

NSW Office of Water

Work Summary

GW025890

Licence: 10BL014914

Licence Status: CONVERTED

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

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Other Govt

Commenced Date:

Completion Date: 01/07/1965

Final Depth: 31.30 m

Drilled Depth: 31.40 m

Contractor Name:

Driller:

Assistant Driller:

Property: N/A

Standing Water Level
(m):

GWMA: 018 - BOTANY BAY SAND
BEDS

Salinity Description: 0-500 ppm

GW Zone: -

Yield (L/s):

Site Details

Site Chosen By:

County	Parish	Cadastre
Form A: CUMBE	CUMBE.1	3 1104617
Licensed: CUMBERLAND	ALEXANDRIA	Whole Lot //

Region: 10 - Sydney South Coast

CMA Map: 9130-3S

River Basin: 213 - SYDNEY COAST -
GEORGES RIVER

Grid Zone:

Scale:

Area/District:

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

Elevation (Unknown)

Source:

Northing: 6245540.0

Easting: 336042.0

Latitude: 33°55'04.1"S

Longitude: 151°13'35.0"E

GS Map: -

MGA Zone: 0

Coordinate GD.,PR. 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		Annulus	(Unknown)	4.50	31.30	406			
1	1	Casing	Threaded Steel	-0.30	21.60	203			
1	1	Casing	Drilled	0.00	31.30	406			
1	1	Opening	Screen	21.60	31.30	179		1	Stainless Steel, A: 0.50mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Duration (hr)	Salinity (mg/L)
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							Hole Depth (m)		
13.70	29.50	15.80	Unconsolidated		5.40		13.47		

Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Sand Grey	Sand	
0.30	10.05	9.75	Sand	Sand	
10.05	10.21	0.16	Sand Peaty	Sand	
10.21	10.97	0.76	Sand Dirty Wet	Sand	
10.97	12.19	1.22	Sand Wet	Sand	
12.19	13.71	1.52	Sand Dirty Wet	Sand	
13.71	15.24	1.53	Sand Water Supply	Sand	
15.24	16.76	1.52	Sand Grey Water Supply	Sand	
16.76	18.28	1.52	Sand Grey Peaty Water Supply	Sand	
18.28	19.81	1.53	Sand Grey Water Supply	Sand	
19.81	21.33	1.52	Sand Dark Brown Water Supply	Sand	
21.33	22.86	1.53	Sand Dark Brown Water Supply	Sand	
22.86	25.90	3.04	Sand Water Supply	Sand	
25.90	29.56	3.66	Sand Yellow Water Supply	Sand	
29.56	31.39	1.83	Sand Yellow Peat	Sand	
10.97	12.19	1.22	Clay Bands	Clay	
19.81	21.33	1.52	Clay Bands	Clay	
29.56	31.39	1.83	Clay Seams	Clay	

Remarks

19/02/1975: SITED UNIVERSITY OF NSW WASHED SAND PACK OF 0.76-1.4MM.

*** End of GW025890 ***

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NSW Office of Water

Work Summary

GW028827

Licence: 10BL022485

Licence Status: CANCELLED

Authorised Purpose IRRIGATION

(s):

Intended Purpose(s): RECREATION (GROUNDWATER)

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Other Govt

Commenced Date:

Completion Date: 01/07/1968

Final Depth: 32.60 m

Drilled Depth: 32.60 m

Contractor Name:

Driller:

Assistant Driller:

Property: N/A

Standing Water Level

(m):

GWMA: 018 - BOTANY BAY SAND
BEDS

Salinity Description:

GW Zone: -

Yield (L/s):

Site Details

Site Chosen By:

County	Parish	Cadastre
Form A: CUMBE	CUMBE.001	1486
Licensed: CUMBERLAND	ALEXANDRIA	Whole Lot //

Region: 10 - Sydney South Coast
 River Basin: 213 - SYDNEY COAST -
 GEORGES RIVER
 Area/District:

CMA Map: 9130-3S

Grid Zone:

Scale:

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

Northing: 6245811.0
 Easting: 336017.0

Latitude: 33°54'55.3"S
 Longitude: 151°13'34.2"E

GS Map: -

MGA Zone: 0

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		Annulus	(Unknown)	0.00	0.00				
1	1	Casing		0.00	23.80	203			
1	1	Opening	Screen	0.00	9.10	203		1	Stainless Steel, A: 0.50mm

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)

11.50	32.50	21.00	Unconsolidated	5.40	21.22		
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Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.65	3.65	Sand Dirty	Sand	
3.65	11.58	7.93	Sand Light Brown Clean	Sand	
11.58	13.10	1.52	Sand Peaty Water Supply	Sand	
13.10	18.89	5.79	Sand Grey Water Supply	Sand	
18.89	26.51	7.62	Sand Dark Brown Peaty Water Supply	Sand	
26.51	27.73	1.22	Sand Grey Clayey Silty Water Supply	Sand	
27.73	32.61	4.88	Sand Light Grey Water Supply	Sand	
32.61	32.62	0.01	Clay Grey Stiff Water Supply	Clay	

Remarks

07/08/1974: SITED UNIVERSITY OF NSW

*** End of GW028827 ***

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NSW Office of Water

Work Summary

GW034992

Licence: 10BL030088

Licence Status: CANCELLED

Authorised Purpose RECREATION (GROUNDWATER)
(s):
Intended Purpose(s): INDUSTRIAL, RECREATION
 (GROUNDWATER)

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

Commenced Date:
Completion Date: 08/08/1995

Final Depth: 41.00 m
Drilled Depth: 41.00 m

Contractor Name: PANORAMA DRILLING
 COMPANY
Driller: Ronald John Lee
Assistant Driller:

Property: N/A NSW

Standing Water Level 7.500
(m):

GWMA: 018 - BOTANY BAY SAND
 BEDS

Salinity Description: Fresh**GW Zone:** -**Yield (L/s):** 19.000

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: CUMBERLAND

Parish
 CUMBE.1
 BOTANY

Cadastre
 3//1104617
 Whole Lot //

Region: 10 - Sydney South Coast
River Basin: 213 - SYDNEY COAST -
 GEORGES RIVER
Area/District:

