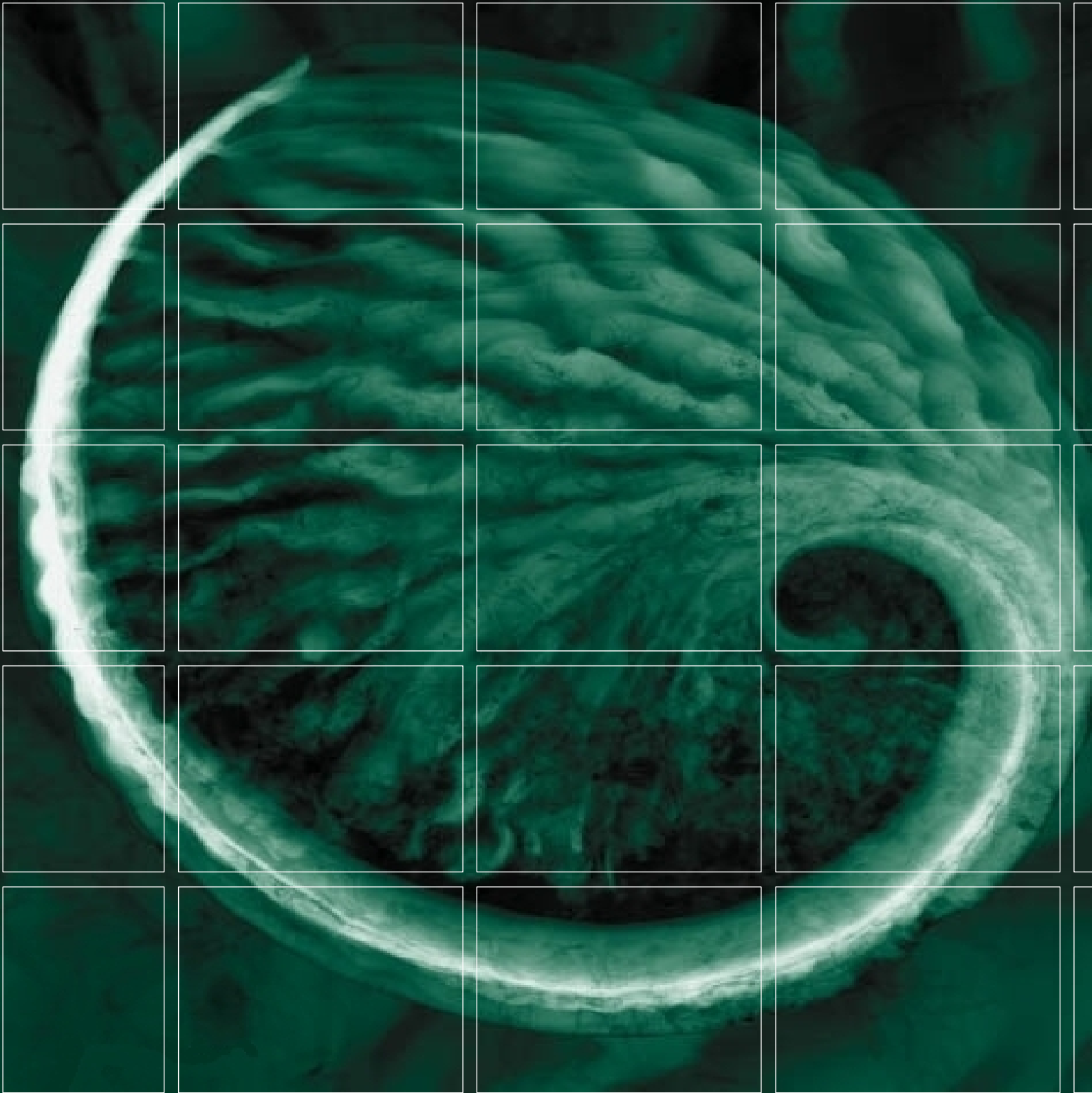




Parkside at Terrigal
*Phase 1 Environmental Site
Assessment*

Crighton Properties Pty Limited
October 2008
0050265ESA Final

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Approved by:	<u>Craig Wellings</u>
Position:	<u>Senior SIR Consultant</u>
Signed:	
Date:	<u>14 October, 2008</u>
Partner:	
	<u>Steve O'Connor</u>

Environmental Resources Management Australia Pty Ltd Quality System

Parkside at Terrigal

Phase 1 Environmental Site Assessment

Crighton Properties Pty Limited

October 2008

0050265ESA Final

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This report has been prepared in accordance with the scope of services described in the contract or agreement between Environmental Resources Management Australia Pty Ltd ABN 12 002 773 248 (ERM) and the Client. The report relies upon data, surveys, measurements and results taken at or under the particular times and conditions specified herein. Any findings, conclusions or recommendations only apply to the aforementioned circumstances and no greater reliance should be assumed or drawn by the Client. Furthermore, the report has been prepared solely for use by the Client and ERM accepts no responsibility for its use by other parties.

CONTENTS

1	INTRODUCTION	
1.1	GENERAL	1
1.2	OBJECTIVE	1
1.3	SCOPE OF WORKS	1
2	BACKGROUND INFORMATION	
2.1	SITE LOCATION	2
2.2	ADJACENT LAND USE	3
3	SITE HISTORY	
3.1	ZONING	4
3.2	PRIOR SITE USES	4
3.3	AERIAL PHOTOGRAPHS	6
3.4	GROUNDWATER BORE SEARCH	7
3.5	POTENTIALLY CONTAMINATING ACTIVITIES	7
3.6	RELEVANT LEGISLATION	7
4	SITE CONDITION AND SURROUNDING ENVIRONMENT	
4.1	REGIONAL GEOLOGY	8
4.2	REGIONAL TOPOGRAPHY	8
4.3	REGIONAL CLIMATE	9
4.4	REGIONAL HYDROGEOLOGY	9
4.5	SURFACE WATER	9
4.6	CHEMICALS OF POTENTIAL CONCERN	9
4.7	POTENTIAL SOURCE AREAS	9
4.8	POTENTIAL RECEPTORS	9
5	SITE CHARACTERISATION	
6	CONCLUSIONS AND RECOMMENDATIONS	
7	STATEMENT OF LIMITATIONS	

ANNEXURES

ANNEX A	FIGURES
ANNEX B	REFERENCES
ANNEX C	RESULTS OF HISTORICAL TITLE SEARCH
ANNEX D	RESULTS OF BORE SEARCH
ANNEX E	AERIAL PHOTOGRAPHS

1 INTRODUCTION

1.1 GENERAL

Crighton Properties Pty Ltd (Crighton Properties) have sought Project Application and Concept Plan approval to create a “Hi Tech Home Based Business Park” designed to bring significant numbers of jobs to the Terrigal area within a high quality, low environmental impact development. A significant part of the site (18 hectares) is proposed to be dedicated at no cost to Council so that it can be incorporated into the adjoining Coastal Open Space System.

Environmental Resources Management Australia Pty Ltd (ERM) has been engaged by Crighton Properties to prepare a Phase 1 Environmental Site Assessment (ESA) for the site which comprises Lots 2 DP 155116, Lots 8 & 9 DP 876102, Lot 202, DP 831864, Lot 4 DP 37914 and Lot 1, DP 381971 (see *Figure 2 in Annex A* for site boundary).

1.2 OBJECTIVE

In accordance with the NSW EPA Guidelines for Consultants Reporting on Contaminated Sites (*Ref 1; Annex B*) the objective of the Environmental Site Assessment was to:

- identify all past and present potentially contaminating activities;
- identify potential contamination types;
- discuss the site condition;
- provide a preliminary assessment of site contamination; and
- assess the need for further investigations.

1.3 SCOPE OF WORKS

In order to meet the above objectives ERM undertook the following scope of works:

- a site history review including historical land titles and aerial photographs;
- a review of site geology, hydrology, hydrogeology (including a desktop search of the DIPNR groundwater bore data base) and topography information for the site; and
- a site inspection for potential sources of contamination (e.g. current and former land uses etc).

Table 2.1 *Phase 1 ESA – Parkside – Site Identification*

Site Identification	Parkside
Site Location	Terrigal
Property Description	Lot 202 DP 831864
	Lot 9 DP 876102
	Lot 8 DP 876102
	Lot 2 DP 1111392
	Lot 4 DP 37914
	Lot 1 DP381971
Site Area	47.4 hectares (approximately)
Current Zoning Lot 202 DP 831864	7 (c2) scenic protection – rural small holding
Current Zoning Lot 9 DP 876102	7 (c2) scenic protection – rural small holding
Current Zoning Lot 8 DP 876102	7 (c2) scenic protection – rural small holding
Current Zoning Lot 2 DP 1111392	7 (c2) scenic protection – rural small holding
Current Zoning Lot 4 DP 37914	7 (c2) scenic protection – rural small holding (north-western part)
	7 (a) conservation (south-eastern part)
Current Zoning Lot 1 DP381971	7 (c2) scenic protection – rural small holding (northern part)
	7 (a) conservation (southern part)
Current Ownership Lot 202 DP 831864	Crichton Properties Pty Limited
Current Ownership Lot 9 DP 876102	John Michael Olzomer & Pamela Ann Olzomer
Current Ownership Lot 8 DP 876102	John Michael Olzomer & Pamela Ann Olzomer
Current Ownership Lot 2 DP 1111392	Abel & Barbara Morrell
Current Ownership Lot 4 DP 37914	Crichton Properties Pty Limited
Current Ownership Lot 1 DP381971	Crichton Properties Pty Limited

2.1**SITE LOCATION**

The Parkside at Terrigal (the site) is located south of Kings Avenue, Terrigal, NSW 2260, Australia (*Figure 1, Annex A*).

Access to the site is via a Kings Avenue. The site is currently mostly vacant and has a total area of approximately 47.4 hectares.

The site is bounded by Kings Avenue to the north and residential properties east and west.

In the immediate vicinity of the site there are:

North: Kings Avenue and residential properties north of the street;

West: Residential properties in Windemere Drive and bushland;

South: bushland directly adjacent and residential buildings; and

East: residential properties aligning Belar Avenue.

The nearest surface water bodies are two small lakes on the site which drain to the northeast into the Terrigal lagoon via a small creek and Avoca Lake which is located approximately 1.5 km to the south east of the site.

3.1

ZONING

The site is currently zoned 7(a) and 7(c2) under the provisions of the Gosford Interim Development Order No 122, however, none of the 7(a) area is proposed to be rezoned. Under the provisions of the Gosford IDO No 122, subdivision of land is a permissible land use. The potential exists under the current zoning regime to subdivide the site into approximately 20 rural/residential allotments.

It is proposed to rezone part of the site from 7(c2) to part 2 (a) Residential and part 7(c2) Rural Residential. An enabling clause is also proposed to facilitate a home based business park. The development will be designed for leading edge environmental performance with waste water recycling and design requirements for maximum energy efficiency. A significant part of the site (18 hectares) is proposed to be dedicated at no cost to Council so that it can be incorporated into the adjoining Coastal Open Space System.

A figure showing the current zoning on the site (*Figure 2* and *Figure 4*) is provided in *Annex A*.

3.2

PRIOR SITE USES

Prior site uses have been identified by review of Historical Title Search results for three of the six Lots, selected as being representative of the prior site uses. The title search was conducted by Advance Legal Search Pty Ltd. Details of the search have been summarized in *Table 3.1* and are included in *Annex C*.

