINE	BEARING	DIST
(20)	353° 23' 45"	120.00
(21)	263° 23' 45"	170.00
(22)	353° 23' 45"	167.53
(23)	75° 30' 50"	62.75
(24)	182° 32' 40"	136.8
(25)	177° 39' 10"	60.0-
(26)	88° 52' 10"	155.00
(27)	101° 22' 10"	135.56
(28)	55° 41' 20"	56.76
(29)	321° 12' 40"	142.14
(30)	356° 53' 30"	137.920
(31)	75° 30' 30"	54.385



MARKS	BEARING	DISTANCE	METHOD
FROM PM 73567	63° 54' 25"	648.365	BY SURVEY
TO PM 129 112	63° 54' 30"	648.870	BY MGA GROUND
FROM PM 129 112	123° 27' 45"	777.505	BY SURVEY
TO SSM 68625	123° 27' 45"	777.495	BY MGA GROUND
FROM SSM 68625	144° 41' 30"	297.860	BY SURVEY
TO PM 73598	144° 41' 40"	297.865	BY MGA GROUND
FROM PM 73598	121° 17' 10"	196.370	BY SURVEY
TO PM 73600	121° 17' 50"	196.380	BY MGA GROUND
FROM PM 73600	126° 31' 30"	247.730	BY SURVEY
TO PM 73699	126° 31' 10"	247.720	BY MGA GROUND
FROM PM 73699	114° 34' 40"	291.740	BY SURVEY
TO PM 73601	114° 34' 15"	291.735	BY MGA GROUND

MARK	MGA EASTING	MGA NORTHING	CLASS	ORDER	ORIGIN
PM 73697	341661.661	6303676.315	B	2	SCIMS
PM 129112	342264.322	6303861.660	B	2	SCIMS
SSM 68625	342912.964	6303463.010	B	2	SCIMS
PM 73698	343084.983	6303189.959	B	2	SCIMS
PM 73600	343291.923	6303088.476	B	2	SCIMS
PM 73699	343458.523	6302944.573	B	2	SCIMS
PM 73601	343718.827	6302892.271	B	2	SCIMS

MGA COORDINATES ADOPTED FROM SCIMS AS AT 25/10/06  
COMBINED SCALE FACTOR = 0.999877 ZONE 56

SCHEDULE OF REFERENCE MARKS				
NO.	BEARING	DISTANCE	DESCRIPTION	ORIGIN
1	286° 23' 30"	0.5	RM GIP	PLACED
2	84° 12'	0.705	RM GIP	PLACED
3	265° 50'	0.5	RM GIP	PLACED
4	272° 40'	0.5	RM GIP	PLACED
31	10° 29' 30"	2.105	RM GIP	PLACED
32	99° 02' 50"	1.5-	RM GIP	PLACED
33	23° 45'	3.865	RM GIP	PLACED
34	236° 56'	0.965	RM GIP	PLACED
35	132° 45'	0.59	RM GIP	PLACED
36	257° 09' 10"	4.225	REF. TREE	N 6631.2111

Surveyor : IAN LLOYD HARVEY  
Date of Survey : 12/02/2007  
Surveyor's Ref : 2006/190 REPORT  
Reduction Ratio: 1:6000

PLAN OF SUBDIVISION  
OF LOT 102 IN DP499014

LGA: GOSFORD  
Locality: SOMERSBY  
Subdivision No: ———  
Lengths are in metres.

Registered  
26.6.2013

DP 1184693 ⑤



LINE	BEARING	DIST.
①	75° 36' 50"	62.75
②	177° 29' 10"	60.0
③	55° 41' 20"	56.76
④	355° 53' 30"	137.920
⑤	75° 30' 30"	54.395
⑥	114° 24' 30"	86.18
⑦	144° 56' 25"	29.97
⑧	144° 56' 25"	45.0
⑨	138° 56' 50"	88.605
⑩	103° 20' 55"	96.27
⑪	127° 35' 50"	73.5

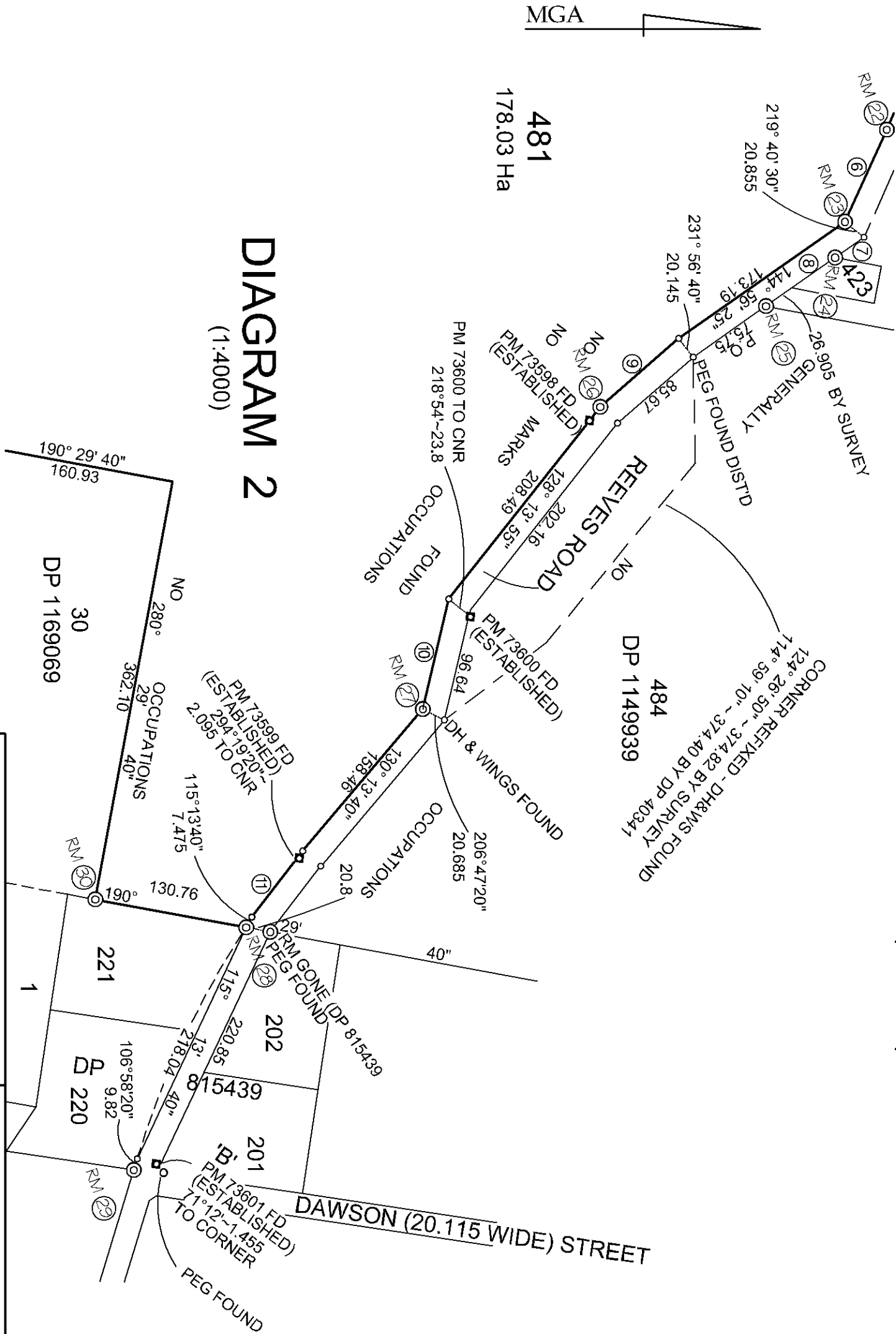


DIAGRAM 1  
(1:4000)

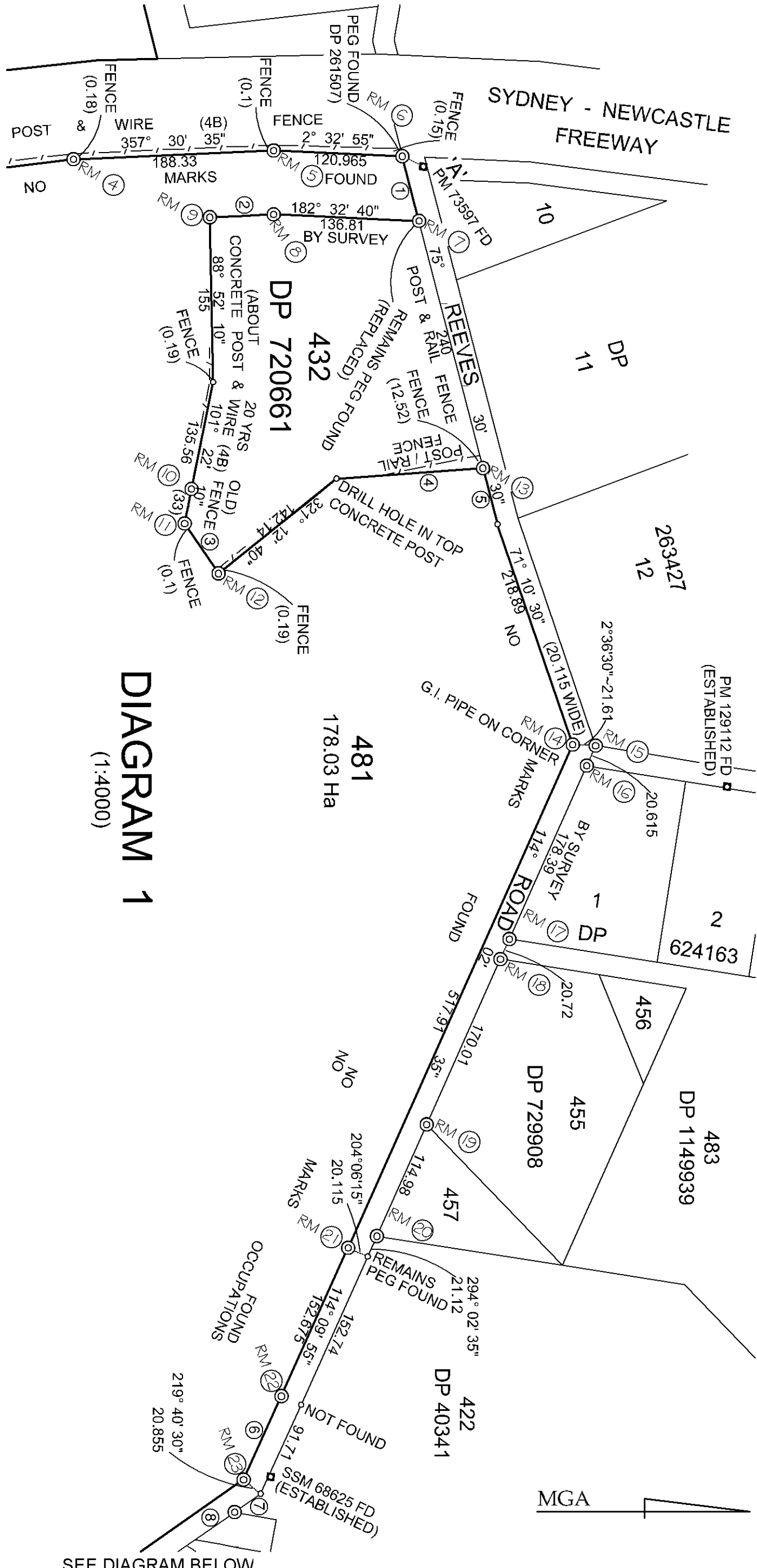


DIAGRAM 2  
(1:4000)