CMA Map: 9130-3S**Grid Zone:****Scale:**

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

Northing: 6245802.0
Easting: 336002.0

Latitude: 33°54'55.6"S
Longitude: 151°13'33.6"E

GS Map: -**MGA Zone:** 0

Coordinate GD.,PR. 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		Hole	Hole	0.00	34.00	380			Rotary Air/Mud
1		Hole	Hole	34.00	41.00	150			Rotary Air/Mud
1		Annulus	Waterworn/Rounded	13.00	34.00	380	380		Graded, Q:1.400m3
1	1	Casing	Abs	0.00	21.00	219	192		Seated on Bottom
1	1	Opening	Screen	21.00	33.00	219		1	Stainless Steel, Inline Glued, A: 0.70mm

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)
19.00	33.00	14.00	Unknown	7.50	20.00	19.00	33.00	10:00:00	

Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	SANDY SOIL, GREY/BROWN	Soil	
1.00	2.00	1.00	SAND, F.G. LT. BROWN	Sand	
2.00	3.00	1.00	SAND	Sand	
3.00	4.00	1.00	SAND, F.G. YELLOW/BROWN	Sand	
4.00	7.00	3.00	SAND/F.G.	Sand	
7.00	12.00	5.00	SAND F.G.	Sand	
12.00	13.00	1.00	A/A WITH THIN PEAT BED	Sand	
13.00	14.00	1.00	A/A MIN OR PEAT	Sand	
14.00	17.00	3.00	SAND F.G. WITH YELLOW MIN. PEAT	Sand	
17.00	20.00	3.00	SAND F.G. WH.	Sand	
20.00	21.00	1.00	A/A WITH PEAT	Sand	
21.00	27.00	6.00	SAND F.G. WITH SL COARSE AT BASE	Sand	
27.00	29.00	2.00	SAND F.G. WITH 10-20 % CLAY	Sand	
29.00	34.00	5.00	SAND F.G. WITH MIN CLAY AT COARSE	Sand	
34.00	36.50	2.50	PEAT MASSIVE, OILY	Peat	
36.50	38.00	1.50	CLAY WITH MIN PEAT	Clay	
38.00	41.00	3.00	PEAT & CLAY WITH 50:50	Peat	

Remarks

13/09/1999: PREVIOUS LIC. NO: 030088.

23/11/2012: Nat Carling, 23-Nov-2012; Added status & owner type (based on licence) & added rock type codes to driller's log.

*** End of GW034992 ***

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NSW Office of Water

Work Summary

GW047542

Licence: 10BL110201

Licence Status: CONVERTED

Authorised Purpose IRRIGATION,INDUSTRIAL
(s):
Intended Purpose(s): INDUSTRIAL, IRRIGATION

Work Type: Bore**Work Status:****Construct.Method:** Cable Tool**Owner Type:** Private**Commenced Date:****Completion Date:** 01/01/1978**Final Depth:** 30.50 m**Drilled Depth:** 30.50 m**Contractor Name:****Driller:** Roy Max Barrett**Assistant Driller:**

Property: RANDWICK RACECOURSE 43 **Standing Water Level**
ALISON RD RANDWICK 2031 (m):
NSW

GWMA: 018 - BOTANY BAY SAND
BEDS

Salinity Description:**GW Zone:** -**Yield (L/s):**

Site Details

Site Chosen By:

County	Parish	Cadastre
Form A: CUMBE	CUMBE.1	1 130234
Licensed: CUMBERLAND	ALEXANDRIA	Whole Lot 1//130234

Region: 10 - Sydney South Coast**CMA Map:** 9130-3S

River Basin: 213 - SYDNEY COAST -
GEORGES RIVER

Grid Zone:**Scale:****Area/District:****Elevation:** 0.00 m (A.H.D.)**Northing:** 6246140.0**Latitude:** 33°54'44.6"S**Elevation** (Unknown)**Easting:** 335954.0**Longitude:** 151°13'31.9"E**Source:****GS Map:** -**MGA Zone:** 0

Coordinate
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		Annulus	Waterworn/Rounded	20.00	50.50				Graded
1	1	Casing	Welded Steel	0.00	24.40	212			
1	1	Opening	Screen	24.40	30.50	212		1	Stainless Steel, A: 0.76mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Duration (hr)	Salinity (mg/L)
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							Hole Depth (m)		
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Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Loam Sandy	Loam	
0.61	1.22	0.61	Sand	Sand	
1.22	2.13	0.91	Sand Hard Cemented	Sand	
2.13	7.62	5.49	Sand	Sand	
7.62	10.06	2.44	Sand	Sand	
10.06	12.19	2.13	Sand Peaty	Sand	
12.19	14.02	1.83	Sand White	Sand	
14.02	15.24	1.22	Sand White Clayey	Sand	
15.24	17.37	2.13	Sand White	Sand	
17.37	20.73	3.36	Sand Peaty	Sand	
20.73	21.34	0.61	Sand White	Sand	
21.34	22.25	0.91	Sand Peaty	Sand	
22.25	23.16	0.91	Sand White Peaty	Sand	
23.16	24.38	1.22	Sand Slightly Peaty	Sand	
24.38	30.18	5.80	Sand White Clean	Sand	
30.18	30.48	0.30	Clay	Clay	

Remarks

10/03/1981: RANDWICK RACECOURSE

*** End of GW047542 ***

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NSW Office of Water

Work Summary

GW047543

Licence: 10BL110202

Licence Status: CONVERTED

Authorised Purpose IRRIGATION,INDUSTRIAL
(s):
Intended Purpose(s): INDUSTRIAL, IRRIGATION

Work Type: Bore**Work Status:****Construct.Method:** Cable Tool**Owner Type:** Private**Commenced Date:****Completion Date:** 01/01/1978**Final Depth:** 30.50 m**Drilled Depth:** 30.50 m**Contractor Name:****Driller:** Roy Max Barrett**Assistant Driller:**

Property: RANDWICK RACECOURSE 43 **Standing Water Level**
ALISON RD RANDWICK 2031 (m):
NSW

GWMA: 018 - BOTANY BAY SAND
BEDS

Salinity Description:**GW Zone:** -**Yield (L/s):**

Site Details

Site Chosen By:

County	Parish	Cadastre
Form A: CUMBE	CUMBE.1	1 130234
Licensed: CUMBERLAND	ALEXANDRIA	Whole Lot
		1//130234