Table 3.1 *Phase 1 ESA- Parkside - Historical Title Search of selected Lots*

Date	Title Details
1993 - to date	Lot 202 DP 831864
	Crighton Properties Pty Limited
1993 - 1993	Lot 104 DP 430463
	Crighton Properties Pty Limited
1988 - 1993	Part Portion 104 Parish Kincumber - Area 40 Acres 1 Rood 15 ½ Perches - CTVol 5281 Fol 182
	Crighton Properties Pty Limited
	John Francis Sparrow, accountant & Jean Sparrow
	Reginald Rex Hart, plumber & Lola Marie Schmidt, married woman
1941 - 1974	Irene Margretta Hart, music teacher / spinster
1925 - 1941	Portions 104 & 108 Parish Kincumber - Area 80 Acres 2 Rood 31 Perches - CTVol 1892 Fol 201
	Margretta Sophia Hart, widow
	Henry Dose, cooper
	Alfred George Aldrick, orchardist

Date	Title Details
	Lot 9 DP 876102
1998 – todate	John Michael Olzomer, builder & Pamela Ann Olzomer
	Lot 15 DP 873969
1998 – 1998	John Michael Olzomer, builder & Pamela Ann Olzomer
	Lot 6 DP 37914
1988 – 1998	John Michael Olzomer, builder & Pamela Ann Olzomer
	Lot 6 DP 37914 – CTVol 14240 Fol 183
1984 – 1988	John Michael Olzomer, builder & Pamela Ann Olzomer
1983 – 1984	Roy Dale Parker
1980 – 1983	Thomas Frederick King, retired
	Part Lot 5 & Lot 6 of the Bellbird Estate – Area 14 Acres 3 Roods 18 Perches
1941 – 1980	Thomas Frederick King, farmer
1941 – 1941	Arthur Oliver Harrigan, farmer
1941 – 1941	Commercial Bank of Australia Limited
	Part Portion 103 Parish Kincumber – Area 64 Acres 0 Roods 16 Perches
1927 – 1941	Victor Eric Wilson, orchardist
1920 – 1927	Rachel Wilson, widow
1917 – 1920	Victor Eric Wilson, orchardist
1911 – 1917	Alfred George Aldrick, orchardist
	Lot 1 DP 155116 – Area 4 Acres 3 Roods 5 Perches
1984 – 1998	John Michael Olzomer, builder & Pamela Ann Olzomer
1982 – 1984	Roy Dale Parker, executor
	Part Lot 5 & Lot 6 of the Bellbird Estate – Area 14 Acres 3 Roods 18 Perches
1941 – 1982	Thomas Frederick King, farmer
1941 – 1941	Arthur Oliver Harrigan, farmer
1941 – 1941	Commercial Bank of Australia Limited
	Part Portion 103 Parish Kincumber – Area 64 Acres 0 Roods 16 Perches
1927 – 1941	Victor Eric Wilson, orchardist
1920 – 1927	Rachel Wilson, widow
1917 – 1920	Victor Eric Wilson, orchardist
1911 – 1917	Alfred George Aldrick, orchardist
	Lot 4 DP 37914
1992 – todate	Crighton Properties Pty Limited
1989 – 1992	Norma Lynette Gee
1988 – 1989	Reginald Norman King, orchard hand
	Lot 4 & Part Lot 5 of Bellbird Estate – Area 24 Acres 3 Roods 28 Perches
1945 – 1988	Reginald Norman King, farmer
1941 – 1945	Geoffrey Riderick Michelsen, farmer
	Part Portion 103 Parish Kincumber & other lands
1941 – 1941	Arthur Oliver Harrigan, farmer
1941 – 1941	Commercial Bank of Australia Limited
	Part Portion 103 Parish Kincumber – Area 64 Acres 0 Roods 16 Perches
1927 – 1941	Victor Eric Wilson, orchardist
1920 – 1927	Rachel Wilson, widow
1917 – 1920	Victor Eric Wilson, orchardist

A summary of all historical aerial photography of the site available from the NSW Department of Lands is provided in *Table 3.2*. A selection of these photographs was reviewed for this assessment and the reviewed photographs are reproduced in *Annex E*.

No evidence of significant development can be identified on current aerial photographs of the site. Only residential properties are located in the northern part of the site. A current aerial photograph of the site is provided as *Figure 1; Annex E*.

On the earliest assessed aerial photograph from 1954 the whole site was covered by bush and trees and some areas in the north-eastern part of the site were cleared of substantial growth. No plantations or evidence of other agriculture could be identified on the aerial photograph.

The aerial photograph from 1980 shows that some additional area in the northern part of the site was cleared and a small pond / dam had been created in the north-eastern part of the site. No plantations or evidence of other agriculture could be identified on the aerial photograph. With exception of 1-2 buildings with unknown use in the north-eastern part of the site no buildings or other structures could be recognised on this photograph.

In the aerial photograph from 1985 it can be seen that more trees had been cleared in the north-western part of the site since the 1980 photo. The remainder of the site remained unchanged with exception of an additional pond / dam installed north of the existing one in the north-eastern part of the site. Two additional buildings / structures were constructed in the north-eastern part of the site. No other buildings or other structures could be recognised on the remainder of the site on this photograph.

On review of recent aerial photography on Google Earth, it can be seen that some regeneration of growth has occurred on an area previously cleared in the northern centre of the site. No additional buildings or structures could be recognised on this photograph.

The site has been substantially cleared of vegetation in the timeframe that passed between the earliest reviewed aerial photograph and the present. The land does not appear to have been used in the intervening period. There is no evidence of market gardening, cropping, or other high-intensity agriculture having taken place on the site.

Table 3.2 Available Aerial Photographs

Location	Year	Scale	Format ¹	reviewed
GOSFORD	2002	25000	COL	No
GOSFORD	1994	25000	COL	No
GOSFORD	1991	25000	COL	No
GOSFORD	1986	16000	COL	Yes
GOSFORD	1984	40000	BW	No
GOSFORD	1982	16000	COL	No
GOSFORD	1980	60500	BW	Yes
GOSFORD	1975	40000	BW	No
GOSFORD	1971	59000	BW	No
GOSFORD	1966	38000	BW	No
GOSFORD	1954	40000	BW	Yes

¹ COL = colour; BW = black & white

3.4 GROUNDWATER BORE SEARCH

ERM conducted a search of the NSW Department of Infrastructure, Planning and Natural Resources (DIPNR) groundwater bore database, for all licensed bores located within a 2.0 km radius of the investigation site. A total of nine bores are located in the vicinity of the site. In total three monitoring bores are located north west of the site, one is located northeast and five are located south of the site and are classified as either domestic stock and irrigation bores, domestic use or test bores.

The locations of the bores are provided in *Figure 3, Annex A*.

3.5 POTENTIALLY CONTAMINATING ACTIVITIES

The review of the title search and aerial photographs did not result in the identification of potentially contaminating activities for this site.

3.6 RELEVANT LEGISLATION

The Gosford City Council (GCC) Section 149 Planning Certificate for the site, issued in accordance with the Environmental Planning and Assessment Act 1979 (*Ref 3, Annex B*), states that a number of State Environmental Planning Policies apply to the site. Of these, one has particular relevance to this assessment:

- SEPP 55 – Remediation of Contaminated Land.

No evidence has been observed during the undertaking of the current Phase 1 ESA, that past or present site uses are either in breach or would require that the above SEPP be actioned to ensure compliance.

4.1 REGIONAL GEOLOGY

According to the geological map of Sydney 1:250,000 Geological Series Sheet S1 56-5 third edition (1966), the site is underlain by Triassic sand- and siltstones of the Gosford formation which were deposited in a fluvial in-channel and floodplain environmental setting. The Gosford Formation has an approximate thickness of 210metres. Although unlikely, it cannot be excluded that fill material is present on the site.

The Acid Sulphate Soil Risk Map from the Gosford Council show that the site is located in an area where there is a very low probability of acid soil materials occurring between one and three metres below the ground surface.

A geotechnical assessment performed by Coffey Geotechnics¹ was carried out in early 2008 to assess the suitability of the site for the proposed residential subdivision with respect to slope stability. The report draws the conclusion that “no significant areas of instability were noted over the area” and that “based on the results of this assessment it is considered [by Coffeys] that the land is generally suitable for the type of urban use proposed subject to the geotechnical constraints on the development”. The report details constraints on road excavation design, fill embankments, building platforms, retaining walls, drainage and sewage disposal.

4.2 REGIONAL TOPOGRAPHY

The site is situated in an area of moderate to steeply undulating terrain on the north eastern end of a prominent south west trending ridgeline. Two gullies originate at the upper slopes and drain towards the north of the site, which is low lying.

The site is located within an elongated valley running east to west and is generally characterised by residential development on the valley floor and lower slopes while the upper slopes are more vegetated. The site is located at approximately 50 m Australian Height Datum (AHD).

¹ Coffey Geotechnics (13 Feb 2008): Proposed Subdivision at Kings Ave Terrigal (Document Number: GEOTKARI02083AA-AC)

4.3 *REGIONAL CLIMATE*

Information regarding the regional climate was obtained from the Bureau of Meteorology. The nearest weather station is located at Gosford (Gosford / Narara Research Station / Site number 061087). The mean maximum temperature ranged between 27.5°C in January and 17.5 °C in July. The average annual maximum temperature is 23.0°C and the respective minimum temperature is 11.4°C. The mean minimum temperature ranged between 17.1°C in February and 4.6°C in July. The highest mean rainfall was recorded for March with 151.2 mm and the lowest mean rainfall was recorded for September with 67.3mm. The average annual rainfall is 1318.0 mm.

4.4 *REGIONAL HYDROGEOLOGY*

No groundwater assessment for the site has been performed in the past and no detailed groundwater information was available for this assessment.

4.5 *SURFACE WATER*

Two small creeks drain the northern part of the site and another small creek drains the southern part of the site. The surface water runoff after rainfall events will generally follow the topography and flow to the northern side of the site.

Due to the low lying nature of the northern part of the site the area adjacent to the small creeks is shown as potentially flooded during a 100 year flood event on a map provided by Gosford Council.

4.6 *CHEMICALS OF POTENTIAL CONCERN*

Based on ERM's knowledge of the site no chemicals of potential concern were identified for the site.

4.7 *POTENTIAL SOURCE AREAS*

No potential source areas were identified within the site during the course of this assessment.

4.8 *POTENTIAL RECEPTORS*

For the purpose of this assessment, 'receptors' include persons, structures and utilities, ecological receptors and water supply wells that are, or may be

adversely affected by the chemicals of concern. The potential receptors identified for the site include the following:

- future residents and patrons of facilities;
- on-site workers and patrons;
- off-site residents (adult and child);
- off-site water supply or irrigation wells; and
- the Terrigal Lagoon.

SITE CHARACTERISATION

The Phase 1 ESA which has been undertaken for the site considers the environmental conditions based on three criteria:

- available background information;
- site history; and
- the conditions of the site and surrounding environment.

Based on the information reviewed it is considered that the assessment objectives detailed in *Section 1.2* have been met for the site.

Generally the site was assessed as being free of potential contaminants or past and present contaminating activities, likely to have a significant adverse impact on human health or the environment. The site, although disturbed in parts by clearing of bushes and trees, is currently free from development. Also no evidence of former development was noted. As the site is largely uncontrolled it cannot be discounted that illegal dumping of potentially contaminating materials has occurred. However, based on the information reviewed it is considered that the potential for such dumping is low.

Potential for existing site contamination therefore is considered to be low and if encountered contamination is likely to be limited in extent to localized zones within the site. Therefore the site is considered to have low potential to adversely effect human health or the environment either on surrounding properties or local receiving waters.