SCHEDULE OF REFERENCE MARKS			
NO.	BEARING	DISTANCE	DESCRIPTION
4	272° 40'	0.5	RM GIP
5	272° 21'	0.5	RM GIP
6	206° 10'	21.84	PM 73597
7	174° 41'	17.995	RM GIP
8	177° 30'	2.02	RM GIP
9	88° 52' 30"	1.5	RM GIP
10	89° 06'	6.76	REF. TREE
11	337° 22' 40"	0.4	RM GIP
12	321° 12' 30"	0.5	RM GIP
13	175° 53' 30"	1.0	RM GIP
14	40° 27'	5.205	RM GIP
15	9° 06' 50"	1.005	RM GIP
16	9° 33' 30"	0.605	RM GIP
17	8° 54' 30"	0.605	RM GIP
18	188° 54'	1.585	RM GIP
19	146° 05'	0.945	RM GIP
20	4° 07'	0.935	RM GIP
21	328° 36'	1.0	RM GIP
22	94° 52'	0.5	RM GIP
23	21° 10'	1.0	RM GIP
24	54° 56'	1.0	RM GIP
25	54° 56'	1.0	RM GIP
26	350° 29'	1.0	RM GIP
27	62° 00'	1.0	RM GIP
28	190° 29' 30"	0.5	RM GIP
29	143° 34' 30"	1.5	RM GIP
30	186° 10'	13.42	RM GIP

Surveyor : IAN LLOYD HARVEY  
Date of Survey : 12/02/2007  
Surveyor's Ref : 2006/190 REPORT  
Reduction Ratio: 1:4000

LGA: GOSFORD  
Locality : SOMERSBY  
Subdivision No: \_\_\_\_\_  
Lengths are in metres.

Registered  
26.6.2013

DP 1184693




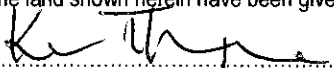
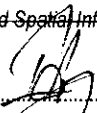
PLAN FORM 6

WARNING: Creasing or folding will lead to rejection

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DEPOSITED PLAN ADMINISTRATION SHEET

Sheet 1 of 2 sheet(s)

<p>Registered:  26.6.2013</p> <p>Title System: TORRENS</p> <p>Purpose: SUBDIVISION</p>	<p>Office Use Only</p> <p>Office Use Only</p> <p><b>DP1184693</b></p>												
<p>PLAN OF SUBDIVISION OF LOT 102 IN DP499014</p>	<p>LGA: GOSFORD</p> <p>Locality: SOMERSBY</p> <p>Parish: GOSFORD</p> <p>County: NORTHUMBERLAND</p>												
<p>Crown Lands NSW/Western Lands Office Approval</p> <p>I, <u>KEVIN THOMPSON</u> (Authorised Officer) in approving this plan certify that all necessary approvals in regard to the allocation of the land shown herein have been given.</p> <p>Signature: <u></u></p> <p>Date: <u>4 MARCH 2013</u></p> <p>File Number: <u>3527586 (ALC 980)</u></p> <p>Office: <u>MAITLAND</u></p>	<p><b>Survey Certificate</b></p> <p>I, <u>IAN LLOYD HARVEY</u></p> <p>of <u>CHASE BURKE &amp; HARVEY</u> <u>16 HUNTER STREET, HORNSBY NSW</u> a surveyor registered under the Surveying and Spatial Information Act 2002, certify that:</p> <p>* (a) <del>The land shown in the plan was surveyed in accordance with the</del> <del>Surveying and Spatial Information Regulation 2012, is accurate and the</del> <del>survey was completed on 8/01/13</del></p> <p>* (b) The part of the land shown in the plan (*being/*excluding ^ <u>LOT 481</u> .....)</p>												
<p><b>Subdivision Certificate</b></p> <p>I, .....</p> <p>Authorised Person/*General Manager/*Accredited Certifier, certify that the provisions of s.109J of the <i>Environmental Planning and Assessment</i> <i>Act 1979</i> have been satisfied in relation to the proposed subdivision, new road or reserve set out herein.</p> <p>Signature: .....</p> <p>Accreditation number: .....</p> <p>Consent Authority: .....</p> <p>Date of Endorsement: .....</p> <p>Subdivision Certificate number: .....</p> <p>File number: .....</p> <p>*Strike through if inapplicable</p>	<p>was surveyed in accordance with the <i>Surveying and Spatial Information</i> <i>Regulation 2012</i>, is accurate and the survey was completed on, <u>12/02/07</u> the part not surveyed was compiled in accordance with that Regulation.</p> <p>* (c) <del>The land shown in this plan was compiled in accordance with the</del> <del>Surveying and Spatial Information Regulation 2012</del></p> <p>Signature <u></u> Dated: <u>8/01/13</u></p> <p>Surveyor ID: <u>1267</u></p> <p>Datum Line: <u>'A - B' PM 73597 - PM 73601</u></p> <p>Type: <u>*Urban/*Rural</u></p> <p>The terrain is <u>*Level-Undulating/*Steep Mountainous</u></p> <p>*Strike through if inapplicable *Specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey.</p>												
<p>Statements of intention to dedicate public roads, public reserves and drainage reserves.</p> <p>THE PLAN IS EXEMPT FROM SUBDIVISION CERTIFICATE UNDER SECTION <del>23G(b)</del> OF THE CONVEYANCING ACT, 1919. <u>AL</u> <u>23G(k)</u></p>	<p><b>Plans used in the preparation of survey/compilation</b></p> <table border="0"> <tr> <td>DP 499014</td> <td>R 3526.1603</td> </tr> <tr> <td>DP 261507</td> <td>Ms 3038.3070</td> </tr> <tr> <td>DP 261772</td> <td>DP 624163</td> </tr> <tr> <td>DP 257163</td> <td>DP 104190</td> </tr> <tr> <td>DP 263427</td> <td>DP 104216</td> </tr> <tr> <td>DP 729908</td> <td>DP 514811</td> </tr> </table> <p>If space is insufficient continue on PLAN FORM 6A</p>	DP 499014	R 3526.1603	DP 261507	Ms 3038.3070	DP 261772	DP 624163	DP 257163	DP 104190	DP 263427	DP 104216	DP 729908	DP 514811
DP 499014	R 3526.1603												
DP 261507	Ms 3038.3070												
DP 261772	DP 624163												
DP 257163	DP 104190												
DP 263427	DP 104216												
DP 729908	DP 514811												
<p>Signatures, Seals and Section 88B Statements should appear on PLAN FORM 6A</p>	<p>Surveyor's Reference: 2006/190</p>												

PLAN FORM 6A (2012)

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DEPOSITED PLAN ADMINISTRATION SHEET

Sheet 2 of 2 sheet(s)

Registered:  26.6.2013

Office Use Only

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DP1184693

PLAN OF SUBDIVISION OF  
LOT 102 IN DP499014

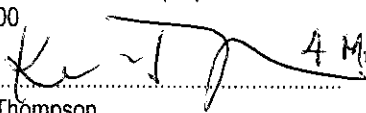
This sheet is for the provision of the following information as required:

- A schedule of lots and addresses - See 60(c) SSI Regulation 2012
- Statements of intention to create and release affecting interests in accordance with section 88B Conveyancing Act 1919
- Signatures and seals - see 195D Conveyancing Act 1919
- Any information which cannot fit in the appropriate panel of sheet 1 of the administration sheets.

Subdivision Certificate no:

Date of Endorsement:

Certified correct for the purposes of the Real Property  
Act 1900

  
Kevin Thompson

Senior Surveyor, Crown Lands Trade & Investment

By delegation pursuant to section 180 of the Crown  
Lands Act 1989 and with the authority under section 13L  
of the Real Property Act 1900 from the Minister  
administering the Crown Lands Act 1989 on behalf of  
the state of New South Wales

SEC. 60(C) SSI REGULATION 2012

THERE ARE NO ADDRESSES FOR LOTS 481 AND 482  
OF THIS PLAN

If space is insufficient use additional annexure sheet

Surveyor's Reference: 2006/190

[11878]

Department of Lands,  
Sydney, 1st June, 1901.**RESERVE FROM SALE FOR RIFLE RANGE.**

**H**IS Excellency the Lieutenant-Governor, with the advice of the Executive Council, directs it to be notified that, in pursuance of the provisions of the 101st section of the Crown Lands Act of 1884, the land hereunder described shall be reserved from sale pending determination of the portion to be set apart for rifle range, and is hereby reserved accordingly.

W. P. CRICK.

**EASTERN DIVISION.****LAND DISTRICT OF LISMORE.**

No. 32,784. County of Rous, parish of Ballina, containing an area of about 58 acres. The Crown Lands within the following boundaries:—Commencing at the easternmost corner of allotment 5 of section 8, being also the southernmost corner of reserve 605 in the town of Ballina; thence by a line bearing south 5 degrees 0 minutes west to the northern foot of the northern breakwater wall at the entrance to the Richmond River; thence along the foot of that wall south-easterly to a point 12 chains in rectangular distance from the line bearing south 5 degrees 0 minutes west aforesaid; thence by a line bearing north 5 degrees 0 minutes east to the south-west boundary of Richmond Park; thence by that boundary and the south-west end of Bent-street and a south-eastern boundary of reserve 605 bearing north-west, west, and south-west respectively, to the point of commencement.