Region: 10 - Sydney South Coast**CMA Map:** 9130-3S**River Basin:** 213 - SYDNEY COAST -
GEORGES RIVER**Grid Zone:****Scale:****Area/District:****Elevation:** 0.00 m (A.H.D.)**Northing:** 6246057.0**Latitude:** 33°54'47.3"S**Elevation** (Unknown)**Easting:** 335961.0**Longitude:** 151°13'32.2"E**Source:****GS Map:** -**MGA Zone:** 0**Coordinate**
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		Annulus	Waterworn/Rounded	0.00	0.00				Graded
1	1	Casing	Threaded Steel	0.00	24.40	203			
1	1	Opening	Screen	24.40	30.50	203		1	Stainless Steel

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Duration (hr)	Salinity (mg/L)
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							Hole Depth (m)		
24.40	30.50	6.10	Unconsolidated		2.40				

Geologists Log**Drillers Log**

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	30.48	30.48	Sand Water Supply	Sand	

Remarks

10/03/1981: RANDWICK RACECOURSE

*** End of GW047543 ***

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NSW Office of Water

Work Summary

GW057008
Licence: 10BL124553

Licence Status: CANCELLED

Authorised Purpose (s): TEST BORE

Intended Purpose(s): INDUSTRIAL

Work Type: Bore

Work Status: Test Hole

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1981

Final Depth:
Drilled Depth:
Contractor Name:
Driller: Roy Max Barrett

Assistant Driller:
Property: N/A

Standing Water Level (m):
GWMA: -

GW Zone: -

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:
County
Form A: CUMBE
Licensed: CUMBERLAND

Parish
 CUMBE.001
 ALEXANDRIA

Cadastre
 99999
 Whole Lot //

Region: 10 - Sydney South Coast

CMA Map: 9130-3S

River Basin: 213 - SYDNEY COAST -
 GEORGES RIVER

Grid Zone:
Scale:
Area/District:
Elevation: 0.00 m (A.H.D.)

Elevation (Unknown)
Source:
Northing: 6246064.0

Easting: 336347.0

Latitude: 33°54'47.3"S

Longitude: 151°13'47.2"E

GS Map: -

MGA Zone: 0

Coordinate
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

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)

Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.20	0.20	Topsoil	Topsoil	
0.20	3.00	2.80	Sand Grey	Sand	
3.00	13.50	10.50	Sand	Sand	
13.50	18.30	4.80	Sand Grey	Sand	
18.30	27.50	9.20	Sand Yellow	Sand	
27.50	30.00	2.50	Clay Grey	Clay	
13.50	18.30	4.80	Peat Seams Clay Bands	Peat	

Remarks

20/07/1984: RANDWICK RACECOURSE

*** End of GW057008 ***

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NSW Office of Water

Work Summary

GW101452

Licence: 10BL158479

Licence Status: CONVERTED

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

Work Type: Spear

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date: 17/02/1998

Final Depth: 6.00 m

Drilled Depth: 6.00 m

Contractor Name:

Driller: Rosario Fedele

Assistant Driller:

Property: N/A

GWMA: -

GW Zone: -

Standing Water Level:

Salinity:

Yield:

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: CUMBERLAND

Parish
CUMBE.1
BOTANY

Cadastre
14//5633
Whole Lot
14//5633

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: 6245440.0

Easting: 335962.0

Latitude: 33°55'07.3"S

Longitude: 151°13'31.8"E

GS Map: -

MGA Zone: 0

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	6.00	90			Hand Dug
1	1	Casing	Lining	0.00	6.00				

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
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Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.00	6.00	SAND	Sand	

Remarks

25/03/2013: Nat Carling, 25-Mar-2013; Added rock type codes to driller's log & added missing information (based on existing data).

*** End of GW101452 ***

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.

NSW Office of Water

Work Summary

GW101453

Licence: 10BL158478

Licence Status: CONVERTED

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

Work Type: Spear
Work Status: Supply Obtained
Construct.Method: Hand Dug
Owner Type: Private

Commenced Date:
Completion Date: 03/02/1998

Final Depth: 6.00 m
Drilled Depth: 6.00 m

Contractor Name:
Driller: Rosario Fedele
Assistant Driller:

Property: N/A
GWMA: -
GW Zone: -

Standing Water Level:
Salinity:
Yield:

Site Details

Site Chosen By:

County	Parish	Cadastre
Form A: CUMBE	CUMBE.1	82//7698
Licensed: CUMBERLAND	BOTANY	Whole Lot 82//7698

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: 6245900.0
Easting: 335795.0

Latitude: 33°54'52.3"S
Longitude: 151°13'25.6"E

GS Map: -

MGA Zone: 0

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	6.00	90			Other
1	1	Casing	Lining	0.00	6.00				

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
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Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.00	6.00	SAND	Sand	

Remarks

25/03/2013: Nat Carling, 25-Mar-2013; Added rock type codes to driller's log & added missing information (based on existing data).

*** End of GW101453 ***

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.

NSW Office of Water

Work Summary

GW101682

Licence: 10BL156791

Licence Status: CONVERTED

Authorised Purpose (s): RECREATION (GROUNDWATER),INDUSTRIAL

Intended Purpose (s): INDUSTRIAL, RECREATION (GROUNDWATER)

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary

Owner Type: Private

Commenced Date:

Completion Date: 23/08/1995

Final Depth: 33.00 m

Drilled Depth: 41.00 m

Contractor Name: PANORAMA DRILLING
COMPANY

Driller: Ronald John Lee

Assistant Driller:

Property: UNI OF NSW (BORE 3) 330
ANZAC PARADE
KENSINGTON 2033 NSW

**Standing Water
Level:**

GWMA: -
GW Zone: -

Salinity: Fresh
Yield:

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: CUMBERLAND

Parish
CUMBE.5
ALEXANDRIA

Cadastre
3 1104617
Whole Lot
3//1104617

Region: 10 - Sydney South Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

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

Northing: 6245750.0
Easting: 336018.0

Latitude: 33°54'57.3"S
Longitude: 151°13'34.2"E

GS Map: -

MGA Zone: 0

Coordinate GIS - Geographic
Source: Information System

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	34.00	380			Rotary Mud
1		Hole	Hole	34.00	41.00	150			Rotary Mud
1		Annulus	Waterworn/Rounded	13.00	34.00				Graded, Q:1.400m3
1	1	Casing	Abs	0.00	20.00	219	192		Seated on Bottom, Screwed
1	1	Opening	Screen	20.00	32.00	219		1	Stainless Steel, Inline Welded, A: 0.70mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.00	33.00	13.00	Unknown	7.00	8.10	18.10	33.00	08:00:00	

Geologists Log**Drillers Log**

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil	Topsoil	
1.00	3.00	2.00	Fill - ash and slag material	Fill	
3.00	12.00	9.00	Yellow/Brown Sand F.G.	Sand	
12.00	15.00	3.00	A/A with thin Peat and trace Clay	Sand	
15.00	17.00	2.00	Yellow/Brown Sand F.G.	Sand	
17.00	21.00	4.00	White Sand F.G.	Sand	
21.00	29.00	8.00	Light Brown Sand F.G.	Sand	
29.00	33.00	4.00	White Sand F.G.	Sand	
33.00	41.00	8.00	Peat, Clayey, black and oily	Peat	

Remarks

23/08/1995: Form A Remarks:

Drillers remarks: "Excellent high yield bore; Refer to Hydro-plan pump test analysis and geophysical logs" (Neither of which is attached to file).