It is not considered that further investigations to assess the site for environmental conditions in accordance with the current assessment objectives, are required prior to the site being developed.

CONCLUSIONS AND RECOMMENDATIONS

The Phase 1 ESA undertaken for the Parkside at Terrigal site has not identified any significant potential for site contamination. Therefore it is concluded that in terms of the objectives of this assessment that the site is suitable for the proposed development. Providing that environmental conditions on the site do not deteriorate due to unforeseen circumstances further investigation to assess the environmental conditions on the site are not recommended.

STATEMENT OF LIMITATIONS

The findings of this report are based on the scope of work outlined within this report. ERM performed the services in a manner consistent with the normal level of care and expertise exercised by members of the environmental profession. No warranties, express or implied, are made.

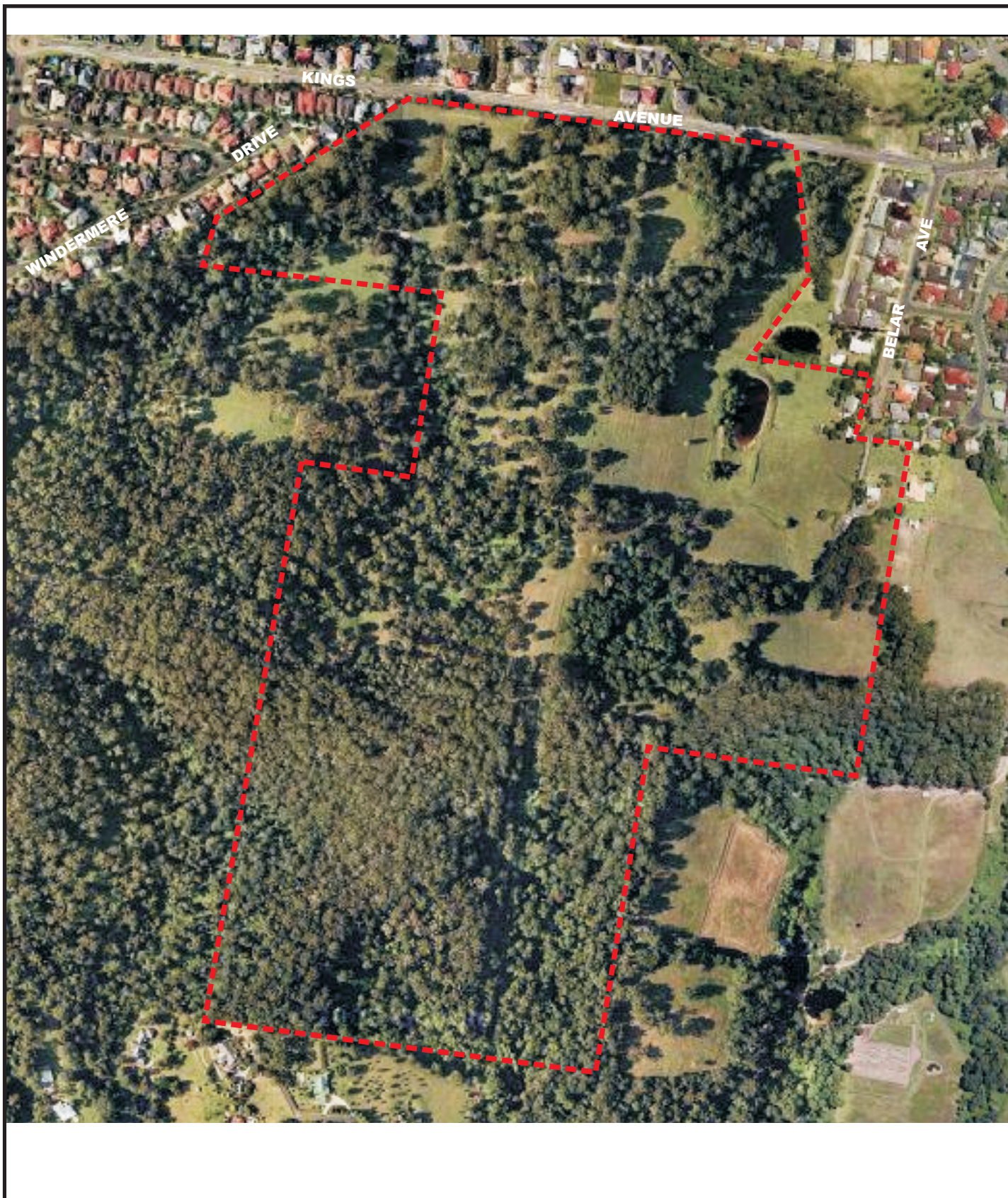
Subject to the scope of work, ERM's assessment is limited strictly to identifying typical environmental conditions associated with the subject property and does not evaluate structural conditions of any buildings on the subject property, nor any other issues. Although normal standards of professional practice have been applied, the absence of any identified hazardous or toxic materials on the subject property should not be interpreted as a guarantee that such materials do not exist on the site.

This assessment is based on desk top review of information provided by Gosford City Council or other people with knowledge of site conditions. All conclusions and recommendations made in the report are the professional opinions of the ERM personnel involved with the project and, while normal checking of the accuracy of data has been conducted, ERM assumes no responsibility or liability for errors in data obtained from regulatory agencies or any other external sources, nor from occurrences outside the scope of this project.

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Annex A

Figures



Legend
 Site

Client:	Crighton Properties Pty Ltd		
Project:	Parkside Terrigal Rezoning Report - Phase I		
Drawing No:	0050265hv_Phase I_01		
Date:	13/06/08	Drawing size:	A4
Drawn by:	JD	Reviewed by:	RME
Source:	-		
Scale:	Refer to Scale Bar		



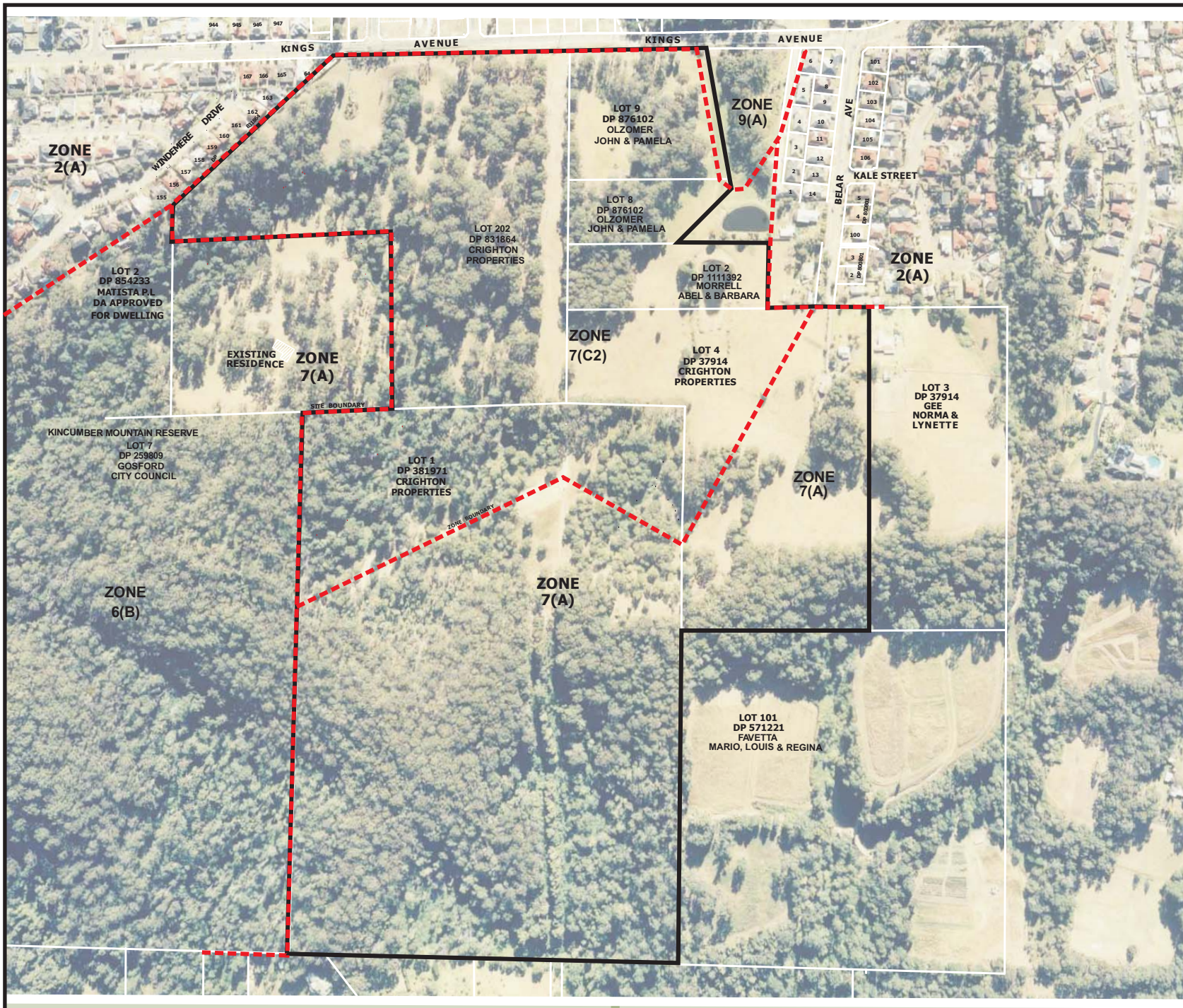
0 100 200m



Figure 1
Site Locality Plan

Environmental Resources Management Australia Pty Ltd
 53 Bonville Avenue, Thornton, NSW 2322
 Telephone +61 2 4964 2150





