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**APPENDIX F – GROUNDWATER WORKS DATABASE SEARCH**

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# NSW Office of Water

## Work Summary

**GW103957**

**Licence:** 10BL156671

**Licence Status:** ACTIVE

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

**Work Type:** Bore

**Work Status:**

**Construct.Method:** Rotary

**Owner Type:**

**Commenced Date:**  
**Completion Date:** 03/04/1993

**Final Depth:** 15.00 m  
**Drilled Depth:** 15.00 m

**Contractor Name:** ENGINEERING EXPLORATIONS  
 PTY LTD

**Driller:**

**Assistant Driller:**

**Property:** CAMIDE MEADOW RD  
 SCHOFIELDS 2762

**GWMA:** -  
**GW Zone:** -

**Standing Water Level:**

**Salinity:**  
**Yield:**

### Site Details

**Site Chosen By:**

**County**  
**Form A:** CUMBE  
**Licensed:** CUMBERLAND

**Parish**  
 CUMBE.20  
 GIDLEY

**Cadastre**  
 3//232574  
 Whole Lot 3//232574

**Region:** 10 - Sydney South Coast

**River Basin:** - Unknown  
**Area/District:**

**CMA Map:**

**Grid Zone:**

**Scale:**

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

**Northing:** 6267841.0  
**Easting:** 300989.0

**Latitude:** 33°42'38.8"S  
**Longitude:** 150°51'08.8"E

**GS Map:** -

**MGA Zone:** 0

**Coordinate Source:** Unknown

### 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	15.00	100			Auger
1	1	Casing	P.V.C.	-0.30	15.00	50			
1	1	Opening	Screen	12.00	15.00	50		1	

### 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	2.10	2.10	CLAYEY SILT	Invalid Code	
2.10	15.00	12.90	SHALE/SILTSTONE	Shale	

## Remarks

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**\*\*\* End of GW103957 \*\*\***

**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

**GW103958**

**Licence:** 10BL156671

**Licence Status:** ACTIVE

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

**Work Type:** Bore

**Work Status:**

**Construct.Method:** Rotary

**Owner Type:**

**Commenced Date:**  
**Completion Date:** 03/02/1992

**Final Depth:** 20.00 m  
**Drilled Depth:** 20.00 m

**Contractor Name:** ENGINEERING EXPLORATIONS  
PTY LTD

**Driller:**

**Assistant Driller:**

**Property:** CAMIDE MEADOW RD  
SCHOFIELDS 2762

**GWMA:** -  
**GW Zone:** -

**Standing Water Level:**

**Salinity:**  
**Yield:**

### Site Details

**Site Chosen By:**

**County**  
**Form A:** CUMBE  
**Licensed:** CUMBERLAND

**Parish**  
CUMBE.20  
GIDLEY

**Cadastre**  
3//232574  
Whole Lot 3//232574

**Region:** 10 - Sydney South Coast

**River Basin:** - Unknown  
**Area/District:**

**CMA Map:**

**Grid Zone:**

**Scale:**

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

**Northing:** 6267841.0  
**Easting:** 300989.0

**Latitude:** 33°42'38.8"S  
**Longitude:** 150°51'08.8"E

**GS Map:** -

**MGA Zone:** 0

**Coordinate Source:** Unknown

### 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	20.00	100			Rotary Air
1	1	Casing	P.V.C.	-0.30	20.00	50			
1	1	Opening	Screen	17.00	20.00	50		1	

### 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	3.00	3.00	SILTY CLAY	Invalid Code	
3.00	4.80	1.80	CLAYEY SAND	Invalid Code	
4.80	5.90	1.10	SILTY CALY	Invalid Code	
5.90	7.30	1.40	SILTSTONE	Siltstone	

7.30	16.50	9.20	SILTSTONE:DARK GREY	Siltstone	
16.50	20.00	3.50	SILTSTONE:GREY BROWN	Unknown	

## Remarks

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**\*\*\* End of GW103958 \*\*\***