*** End of GW101682 ***

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.

NSW Office of Water

Work Summary

GW102016

Licence: 10BL156792

Licence Status: CONVERTED

Authorised Purpose INDUSTRIAL,RECREATION (GROUNDWATER)
(s):

Intended Purpose(s): INDUSTRIAL, RECREATION (GROUNDWATER)

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:

Completion Date: 11/09/1995

Final Depth: 32.00 m

Drilled Depth: 35.00 m

Contractor Name: PANORAMA DRILLING
COMPANY

Driller: Ronald John Lee

Assistant Driller:

Property: UNI OF NSW (RECHARGE
BORE) 330 ANZAC PARADE
KENSINGTON 2033 NSW

GWMA: -

GW Zone: -

Standing Water 7.200
Level:

Salinity: Fresh

Yield: 18.000

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: CUMBERLAND

Parish
CUMBE.1
ALEXANDRIA

Cadastre
3 1104617
Whole Lot
3//1104617

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: 6245645.0
Easting: 336030.0

Latitude: 33°55'00.7"S
Longitude: 151°13'34.5"E

GS Map: -

MGA Zone: 0

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	660			Rotary Mud
1		Hole	Hole	4.00	32.00	610			Rotary Mud
1		Hole	Hole	32.00	35.00	150			Rotary Mud
1		Annulus	Waterworn/Rounded	0.00	32.00				Graded, Q:10.000m3
1	1	Casing	Abs	0.00	8.00	219			Seated on Bottom, Screwed
1	1	Opening	Screen	8.00	14.00	219		1	Inline Screwed, A: 1.00mm
1	1	Casing	Abs	14.00	20.00	219			Screwed
1	1	Opening	Screen	20.00	32.00	219		1	Stainless Steel, Inline Screwed, A: 0.70mm

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)
9.00	14.00	5.00	Unknown	8.50		18.00	32.00	08:00:00	
19.00	32.00	13.00	Unknown	8.50		18.00	32.00	08:00:00	

Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil	Topsoil	
1.00	3.00	2.00	Fill material - ash and slag	Fill	
3.00	4.00	1.00	Light Brown Sand F.G., trace organic matter	Sand	
4.00	8.00	4.00	Light Brown Sand F.G.	Sand	
8.00	11.00	3.00	Yellow/Brown Sand F.G.	Sand	
11.00	14.00	3.00	Sand F.G. with thin peat stringers	Sand	
14.00	20.00	6.00	Light Brown Sand with trace peat	Sand	
20.00	33.00	13.00	White Sand F.G.	Sand	
33.00	35.00	2.00	Peat and Clay	Peat	

Remarks

11/09/1995: Form A Remarks:
GAMMA RAY, SP/PR ???/ AND VIDEO RECORD OF BORE.

*** End of GW102016 ***

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.

NSW Office of Water

Work Summary

GW102419

Licence: 10BL156872

Licence Status: CONVERTED

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

Work Type: Bore

Work Status:

Construct.Method:

Owner Type:

Commenced Date:

Completion Date: 01/01/1978

Final Depth: 22.00 m

Drilled Depth:

Contractor Name:

Driller:

Assistant Driller:

Property: RANDWICK RACECOURSE 43 Standing Water Level: 3.000
ALISON RD RANDWICK 2031
NSW

GWMA: 018 - BOTANY BAY SAND
BEDS

GW Zone: -

Salinity:

Yield: 10.000

Site Details

Site Chosen By:

County	Parish	Cadastre
Form A: CUMBE	CUMBE.1	1 130234
Licensed: CUMBERLAND	ALEXANDRIA	Whole Lot
		1//130234

Region: 10 - Sydney South Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

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

Elevation Unknown

Source:

Northing: 6246030.0

Easting: 336193.0

Latitude: 33°54'48.3"S

Longitude: 151°13'41.2"E

GS Map: -

MGA Zone: 0

Coordinate GIS - Geographic
Source: Information System

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	0.00	0.00	200			

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)

**Geologists Log
Drillers Log**

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

01/01/1978: Form A Remarks:
DATA FROM AG APPLICATION ONLY

*** End of GW102419 ***

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.

NSW Office of Water

Work Summary

GW104969

Licence: 10BL160301

Licence Status: CONVERTED

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

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date: 27/11/2001

Final Depth: 6.00 m

Drilled Depth: 6.00 m

Contractor Name:

Driller: Rosario Fedele

Assistant Driller:

Property: N/A

GWMA: -

GW Zone: -

Standing Water Level: 3.000

Salinity:

Yield: 1.000

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: CUMBERLAND

Parish
CUMBE.005
BOTANY

Cadastre
LT B DP 394698
Whole Lot
B//394698

Region: 10 - Sydney South Coast

River Basin: 213 - SYDNEY COAST -
GEORGES RIVER

Area/District:

CMA Map: 9130-3S

Grid Zone:

Scale:

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

Elevation (Unknown)

Source:

Northing: 6246094.0

Easting: 335899.0

Latitude: 33°54'46.1"S

Longitude: 151°13'29.7"E

GS Map: -

MGA Zone: 0

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	6.00	100			Auger
1	1	Casing	Other	0.00	6.00	113			

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)
0.00	6.00	6.00	Unknown	3.00		1.00			

**Geologists Log
Drillers Log**

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.00	6.00	SAND	Sand	

Remarks

*** End of GW104969 ***

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.