[Ms. 1901-2,985 Dep.]

[11879]

Department of Lands,  
Sydney, 1st June, 1901.**RESERVE FROM SALE FOR TEMPORARY COMMON FOR THE USE OF THE RESIDENTS AT HOWELL.**

**H**IS Excellency the Lieutenant-Governor, with the advice of the Executive Council, directs it to be notified that, in pursuance of the provisions of the 101st section of the Crown Lands Act of 1884, the land hereunder described shall be reserved from sale for temporary common for the use of the residents at Howell, and is hereby reserved accordingly.

W. P. CRICK.

**EASTERN DIVISION.****LAND DISTRICT OF INVERELL.**

Partly within Resumed Area No. 747, and partly within annual leases 94-35 (No. 15,596), 1,280 acres, and 94-38 (No. 15,599), 1,920 acres, of 10th February, by Edwin Grainger.

No. 32,807. County of Hardinge, parishes of Mayo and Aston, containing an area of about 1,600 acres. The Crown Lands within the following boundaries:—Commencing at the south-west corner of portion 1, parish of Mayo; and bounded thence by a line south 40 chains; thence by a line east 120 chains; thence by a line north to the southern side of the track from the village of Howell to Tingha; thence by part of that side of that track westerly to the east boundary of reserve 31,917 for travelling stock and camping, notified 18th January, 1901; thence by part of the east and south boundaries of that reserve south and west to a point north of the north-west corner of portion 1 aforesaid; thence by a line south to that corner; and thence by the north, east, and south boundaries of that portion, to the point of commencement.

Reserved from license and annual lease as No. 32,808 this day.

[Ms. 1901-3,326 Dep.]

[11881]

Department of Lands,  
Sydney, 1st June, 1901.**RESERVES FROM SALE FOR TRAVELLING STOCK AND CAMPING.**

**H**IS Excellency the Lieutenant-Governor, with the advice of the Executive Council, directs it to be notified that, in pursuance of the provisions of the 101st section of the Crown Lands Act of 1884, the land hereunder described shall be reserved from sale pending determination of the portions to be set apart for travelling stock and camping, and is hereby reserved accordingly.

W. P. CRICK.

**CENTRAL DIVISION.****LAND DISTRICT OF WARRIALDA.**

Within the leasehold area of Gineroi Holding No. 140.

No. 32,780. County of Burnett, parish of Singapoora, containing an area of about 47 acres. The Crown Lands within the following boundaries: Commencing at the south extremity of the west boundary of portion 7; and bounded thence by a line bearing north-easterly parallel to the south-east boundary of portion 10 to the left bank of the Gwydir or Big River; thence by that river downwards to the north-west corner of portion 7 aforesaid; and thence by the west boundary of that portion south, to the point of commencement.

[Ms. 1901-2,465 Dep.]

Within the leasehold area of Gineroi Holding No. 140.

No. 32,781. County of Burnett, parish of Singapoora, containing an area of about 180 acres. The Crown Lands within the following boundaries: Commencing at the north west corner of portion 17; and bounded thence by a line bearing north 20 chains; thence by a line bearing west about 91 chains to the east boundary of travelling stock reserve 21,688, notified 27th October, 1894; thence by part of that boundary south to a point west from the north-west corner of portion 18; and thence by a line and the northernmost boundary of portion 18 bearing east, to the point of commencement.

NOTE.—The above includes part of water reserve 92, revoked this day.

[Ms. 1901-2,465 Dep.]

Within the leasehold area of Gineroi Holding No. 140.

No. 32,782. County of Burnett, parish of Singapoora, containing an area of about 360 acres. The Crown Lands within the following boundaries: Commencing at the north-west corner of portion 17; and bounded thence by a line bearing north 40 chains; thence by a line bearing east to the left bank of the Gwydir or Big River; thence by that river upwards to the north-east corner of portion 17 aforesaid, at a gum-tree marked broad-arrow over W.R.; and thence by the north boundary of that portion bearing west, to the point of commencement.

Includes parts of water reserve 92, and travelling stock and camping reserve 662, cancelled this day.

[Ms. 1901-2,465 Dep.]

**WESTERN DIVISION.****LAND DISTRICT OF BALRANALD.**

Partly within the leasehold and resumed areas of Clare Holding No. 51.

No. 32,701. County of Manara, parish of Younga South, containing an area of about 2,000 acres. The Crown Lands within the following boundaries: Commencing at the intersection of the eastern boundary of travelling stock reserve 4, notified 26th June, 1886, with the track from Balranald to Ivanhoe, being a point about 15 chains southerly from the 12-mile post on the south-eastern boundary of that travelling stock reserve; and bounded thence by that track bearing generally north-easterly to the south-western boundary of travelling stock reserve 9,475, notified 10th August, 1889; thence by part of that boundary bearing north-westerly to its intersection with a line parallel with and rectangularly distant north-westerly 80 chains from the track aforesaid; thence by that parallel line bearing generally south-westerly to a point west of the point of commencement; and thence by a line bearing easterly, to that point; includes part of travelling, stock reserve 4, notified 26th June, 1886.

[Ms. 1901-2,793 Dep.]

[11889]

Department of Lands,  
Sydney, 1st June, 1901.**RESERVE FROM LEASE GENERALLY FOR WATER SUPPLY.**

**H**IS Excellency the Lieutenant-Governor, with the advice of the Executive Council, directs it to be notified that, in pursuance of the provisions of the 39th section of the Crown Lands Act of 18-9, the land hereunder described shall be and is hereby temporarily reserved and exempted from lease generally for water supply.

W. P. CRICK.

**EASTERN DIVISION.****LAND DISTRICT OF GOSFORD.**

Partly within the population area of Gosford.

No. 32,791. County of Northumberland, parish of Gosford, containing an area of about 800 acres. The Crown Lands within the following boundaries: Commencing at the south-west corner of portion 180, part of R. H. Penson's grant of 800 acres; and bounded thence by part of the west boundary of that portion north to the south-west side of a surveyed road 1 chain wide (plan catalogued R. 3,526-1,603, sheet 1); thence by that side of that road generally westerly to the north-east side of a road 1 chain wide separating the area from portions 91, 58, 59, and part of 60; thence by that side of that south-easterly to the westernmost corner of portion 67; thence by south-western boundaries of that portion, its south-east boundary, the south boundary of portion 66, a line partly forming an east boundary thereof, to the south boundary of portion 202; thence by part of that boundary of that portion, its east boundary, and part of its north boundary east, north, and west, to the point of commencement,—includes measured portions 66, 67, and 202,—shown on plan catalogued M. 3,449-2,111 Roll.

Reserved from sale as No. 32,790, notified this day.

[Ms. 1901-2,565 Dep.]



[11886]

Department of Lands,  
Sydney, 1st June, 1901.**RESERVES FROM SALE OR LEASE OTHER THAN  
ADDITIONAL CONDITIONAL PURCHASE OR  
CONDITIONAL LEASE.**

**H**IS Excellency the Lieutenant-Governor, with the advice of the Executive Council, directs it to be notified that, in pursuance of the provisions of the 39th section of the Crown Lands Act of 1889, the land hereunder described shall be and is hereby temporarily reserved and exempted from sale or lease other than additional conditional purchase or conditional lease.

W. P. CRICK.

**CENTRAL DIVISION.****LAND DISTRICT OF BARMEDMAN.**

No. 32,725. County of Bland, parishes of Culingerai, Mandamah, and Therarbung, containing an area of about 10,800 acres. The Crown Lands within the following boundaries: Commencing at the south-west corner of portion 57, parish of Culingerai; and bounded thence by the south-west boundaries of that portion and portion 56 bearing north-westerly, and by the north boundary of the latter portion east to its north-east corner; thence by part of the south-western side of the road 3 chains wide from Barmedman to Temora bearing north-westerly to meet the west prolongation of the south boundary of portion 7, parish of Gidgingidginbung; thence by that prolongation east to the south-west corner of that portion; thence by the north-west boundaries of that portion and of portion 40, parish of Therarbung, bearing north-easterly, by a north boundary of the last-mentioned portion east, and by part of a west boundary north, to meet the east prolongation of the south boundary of portion 15; thence by that prolongation, by that south boundary, and by the north boundary of Mandamah Pastoral Holding No. 541 bearing westerly to the south-west corner of portion 126, parish of Mandamah; thence by the south-eastern side of a road 3 chains wide bearing south-westerly to a north-west corner of portion 122; thence by the boundaries of that portion bearing east, south, and again east to its easternmost north-east corner; thence by the dividing-line of Mandamah Pastoral Holding bearing east, north, and again east, to the point of commencement,—but exclusive of portion 7 of 100 acres, parish of Therarbung.

[Ms. 1901-1,720 Dep.]

**LAND DISTRICT OF BINGARA.**

Within Derra Derra Holding, resumed areas Nos. 281 and 281A.

No. 32,838. County of Murchison, parish of Rider, containing an area of 3,635 acres. The Crown Lands within the boundaries of measured portions 37 of 270 acres, exclusive of road, 38 of 90 acres, 39 of 578 acres, exclusive of roads, 40 of 1,210 acres, exclusive of roads, 41 of 459 acres, exclusive of road, 42 of 557 acres, exclusive of road, and 44 of 471 acres,—as shown on plans catalogued M. 1,783, 1,784, 1,785, 1,786 Roll, 1,787 Roll, 1,788 Roll, and 1,790-1,789 Roll, respectively.

[Ms. 1901-622 Dep.]

Within Derra Derra Holding, resumed area No. 281A.

No. 32,839. County of Murchison, parish of Derra Derra, containing an area of 995 acres. The Crown Lands within the boundaries of measured portions 101 of 640 acres, ex roads and 102 of 355 acres, ex. road,—as shown on plans catalogued M. 1,780 and 1,781-1,789 respectively.

[Ms. 1901-622 Dep.]

**LAND DISTRICT OF FORBES.**

Within Weelong Holding, resumed area No. 65A.

No. 32,787. County of Forbes, parish of Bundaburrah, containing an area of 1,285 acres. The Crown Lands within the boundaries of measured portions 196 of 322 acres and 198 of 963 acres,—as shown on plan catalogued F. 2,946-1,787.

The above is in lieu of part of classification reserve, revoked this day.

[Ms. 1901-2,972 Dep.]