Legend

- Site
- Zone Boundary

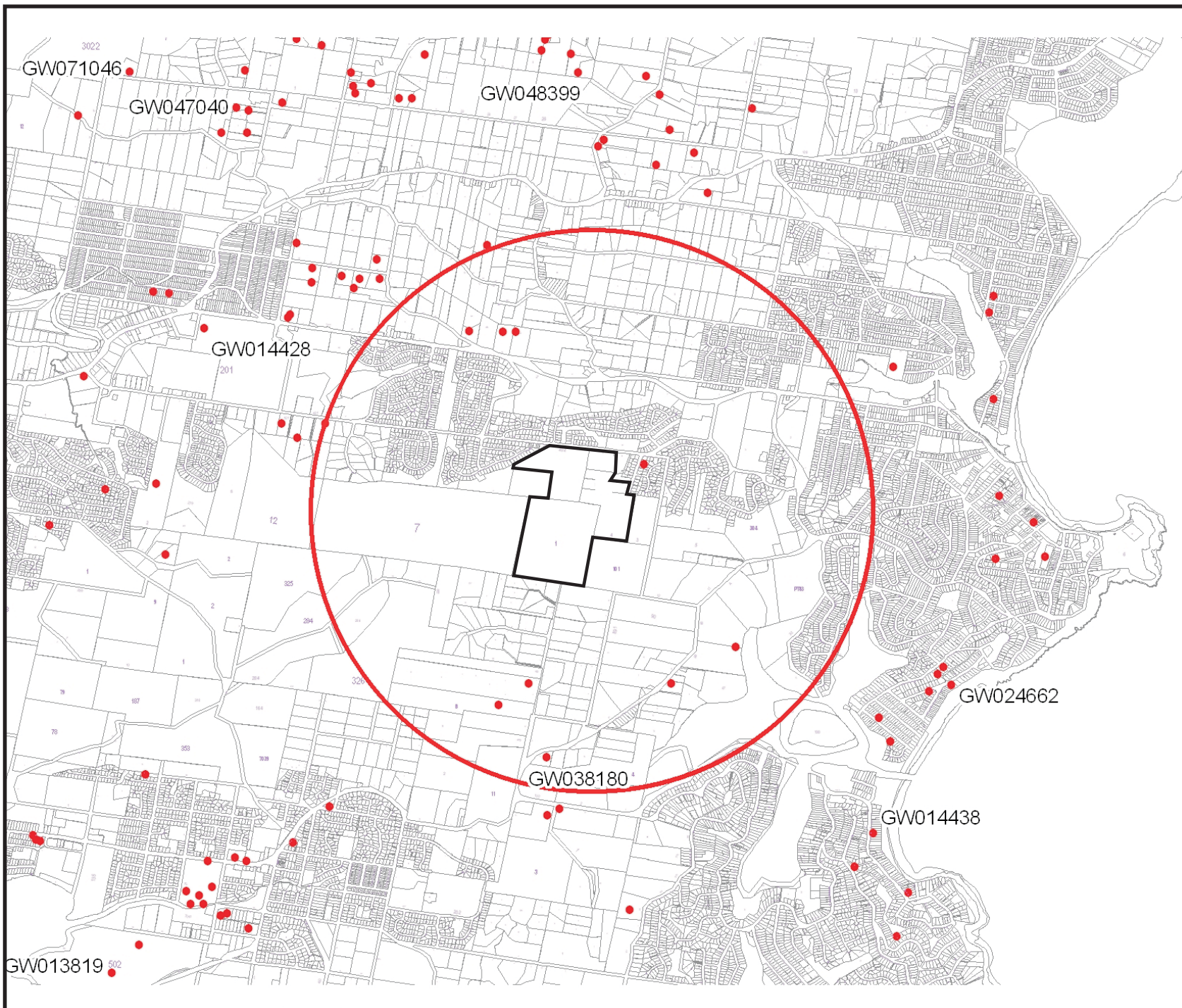
Figure 2

Site Layout Plan

Client:	Crighton Properties Pty Ltd		
Project:	Parkside Terrigal Rezoning Report - Phase I		
Drawing No:	0050265hv_Phase I_02		
Date:	27/06/08	Drawing size:	A4
Drawn by:	JD	Reviewed by:	RME
Source:	Crighton Properties Pty Ltd		
Scale:	Refer to Scale Bar		



Environmental Resources Management Australia Pty Ltd
53 Bonville Avenue, Thornton, NSW 2322
Telephone +61 2 4964 2150



Legend

-  Site
-  Groundwater Bores
-  2km Radius from Centre of Site

Figure 3

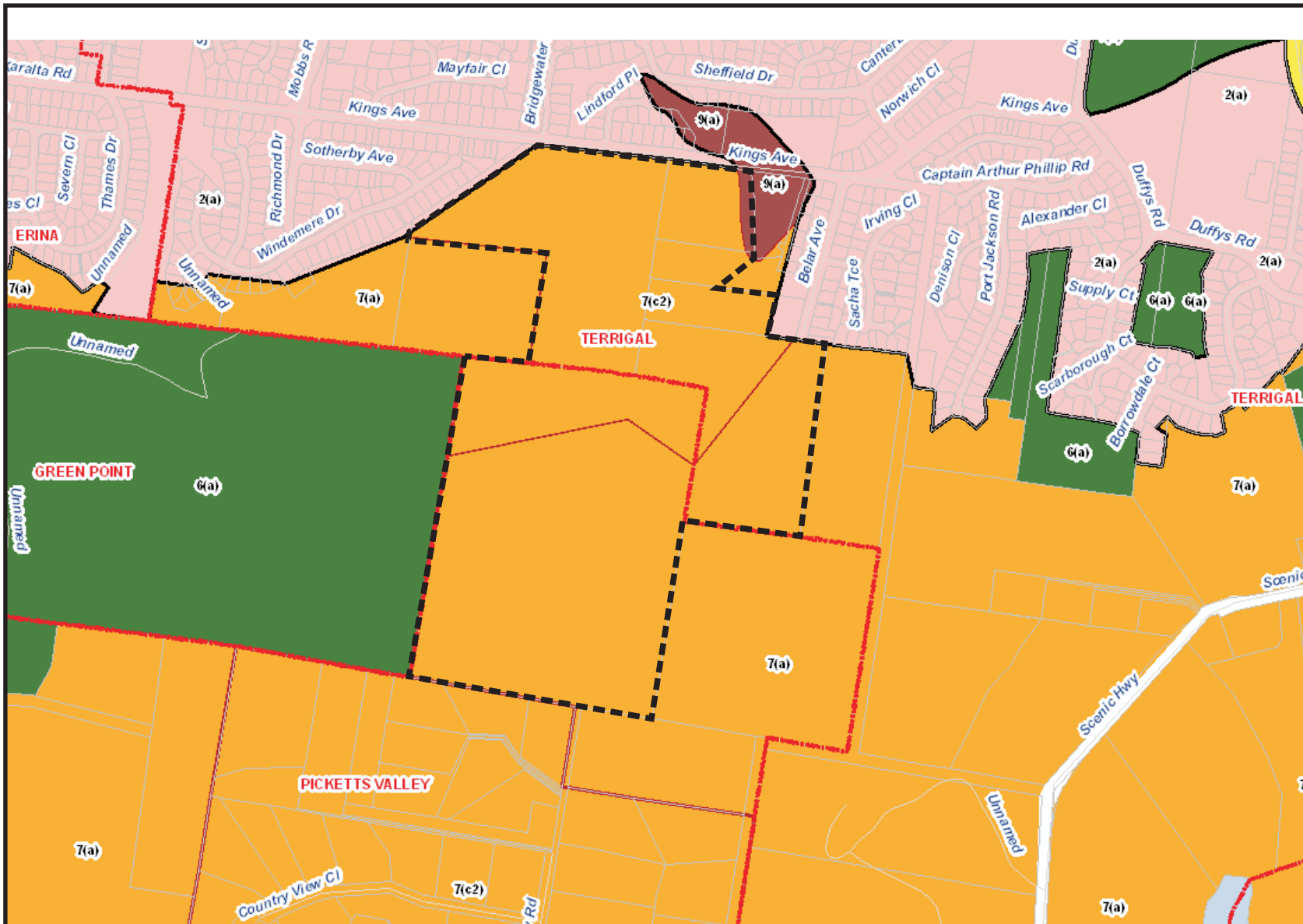
Groundwater Bore Search Results

Client:	Crighton Properties Pty Ltd		
Project:	Parkside Terrigal Rezoning Report - Phase I		
Drawing No:	0050265hv_Phase I_03		
Date:	13/06/08	Drawing size:	A4
Drawn by:	JD	Reviewed by:	RME
Source:	NSW Natural Resources Atlas		
Scale:	Refer to Scale Bar		



Environmental Resources Management Australia Pty Ltd
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Legend

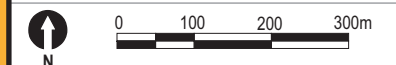
Site

Zone Table

	Residential
	Open Space (Recreation)
	Conservation
	Scenic Protection-rural small holdings
	Restricted Development Flood Prone Land

Figure 4
Zoning Plan

Client:	Crighton Properties Pty Ltd		
Project:	Parkside Terrigal Rezoning Report - Phase I		
Drawing No:	0050265hv_Phase I_04		
Date:	27/06/08	Drawing size:	A4
Drawn by:	JD	Reviewed by:	RME
Source:	Gosford City Council		
Scale:	Refer to Scale Bar		



Environmental Resources Management Australia Pty Ltd
53 Bonville Avenue, Thornton, NSW 2322
Telephone +61 2 4964 2150

Annex B

References

REFERENCES

Environment Protection Authority (EPA) NSW Contaminated Sites (November 1997). **Guidelines for Consultants Reporting on Contaminated Sites,**

Coffey Geotechnics (13 Feb 2008): **Proposed Subdivision at Kings Ave Terrigal** (Document Number: GEOTKARI02083AA-AC

NSW Government (1979) **Environmental Planning and Assessment Act**

Annex C

Results of Title, ERM and CLR Searches

ADVANCE LEGAL SEARCH PTY LIMITED

(ACN 077 067 068)

ABN 49 077 067 068

PO Box 149
Yagoona NSW 2199

Telephone: +612 9754 1590
Mobile: 0412 169 809
Facsimile: +612 9754 1364
Email: alsearch@optusnet.com.au

24 June 2008

Environmental Resources Management Australia Pty Ltd
PO Box 71,
THORNTON NSW 2322

Attention: Robert Meinke

**RE: Kings Avenue
TERRIGAL**

Note 1:	Lot 202 DP 831864
Note 2:	Lot 9 DP 876102
Note 3:	Lot 4 DP 37914

Note 1:

Current Search

Folio Identifier 202/831864 (attached)
DP 831864 (plan attached)
Dated 13 June 2008
Registered Proprietor:
CRIGHTON PROPERTIES PTY LIMITED

Folio Identifier 104/430463

Certificate of Title Volume 1892 Fol 201

Summary of Proprietors

Lot 202 DP 831864

◆◆◆◆

Note 2:

Current Search

Folio Identifier 9/876102 (attached)
DP 876102 (plan attached)
Dated 13 June 2008
Registered Proprietor:
JOHN MICHAEL OLZOMER
PAMELA ANN OLZOMER

Title Tree
Lot 9 DP 876102

Folio Identifier 9/876102

Folio Identifier 15/873969

(a)

(b)

Folio Identifier 6/37914

CA 59095

CTVol 14240 Fol 183

Conveyance Book 3594 No 999

IVA 50598

/

Conveyance Book 1898 No 63

Conveyance Book 1893 No 999

Conveyance Book 1460 No 500

Conveyance Book 1111 No 394

Conveyance Book 954 No 463

Summary of Proprietors Lot 9 DP 876102

Year

Proprietor

	(Lot 9 DP 876102)
1998 – todate	John Michael Olzomer, builder Pamela Ann Olzomer
	(Lot 15 DP 873969)
1998 – 1998	John Michael Olzomer, builder Pamela Ann Olzomer

See Notes (a) & (b)

Note (a)

	(Lot 6 DP 37914)
1988 – 1998	John Michael Olzomer, builder Pamela Ann Olzomer
	(Lot 6 DP 37914 – CTVol 14240 Fol 183)
1984 – 1988	John Michael Olzomer, builder Pamela Ann Olzomer
1983 – 1984	Roy Dale Parker
1980 – 1983	Thomas Frederick King, retired
	(Part Lot 5 & Lot 6 of the Bellbird Estate – Area 14 Acres 3 Roods 18 Perches)
1941 – 1980	Thomas Frederick King, farmer
1941 – 1941	Arthur Oliver Harrigan, farmer
1941 – 1941	Commercial Bank of Australia Limited
	(Part Portion 103 Parish Kincumber – Area 64 Acres 0 Roods 16 Perches)
1927 – 1941	Victor Eric Wilson, orchardist
1920 – 1927	Rachel Wilson, widow
1917 – 1920	Victor Eric Wilson, orchardist
1911 – 1917	Alfred George Aldrick, orchardist

Note (b)