NSW Office of Water

Work Summary

GW105676

Licence: 10BL162667

Licence Status: CONVERTED

Authorised Purpose DOMESTIC
(s):

Intended Purpose(s): DOMESTIC

Work Type: Spear

Work Status: Supply Obtained

Construct.Method: Jetted - Water

Owner Type: Private

Commenced Date:

Completion Date: 08/03/2004

Final Depth: 9.15 m

Drilled Depth: 9.15 m

Contractor Name:

Driller: Arthur Korkidas

Assistant Driller:

Property: FITZPATRICK 200
DONCASTER AVE
KENSINGTON 2033

Standing Water Level:

GWMA: -

GW Zone: -

Salinity:

Yield: 1.000

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: CUMBERLAND

Parish
CUMBE.1
ALEXANDRIA

Cadastre
17/14/7698
Whole Lot
17/14/7698

Region: 10 - Sydney South Coast

CMA Map: 9130-3S

River Basin: 213 - SYDNEY COAST -
GEORGES RIVER

Grid Zone:

Scale:

Area/District:

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

Elevation (Unknown)

Source:

Northing: 6245804.0

Easting: 335875.0

Latitude: 33°54'55.5"S

Longitude: 151°13'28.6"E

GS Map: -

MGA Zone: 0

Coordinate GIS - Geographic
Source: Information System

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	9.15	100			Jetted - Water
1	1	Casing	Stainless Steel	0.00	8.15	42	38		Glued
1	1	Opening	Screen	8.15	9.15	42	38	1	Stainless Steel, SL: 60.0mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
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5.95	9.15	3.20	Unknown	5.95	1.00			
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Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	9.15	9.15	sand, unconsolidated	Sand	

Remarks

06/11/2009: updated from original form A

23/09/2011: Slot Length and Width adjusted due to data entry errors with advice from Madhwan Keshwan. GDS Data Cleanup project 2011.

*** End of GW105676 ***

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.

NSW Office of Water

Work Summary

GW105978

Licence: 10BL162744

Licence Status: CONVERTED

Authorised Purpose DOMESTIC
(s):

Intended Purpose(s): DOMESTIC

Work Type: Spear

Work Status: Supply Obtained

Construct.Method: Jetted - Water

Owner Type: Private

Commenced Date:

Completion Date: 29/03/2004

Final Depth: 8.23 m

Drilled Depth: 8.24 m

Contractor Name:

Driller: Arthur Korkidas

Assistant Driller:

Property: WILSON 202 DONCASTER AVE Standing Water Level: 5.185
KENSINGTON 2033

GWMA: -

GW Zone: -

Salinity:

Yield: 1.000

Site Details

Site Chosen By:

County Parish Cadastre
Form A: CUMBE CUMBE.1 18/14/7698
Licensed: CUMBERLAND ALEXANDRIA Whole Lot
18/14/7698

Region: 10 - Sydney South Coast

CMA Map: 9130-3S

River Basin: 213 - SYDNEY COAST -
GEORGES RIVER

Grid Zone:

Scale:

Area/District:

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

Elevation (Unknown)

Source:

Northing: 6245789.0

Easting: 335872.0

Latitude: 33°54'56.0"S

Longitude: 151°13'28.5"E

GS Map: -

MGA Zone: 0

Coordinate GIS - Geographic
Source: Information System

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	8.23	100			Jetted - Water
1	1	Casing	Stainless Steel	0.00	7.24	42			
1	1	Opening	Screen	7.24	8.24	42		1	Stainless Steel, A: 0.01mm

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)

5.18	8.23	3.05	Unknown	5.18	1.00			
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Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	8.23	8.23	sand, unconsolidated	Sand	

Remarks

29/03/2004: Form A Remarks:

Spear point - Length 600mm, width 50mm, Aperture .006

*** End of GW105978 ***

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.

NSW Office of Water

Work Summary

GW106378

Licence: 10BL163862

Licence Status: CONVERTED

Authorised Purpose DOMESTIC
(s):

Intended Purpose(s): DOMESTIC

Work Type: Spear

Work Status: Supply Obtained

Construct.Method: Jetted - Water

Owner Type: Private

Commenced Date:

Completion Date: 23/08/2004

Final Depth: 7.00 m

Drilled Depth: 7.00 m

Contractor Name: B & B DRILLING INC

Driller: Michael Gerard Barrett

Assistant Driller:

Property: CUSTORELLA 192
DONCASTER AVE
KENSINGTON 2033

Standing Water Level: 5.000

GWMA: -
GW Zone: -

Salinity: Good
Yield: 0.500

Site Details

Site Chosen By:

County	Parish	Cadastre
Form A: CUMBE	CUMBE.1	12 7698
Licensed: CUMBERLAND	ALEXANDRIA	Whole Lot 12//7698

Region: 10 - Sydney South Coast
River Basin: 213 - SYDNEY COAST -
GEORGES RIVER
Area/District:

CMA Map: 9130-3S

Grid Zone:

Scale:

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

Northing: 6245872.0
Easting: 335884.0

Latitude: 33°54'53.3"S
Longitude: 151°13'29.0"E

GS Map: -

MGA Zone: 0

Coordinate GIS - Geographic
Source: Information System

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	7.00	90			Jetted - Water
1	1	Casing	P.V.C.	0.00	6.40	32	26		Seated on Bottom, Glued
1	1	Opening	Screen - Wire Wound	6.40	7.00	50		1	Stainless Steel, Screwed, A: 0.15mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
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5.00	7.00	2.00	Unknown	5.00				00:05:00	
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Geologists Log

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	sand, yellow	Sand	
2.20	2.60	0.40	sand, dark brown	Sand	
2.60	7.00	4.40	sand, yellow	Sand	

Remarks

17/12/2009: updated from original form A

*** End of GW106378 ***

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.