**LAND DISTRICT OF HILLSTON.**

No. 32,767. County of Dowling, parish of Lachlan, containing an area of 932½ acres. The Crown Lands within the boundaries of measured portions 25 of 123 acres, 29 of 161½ acres, 30 of 161½ acres, 31 of 161½ acres, 32 of 324½ acres, and 39 of 51½ acres,—as shown on plan catalogued D. 145-1,841 Roll.

Includes part of Homestead Selection Areas Nos. 199 and 697, revoked this day, and is identical with area set apart this day for conditional purchase or conditional lease.

[Ms. 1901-3,171 Dep.]

**LAND DISTRICT OF MOREE.**

Within the resumed area of Yarrawah Holding No. 331.

No. 32,704. County of Benarba, parish of Hamilton, containing an area of 4,563 acres. The Crown Lands within

the boundaries of measured portion 14,—as shown on plan catalogued B. 1,319-1,909 Roll, but exclusive of travelling stock reserve No. 1,292, notified 24th September, 1883.

**N**OTE.—The abovementioned portion has been set apart this day, under section 10, Crown Lands Act of 1895, for conditional purchase or conditional lease, at the price named in such notification.

[Ms. 1901-2,034 Dep.]

[11882]

Department of Lands,  
Sydney, 1st June, 1901.**RESERVES FROM SALE FOR WATER SUPPLY.**

**H**IS Excellency the Lieutenant-Governor, with the advice of the Executive Council, directs it to be notified that, in pursuance of the provisions of the 101st section of the Crown Lands Act of 1884, the land hereunder described shall be reserved from sale pending determination of the portions to be set apart for water supply, and is hereby reserved accordingly.

W. P. CRICK.

**EASTERN DIVISION.****LAND DISTRICT OF GOSFORD.**

Partly within the Gosford population area.

No. 32,790. County of Northumberland, parish of Gosford containing an area of about 800 acres. The Crown Lands within the following boundaries: Commencing at the south-west corner of portion 180, part of R. H. Penson's grant of 800 acres; and bounded thence by part of the west boundary of that portion north to the south-west side of a surveyed road 1 chain wide (plan catalogued R. 3,526-1,603, sheet 1); thence by that side of that road generally westerly to the north-east side of a road 1 chain wide separating the area from portions 91, 58, 59, and part of 60; thence by that side of that road south-easterly to the westernmost corner of portion 67; thence by south-western boundaries of that portion, its south-east boundary, the south boundary of portion 66, a line partly forming an east boundary thereof to the south boundary of portion 202; thence by part of that boundary of that portion, its east boundary, and part of its north boundary east, north, and west, to the point of commencement,—includes measured portions 66, 67, and 202, shown on plan catalogued M. 3,449-2,111 Roll.

Reserved from lease as No. 32,791, notified this day.

[Ms. 1901-2,565 Ind.]

**LAND DISTRICT OF GRAFTON.**

No. 32,769. County of Clarence, parish of Richmond, containing an area of 4 acres 1 rood 10 perches. The Crown Lands within the following boundaries: Commencing at a point bearing north 34 degrees 21 minutes west 13 chains 38 links from the south-eastern corner of portion 24; and bounded thence by lines bearing north 7 chains 94 links, west 6 chains, south 7 chains respectively to the north side of a road 1 chain wide; and thence by that side of that road and its north-eastern side, bearing east 3 chains 57 links, and south 68 degrees 51 minutes east 2 chains 61 links respectively, to the point of commencement,—as shown on plan catalogued C. 1,894-1,577.

[Ms. 1901-2,593 Dep.]

**LAND DISTRICT OF INVERELL.**

No. 32,720. County of Hardinge, parish of Mayo, village of Copeton, containing an area of 1 rood. The Crown Lands within the boundaries of allotment No. 4 of section 11, village of Copeton,—as shown on plan catalogued Copeton 4.

[Aln. 1901-3,999]

**CENTRAL DIVISION.****LAND DISTRICT OF DUBBO.**

Within the leasehold area of Wambangalang Holding No. 600 notified 31st July, 1885.

No. 32,770. County of Gordon, parishes of Caloma and Oxley, containing an area of about 217 acres. The Crown Lands within the following boundaries: Commencing on the left bank of Belowrie Creek at a point north of the north-west corner of portion 11 of 100 acres, parish of Caloma; and bounded thence on part of the west by a line bearing north 53 chains; thence on the north by a line bearing east to the Belowrie Creek; thence by that creek upwards to a point north of the north-east corner of portion 12 of 66 acres; thence on the east by a line crossing Belowrie Creek and part of the west boundary of portion 13 of 40 acres, bearing south to the north-east corner of portion 12; thence on the south by the north boundary of that portion bearing west to the east boundary of portion 11 of 100 acres; thence on part of the west by that east boundary and its prolongation bearing north to the left bank of Belowrie Creek aforesaid; and thence by that upwards, to the point of commencement.

The above includes part of water reserve 29,537, notified 8th July, 1899, and revoked this day.

[Ms. 1901-2,760 Dep.]

## RESERVE FROM SALE

IN pursuance of the provisions of section 28, Crown Lands Consolidation Act 1913, I declare that the Crown land described hereunder shall be reserved from sale for the public purpose specified and such land is reserved accordingly.

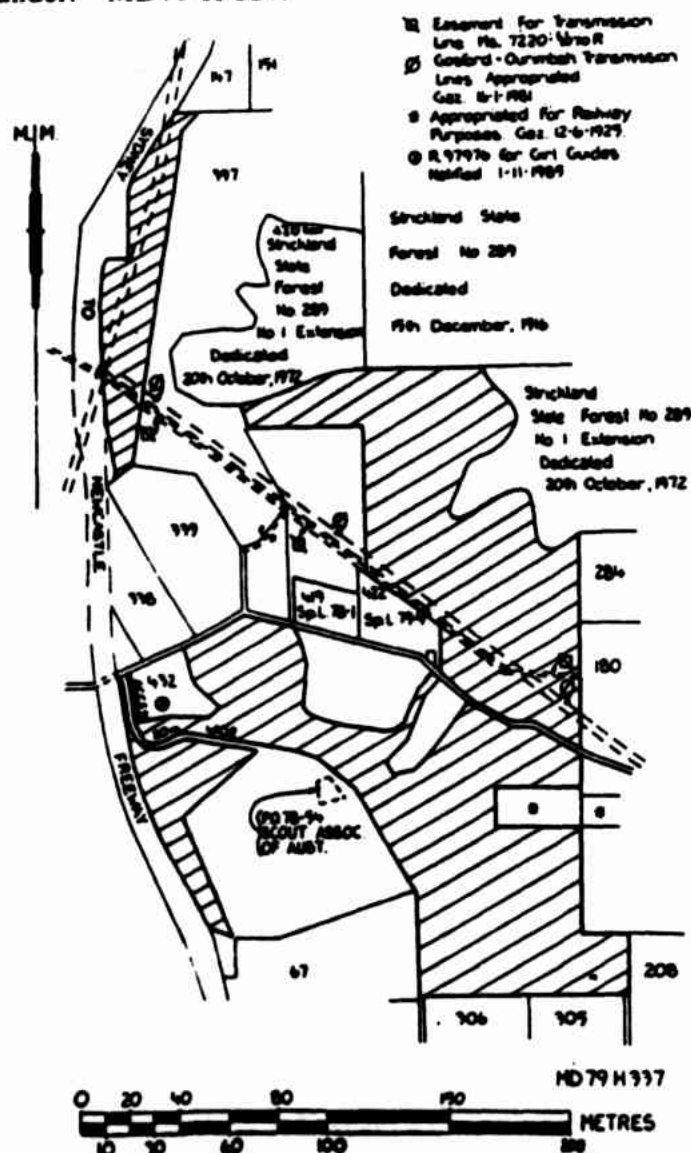
J. R. HALLAM, Minister for Lands.

Sydney, 10th July, 1987.

## FOR PUBLIC RECREATION, PRESERVATION OF NATIVE FLORA AND PRESERVATION OF FAUNA

*Land District and City—Gosford*

No. 170044. Parish Gosford, County Northumberland, about 260 hectares at Somersby, shown by hatching on diagram hereunder. MD79 H 337.



**NOWRA LANDS OFFICE**  
64 North Street  
P.O. Box 309  
Ph. (044) 219 919  
FAX (044) 21 9977

(9076)

## NOTIFICATION OF CLOSING OF A ROAD

IN pursuance of the provisions of the Public Roads Act 1902, the road hereunder specified is closed and the land comprised therein is freed and discharged from any rights of the public or any person to the same as highways.

J. R. HALLAM, Minister for Lands.

Sydney, 10th July, 1987.

*Land District—Kiama; City—Wollongong*

The Council of the City of Wollongong. Lot 1 in D.P. 723090 at Primbee. Parish Wollongong, County Camden. NA87 H 3.

## APPOINTMENT OF TRUSTEES

IN pursuance of the provisions of section 370, Crown Lands Consolidation Act 1913, the undermentioned persons are appointed to be trustees of the reserves particularised hereunder for the terms shown.

J. R. HALLAM, Minister for Lands.

Sydney, 10th July, 1987.

*Land District—Nowra; City—Shoalhaven  
Parish—Ulladulla; County—St Vincent*

Reserve 95755 for Preservation of Native Flora at Ulladulla, notified 24th December, 1981. New trustee appointed: Geoffrey Charles Wray, appointed for a term commencing 26th May, 1987, and expiring 31st March, 1991. NA82 R 5.