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

**GW103959**

**Licence:** 10BL156671

**Licence Status:** ACTIVE

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

**Work Type:** Bore

**Work Status:**

**Construct.Method:** Rotary

**Owner Type:**

**Commenced Date:**  
**Completion Date:** 03/02/1992

**Final Depth:** 19.20 m  
**Drilled Depth:** 19.20 m

**Contractor Name:** ENGINEERING EXPLORATIONS  
PTY LTD

**Driller:**

**Assistant Driller:**

**Property:** CAMIDE MEADOW RD  
SCHOFIELDS 2762

**GWMA:** -  
**GW Zone:** -

**Standing Water Level:**

**Salinity:**  
**Yield:**

### Site Details

**Site Chosen By:**

**County**  
**Form A:** CUMBE  
**Licensed:** CUMBERLAND

**Parish**  
CUMBE.20  
GIDLEY

**Cadastre**  
3//232574  
Whole Lot 3//232574

**Region:** 10 - Sydney South Coast

**River Basin:** - Unknown  
**Area/District:**

**CMA Map:**

**Grid Zone:**

**Scale:**

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

**Northing:** 6267841.0  
**Easting:** 300989.0

**Latitude:** 33°42'38.8"S  
**Longitude:** 150°51'08.8"E

**GS Map:** -

**MGA Zone:** 0

**Coordinate Source:** Unknown

### 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	19.20	100			Rotary Air
1	1	Casing	P.V.C.	-0.30	19.20	50			
1	1	Opening	Screen	16.20	19.20	50		1	PVC

### 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	0.50	0.50	GRAVELLY CLAY	Gravel	
0.50	4.00	3.50	SILTY CLAY	Invalid Code	
4.00	5.90	1.90	SILTSTONE	Siltstone	
5.90	11.20	5.30	SILTSTONE:DARK GREY	Siltstone	

11.20	17.40	6.20	SILTSTONE/TRACE FINE SAND	Siltstone	
17.40	19.20	1.80	SANDSTONE	Sandstone	

## Remarks

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\*\*\* End of GW103959 \*\*\*

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# NSW Office of Water

## Work Summary

**GW103960**

**Licence:** 10BL156671

**Licence Status:** ACTIVE

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

**Work Type:** Bore

**Work Status:**

**Construct.Method:** Rotary

**Owner Type:**

**Commenced Date:**  
**Completion Date:** 04/02/1992

**Final Depth:** 20.00 m  
**Drilled Depth:** 20.00 m

**Contractor Name:** ENGINEERING EXPLORATIONS  
PTY LTD

**Driller:**

**Assistant Driller:**

**Property:** CAMIDE MEADOW RD  
SCHOFIELDS 2762

**GWMA:** -  
**GW Zone:** -

**Standing Water Level:**

**Salinity:**  
**Yield:**

### Site Details

**Site Chosen By:**

**County**  
**Form A:** CUMBE  
**Licensed:** CUMBERLAND

**Parish**  
CUMBE.20  
GIDLEY

**Cadastre**  
3//232574  
Whole Lot 3//232574

**Region:** 10 - Sydney South Coast

**River Basin:** - Unknown  
**Area/District:**

**CMA Map:**

**Grid Zone:**

**Scale:**

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

**Northing:** 6267841.0  
**Easting:** 300989.0

**Latitude:** 33°42'38.8"S  
**Longitude:** 150°51'08.8"E

**GS Map:** -

**MGA Zone:** 0

**Coordinate Source:** Unknown

### 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	20.00	100			Rotary Air
1	1	Casing	P.V.C.	-0.30	20.00	50			
1	1	Opening	Screen	17.00	20.00	50		1	PVC

### 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	1.40	1.40	FILL	Fill	
1.40	5.50	4.10	SILTY CLAY	Invalid Code	
5.50	8.20	2.70	SILTSTONE	Siltstone	
8.20	17.30	9.10	SILTSTONE:DARK GREY	Siltstone	

17.30	20.00	2.70	SANDSTONE	Sandstone
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## Remarks

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\*\*\* End of GW103960 \*\*\*