NSW Office of Water

Work Summary

GW106774

Licence: 10BL164077

Licence Status: CONVERTED

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

Work Type: Spear

Work Status: Supply Obtained

Construct.Method: Jetted - Water

Owner Type: Private

Commenced Date:

Completion Date: 23/10/2004

Final Depth: 8.23 m

Drilled Depth: 8.24 m

Contractor Name:

Driller: Arthur Korkidas

Assistant Driller:

Property: HILL 228 DONCASTER AVE
KENSINGTON 2033

Standing Water Level: 5.850

GWMA: -
GW Zone: -

Salinity: Good
Yield: 1.000

Site Details

Site Chosen By:

County Parish Cadastre
Form A: CUMBE CUMBE.1 31//7698
Licensed: CUMBERLAND ALEXANDRIA Whole Lot 31//7698

Region: 10 - Sydney South Coast

CMA Map: 9130-3S

River Basin: 213 - SYDNEY COAST -
GEORGES RIVER

Grid Zone:

Scale:

Area/District:

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

Northing: 6245599.0
Easting: 335844.0

Latitude: 33°55'02.1"S
Longitude: 151°13'27.3"E

GS Map: -

MGA Zone: 0

Coordinate GIS - Geographic
Source: Information System

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	8.23	100			Jetted - Water
1	1	Casing	Pvc Class 9	0.00	7.24	100			Glued
1	1	Opening	Screen	7.24	8.24	50		1	Stainless Steel, Screwed, A: 0.01mm

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)
5.18	8.23	3.05	Unknown	8.19		1.00			

**Geologists Log
Drillers Log**

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	8.23	8.23	sand, unconsolidated	Sand	

Remarks

23/10/2004: Form A Remarks:

spear point - stainless steel over PVC 50mm, 600 length .006 aperture, screwed

28/01/2010: updated from original form A

*** End of GW106774 ***

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.

NSW Office of Water

Work Summary

GW107638

Licence: 10BL162367

Licence Status: CONVERTED

Authorised Purpose DOMESTIC
(s):

Intended Purpose(s): DOMESTIC

Work Type: Spear

Work Status: Supply Obtained

Construct.Method: Jetted - Water

Owner Type: Private

Commenced Date:

Completion Date: 27/10/2005

Final Depth: 5.00 m

Drilled Depth: 5.00 m

Contractor Name: B & B DRILLING INC

Driller: Michael Gerard Barrett

Assistant Driller:

Property: ALEXIOU 151 DONCASTER
AVE KENSINGTON 2033

Standing Water Level: 3.000

GWMA: -

Salinity: Good

GW Zone: -

Yield: 0.500

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: CUMBERLAND

Parish
CUMBE.1
ALEXANDRIA

Cadastre
42//7698
Whole Lot 42//7698

Region: 10 - Sydney South Coast

CMA Map: 9130-3S

River Basin: 213 - SYDNEY COAST -
GEORGES RIVER

Grid Zone:

Scale:

Area/District:

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

Northing: 6245697.0

Latitude: 33°54'58.9"S

Elevation Unknown

Easting: 335804.0

Longitude: 151°13'25.8"E

Source:

GS Map: -

MGA Zone: 0

Coordinate GIS - Geographic
Source: Information System

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	5.00	90			Jetted - Water
1	1	Casing	P.V.C.	0.00	4.40	32	26		Seated on Bottom, Glued
1	1	Opening	Screen - Wire Wound	4.40	5.00	50		1	Stainless Steel, Screwed, A: 0.15mm

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	5.00	2.00	Unknown	3.00	0.50	00:05:00
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Geologists Log**Drillers Log**

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	topsoil	Topsoil	
0.30	5.00	4.70	sand, yellow	Sand	

Remarks

09/04/2010: updated from original form A

*** End of GW107638 ***

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.

NSW Office of Water

Work Summary

GW107651

Licence: 10BL165685

Licence Status: CONVERTED

Authorised Purpose DOMESTIC
(s):

Intended Purpose(s): DOMESTIC

Work Type: Spear

Work Status: Supply Obtained

Construct.Method: Jetted - Water

Owner Type: Private

Commenced Date:

Completion Date: 29/11/2005

Final Depth: 7.00 m

Drilled Depth: 7.00 m

Contractor Name: B & B DRILLING INC

Driller: Michael Gerard Barrett

Assistant Driller:

Property: CAMPAGNA 206 DONCASTER
AVE KENSINGTON 2033 NSW

Standing Water Level: 5.000

GWMA: -

Salinity: Good

GW Zone: -

Yield: 0.500

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: CUMBERLAND

Parish
CUMBE.1
ALEXANDRIA

Cadastre
20/7698
Whole Lot
20/14/7698

Region: 10 - Sydney South Coast

CMA Map: 9130-3S

River Basin: 213 - SYDNEY COAST -
GEORGES RIVER

Grid Zone:

Scale:

Area/District:

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

Northing: 6245762.0

Latitude: 33°54'56.8"S

Elevation Unknown

Easting: 335881.0

Longitude: 151°13'28.8"E

Source:

GS Map: -

MGA Zone: 0

Coordinate GIS - Geographic
Source: Information System

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	7.00	90			Jetted - Water
1	1	Casing	P.V.C.	0.00	6.40	32	26		Seated on Bottom, Glued
1	1	Opening	Screen - Wire Wound	6.40	7.00	50		1	Stainless Steel, Screwed, A: 0.15mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
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5.00	7.00	2.00	Unknown	5.00	0.50	00:05:00
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Geologists Log**Drillers Log**

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	topsoil	Topsoil	
0.30	4.50	4.20	sand, yellow	Sand	
4.50	7.00	2.50	sand, grey	Sand	

Remarks

09/04/2010: updated from original form A

*** End of GW107651 ***

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.

NSW Office of Water

Work Summary

GW108036

Licence: 10BL600152

Licence Status: CONVERTED

Authorised Purpose DOMESTIC
(s):

Intended Purpose(s): DOMESTIC

Work Type: Spear

Work Status: Supply Obtained

Construct.Method: Jetted - Water

Owner Type: Private

Commenced Date:

Completion Date: 27/03/2006

Final Depth: 6.00 m

Drilled Depth: 6.00 m

Contractor Name: B & B DRILLING INC

Driller: Michael Gerard Barrett

Assistant Driller:

Property: MANOLIS 244 DONCASTER
AVE KENSINGTON 2033 NSW

Standing Water Level: 3.000

GWMA: -

Salinity:

GW Zone: -

Yield: 0.500

Site Details

Site Chosen By:

County	Parish	Cadastre
Form A: CUMBE	CUMBE.1	6 10943
Licensed: CUMBERLAND	ALEXANDRIA	Whole Lot 6//10943

Region: 10 - Sydney South Coast

CMA Map:

River Basin: - Unknown

Grid Zone:

Scale:

Area/District:

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

Northing: 6245483.0

Latitude: 33°55'05.9"S

Elevation Unknown

Easting: 335835.0

Longitude: 151°13'26.9"E

Source:

GS Map: -

MGA Zone: 0

Coordinate GIS - Geographic
Source: Information System

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	6.00	90			Jetted - Water
1	1	Casing	P.V.C.	0.00	5.40	32	26		Seated on Bottom, Glued
1	1	Opening	Screen - Wire Wound	5.40	6.00	50		1	Stainless Steel, Screwed, A: 0.15mm

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	5.00	2.00	Unknown	3.00		0.50		00:05:00	

Geologists Log Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	topsoil	Topsoil	
0.30	4.30	4.00	sand, yellow	Sand	
4.30	6.00	1.70	sand, white	Sand	

Remarks

27/04/2010: updated from original form a

*** End of GW108036 ***

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.