## NOTIFICATION OF CLOSING OF ROADS

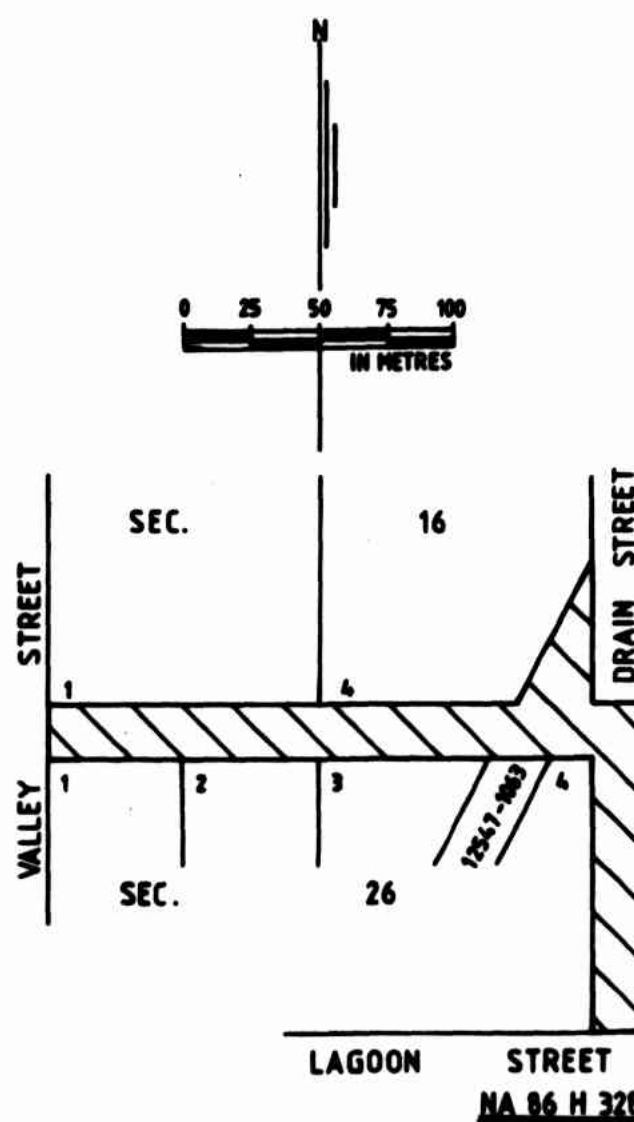
IN pursuance of the provisions of the Public Roads Act 1902, I propose to consider the closing of the roads hereunder described. All persons interested are hereby called upon to set forth in writing and forward to the officer specified in the notice for the purpose, within one month from the date of publication of this notice, any objections which may appear to them to exist to these proposals.

J. R. HALLAM, Minister for Lands.

Sydney, 10th July, 1987.

*Land District—Bega; Shire—Bega Valley*

The Bega Co-operative Society Ltd. The parts of Ridge and Drain Streets at Bega, as shown by hatching on diagram hereunder. Parish Bega, County Auckland. Objections should be forwarded to the Regional Manager, Lands Office, Nowra. NA86 H 328.





NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

4/12/2019 11:22AM

FOLIO: 102/499014

First Title(s): THIS FOLIO

Prior Title(s): CROWN LAND

Recorded	Number	Type of Instrument	C.T. Issue
8/6/2012	CA162079	CONVERSION ACTION	FOLIO CREATED CT NOT ISSUED
15/11/2012	AH368320	DEPARTMENTAL DEALING	
26/6/2013	DP1184693	DEPOSITED PLAN	FOLIO CANCELLED

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

advlegs

PRINTED ON 4/12/2019



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

4/12/2019 11:22AM

FOLIO: 481/1184693

First Title(s): THIS FOLIO

Prior Title(s): 102/499014

Recorded	Number	Type of Instrument	C.T. Issue
26/6/2013	DP1184693	DEPOSITED PLAN	FOLIO CREATED CT NOT ISSUED
6/2/2014	AI346284	REQUEST	EDITION 1

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

advlegs

PRINTED ON 4/12/2019





NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 481/1184693

SEARCH DATE	TIME	EDITION NO	DATE
4/12/2019	11:20 AM	1	6/2/2014

LAND

LOT 481 IN DEPOSITED PLAN 1184693  
AT SOMERSBY  
LOCAL GOVERNMENT AREA CENTRAL COAST  
PARISH OF GOSFORD COUNTY OF NORTHUMBERLAND  
TITLE DIAGRAM DP1184693

FIRST SCHEDULE

DARKINJUNG LOCAL ABORIGINAL LAND COUNCIL (R AI346284)

SECOND SCHEDULE (1 NOTIFICATION)

1 AI346284 SUBJECT TO CONDITIONS IN MEMORANDUM AI55778.  
RESTRICTIONS ON DEALINGS AND PLANS - SEE PART 2,  
DIVISION 4 ABORIGINAL LAND RIGHTS ACT 1983 (THIS IS  
NOT AFFECTED BY SECTION 42). ANY DEALING OR PLAN MUST  
BE ACCOMPANIED BY A REGISTRATION APPROVAL CERTIFICATE  
OR A STATEMENT OF NON REQUIREMENT.