	(Lot 1 DP 155116 – Area 4 Acres 3 Roods 5 Perches)
1984 – 1998	John Michael Olzomer, builder Pamela Ann Olzomer
1982 – 1984	Roy Dale Parker, executor
	(Part Lot 5 & Lot 6 of the Bellbird Estate – Area 14 Acres 3 Roods 18 Perches)
1941 – 1982	Thomas Frederick King, farmer
1941 – 1941	Arthur Oliver Harrigan, farmer
1941 – 1941	Commercial Bank of Australia Limited
	(Part Portion 103 Parish Kincumber – Area 64 Acres 0 Roods 16 Perches)
1927 – 1941	Victor Eric Wilson, orchardist
1920 – 1927	Rachel Wilson, widow
1917 – 1920	Victor Eric Wilson, orchardist
1911 – 1917	Alfred George Aldrick, orchardist

Note 3:

Current Search

Folio Identifier 4/37914 (attached)
DP 37914 (plan attached)
Dated 13 June 2008
Registered Proprietor:
CRIGHTON PROPERTIES PTY LIMITED

**Title Tree
Lot 4 DP 37914**

Folio Identifier 4/37914

Certificate of Title Volume 14255 Fol 175

IVA 50597

Conveyance Book 1970 No 948

Conveyance Book 1898 No 64

Conveyance Book 1893 No 999

Conveyance Book 1460 No 500

Conveyance Book 1111 No 394

Conveyance Book 954 No 463

Summary of Proprietors Lot 4 DP 37914

Year	Proprietor
	(Lot 4 DP 37914)
1992 – todate	Crighton Properties Pty Limited
1989 – 1992	Norma Lynette Gee
1988 – 1989	Reginald Norman King, orchard hand
	(Lot 4 & Part Lot 5 of Bellbird Estate – Area 24 Acres 3 Roods 28 Perches)
1945 – 1988	Reginald Norman King, farmer
1941 – 1945	Geoffrey Riderick Michelsen, farmer
	(Part Portion 103 Parish Kincumber & other lands)
1941 – 1941	Arthur Oliver Harrigan, farmer
1941 – 1941	Commercial Bank of Australia Limited
	(Part Portion 103 Parish Kincumber – Area 64 Acres 0 Roods 16 Perches)
1927 – 1941	Victor Eric Wilson, orchardist
1920 – 1927	Rachel Wilson, widow
1917 – 1920	Victor Eric Wilson, orchardist
1911 – 1917	Alfred George Aldrick, orchardist

Cadastral Records Enquiry Report

Requested Parcel : Lot 9 DP 876102

LGA : GOSFORD

Parish : KINCUMBER

Identified Parcel : Lot 9 DP 876102

County : NORTHUMBERLAND

Ref : Box 97 - Terrigal





Cadastral Records Enquiry Report

Requested Parcel : Lot 4 DP 37914

LGA : GOSFORD

Parish : KINCUMBER

Identified Parcel : Lot 4 DP 37914

County : NORTHUMBERLAND

Ref : Box 97 - Terrigal



GOSFORD
CITY
COUNCIL

DP 381971

1

4

DP 37914

3

DP 868541

DP 807712

PORT JACKSON RD

DEWRANG RD



(c) Copyright NSW Department of Lands. Map Projection : MGA Zone

Information Provided Through
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Title Search

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An Approved LPI NSW
Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 202/831864

SEARCH DATE	TIME	EDITION NO	DATE
13/6/2008	7:47 PM	13	9/10/2006

LAND

LOT 202 IN DEPOSITED PLAN 831864
AT TERRIGAL
LOCAL GOVERNMENT AREA GOSFORD
PARISH OF KINCUMBER COUNTY OF NORTHUMBERLAND
TITLE DIAGRAM DP831864

FIRST SCHEDULE

CRIGHTON PROPERTIES PTY. LIMITED

SECOND SCHEDULE (5 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 EASEMENT(S) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE
DIAGRAM CREATED BY:
J519898 EASEMENT FOR TRANSMISSION LINE 15.24 WIDE
Q609725 EASEMENT FOR TRANSMISSION LINE 15 WIDE
- 3 DP854233 RIGHT OF CARRIAGEWAY 8 WIDE AND VARIABLE AFFECTING
THE PART(S) SHOWN SO BURDENED IN IN DP854233
- 4 AC435400 EASEMENT FOR ELECTRICITY PURPOSES 3 & 3.5 WIDE
AFFECTING THE PART DESIGNATED E IN THE PLAN WITH
AC435400
- 5 AC651866 MORTGAGE TO ST. GEORGE BANK LIMITED

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

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Historical Search

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

13/6/2008 7:50PM

FOLIO: 202/831864

First Title(s): OLD SYSTEM

Prior Title(s): 104/430463

Recorded	Number	Type of Instrument	C.T. Issue
22/7/1993	DP831864	DEPOSITED PLAN	FOLIO CREATED EDITION 1
3/11/1995	0661283	DISCHARGE OF MORTGAGE	EDITION 2
6/11/1995	DP854233	DEPOSITED PLAN	EDITION 3
19/8/1996	2390749	CAVEAT	
22/7/1997	3238857	MORTGAGE	EDITION 4
12/2/1999	5596460	WITHDRAWAL OF CAVEAT	
12/2/1999	5596461	DISCHARGE OF MORTGAGE	EDITION 5
29/3/1999	5712892	MORTGAGE	EDITION 6
19/3/2001	7481234	TRANSMISSION APPLICATION	EDITION 7
1/5/2001	7567915	DISCHARGE OF MORTGAGE	
1/5/2001	7567916	MORTGAGE	EDITION 8
29/5/2001	7646759	VARIATION OF MORTGAGE	EDITION 9
11/9/2003	9961746	VARIATION OF MORTGAGE	EDITION 10
1/7/2005	AB595717	VARIATION OF MORTGAGE	EDITION 11
6/7/2006	AC435400	GRANT OF EASEMENT	EDITION 12
9/10/2006	AC651865	DISCHARGE OF MORTGAGE	
9/10/2006	AC651866	MORTGAGE	EDITION 13

*** END OF SEARCH ***

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

13/6/2008 7:53PM

FOLIO: 104/430463

First Title(s): OLD SYSTEM
Prior Title(s): VOL 5281 FOL 182

Recorded	Number	Type of Instrument	C.T. Issue
21/4/1993		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
20/7/1993	DP831864	DEPOSITED PLAN	FOLIO CANCELLED RESIDUE REMAINS

*** END OF SEARCH ***

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Title Search

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 9/876102

SEARCH DATE	TIME	EDITION NO	DATE
13/6/2008	7:48 PM	1	7/5/1998

LAND

LOT 9 IN DEPOSITED PLAN 876102
AT TERRIGAL
LOCAL GOVERNMENT AREA GOSFORD
PARISH OF KINCUMBER COUNTY OF NORTHUMBERLAND
TITLE DIAGRAM DP876102

FIRST SCHEDULE

JOHN MICHAEL OLZOMER
PAMELA ANN OLZOMER
AS JOINT TENANTS

SECOND SCHEDULE (2 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 W440640 MORTGAGE TO AUSTRALIA AND NEW ZEALAND BANKING GROUP LIMITED

NOTATIONS

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

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

ERM - Terrigal ALSP

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Historical Search

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

13/6/2008 7:51PM

FOLIO: 9/876102

First Title(s): OLD SYSTEM

Prior Title(s): 15/873969

Recorded	Number	Type of Instrument	C.T. Issue
7/5/1998	DP876102	DEPOSITED PLAN	FOLIO CREATED EDITION 1

*** END OF SEARCH ***

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

13/6/2008 7:54PM

FOLIO: 15/873969

First Title(s): OLD SYSTEM
Prior Title(s): 6/37914 CA59095

Recorded	Number	Type of Instrument	C.T. Issue
20/1/1998	CA59095	CONVERSION ACTION	FOLIO CREATED EDITION 1
7/5/1998	DP876102	DEPOSITED PLAN	FOLIO CANCELLED RESIDUE REMAINS

*** END OF SEARCH ***

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

13/6/2008 7:55PM

FOLIO: 6/37914

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 14240 FOL 183

Recorded	Number	Type of Instrument	C.T. Issue
21/8/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
1/12/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
23/2/1989	Y195654	REQUEST	EDITION 1
19/1/1998	DP873969	DEPOSITED PLAN	FOLIO CANCELLED

*** END OF SEARCH ***

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Title Search

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 4/37914

SEARCH DATE	TIME	EDITION NO	DATE
13/6/2008	7:49 PM	5	30/8/2005

LAND

LOT 4 IN DEPOSITED PLAN 37914
LOCAL GOVERNMENT AREA GOSFORD
PARISH OF KINCUMBER COUNTY OF NORTHUMBERLAND
TITLE DIAGRAM DP37914

FIRST SCHEDULE

CRIGHTON PROPERTIES PTY LIMITED (DD E883233)

SECOND SCHEDULE (3 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 0442143 MORTGAGE TO BANK OF SOUTH AUSTRALIA LIMITED
- 3 AB729338 MORTGAGE TO ST. GEORGE BANK LIMITED

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

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Historical Search

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

13/6/2008 7:52PM

FOLIO: 4/37914

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 14255 FOL 175

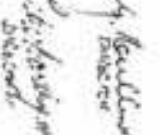
Recorded	Number	Type of Instrument	C.T. Issue
21/8/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
1/12/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
31/10/1989	Y678566	TRANSMISSION APPLICATION	EDITION 1
11/8/1992	E671264	TRANSFER	
11/8/1992	E671265	MORTGAGE	EDITION 2
6/11/1992	E883233	DEPARTMENTAL DEALING	
6/11/1992	E869289	MORTGAGE	EDITION 3
8/8/1995	O442141	DISCHARGE OF MORTGAGE	
8/8/1995	O442142	DISCHARGE OF MORTGAGE	
8/8/1995	O442143	MORTGAGE	EDITION 4
30/8/2005	AB729338	MORTGAGE	EDITION 5