NSW Office of Water

Work Summary

GW108674

Licence: 10BL601443

Licence Status: CONVERTED

Authorised Purpose DOMESTIC
(s):

Intended Purpose(s): DOMESTIC

Work Type: Spear

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date: 10/04/2007

Final Depth: 8.00 m

Drilled Depth: 8.00 m

Contractor Name:

Driller: Simon Matthew Hancock

Assistant Driller:

Property: CASEY 129 DONCASTER
AVENUE KENSINGTON 2033
NSW

Standing Water Level:

GWMA:
GW Zone:

Salinity:
Yield:

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed:

Parish
CUMBE.1

Cadastre
53/14/7698

Region: 10 - Sydney South Coast

CMA Map:

River Basin: - Unknown

Grid Zone:

Scale:

Area/District:

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

Northing: 6245881.0

Latitude: 33°54'52.9"S

Elevation Unknown

Easting: 335812.0

Longitude: 151°13'26.2"E

Source:

GS Map: -

MGA Zone: 0

Coordinate GIS - Geographic
Source: Information System

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	8.00	100			Other
1	1	Casing	Lining	0.00	0.00				

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
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**Geologists Log
Drillers Log**

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	8.00	8.00	sand	Sand	

Remarks

10/03/2010: updated from original form A

*** End of GW108674 ***

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.

NSW Office of Water

Work Summary

GW110856

Licence: 10BL601283

Licence Status: ACTIVE

Authorised Purpose MONITORING BORE
(s):

Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status:

Construct.Method: Auger

Owner Type: Private

Commenced Date:

Completion Date: 22/07/2004

Final Depth: 13.20 m

Drilled Depth: 13.20 m

Contractor Name: WATER WORKS

Driller: Andrew Malcolm Chalmers

Assistant Driller:

Property: UNIVERSITY OF NEW SOUTH
WALES KENSINGTON
CAMPUS SYDNEY 2052 NSW

Standing Water Level: 10.000

GWMA:
GW Zone:

Salinity:
Yield: 1.000

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed:

Parish
CUMBE.1

Cadastre
3//1104617

Region: 10 - Sydney South Coast

CMA Map:

River Basin: - Unknown

Grid Zone:

Scale:

Area/District:

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

Northing: 6245420.0

Latitude: 33°55'08.1"S

Elevation Unknown

Easting: 336222.0

Longitude: 151°13'41.9"E

Source:

GS Map: -

MGA Zone: 0

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	13.20	125			Auger
1	1	Casing	Pvc Class 9	0.00	12.00	114			Driven into Hole, Screwed and Glued
1	1	Opening	Screen	12.00	13.20	55		1	PVC Class 9, Screwed, A: 0.25mm

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)
10.00	13.20	3.20	Unknown	10.00	11.00	1.00			176.00

**Geologists Log
Drillers Log**

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	13.00	13.00	SAND	Sand	
13.00	13.20	0.20	ROCKS	Rock	

Remarks

*** End of GW110856 ***

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.

NSW Office of Water

Work Summary

GW111567

Licence: 10BL604946

Licence Status: ACTIVE

Authorised Purpose MONITORING BORE
(s):

Intended Purpose(s): MONITORING BORE

Work Type: Bore**Work Status:** Equipped**Construct.Method:** Auger - Solid Flight**Owner Type:** Private**Commenced Date:****Completion Date:** 01/08/2011**Final Depth:** 8.00 m**Drilled Depth:** 8.00 m**Contractor Name:** GROUNDTEK DRILLING**Driller:** Steven Salib**Assistant Driller:**

Property: THE UNIVERSITY OF N S W
330 - 356 ANZAC PARADE
KENSINGTON 2052 NSW

Standing Water Level: 5.200

GWMA:
GW Zone:

Salinity:
Yield:

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed:

Parish
CUMBE.1

Cadastre
3//1104617

Region: 10 - Sydney South Coast**CMA Map:****River Basin:** - Unknown**Grid Zone:****Scale:****Area/District:****Elevation:** 0.00 m (A.H.D.)**Northing:** 6245681.0**Latitude:** 33°54'59.7"S**Elevation** Unknown**Easting:** 336210.0**Longitude:** 151°13'41.6"E**Source:****GS Map:** -**MGA Zone:** 0**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	8.00	100			Auger - Solid Flight
1		Annulus	Bentonite/Grout	2.80	3.40				
1		Annulus	Waterworn/Rounded	3.40	7.60				Graded
1	1	Casing	Pvc Class 18	0.00	4.10	50	46		Screwed
1	1	Opening	Slots - Horizontal	4.10	7.60	50		1	Casing - Machine Slotted, PVC Class 18, Screwed, A: 4.00mm

Water Bearing Zones

WBZ Type

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)
5.00	8.00	3.00	Unknown	5.20					145.00

Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.03	0.03	ASPHALT	Fill	
0.03	0.10	0.07	SAND AND GRAVEL	Sand	
0.10	0.50	0.40	FILLING,DARK GREY SAND,TRACE OF GRAVEL	Fill	
0.50	0.70	0.20	FILLING,BROWN SAND	Fill	
0.70	4.00	3.30	SAND,ORANGE AND DARK BROWN,F/GRAINED	Sand	
4.00	4.50	0.50	SAND,LIGHT BROWN,F/GRAINED	Sand	
4.50	8.00	3.50	SANDMLIGHT YELLOW BROWN,F/GRAINED	Sand	

Remarks

*** End of GW111567 ***

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.