NOTATIONS

REFER ALL DEALINGS AND PLANS TO SD31 AND THE LEGAL DIVISION

UNREGISTERED DEALINGS: NIL

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

advlegs

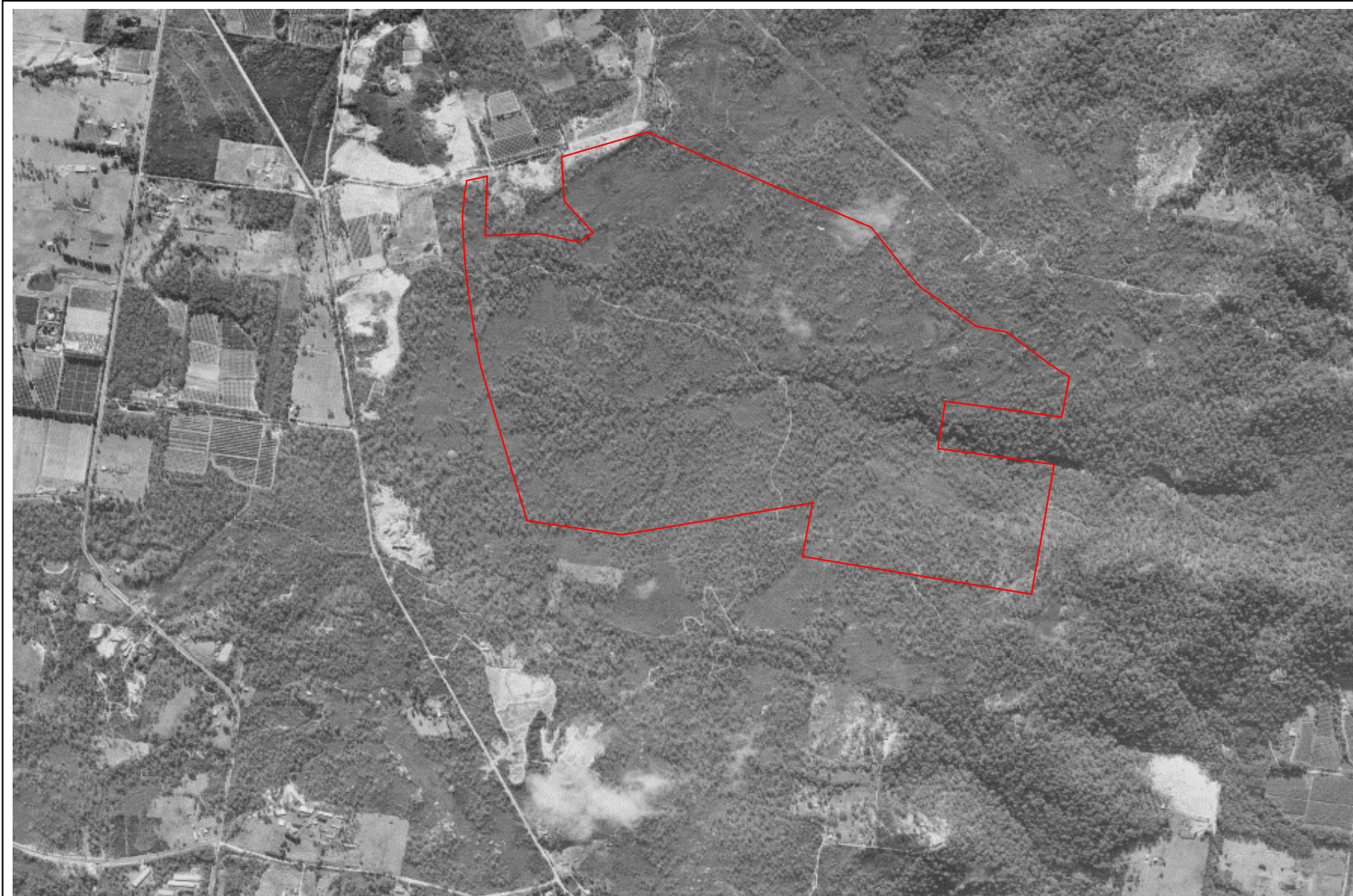
PRINTED ON 4/12/2019

## **APPENDIX D:**

### **Aerial Photographs**







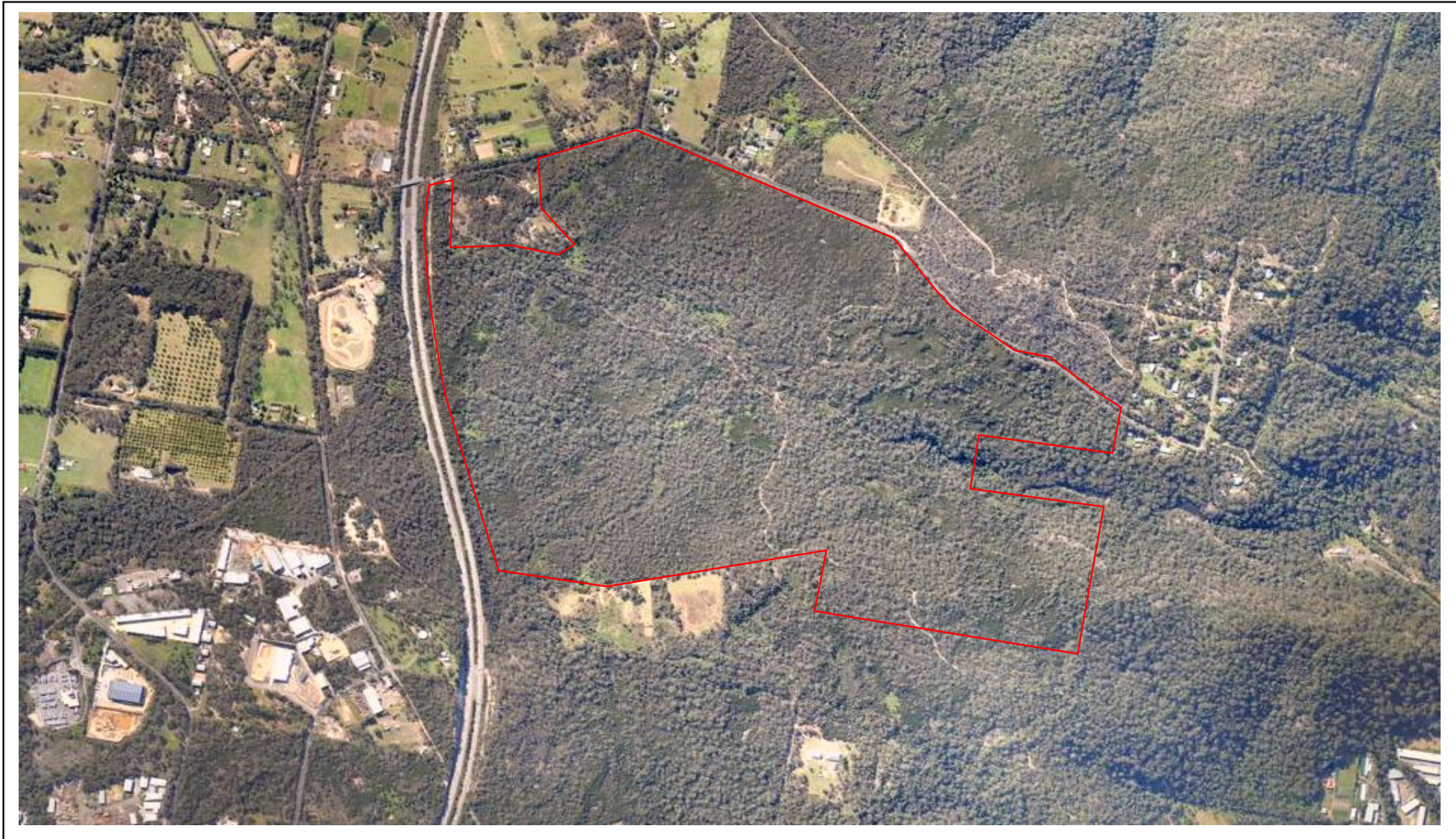




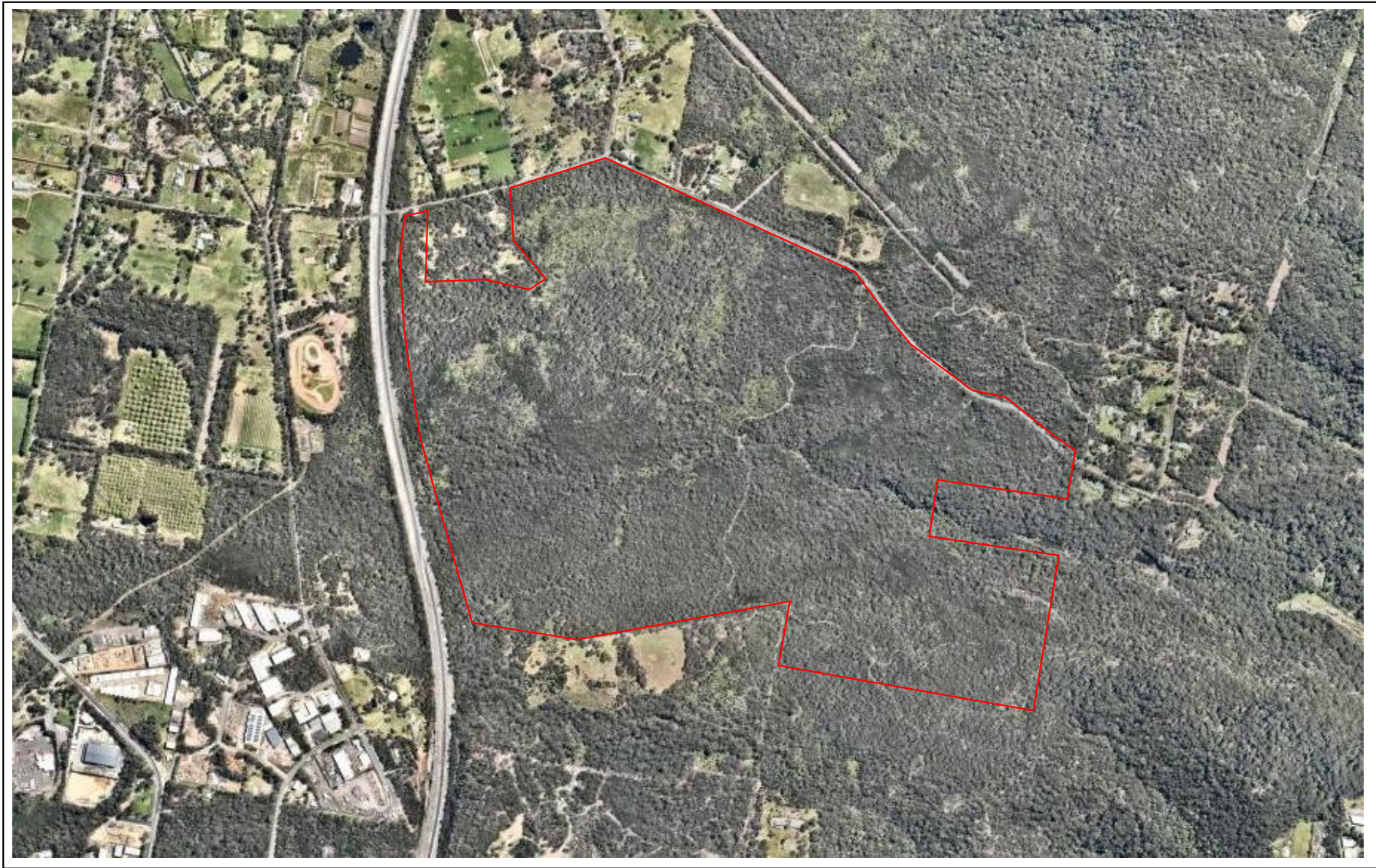












## **APPENDIX E:**

### **Site Photographs**






Photograph 1 - Bushland and access track



Photograph 2 - Bushland and access tracks

	Client:	DARKINJUNG LOCAL ABORIGINAL LAND COUNCIL	Project No:	NEW19P-0195-AA
	Project:	PRELIMINARY CONTAMINATION ASSESSMENT	Date:	06/01/2020
	Location:	LOT 481 DP 1184693 SOMERSBY CENTRAL COAST	No:	<b>1 and 2</b>
	Title:	SITE PHOTOGRAPHS		






Photograph 3 - Fountain Creek waterhole in center of site



Photograph 4 - Small creek draining to Fountain Creek waterhole

	Client:	DARKINJUNG LOCAL ABORIGINAL LAND COUNCIL	Project No:	NEW19P-0195-AA
	Project:	PRELIMINARY CONTAMINATION ASSESSMENT	Date:	06/01/2020
	Location:	LOT 481 DP 1184693 SOMERSBY CENTRAL COAST	No:	<b>3 and 4</b>
	Title:	SITE PHOTOGRAPHS		






Photograph 5 - Slope of creek flowing towards waterhole in centre of site (dry at time of site visit)



Photograph 6 - Waste (plastic bag) observed in central portion of site

	Client:	DARKINJUNG LOCAL ABORIGINAL LAND COUNCIL	Project No:	NEW19P-0195-AA
	Project:	PRELIMINARY CONTAMINATION ASSESSMENT	Date:	06/01/2020
	Location:	LOT 481 DP 1184693 SOMERSBY CENTRAL COAST	No:	<b>5 and 6</b>
	Title:	SITE PHOTOGRAPHS		






Photograph 7 - Wooden cpallets, vacuum and concrete illegally dumped on northern boundary of site



Photograph 8 - Concrete, wood and plastic bottle illegally dumped on northern boundary of site

	Client:	DARKINJUNG LOCAL ABORIGINAL LAND COUNCIL	Project No:	NEW19P-0195-AA
	Project:	PRELIMINARY CONTAMINATION ASSESSMENT	Date:	06/01/2020
	Location:	LOT 481 DP 1184693 SOMERSBY CENTRAL COAST	No:	<b>7 and 8</b>
	Title:	SITE PHOTOGRAPHS		



## **APPENDIX F:**

### **NSW EPA Records**



## Search results

Your search for: Suburb: SOMERSBY

[Search Again](#)

[Refine Search](#)

did not find any records in our database.

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

- Contamination may be present but the site has not been regulated by the EPA under the Contaminated Land Management Act 1997 or the Environmentally Hazardous Chemicals Act 1985.
- The EPA may be regulating contamination at the site through a licence or notice under the Protection of the Environment Operations Act 1997 (POEO Act).
- Contamination at the site may be being managed under the [planning process](#).

More information about particular sites may be available from:

- The [POEO public register](#)
- The appropriate planning authority: for example, on a planning certificate issued by the local council under [section 149 of the Environmental Planning and Assessment Act](#).

See [What's in the record and What's not in the record](#).

If you want to know whether a specific site has been the subject of notices issued by the EPA under the CLM Act, we suggest that you search by Local Government Area only and carefully review the sites that are listed.

This public record provides information about sites regulated by the EPA under the Contaminated Land Management Act 1997, including sites currently and previously regulated under the Environmentally Hazardous Chemicals Act 1985. Your inquiry using the above search criteria has not matched any record of current or former regulation. You should consider searching again using different criteria. The fact that a site does not appear on the record does not necessarily mean that it is not affected by contamination. The site may have been notified to the EPA but not yet assessed, or contamination may be present but the site is not yet being regulated by the EPA. Further information about particular sites may be available from the appropriate planning authority, for example, on a planning certificate issued by the local council under section 149 of the Environmental Planning and Assessment Act. In addition the EPA may be regulating contamination at the site through a licence under the Protection of the Environment Operations Act 1997. You may wish to search the POEO public register. [POEO public register](#)

### Search TIP

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

... [more search tips](#)

## **APPENDIX G:**

### **Section 10.7 Certificate**



Qualtest  
8 Ironbark Cl  
WARABROOK NSW 2304

## PLANNING CERTIFICATE

This Planning Certificate is issued in accordance with Section 10.7 of the *Environmental Planning and Assessment Act, 1979*

Certificate No:	163669
Certificate Date:	9 December 2019
Address:	250 Reeves Street SOMERSBY
Lot Description:	LOT: 481 DP: 1184693
Parish:	Gosford
County:	Northumberland
Assessment No:	857371
Receipt No:	43761195
Parcel No:	96712
Applicants Reference:	
Applicants Email:	billysnow@qualtest.com.au



**Wyong Office:** 2 Hely St / PO Box 20 Wyong NSW 2259  
**Gosford Office:** 49 Mann St / PO Box 21 Gosford NSW 2250

P 1300 463 954 | E [ask@centralcoast.nsw.gov.au](mailto:ask@centralcoast.nsw.gov.au) | W [centralcoast.nsw.gov.au](http://centralcoast.nsw.gov.au) | ABN 73 149 644 003

## Part 2 - Environmental Planning and Assessment Regulation 2000

### 1 NAMES OF RELEVANT PLANNING INSTRUMENTS and DCPS

- (1) The name of each environmental planning instrument that applies to the carrying out of development on the land.