*** END OF SEARCH ***

ERM - Terrigal ALSP

PRINTED ON 13/6/2008

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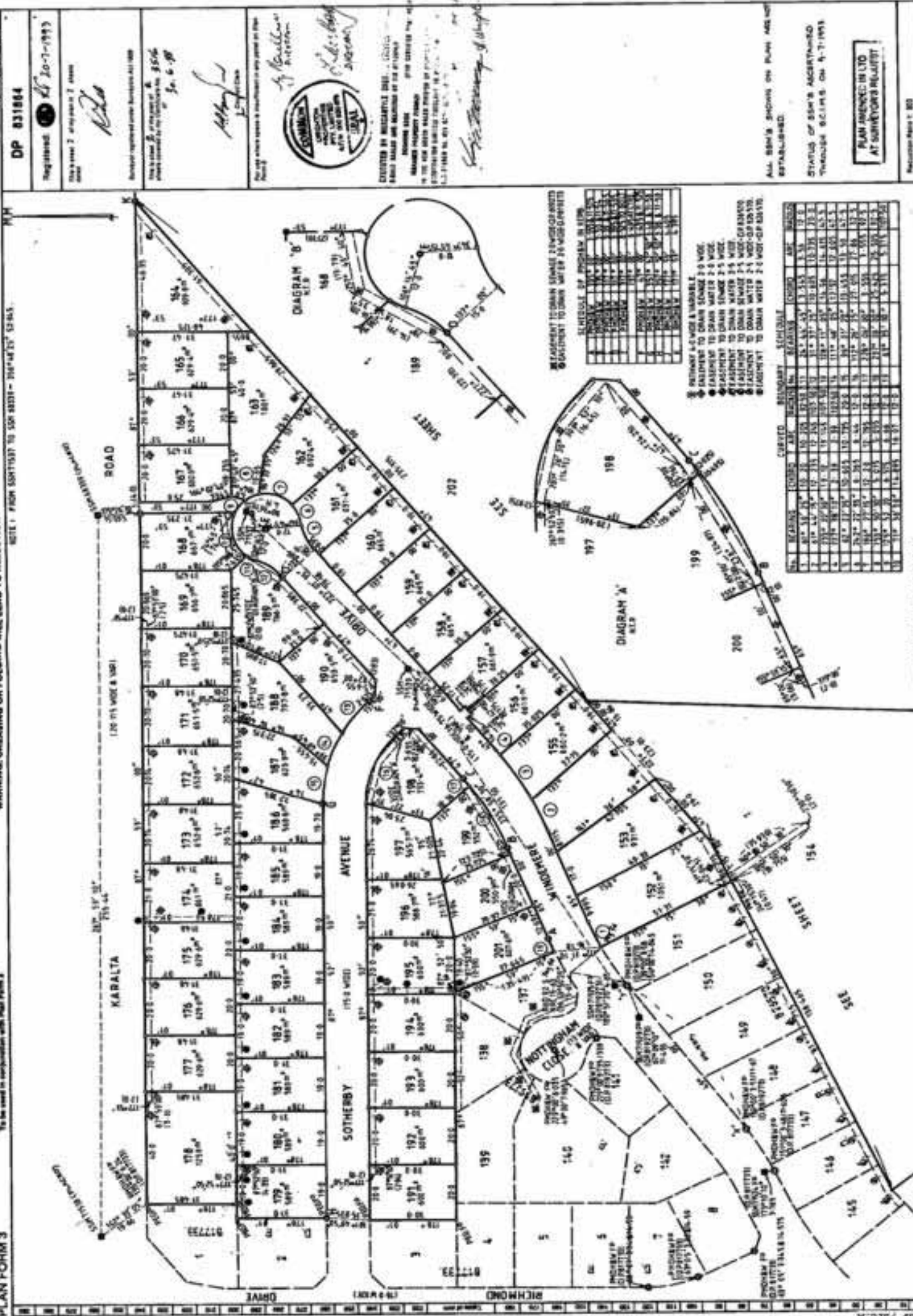


[Handwritten signature]

41-ATLANTA 15 0000N 78-00W 24 0000
 42-LAURENTO 15 0000N 78-00W 24 0000
 43-LAURENTO 15 0000N 78-00W 24 0000
 44-LAURENTO 15 0000N 78-00W 24 0000
 45-LAURENTO 15 0000N 78-00W 24 0000
 46-LAURENTO 15 0000N 78-00W 24 0000
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 48-LAURENTO 15 0000N 78-00W 24 0000
 49-LAURENTO 15 0000N 78-00W 24 0000
 50-LAURENTO 15 0000N 78-00W 24 0000

[illegible]

NOTE: FROM SOUTH 153° TO 150° 30' 00" - 150° 45' 00" 152 44.5



NOTE: LOT'S BOUND NOT ESTABLISHED

Plan Drawing only to appear in this space

DP 831864

Registered: 20-7-1993

This is a plan 2 of 2

Standard registered under Subordinate Act 1988

This is a plan 2 of 2

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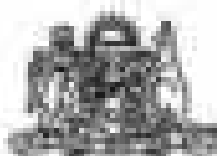
This is a plan 2 of 2



Abstract

1000

14240 150



1000

19 10 2000

It is hereby declared that the person described in this Plan is entitled to the unpaid portion of the compensation award in the best interests of the estate of the decedent.

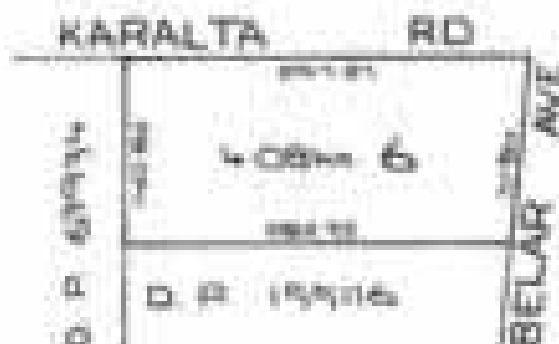
CANCELLED



SEE ALSO 170000



DOI: 10.1002/for



Keywords: child sexual abuse; disclosure; social support

REDUCTION RATIO MODEL

[illegible]

Notice is hereby given that it is requested that \$1000 of wages in the City of London
County of Middlesex and County of Northampton being part of British Lys granted to
James Thomas on 1/1/1880.

100

[illegible]

1. Instructions and conditions, if any, contained in the Open Book above referred to.
2. Notice, the last clause thereof to wit subject to any existing law or laws in force in the State of New Hampshire, 1900. $\frac{1}{2}$ - 1/100

1997

100

07-03-10

1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 26

FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR

Buy-Date Parker by transmission 1622894 Registered 11-7-83
John Michael Olzomer and Pamela Ann Olzomer as joint tenants by Transfer V277295 Registered 16-8-1984

INSTRUMENT
NATURE NUMBER REGISTERED Signature of Registrar General

V277295 T911
W440640 M R

CANCELLED

SEE AUTO FOLIO

SECOND SCHEDULE (continued)

INSTRUMENT
NATURE NUMBER REGISTERED Signature of Registrar General CANCELLATION

W440640 Mortgage to Australia and New Zealand Banking Group Limited Registered 5-8-1986



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

NEW SOUTH WALES

IVA No. 50597

CERTIFICATE OF TITLE

REAL PROPERTY ACT, 1900



Vol. 14255 Fol. 175



EDITION ISSUED

16 10 1980

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

CANCELLED

Registrar General.



PLAN SHOWING LOCATION OF LAND

SEE AUTO FOLIO

LENGTHS ARE IN METRES



NA 50597-228

REDUCTION RATIO 1:5000

ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 4 in Deposited Plan 37914 in the City of Gosford Parish of Kincumber and County of Northumberland being part of Portion 102 granted to John Carney on 2-9-1856.

FIRST SCHEDULE

REGINALD NORMAN KING of Terrigal, Orchard Hand.

SECOND SCHEDULE

- GRY. 1. Reservations and conditions, if any, contained in the Crown Grant above referred to.
AG 2. CAUTION. The land within described is held subject to any subsisting interest (as defined in Section 28A Real Property Act, 1900). 16-10-1980

B97

/Req: B440054
/Doc: CT 14255-175
/Prt: 16-Jun-2008

FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR

REGISTERED PROPRIETOR
NATURE NUMBER

REGISTERED
Signature of Registrar General

CANCELLED

SEE AUTO FOLIO

SECOND SCHEDULE (continued)

REGISTERED
NATURE NUMBER

PARTICULARS

REGISTERED
Signature of Registrar General

CANCELLATION

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

B97

/Req: B440052

/Doc: DL E671264

/Prt: 16-Jun-2008

TRANSFER

Real Property Act, 1900

B

Office



E
671264 Q



00178

10/0041/4007 40 1740 4007

(A) **LAND TRANSFERRED**

Show no more than 20 References to Title.
If appropriate, specify the share transferred.

FOLIO IDENTIFIER 4/37914

(B) **LODGED BY**

L.T.O. Box

28A

Name, Address or DX and Telephone

GALLOP & CO.

Phone: 303-1011
DX 340,

Fax: 303-1011
L.T.O. Delivery cut

REFERENCE (max. 15 characters): JAYCO-GEE

(C) **TRANSFEROR**

NORMA LYNETTE GEE

(D) acknowledges receipt of the consideration of \$798,000.00

and as regards the land specified above transfers to the transferee an estate in fee simple

(E) subject to the following ENCUMBRANCES 1. NIL 2. NIL 3. NIL

(F) **TRANSFEEE**

T

CRIGHTON PROPERTIES PTY LIMITED (ACN No. 000830875)

of 22 Dalgety Crescent, Green Point

as joint tenants/tenants in common

(H) We certify this dealing correct for the purposes of the Real Property Act, 1900. DATE OF EXECUTION

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

Neil Singh
Signature of Witness
P. C. W. JAYASINHA

Name of Witness (BLOCK LETTERS)

5/112 Mc ESPLA WADE, TERRAL
Address of Witness
SOLICITOR

M. L. GEE
Signature of Transferor

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

Signature of Witness

Name of Witness (BLOCK LETTERS)

Address of Witness



THE COMMON SEAL of CRIGHTON PROPERTIES PTY. LIMITED was hereunto affixed by authority of its Board of Directors in the presence of:

Secretary

Signature of Director

31/7/92

INSTRUCTIONS FOR FILING OUT THIS FORM ARE AVAILABLE FROM THE LAND TITLES OFFICE

CHECKED BY (office use only)

No. 8131621 MORTGAGE dated 21st March 1922
from the said Agency Bank to the Commercial
Bank of Australia Limited
Produced and entered 25th September 1924
at 12 o'clock in the afternoon
W. H. Keane
REGISTRAR GENERAL

Application by Transmission by Deed of the within
and is recorded 21st March 1922 at 12 o'clock in the afternoon
at 12 o'clock in the afternoon
in pursuance of the Act
W. H. Keane
REGISTRAR GENERAL

No. 8131621 DISCHARGE of within Mortgage
dated 23rd October 1924
Produced 24th October 1924 and entered
24th October 1924
at 12 o'clock in the afternoon
W. H. Keane
REGISTRAR GENERAL

No. 8131621 MORTGAGE dated 21st October 1924
from the said Agency Bank to the Commercial
Bank of Australia Limited
Produced and entered 24th October 1924
at 12 o'clock in the afternoon
W. H. Keane
REGISTRAR GENERAL

No. 8131621 MORTGAGE dated 21st October 1924
from the said Agency Bank to the Commercial
Bank of Australia Limited
Produced and entered 24th October 1924
at 12 o'clock in the afternoon
W. H. Keane
REGISTRAR GENERAL

No. 8131621 DISCHARGE of within Mortgage
dated 24th October 1924
Produced 24th October 1924 and entered
24th October 1924
at 12 o'clock in the afternoon
W. H. Keane
REGISTRAR GENERAL

No. 8131621 APPLICATION BY TRANSMISSION
dated 24th October 1924
Produced 24th October 1924 and entered
24th October 1924
at 12 o'clock in the afternoon
W. H. Keane
REGISTRAR GENERAL

No. 8131621 DISCHARGE of within Mortgage
dated 24th October 1924
Produced 24th October 1924 and entered
24th October 1924
at 12 o'clock in the afternoon
W. H. Keane
REGISTRAR GENERAL

No. 8131621 TRANSFER dated 24th October 1924
from the said Agency Bank to the Commercial
Bank of Australia Limited
Produced 24th October 1924 and entered
24th October 1924
at 12 o'clock in the afternoon
W. H. Keane
REGISTRAR GENERAL

W. H. Keane

Annex D

Results of 2km Borehole Search

Date/Time :27-Jun-2008 3:50 PM
 User :PCLARKE
 Report :RMGW001D.QRP
 Executable :S:\G5\PROD32\Ground.exe
 Exe Date :13-Sep-2007
 System :Groundwater
 Database :Edbp

DEPARTMENT OF WATER AND ENERGY

Work Summary

GW014427

Converted From HYDSYS

Licence :20BL122149		Licence Status Lapsed	
Work Type :Well		Authorised Purpose(s)	Intended Purpose(s)
Work Status :(Unknown)		DOMESTIC	STOCK
Construct. Method :Hand Dug		IRRIGATION	
Owner Type :Private		STOCK	
Commenced Date :	Final Depth :	3.00 m	
Completion Date :	Drilled Depth :	3.00 m	
Contractor Name :			
Driller :			
Assistant Driller's Name :			
Property : - N/A		Standing Water Level :	
GWMA : -		Salinity :	(Unknown)
GW Zone : -		Yield :	