NSW Office of Water

Work Summary

GW111568

Licence: 10BL604946

Licence Status: ACTIVE

Authorised Purpose MONITORING BORE
(s):

Intended Purpose(s): MONITORING BORE

Work Type: Bore**Work Status:** Equipped**Construct.Method:** Auger - Solid Flight**Owner Type:** Private**Commenced Date:****Completion Date:** 01/08/2011**Final Depth:** 8.60 m**Drilled Depth:** 8.60 m**Contractor Name:** GROUNDTEK DRILLING**Driller:** Steven Salib**Assistant Driller:**

Property: THE UNIVERSITY OF N S W
330 - 356 ANZAC PARADE
KENSINGTON 2052 NSW

Standing Water Level: 5.200

GWMA:
GW Zone:

Salinity:
Yield:

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed:

Parish
CUMBE.1

Cadastre
3//1104617

Region: 10 - Sydney South Coast**CMA Map:****River Basin:** - Unknown**Grid Zone:****Scale:****Area/District:****Elevation:** 0.00 m (A.H.D.)**Northing:** 6245662.0**Latitude:** 33°55'00.3"S**Elevation** Unknown**Easting:** 336218.0**Longitude:** 151°13'41.9"E**Source:****GS Map:** -**MGA Zone:** 0**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	8.60	100			Auger - Solid Flight
1		Annulus	Bentonite/Grout	3.00	3.50				
1		Annulus	Waterworn/Rounded	3.50	8.00				Graded
1	1	Casing	Pvc Class 18	0.00	4.00	50	46		Screwed
1	1	Opening	Slots - Horizontal	4.00	8.00	50		1	Casing - Machine Slotted, PVC Class 18, Screwed, A: 4.00mm

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)
5.20	8.60	3.40	Unknown	5.20					123.00

Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.03	0.03	ASPHALT	Fill	
0.03	0.10	0.07	SAND AND GRAVEL	Sand and clay bands	
0.10	1.20	1.10	SAND, YELLOW AND BROWN, F/GRAINED	Sand	
1.20	8.60	7.40	SAND, LIGHT YELLOW BROWN F/GRAINED	Sand	

Remarks

*** End of GW111568 ***

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.

NSW Office of Water

Work Summary

GW113048

Licence: 10BL602811

Licence Status: ACTIVE

Authorised Purpose MONITORING BORE
(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date: 13/11/2008

Final Depth:

Drilled Depth:

Contractor Name:

Driller: Unknown Unknown

Assistant Driller:

Property: CALTEX - KENSINGTON 219A
ANZAC PARADE KENSINGTON
2033 NSW

Standing Water Level:

GWMA:
GW Zone:

Salinity:
Yield:

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: CUMBE
Parish
CUMBE.1
Cadastre
1//125280

Region: 10 - Sydney South Coast

CMA Map:

River Basin: - Unknown

Grid Zone:

Scale:

Area/District:

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

Northing: 6245889.0

Latitude: 33°54'52.8"S

Elevation Unknown

Easting: 335910.0

Longitude: 151°13'30.0"E

Source:

GS Map: -

MGA Zone: 0

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

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)

Geologists Log

Drillers Log

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

29/07/2014: Nat Carling, 29-July-2014; Added status, drill method, depth & work name, updated work type.

*** End of GW113048 ***

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.

NSW Office of Water

Work Summary

GW113049

Licence: 10BL602811

Licence Status: ACTIVE

Authorised Purpose MONITORING BORE
(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date: 21/10/2013

Final Depth:

Drilled Depth:

Contractor Name: Macquarie Drilling

Driller: Unknown Unknown

Assistant Driller:

Property: CALTEX - KENSINGTON 219A
ANZAC PARADE KENSINGTON
2033 NSW

Standing Water Level:

GWMA:
GW Zone:

Salinity:
Yield:

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: Parish
CUMBE.1
Cadastre
1//125280

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: 6245864.0
Easting: 335933.0

Latitude: 33°54'53.6"S
Longitude: 151°13'30.9"E

GS Map: -

MGA Zone: 0

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

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)

Geologists Log

Drillers Log

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

29/07/2014: Nat Carling, 29-July-2014; Added status, drill method, depth & work name, updated work type.

***** End of GW113049 *****

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.

NSW Office of Water

Work Summary

GW113050

Licence: 10BL602811

Licence Status: ACTIVE

Authorised Purpose MONITORING BORE
(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date: 12/11/2008

Final Depth:

Drilled Depth:

Contractor Name: Macquarie Drilling

Driller: Unkown Unknown

Assistant Driller:

Property: CALTEX - KENSINGTON 219A
ANZAC PARADE KENSINGTON
2033 NSW

Standing Water Level:

GWMA:
GW Zone:

Salinity:
Yield:

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: Parish CUMBE.1
Cadastre 1//125280

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: 6245875.0
Easting: 335932.0

Latitude: 33°54'53.2"S
Longitude: 151°13'30.9"E

GS Map: -

MGA Zone: 0

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

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)

Geologists Log

Drillers Log

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

29/07/2014: Nat Carling, 29-July-2014; Added status, drill method, depth & work name, updated work type.

*** End of GW113050 ***

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.

NSW Office of Water

Work Summary

GW113051

Licence: 10BL602811

Licence Status: ACTIVE

Authorised Purpose MONITORING BORE
(s):

Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date: 13/11/2008

Final Depth:

Drilled Depth:

Contractor Name: Macquarie Drilling

Driller: Unknown Unknown

Assistant Driller:

Property: CALTEX - KENSINGTON 219A
ANZAC PARADE KENSINGTON
2033 NSW

Standing Water Level:

GWMA:
GW Zone:

Salinity:
Yield:

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed:

Parish
CUMBE.1

Cadastre
1//125280

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: 6245905.0
Easting: 335928.0

Latitude: 33°54'52.2"S
Longitude: 151°13'30.8"E

GS Map: -

MGA Zone: 0

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

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)

Geologists Log

Drillers Log

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

29/07/2014: Nat Carling, 29-July-2014; Added status, drill method, depth & work name, updated work type.

*** End of GW113051 ***

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.

Appendix D – Historic Aerial Photographs

PLOT DATE: 29/07/2016 2:10:15 PM DWG FILE: F:\GEO TECHNICS\1 PROJECTS\GEO\TCOV24080\AS UNSW MATERIAL SCIENCE BUILDING\CAEN\GEO\TCOV24080\AX.DWG



1930

LEGEND

 APPROXIMATE SITE BOUNDARY

drawn	MV
approved	ML
date	29/06/16
scale	NTS
original size	A4



client:	BROOKFIELD MULTIPLEX AUSTRALASIA		
project:	BUILDING D9 AND D10 UNSW, KENSINGTON, NSW		
title:	HISTORICAL AERIAL PHOTOGRAPH - 1930		
project no:	GEOTLCOV24080AX	figure no:	rev: B