Gosford Local Environmental Plan 2014

#### ***Specific Site State Environmental Planning Policies***

Sydney Regional Environmental Plan No. 8 (Central Coast Plateau Areas)

State Environmental Planning Policy (Vegetation in Non-Rural Areas) 2017

State Environmental Planning Policy (Aboriginal Land) 2019

#### ***General Site State Environmental Planning Policies***

ZONE RU2 RURAL LANDSCAPE UNDER GOSFORD LOCAL ENVIRONMENTAL PLAN 2014

State Environmental Planning Policy (State and Regional Development) 2011

State Environmental Planning Policy (Affordable Rental Housing) 2009

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

State Environmental Planning Policy (Infrastructure) 2007

State Environmental Planning Policy (Miscellaneous Consent Provisions) 2007

State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007

State Environmental Planning Policy (Major Development) 2005

State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004

State Environmental Planning Policy No. 65 - Design Quality of Residential Flat Development

State Environmental Planning Policy No. 64 - Advertising and Signage

State Environmental Planning Policy No. 55 - Remediation of Land

State Environmental Planning Policy No. 50 - Canal Estate Development

State Environmental Planning Policy No. 44 - Koala Habitat Protection

State Environmental Planning Policy No. 36 - Manufactured Home Estates

State Environmental Planning Policy No. 33 - Hazardous and Offensive Development

State Environmental Planning Policy No. 21 - Caravan Parks

State Environmental Planning Policy No. 19 - Bushland in Urban Areas

Sydney Regional Environmental Plans No. 9 - Extractive Industry (No 2-1995)

State Environmental Planning Policy (Educational Establishments and Child Care Facilities) 2017

State Environmental Planning Policy (Primary Production and Rural Development) 2019.

ZONE E2 ENVIRONMENTAL CONSERVATION UNDER GOSFORD LOCAL ENVIRONMENTAL PLAN 2014

State Environmental Planning Policy (State and Regional Development) 2011

State Environmental Planning Policy (Affordable Rental Housing) 2009

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

State Environmental Planning Policy (Infrastructure) 2007

State Environmental Planning Policy (Miscellaneous Consent Provisions) 2007

State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007

State Environmental Planning Policy (Major Development) 2005

State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004

State Environmental Planning Policy No. 65 - Design Quality of Residential Flat Development

State Environmental Planning Policy No. 64 - Advertising and Signage

State Environmental Planning Policy No. 55 - Remediation of Land

State Environmental Planning Policy No. 50 - Canal Estate Development

State Environmental Planning Policy No. 44 - Koala Habitat Protection

State Environmental Planning Policy No. 36 - Manufactured Home Estates

State Environmental Planning Policy No. 33 - Hazardous and Offensive Development

State Environmental Planning Policy No. 21 - Caravan Parks

State Environmental Planning Policy No. 19 - Bushland in Urban Areas

Sydney Regional Environmental Plans No. 9 - Extractive Industry (No 2-1995)

State Environmental Planning Policy (Educational Establishments and Child Care Facilities) 2017

State Environmental Planning Policy (Primary Production and Rural Development) 2019.

State Environmental Planning Policy No 70 - Affordable Housing (Revised Schemes)

- (2) The name of each proposed environmental planning instrument that will apply to the carrying out of development on the land and that is or has been the subject of community consultation or on public exhibition under the Act (unless the Director-General has notified the council that the making of the proposed instrument has been deferred indefinitely or has not been approved).

Draft Central Coast Local Environmental Plan will replace Gosford Local Environmental Plan 2014, Interim Development Order No. 122 - Gosford, Gosford Planning Scheme Ordinance and Wyong Local Environmental Plan 2013.

Draft State Environmental Planning Policy No. 44 - Koala Habitat Protection.

Draft State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

Draft State Environmental Planning Policy (Environment) 2017.

Draft State Environmental Planning Policy (Short-term Rental Accommodation) 2019

- (3) The name of each development control plan that applies to the carrying out of development on the land.

Gosford Development Control Plan 2013

## **2 ZONING AND LAND USE UNDER RELEVANT LOCAL ENVIRONMENTAL PLANS**

(a) to (d) is the zoning of the land and the land use table for each of the zones listed, including existing and proposed Local Environmental Plans in landuse tables.

Zone RU2 Rural Landscape under Gosford Local Environmental Plan 2014

PERMITTED WITHOUT CONSENT

Extensive agriculture; Home occupations; Recreation areas

PERMITTED WITH CONSENT

Agriculture; Animal boarding or training establishments; Aquaculture; Bed and breakfast accommodation; Dwelling houses; Environmental protection works; Extractive industries; Farm buildings; Farm stay accommodation; Garden centres; Home-based child care; Home industries; Landscaping material supplies; Open cut mining; Plant nurseries; Recreation facilities (outdoor); Roads; Roadside stalls; Secondary dwellings; Veterinary hospitals; Water storage facilities

PROHIBITED

Any development not specified in Permitted without consent or Permitted with consent

Zone E2 Environmental Conservation under Gosford Local Environmental Plan 2014

PERMITTED WITHOUT CONSENT

Nil

PERMITTED WITH CONSENT

Bed and breakfast accommodation; Dwelling houses; Environmental facilities; Environmental protection works; Home occupations; Oyster aquaculture; Recreation areas; Roads; Water storage facilities

PROHIBITED

Business premises; Hotel or motel accommodation; Industries; Multi dwelling housing; Pond-based aquaculture; Recreation facilities (major); Residential flat buildings; Restricted premises; Retail premises; Seniors housing; Service stations; Tank-based aquaculture; Warehouse or distribution centres; Any other development not specified in item 2 or 3

Proposed Zone RU2 Rural Landscape under Draft Central Coast Local Environmental Plan.

Please refer to attached Draft Land Use Table - RU2 Rural Landscape.

Proposed Zone E2 Environmental Conservation under Draft Central Coast Local Environmental Plan.

Please refer to attached Draft Land Use Table - E2 Environmental Conservation.



- (e) whether any development standards applying to the land fix minimum land dimensions for the erection of a dwelling-house on the land, if so, the minimum land dimensions so fixed,

No.

There are no development standards applying to the land that fix minimum land dimensions for the erection of a dwelling-house on the land. However there are minimum lot sizes applying to the subdivision of land, and in some zones the entitlement to erect a dwelling-house, or carry out other types of residential development, is linked to that minimum lot size.

- (f) whether the land includes or comprises critical habitat,

None

- (g) whether the land is in a conservation area (however described),

No.

- (h) whether an item of environmental heritage (however described) is situated on the land.

No.

## **2A ZONING AND LAND USE UNDER SEPP (SYDNEY REGIONAL GROWTH CENTRES) 2006**

Not applicable

## **3 COMPLYING DEVELOPMENT**

### **General Housing Code**

Complying development under the General Housing Code may be carried out on the land under Clauses 1.17A & 1.19. This information needs to be read in conjunction with the whole of the SEPP.

### **Rural Housing Code**

Complying development under the Rural Housing Code may be carried out on the land under Clauses 1.17A & 1.19. This information needs to be read in conjunction with the whole of the SEPP.

### **Housing Alterations Code**

Complying development under the Housing Alterations Code may be carried out on the land under Clauses 1.17A & 1.19. This information needs to be read in conjunction with the whole of the SEPP.

### **General Development Code**

Complying development under the General Development Code may be carried out on the land under Clauses 1.17A & 1.19. This information needs to be read in conjunction with the whole of the SEPP.

### **Subdivision Code**

Complying development under the Subdivision Code may be carried out on the land under Clauses 1.17A & 1.19. This information needs to be read in conjunction with the whole of the SEPP.

### **Demolition Code**

Complying development under the Demolition Code may be carried out on the land under Clauses 1.17A & 1.19. This information needs to be read in conjunction with the whole of the SEPP.

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

Complying development under the Commercial and Industrial (New Buildings and Additions) Code may be carried out on the land under Clauses 1.17A & 1.19. This information needs to be read in conjunction with the whole of the SEPP.

### **Commercial and Industrial Alterations Code**

Complying development under the Commercial and Industrial Alterations Code may be carried out on the land under Clauses 1.17A & 1.19. This information needs to be read in conjunction with the whole of the SEPP.

### **Fire Safety Code**

Complying development under the Fire Safety Code may be carried out on the land under Clauses 1.17A & 1.19. This information needs to be read in conjunction with the whole of the SEPP.

### **Low Rise Medium Density Housing Code**

The Low Rise Medium Density Housing Code does not apply to Central Coast local government area until 1 July 2020.

### **Greenfield Housing Code**

The Greenfield Housing Code is not applicable to this land.

**4 (Repealed)**

**4A (Repealed)**

**4B Annual Charges for coastal protection services under *Local Government Act 1993***

None

**5 MINE SUBSIDENCE**

The land is not within a Mine Subsidence District declared under section 20 of the *Coal Mine Subsidence Compensation Act 2017*.

**6 ROAD WIDENING AND ROAD RE-ALIGNMENT**

Whether or not the land is affected by any road widening or road alignment.

The property is adjacent to a State Road under the control of Roads and Maritime Services (RMS) and may be affected by an existing road widening scheme.

Enquiries regarding this matter should be directed to the RMS Hunter Regional Office Property Enquiries Officer on (02) 4908 7552.

**7 COUNCIL AND OTHER PUBLIC AUTHORITY POLICIES ON HAZARD RISK RESTRICTIONS  
(*No, unless a message is listed below*)**

Chapter 6.4 of Gosford Development Control Plan (Geotechnical Requirements) applies to the land and the land may be subject to slip. When considering a development application, each circumstance will be considered and development may be restricted.

**7A FLOOD RELATED DEVELOPMENT CONTROLS INFORMATION**

Is development on the land or part of the land for the purposes of dwelling houses, dual occupancies, multi dwelling house or residential flat buildings (excluding group homes or seniors housing) subject to flood related development controls.

No.

Is development on the land or part of the land for any other purpose subject to flood related development controls.

No.

**8 LAND RESERVED FOR ACQUISITION**

No.

## **9 CONTRIBUTION PLANS**

None.