Site Details

Site Chosen By	County	Parish	Portion/Lot DP
	Form A :NORTHUMBERLAND	KINCUMBER	122
	Licensed :NORTHUMBERLAND	KINCUMBER	PT122
Region :10 - SYDNEY SOUTH COAST		CMA Map :9131-2S	GOSFORD
River Basin :212 - HAWKESBURY RIVER		Grid Zone :56/1	Scale :1:25,000
Area / District :			
Elevation :		Northing :6296670	Latitude (S) :33° 27' 33"
Elevation Source :(Unknown)		Easting :352239	Longitude (E) :151° 24' 36"
GS Map :0055B2	MGA Zone :56	Coordinate Source :GD.,PR. MAP	

Construction Negative depths indicate Above Ground Level;

H-Hole;P-Pipe;OD-Outside Diameter;ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity;PL-Placement of Gravel Pack;PC-Pressure Cemented;S-Sump;CE-

Centralis Component Type	From (m)	To (m)	OD (mm)	ID (mm)	Interval	Details
1 1 Casing Timber	0.00	0.00	1828			(Unknown)

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
3.00	3.00	0.00	Unconsolidated	0.60		0.38			(Unknown)

Drillers Log

From (m)	To (m)	Thickness(m)	Drillers Description	Geological Material	Comments
0.00	3.04	3.04	Soil Water Supply	Soil	

Remarks

*** End of GW014427 ***

DEPARTMENT OF WATER AND ENERGY

Work Summary

GW024553

Converted From HYDSYS

Licence :20BL015203		Licence Status :Active	Intended Purpose(s) GENERAL USE
Work Type :Bore open thru rock		Authorised Purpose(s) DOMESTIC	
Work Status :(Unknown)			
Construct. Method :Rotary Air			
Owner Type :Private			
Commenced Date :	Final Depth :	30.40 m	
Completion Date :01-May-1965	Drilled Depth :	30.50 m	
Contractor Name :			
Driller :			
Assistant Driller's Name :			
Property : - N/A		Standing Water Level :	
GWMA :603 - SYDNEY BASIN		Salinity :	(Unknown)
GW Zone : -		Yield :	

Site Details

Site Chosen By		County	Parish	Portion/Lot DP
		Form A :NORTHUMBERLAND	KINCUMBER	94
		Licensed :NORTHUMBERLAND	KINCUMBER	PT 94
Region :10 - SYDNEY SOUTH COAST		CMA Map :9131-2S	GOSFORD	
River Basin :212 - HAWKESBURY RIVER		Grid Zone :56/1	Scale :1:25,000	
Area / District :				
Elevation :		Northing :6296835	Latitude (S) :33° 27' 28"	
Elevation Source :(Unknown)		Easting :353264	Longitude (E) :151° 25' 16"	
GS Map :0055B2		MGA Zone :56	Coordinate Source :GD.,PR. MAP	

Construction

Negative depths indicate Above Ground Level;

H-Hole;P-Pipe;OD-Outside Diameter;ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity;PL-Placement of Gravel Pack;PC-Pressure Cemented;S-Sump;CE-Cemented;Component Type

From (m) To (m) OD (mm) ID (mm) Interval Details

(No Construction Details Found)

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)
(No Water Bearing Zone Details Found)									

Drillers Log

From (m)	To (m)	Thickness(m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Soil	Soil	
0.30	7.62	7.32	Clay	Clay	
7.62	13.71	6.09	Sandstone	Sandstone	
13.71	30.48	16.77	Shale	Shale	

Remarks

*** End of GW024553 ***

DEPARTMENT OF WATER AND ENERGY

Work Summary

GW038180

Converted From HYDSYS

Licence :20BL116875		Licence Status Active	
Work Type :Bore open thru rock		Authorised Purpose(s)	Intended Purpose(s)
Work Status :(Unknown)		DOMESTIC	IRRIGATION
Construct. Method :Rotary		STOCK	
Owner Type :Private			
Commenced Date :	Final Depth :	51.80 m	
Completion Date :01-Jul-1975	Drilled Depth :	51.80 m	
Contractor Name :			
Driller :			
Assistant Driller's Name :			
Property : - N/A		Standing Water Level :	
GWMA : -		Salinity :	(Unknown)
GW Zone : -		Yield :	

Site Details

Site Chosen By		County	Parish	Portion/Lot DP
		Form A :NORTHUMBERLAND	KINCUMBER	L2 DP101384 (118)
		Licensed :NORTHUMBERLAND	KINCUMBER	L2 DP101384 (P+ Por#
Region :10 - SYDNEY SOUTH COAST		CMA Map :9131-2S	GOSFORD	
River Basin :210 - HUNTER RIVER		Grid Zone :56/1	Scale :1:25,000	
Area / District :				
Elevation :		Northing :6296300	Latitude (S) :33° 27' 45"	
Elevation Source :(Unknown)		Easting :352529	Longitude (E) :151° 24' 47"	
GS Map :0055B2	MGA Zone :56	Coordinate Source :GD.,PR. MAP		

Construction

Negative depths indicate Above Ground Level;

H-Hole;P-Pipe;OD-Outside Diameter;ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity;PL-Placement of Gravel Pack;PC-Pressure Cemented;S-Sump;CE-

Component	Type	From (m)	To (m)	OD (mm)	ID (mm)	Interval	Details
1	1	Casing	P.V.C.	0.20	12.30	127	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)
44.10	44.10	0.00	Consolidated	22.50		0.82			(Unknown)

Drillers Log

From (m)	To (m)	Thickness(m)	Drillers Description	Geological Material	Comments
0.00	0.22	0.22	Soil	Soil	
0.22	1.37	1.15	Clay Stones	Clay	
1.37	6.70	5.33	Clay	Clay	
6.70	7.62	0.92	Ironstone	Ironstone	
7.62	10.36	2.74	Clay	Clay	
10.36	13.41	3.05	Sandstone	Sandstone	
13.41	36.57	23.16	Shale Water Supply	Shale	
36.57	51.81	15.24	Sandstone	Sandstone	

Remarks

*** End of GW038180 ***

DEPARTMENT OF WATER AND ENERGY

Work Summary

GW047585

Converted From HYDSYS

Licence : 20BL141597	Licence Status : Active	Intended Purpose(s)
Work Type : Bore open thru rock	Authorised Purpose(s)	
Work Status : (Unknown)	DOMESTIC	
Construct. Method : Rotary		
Owner Type : Private		
Commenced Date : 30-May-1980	Final Depth :	58.00 m
Completion Date : 31-May-1980	Drilled Depth :	58.00 m
Contractor Name :		
Driller :		
Assistant Driller's Name :		
Property : - N/A	Standing Water Level :	18.00 m
GWMA : -	Salinity :	(Unknown)
GW Zone : -	Yield :	4.40 L/s

Site Details

Site Chosen By	County	Parish	Portion/Lot DP
	Form A : NORTHUMBERLAND	KINCUMBER	L155 DP1976 (175)
	Licensed : NORTHUMBERLAND	KINCUMBER	155 1976
Region : 10 - SYDNEY SOUTH COAST	CMA Map : 9131-2S	GOSFORD	
River Basin : 212 - HAWKESBURY RIVER	Grid Zone : 56/1	Scale : 1:25,000	
Area / District :			
Elevation :	Northing : 6299320	Latitude (S) : 33° 26' 7"	
Elevation Source : (Unknown)	Easting : 352024	Longitude (E) : 151° 24' 29"	
GS Map : 0055B2	MGA Zone : 56	Coordinate Source :	

Construction

Negative depths indicate Above Ground Level;

H-Hole;P-Pipe;OD-Outside Diameter;ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity;PL-Placement of Gravel Pack;PC-Pressure Cemented;S-Sump;CE-

Component	Type	From (m)	To (m)	OD (mm)	ID (mm)	Interval	Details
1	1 Casing	PVC Class 9	0.00	12.00	155		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)
45.00	46.00	1.00	Consolidated	18.00		2.20			(Unknown)
51.00	52.00	1.00	Consolidated	18.00		2.20			(Unknown)

Drillers Log

From (m)	To (m)	Thickness(m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Soil	Soil	
1.00	12.00	11.00	Clay Shale Interlayere	Clay	
12.00	30.00	18.00	Sandstone	Sandstone	
30.00	39.00	9.00	Shale	Shale	
39.00	58.00	19.00	Sandstone Water Supply	Sandstone	

Remarks

*** End of GW047585 ***

DEPARTMENT OF WATER AND ENERGY

Work Summary

GW048464

Converted From HYDSYS

Licence :20BL108042	Licence Status Active	Intended Purpose(s)
Work Type :Bore open thru rock	Authorised Purpose(s)	GENERAL USE
Work Status :(Unknown)	DOMESTIC	
Construct. Method :Rotary Air	STOCK	
Owner Type :Private		
Commenced Date :	Final Depth :	30.50 m
Completion Date :01-Apr-1978	Drilled Depth :	30.50 m
Contractor Name :		
Driller :		
Assistant Driller's Name :		
Property : - N/A	Standing Water Level :	
GWMA : -	Salinity :	Good
GW Zone : -	Yield :	

Site Details

Site Chosen By	County	Parish	Portion/Lot DP
	Form A :NORTHUMBERLAND	KINCUMBER	L1 (103)
	Licensed :NORTHUMBERLAND	KINCUMBER	L1 (P+ Port 103)
Region :10 - SYDNEY SOUTH COAST	CMA Map :9131-2S	GOSFORD	
River Basin :212 - HAWKESBURY RIVER	Grid Zone :56/1	Scale :1:25,000	
Area / District :			
Elevation :	Northing :6298390	Latitude (S) :33° 26' 38"	
Elevation Source :(Unknown)	Easting :353079	Longitude (E) :151° 25' 10"	
GS Map :0055B2	MGA Zone :56	Coordinate Source :	

Construction

Negative depths indicate Above Ground Level;

H-Hole;P-Pipe;OD-Outside Diameter;ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity;PL-Placement of Gravel Pack;PC-Pressure Cemented;S-Sump;CE-

Central Component	Type	From (m)	To (m)	OD (mm)	ID (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	18.00	127	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)
15.00	15.10	0.10	(Unknown)			0.10			(Unknown)
21.40	21.50	0.10	(Unknown)	6.40		1.20			Good

Drillers Log

From (m)	To (m)	Thickness(m)	Drillers Description	Geological Material	Comments
0.00	15.00	15.00	Clay	Clay	
15.00	15.10	0.10	Water Supply	(Unknown)	
15.10	21.40	6.30	Sandstone Grey	Sandstone	
21.40	21.50	0.10	Water Supply	(Unknown)	
21.50	30.50	9.00	Sandstone	Sandstone	

Remarks

*** End of GW048464 ***

DEPARTMENT OF WATER AND ENERGY

Work Summary

GW058094

Converted From HYDSYS

Licence : 20BL123873	Licence Status : Active	Intended Purpose(s)
Work Type : Bore open thru rock	Authorised Purpose(s)	DOMESTIC
Work Status : Supply Obtained	DOMESTIC	
Construct. Method : Rotary		
Owner Type : Private		
Commenced Date :	Final Depth : 20.00 m	
Completion Date : 01-Feb-1983	Drilled Depth : 23.00 m	
Contractor Name :		
Driller :		
Assistant Driller's Name :		
Property : - N/A	Standing Water Level :	
GWMA : -	Salinity :	(Unknown)
GW Zone : -	Yield :	