## **9A BIODIVERSITY CERTIFIED LAND**

Is the land biodiversity certified land under Part 8 of the *Biodiversity Conservation Act 2016*?

No.

## **10 BIODIVERSITY STEWARDSHIP SITES**

Is the land a biodiversity stewardship site under a biodiversity stewardship agreement under Part 5 of the *Biodiversity Conservation Act 2016*?

No.

## **10A NATIVE VEGETATION CLEARING SET ASIDES**

If the land contains a set aside area under section 60ZC of the *Local Land Services Act 2013*, a statement to that effect (but only if the council has been notified of the existence of the set aside area by Local Land Services or it is registered in the public register under that section).

None.

## **11 BUSHFIRE PRONE LAND**

All or part of the land is shown as Bushfire Prone on Council's records. Details of the Bushfire Category can be obtained from Mapping, Environmental Constraints, available on Council's website. Further information related to building on bushfire prone land can be obtained from the Fact Sheet on Council's website and the Rural Fire Service Website <http://www.rfs.nsw.gov.au/plan-and-prepare/building-in-a-bush-fire-area>.

## **12 PROPERTY VEGETATION PLANS**

Has Council been notified by the person or body that approved the plan that the land is land to which a property vegetation plan under the *Native Vegetation Act 2003* applies?

No.

## **13 ORDERS UNDER TREES (DISPUTE BETWEEN NEIGHBOURS) ACT 2006**

Has Council been notified that an order has been made under the *Trees (Disputes Between Neighbours) Act 2006* to carry out work in relation to a tree on the land?

No.

**14 DIRECTIONS UNDER PART 3A**

If there is a direction by the Minister in force under section 75P (2) (c1) of the Act that a provision of an environmental planning instrument prohibiting or restricting the carrying out of a project or a stage of a project on the land under Part 4 of the Act does not have effect, a statement to that effect identifying the provision that does not have effect.

No.

**15 SITE COMPATIBILITY CERTIFICATES AND CONDITIONS FOR SENIORS HOUSING**

**15(a) IS COUNCIL AWARE OF A CURRENT SITE COMPATIBILITY CERTIFICATE (SENIORS HOUSING) IN RESPECT OF PROPOSED DEVELOPMENT ON THE LAND?**

If the land is land to which *State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004* applies.

No.

**15(b) ARE THERE ANY CONDITIONS IMPOSED BY A CONSENT AUTHORITY IN TERMS OF CLAUSE 18 (2) OF STATE ENVIRONMENTAL PLANNING POLICY (HOUSING FOR SENIORS OR PEOPLE WITH A DISABILITY) 2004 AFTER 11 OCTOBER 2007?**

No.

**16 SITE COMPATIBILITY CERTIFICATES FOR INFRASTRUCTURE**

No.

**17 SITE COMPATIBILITY CERTIFICATES AND CONDITIONS FOR AFFORDABLE RENTAL HOUSING**

**17(1) IS COUNCIL AWARE OF A CURRENT SITE COMPATIBILITY CERTIFICATE (AFFORDABLE RENTAL HOUSING) IN RESPECT OF PROPOSED DEVELOPMENT ON THE LAND?**

No.

**17(2) ARE THERE ANY CONDITIONS IMPOSED BY A CONSENT AUTHORITY IN TERMS OF CL 17 (1) OR 37 (1) OF STATE ENVIRONMENTAL PLANNING POLICY (AFFORDABLE RENTAL HOUSING) 2009?**

No.

## **18 PAPER SUBDIVISION INFORMATION**

- (1) The name of any development plan adopted by a relevant authority that applies to the land or that is proposed to be subject to a consent ballot.

None

- (2) The date of any subdivision order that applies to the land.

Nil

## **19 SITE VERIFICATION CERTIFICATE**

There is no current site verification certificate, of which the Council is aware in respect of the land.

## **20 LOOSE-FILL ASBESTOS INSULATION**

NSW Fair Trading has not identified any residential dwellings erected within Central Coast Council Local Government Area as containing loose-fill asbestos ceiling insulation, as per the Loose-Fill Asbestos Insulation Register.

## **21 AFFECTED BUILDING NOTICES AND BUILDING PRODUCT RECTIFICATION ORDERS (BUILDING PRODUCT SAFETY ACT 2017)**

- (1) Is there any affected building notice of which the council is aware that is in force in respect of the land?

No

- (2) Is there any building product rectification order of which the council is aware that is in force in respect of the land and has not been fully complied with?

No

- (3) Is there any notice of intention to make a building product rectification order of which the council is aware has been given in respect of the land and is outstanding.

No



## Note

### **1     *CONTAMINATED LAND MANAGEMENT ACT 1997 NOTICES UNDER SECTION 59(2)***

- (a) that the land to which the certificate relates is significantly contaminated land within the meaning of that Act - if the land (or part of the land) is significantly contaminated land at the date when the certificate is issued,

No.

- (b) that the land to which the certificate relates is subject to a management order within the meaning of that Act - if it is subject to such an order at the date when the certificate is issued,

No.

- (c) that the land to which the certificate relates is the subject of an approved voluntary management proposal within the meaning of that Act - if it is the subject of such an approved proposal at the date when the certificate is issued,

No.

- (d) that the land to which the certificate relates is subject to an ongoing maintenance order within the meaning of that Act - if it is subject to such an order at the date when the certificate is issued,

No.

- (e) that the land to which the certificate relates is the subject of a site audit statement within the meaning of that Act - if a copy of such a statement has been provided at any time to the local authority issuing the certificate.

No.

### **2     *NATION BUILDING AND JOB PLAN (STATE INFRASTRUCTURE DELIVERY) ACT 2009 EXEMPTION UNDER SECTION 23 OR AUTHORISATION UNDER SECTION 24 OF THE ACT.***

No.

**The following additional information is issued under Section 10.7(5) of the *Environmental Planning and Assessment Act, 1979***

Council has fixed a foreshore building line on all lands fronting any harbour, bay, ocean, lake, estuary, lagoon or tidal river and creek.

If this land adjoins land or roads over which there is an easement for services to drain water, to drain sewage or where services, drainage, sewerage or other utilities have been installed and easements have not been created, foundations may be required such as will ensure the stability of any improvements on the subject land against any influence from use of the easement or installations over the adjoining land or roads.

The land may be subject to Part V Section 117A of the Water Act. Pursuant to Section 117A of the Water Act, a new licensing policy statement has been approved by the Department of Natural Resources that affects the Mangrove Mountain-Kulnura Groundwater Management Zone 603/1. Further enquiries should be directed to the Newcastle Office - Phone Mr. Hemantha de Silva on 4904-2500

The land may be subject to Part II Section 22BA of the Water Act. Pursuant to Section 22BA of the Water Act as of 16/6/95, this land may be subject to an embargo on applications for new (additional) entitlements from surface water sources within the Hawkesbury/Nepean River Catchment by the Department of Natural Resources. Further enquiries should be directed to the Newcastle Office - Phone Mr. Hemantha de Silva on 4904-2500

This land has been identified as containing a Sandstone Hanging Swamp plant community. This community may qualify as the endangered ecological community Coastal Upland Swamp in the Sydney Basin Bioregion as listed under Part 3 Schedule 1 of the Threatened Species Conservation Act, 1995. The presence of this community may restrict the development potential of the land. The nature and extent of any threatened species or cultural heritage constraints should be determined following an assessment of the land by a qualified and experienced ecologist/consultant.

Any property which is not connected to the Council's sewer system may be subject to requirements of State Legislation concerning "On-Site" Sewage Management. When purchasing or selling property in an unsewered area information concerning on-site sewage management should be obtained from Council's Waste Services section by phoning (02) 4325 8222. NOTE: It is a requirement under the provisions of the Local Government Approval(s) Regulation 1999, that a person who purchases (or otherwise acquires) land on which any sewage management facility is installed or constructed, is required to apply to Council for an Approval to Operate an on-site sewage management system.

Development on this land may be restricted pursuant to the National Parks and Wildlife Service Act 1974, as an aboriginal object or objects are recorded on this land in the NSW Office of Environment and Heritage - Aboriginal Heritage Information Management System. It is unlawful to remove, alter or disturb Aboriginal objects on this land and penalties apply. All enquiries for further information should be made to the Office of Environment and Heritage.

**Note: This Certificate is issued without Alteration and Erasure.**

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## LAND USE TABLE

### Zone RU2 Rural Landscape

#### Draft Central Coast Local Environmental Plan

#### 1 Objectives of zone

To encourage sustainable primary industry production by maintaining and enhancing the natural resource base.

To maintain the rural landscape character of the land.

To provide for a range of compatible land uses, including extensive agriculture.

To provide for a limited range of tourist and recreational uses that are appropriate for the rural character of the land.

#### 2 Permitted without consent

Extensive agriculture; Home occupations; Recreation areas.

#### 3 Permitted with consent

Agriculture; Animal boarding or training establishments; Bed and breakfast accommodation; Boat launching ramps; Building identification signs; Business identification signs; Camping grounds; Cellar door premises; Community facilities; Dual occupancies; Dwelling houses; Environmental facilities; Environmental protection works; Extractive industries; Farm buildings; Farm stay accommodation; Flood mitigation works; Forestry; Garden centres; Helipads; Home-based child care; Home businesses; Home industries; Home occupations (sex services); Information and education facilities; Landscaping material supplies; Open cut mining; Plant nurseries; Recreation facilities (outdoor); Roads; Roadside stalls; Rural industries; Secondary dwellings; Sewage reticulation systems; Veterinary hospitals; Water recreation structures; Water recycling facilities; Water supply systems.

#### 4 Prohibited

Any development not specified in item 2 or 3

## LAND USE TABLE

### Zone E2 Environmental Conservation

#### Draft Central Coast Local Environmental Plan



1 Objectives of zone

To protect, manage and restore areas of high ecological, scientific, cultural or aesthetic values.

To prevent development that could destroy, damage or otherwise have an adverse effect on those values.

2 Permitted without consent

Nil

3 Permitted with consent

Eco-tourist facilities; Environmental facilities; Environmental protection works; Flood mitigation works; Recreation areas; Research stations; Roads; Sewage reticulation systems; Water recycling facilities; Water reticulation systems; Water storage facilities.

4 Prohibited

Business premises; Hotel or motel accommodation; Industries; Multi dwelling housing; Recreation facilities (major); Residential flat buildings; Restricted premises; Retail premises; Seniors housing; Service stations; Warehouse or distribution centres; Any development not specified in item 2 or 3