Site Details

Site Chosen By	County	Parish	Portion/Lot DP
	Form A : NORTHUMBERLAND	KINCUMBER	L1 DP259809 (176)
	Licensed : NORTHUMBERLAND	KINCUMBER	1 259809
Region : 10 - SYDNEY SOUTH COAST	CMA Map : 9131-2S	GOSFORD	
River Basin : 212 - HAWKESBURY RIVER	Grid Zone : 56/1	Scale : 1:25,000	
Area / District :			
Elevation :	Northing : 6298654	Latitude (S) : 33° 26' 28"	
Elevation Source : (Unknown)	Easting : 351175	Longitude (E) : 151° 23' 56"	
GS Map : 0055B2	MGA Zone : 56	Coordinate Source :	

Construction

Negative depths indicate Above Ground Level;

H-Hole;P-Pipe;OD-Outside Diameter;ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity;PL-Placement of Gravel Pack;PC-Pressure Cemented;S-Sump;CE-

General Component Type **From (m)** **To (m)** **OD (mm)** **ID (mm)** **Interval** **Details**

1	Backfill	Backfill	20.00	23.00	0		
1	1	Casing	P.V.C.	0.00	12.00	120	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)
2.00	18.00	16.00	(Unknown)	6.00					(Unknown)

Drillers Log

From (m)	To (m)	Thickness(m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	Soil	Soil	
2.00	23.00	21.00	Rock Water Bearing	Rock	

Remarks

*** End of GW058094 ***

DEPARTMENT OF WATER AND ENERGY

Work Summary

GW059363

Converted From HYDSYS

Licence :20BL158560		Licence Status Active	
Work Type :Bore open thru rock		Authorised Purpose(s)	Intended Purpose(s)
Work Status :(Unknown)		STOCK	STOCK
Construct. Method :Cable Tool			
Owner Type :Private			
Commenced Date :	Final Depth :	26.00 m	
Completion Date :01-Jan-1984	Drilled Depth :	26.00 m	
Contractor Name :			
Driller :1435		ISELT, John Hans	
Assistant Driller's Name :			
Property : - N/A		Standing Water Level :	
GWMA : -		Salinity :	Fresh
GW Zone : -		Yield :	0.70 L/s

Site Details

Site Chosen By		County	Parish	Portion/Lot DP
		Form A :NORTHUMBERLAND	KINCUMBER	LOTB DP938485
		Licensed :NORTHUMBERLAND	KINCUMBER	B 938485
Region :10 - SYDNEY SOUTH COAST		CMA Map :9131-2S	GOSFORD	
River Basin :212 - HAWKESBURY RIVER		Grid Zone :56/1	Scale :1:25,000	
Area / District :				
Elevation :		Northing :6296824	Latitude (S) :33° 27' 28"	
Elevation Source :(Unknown)		Easting :352417	Longitude (E) :151° 24' 43"	
GS Map :0055B2		MGA Zone :56	Coordinate Source :GD,ACC.MAP	

Construction

Negative depths indicate Above Ground Level;

H-Hole;P-Pipe;OD-Outside Diameter;ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity;PL-Placement of Gravel Pack;PC-Pressure Cemented;S-Sump;CE-

Centre	Component	Type	From (m)	To (m)	OD (mm)	ID (mm)	Interval	Details
1	Hole	Hole	0.00	26.00	152			Percussion
1	Casing	Welded Steel	-0.30	12.50	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)
18.30	18.50	0.20	Consolidated	18.00		0.18			Fresh
21.90	22.30	0.40	Consolidated	0.00		0.45			Fresh
23.90	24.10	0.20	Consolidated	0.00		0.70			Fresh

Drillers Log

From (m)	To (m)	Thickness(m)	Drillers Description	Geological Material	Comments
0.00	1.10	1.10	Soil Dark Sandy	Soil	
1.10	12.40	11.30	Clay Grey Silty	Clay	
12.40	18.30	5.90	Sandstone Yellow	Sandstone	
18.30	18.50	0.20	Sandstone Yellow Open Water Supply	Sandstone	
18.50	21.90	3.40	Sandstone Grey	Sandstone	
21.90	22.30	0.40	Sandstone Grey Open Water Supply	Sandstone	
22.30	23.90	1.60	Sandstone Grey	Sandstone	
23.90	24.10	0.20	Sandstone Grey Open Water Supply	Sandstone	
24.10	26.00	1.90	Sandstone Grey Green	Sandstone	

Remarks

PREVIOUS LIC. NO: 127412

*** End of GW059363 ***

DEPARTMENT OF WATER AND ENERGY

Work Summary

GW062137

Converted From HYDSYS

Licence :20BL142159		Licence Status :Active	Intended Purpose(s) IRRIGATION
Work Type :Excavation		Authorised Purpose(s) DOMESTIC	
Work Status :Supply Obtained		STOCK	
Construct. Method :< 100 sq.m.			
Owner Type :Private			
Commenced Date :	Final Depth :	6.00 m	
Completion Date :01-Jan-1983	Drilled Depth :	0.00	
Contractor Name :			
Driller :			
Assistant Driller's Name :			
Property : - N/A		Standing Water Level :	
GWMA : -		Salinity :	(Unknown)
GW Zone : -		Yield :	

Site Details

Site Chosen By		County	Parish	Portion/Lot DP
		Form A :NORTHUMBERLAND	KINCUMBER	175
		Licensed :NORTHUMBERLAND	KINCUMBER	PT175
Region :10 - SYDNEY SOUTH COAST		CMA Map :9131-2S	GOSFORD	
River Basin :212 - HAWKESBURY RIVER		Grid Zone :56/1	Scale :1:25,000	
Area / District :				
Elevation :		Northing :6299318	Latitude (S) :33° 26' 7"	
Elevation Source :(Unknown)		Easting :352302	Longitude (E) :151° 24' 40"	
GS Map :0055B2		MGA Zone :56	Coordinate Source :GD.,ACC.MAP	

Construction

Negative depths indicate Above Ground Level;

H-Hole;P-Pipe;OD-Outside Diameter;ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity;PL-Placement of Gravel Pack;PC-Pressure Cemented;S-Sump;CE-Cemented;Component Type

From (m) To (m) OD (mm) ID (mm) Interval Details

(No Construction Details Found)

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)
(No Water Bearing Zone Details Found)									

Drillers Log

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

*** End of GW062137 ***

DEPARTMENT OF WATER AND ENERGY

Work Summary

GW062138

Converted From HYDSYS

Licence :20BL141391		Licence Status :Active	Intended Purpose(s) IRRIGATION
Work Type :Well		Authorised Purpose(s) DOMESTIC	
Work Status :Supply Obtained		STOCK	
Construct. Method :Hand Dug			
Owner Type :Private			
Commenced Date :	Final Depth :	3.50 m	
Completion Date :01-Jan-1983	Drilled Depth :	0.00	
Contractor Name :			
Driller :			
Assistant Driller's Name :			
Property : - N/A		Standing Water Level :	
GWMA : -		Salinity :	(Unknown)
GW Zone : -		Yield :	

Site Details

Site Chosen By		County	Parish	Portion/Lot DP
		Form A :NORTHUMBERLAND	KINCUMBER	175
		Licensed :NORTHUMBERLAND	KINCUMBER	PT175
Region :10 - SYDNEY SOUTH COAST			CMA Map :9131-2S	GOSFORD
River Basin :212 - HAWKESBURY RIVER			Grid Zone :56/1	Scale :1:25,000
Area / District :				
Elevation :			Northing :6299317	Latitude (S) :33° 26' 7"
Elevation Source :(Unknown)			Easting :352224	Longitude (E) :151° 24' 37"
GS Map :0055B2		MGA Zone :56	Coordinate Source :GD.,ACC.MAP	

Construction

Negative depths indicate Above Ground Level;

H-Hole;P-Pipe;OD-Outside Diameter;ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity;PL-Placement of Gravel Pack;PC-Pressure Cemented;S-Sump;CE-

Component	Type	From (m)	To (m)	OD (mm)	ID (mm)	Interval	Details
1	1 Casing	Brick	0.00	0.00	0		(Unknown)

Water Bearing Zones

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

Drillers Log

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

*** End of GW062138 ***

DEPARTMENT OF WATER AND ENERGY

Work Summary

GW104444

Licence :20BL160775		Licence Status :Active	Intended Purpose(s) TEST BORE
Work Type :Bore		Authorised Purpose(s) TEST BORE	
Work Status :Supply Obtained			
Construct. Method :Rotary			
Owner Type :Private			
Commenced Date :	Final Depth :	50.00 m	
Completion Date :22-Aug-2002	Drilled Depth :	50.00 m	
Contractor Name :J.H. ISELT			
Driller :1674		ISELT, Paul John	
Assistant Driller's Name :			
Property : - N/A		Standing Water Level :	21.00 m
GWMA : -		Salinity :	
GW Zone : -		Yield :	1.10 L/s

Site Details

Site Chosen By Driller	County Form A :NORTHUMBERLAND Licensed :NORTHUMBERLAND	Parish KINCUMBER KINCUMBER	Portion/Lot DP LT 86 DP 6650 86 6650
Region :10 - SYDNEY SOUTH COAST		CMA Map :	
River Basin :		Grid Zone :	Scale :
Area / District :			
Elevation :		Northing :6297101	Latitude (S) :33° 27' 20"
Elevation Source :		Easting :353645	Longitude (E) :151° 25' 31"
GS Map :	MGA Zone :56	Coordinate Source :Map Interpretation	

Construction

Negative depths indicate Above Ground Level;

H-Hole;P-Pipe;OD-Outside Diameter;ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity;PL-Placement of Gravel Pack;PC-Pressure Cemented;S-Sump;CE-

Centreline Component	Type	From (m)	To (m)	OD (mm)	ID (mm)	Interval	Details
1	Hole	Hole	0.00	50.00	150		Down Hole Hammer

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)
45.00	45.50	0.50		21.00	50.00	1.10	50.00	1.00	

Drillers Log

From (m)	To (m)	Thickness(m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	TOPSOIL	Topsoil	
0.30	1.10	0.80	SANDY CLAY YELLOW	Sandy Clay Loam	
1.10	5.80	4.70	SANDSTONE CG. YELLOW LT.	Sandstone	
5.80	10.40	4.60	SANDY CLAY YELLOW	Sandy Clay Loam	
10.40	14.90	4.50	MUDSTONE DK. BROWN	Mudstone	
14.90	32.30	17.40	CLAYSTONE FG. GREY LT.	Claystone	
32.30	36.80	4.50	SANDSTONE CG. YELLOW DK/CLAY	Sandstone	
36.80	50.00	13.20	CLAYSTONE FG. GREY LT.	Claystone	

Remarks

Form A Remarks:

The bore was backfilled and grouted using a 5% Bentonite/Cement mix.

*** End of GW104444 ***

*** End of Report ***

Annex E

Aerial Photographs



N.S.W. 135-5152

GOSFORD RUN 12 16-5-54 LENS 157564 10" 11000

LANDSPHOTO



NSW
2878
82

GOSFORD
1:60 500
NSW 2878

RUN 6
10.8.80

5577m ASL
87.80mm
IST COPY

ITEM
DATE 85.4
TIME 10.00
PAGE 1





1096

UAG 1025 15145



NEW 3470

GOSFORD-WYONG 156 REV
1:16,300
NEW 3470 (M1677)

RUN 12
23-9-85



2621 m ASL
151.45 mm



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NEW GOVT
CMA CPA



12

2621 m ASL.

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