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

**GW103961**

**Licence:** 10BL156671

**Licence Status:** ACTIVE

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

**Work Type:** Bore

**Work Status:**

**Construct.Method:** Rotary

**Owner Type:**

**Commenced Date:**  
**Completion Date:** 04/02/1992

**Final Depth:** 20.00 m  
**Drilled Depth:** 20.00 m

**Contractor Name:** ENGINEERING EXPLORATIONS  
PTY LTD

**Driller:**

**Assistant Driller:**

**Property:** CAMIDE MEADOW RD  
SCHOFIELDS 2762

**GWMA:** -  
**GW Zone:** -

**Standing Water Level:**

**Salinity:**  
**Yield:**

### Site Details

**Site Chosen By:**

**County**  
**Form A:** CUMBE  
**Licensed:** CUMBERLAND

**Parish**  
CUMBE.20  
GIDLEY

**Cadastre**  
3//232574  
Whole Lot 3//232574

**Region:** 10 - Sydney South Coast

**River Basin:** - Unknown  
**Area/District:**

**CMA Map:**

**Grid Zone:**

**Scale:**

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

**Northing:** 6267841.0  
**Easting:** 300989.0

**Latitude:** 33°42'38.8"S  
**Longitude:** 150°51'08.8"E

**GS Map:** -

**MGA Zone:** 0

**Coordinate Source:** Unknown

### 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	20.00	100			Rotary Air
1	1	Casing	P.V.C.	-0.30	20.00	50			
1	1	Opening	Screen	17.00	20.00	50		1	PVC

### 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	1.50	1.50	FILL	Fill	
1.50	5.20	3.70	SILTY CLAY	Invalid Code	
5.20	7.50	2.30	SILTSTONE	Siltstone	
7.50	20.00	12.50	SILTSTONE:DARK GREY,TRACE FINE	Siltstone	

SAND

## Remarks

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\*\*\* End of GW103961 \*\*\*

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

**GW104310**

**Licence:** 10BL160669

**Licence Status:** ACTIVE

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

**Work Type:** Bore

**Work Status:** Supply Obtained

**Construct.Method:**

**Owner Type:** Private

**Commenced Date:**  
**Completion Date:** 07/02/1996

**Final Depth:** 9.00 m  
**Drilled Depth:**

**Contractor Name:** LONGMAC

**Driller:**

**Assistant Driller:**

**Property:** N/A GRANGE AVENUE WEST  
 MARSDEN PARK

**Standing Water Level:**

**GWMA:** -  
**GW Zone:** -

**Salinity:**  
**Yield:**

### Site Details

**Site Chosen By:**

County	Parish	Cadastre
<b>Form A:</b> CUMBE	CUMBE.042	LT 3 DP 571348
<b>Licensed:</b> CUMBERLAND	ROOTY HILL	Whole Lot 3//571348

**Region:** 10 - Sydney South Coast

**CMA Map:**

**River Basin:** - Unknown  
**Area/District:**

**Grid Zone:**

**Scale:**

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

**Northing:** 6268471.0  
**Easting:** 299111.0

**Latitude:** 33°42'17.1"S  
**Longitude:** 150°49'56.3"E

**GS Map:** -

**MGA Zone:** 0

**Coordinate Source:** Map Interpretation

### 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	9.00	135			Unknown
1	1	Casing	P.V.C.	0.00	0.00	50			

### 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
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### Remarks

**\*\*\* End of GW104310 \*\*\***

**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

**GW104311**

**Licence:** 10BL160669

**Licence Status:** ACTIVE

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

**Work Type:** Bore

**Work Status:** Supply Obtained

**Construct.Method:**

**Owner Type:** Private

**Commenced Date:**  
**Completion Date:** 07/02/1996

**Final Depth:** 17.00 m  
**Drilled Depth:**

**Contractor Name:** LONGMAC

**Driller:**

**Assistant Driller:**

**Property:** N/A GRANGE AVENUE WEST  
 MARSDEN PARK

**Standing Water Level:**

**GWMA:** -  
**GW Zone:** -

**Salinity:**  
**Yield:**

### Site Details

**Site Chosen By:**

County	Parish	Cadastre
<b>Form A:</b> CUMBE	CUMBE.042	LT 3 DP 571348
<b>Licensed:</b> CUMBERLAND	ROOTY HILL	Whole Lot 3//571348

**Region:** 10 - Sydney South Coast

**CMA Map:**

**River Basin:** - Unknown  
**Area/District:**

**Grid Zone:**

**Scale:**

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

**Northing:** 6268327.0  
**Easting:** 299016.0

**Latitude:** 33°42'21.7"S  
**Longitude:** 150°49'52.5"E

**GS Map:** -

**MGA Zone:** 0

**Coordinate Source:** Map Interpretation

### 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	17.00	135			Unknown
1	1	Casing	P.V.C.	0.00	0.00	50			

### 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
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### Remarks

**\*\*\* End of GW104311 \*\*\***

**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

**GW104308**

Licence: 10BL160669

Licence Status: ACTIVE

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

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:  
Completion Date: 19/02/1996

Final Depth: 14.00 m  
Drilled Depth:

Contractor Name: LONGMAC

Driller:

Assistant Driller:

Property: N/A GRANGE AVENUE WEST  
MARSDEN PARK

Standing Water Level:

GWMA: -  
GW Zone: -

Salinity:  
Yield:

### Site Details

Site Chosen By:

County	Parish	Cadastre
Form A: CUMBE	CUMBE.042	LT 3 DP 571348
Licensed: CUMBERLAND	ROOTY HILL	Whole Lot 3//571348

Region: 10 - Sydney South Coast

CMA Map:

River Basin: - Unknown  
Area/District:

Grid Zone:

Scale:

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

Northing: 6268327.0  
Easting: 298650.0

Latitude: 33°42'21.5"S  
Longitude: 150°49'38.3"E

GS Map: -

MGA Zone: 0

Coordinate Source: Map Interpretation

### 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	14.00	125			Unknown
1	1	Casing	P.V.C.	0.00	0.00	50			

### 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
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### Remarks

**\*\*\* End of GW104308 \*\*\***

**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

**GW112289**

**Licence:** 10BL603514

**Licence Status:** ACTIVE

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

**Work Type:** Bore

**Work Status:** Equipped

**Construct.Method:** Auger - Solid Flight

**Owner Type:** Private

**Commenced Date:**  
**Completion Date:** 19/11/2009

**Final Depth:** 10.00 m  
**Drilled Depth:** 10.00 m

**Contractor Name:** Macquarie Drilling  
**Driller:** Dino Parisotto

**Assistant Driller:**

**Property:** RIVERSTONE LANDFILL 127  
BURFITT ROAD SCHOFIELDS  
2762 NSW

**Standing Water Level:**

**GWMA:**  
**GW Zone:**

**Salinity:**  
**Yield:**

### Site Details

**Site Chosen By:**

**County:** CUMBE  
**Form A:** CUMBE  
**Licensed:**

**Parish:** CUMBE.51

**Cadastre:** 63//1358

**Region:** 10 - Sydney South Coast

**CMA Map:**

**River Basin:** - Unknown  
**Area/District:**

**Grid Zone:**

**Scale:**

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

**Northing:** 6270161.0  
**Easting:** 301866.0

**Latitude:** 33°41'24.1"S  
**Longitude:** 150°51'44.7"E

**GS Map:** -

**MGA Zone:** 0

**Coordinate Source:** Unknown

### 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	10.00	125			Auger - Solid Flight

### 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	3.60	3.60	SILTY CLAY, MEDIUM BROWN	Silty Clay	
3.60	10.00	6.40	SHALE/SILSTONE LIGHT BROWN, IRONSTONE	Shale	

### Remarks

18/07/2014: Nat Carling, 18-July-2014; Work type updated, added status & work name.

**\*\*\* End of GW112289 \*\*\***

**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

**GW112290**

**Licence:** 10BL603514

**Licence Status:** ACTIVE

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

**Work Type:** Bore

**Work Status:** Equipped

**Construct.Method:** Auger - Solid Flight

**Owner Type:** Private

**Commenced Date:**  
**Completion Date:** 19/11/2009

**Final Depth:** 10.00 m  
**Drilled Depth:** 10.00 m

**Contractor Name:** Macquarie Drilling  
**Driller:** Dino Parisotto

**Assistant Driller:**

**Property:** RIVERSTONE LANDFILL 127  
BURFITT ROAD SCHOFIELDS  
2762 NSW

**Standing Water Level:**

**GWMA:**  
**GW Zone:**

**Salinity:**  
**Yield:**

### Site Details

**Site Chosen By:**

**County** **Parish** **Cadastre**  
**Form A:** CUMBE CUMBE.51 63//1358  
**Licensed:**

**Region:** 10 - Sydney South Coast

**CMA Map:**

**River Basin:** - Unknown  
**Area/District:**

**Grid Zone:**

**Scale:**

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

**Northing:** 6270198.0  
**Easting:** 301889.0

**Latitude:** 33°41'22.9"S  
**Longitude:** 150°51'45.6"E

**GS Map:** -

**MGA Zone:** 0

**Coordinate Source:** Unknown

### 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	10.00	125			Auger - Solid Flight

### 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	4.00	4.00	SILTY CLAY,M/BROWN,HARD LOW PLAST.	Silty Clay	
4.00	10.00	6.00	SHALE/SILTSTONE,L/BROWN,IRONSTONE	Shale	

### Remarks

18/07/2014: Nat Carling, 18-July-2014; Work type updated, added status & work name.

**\*\*\* End of GW112290 \*\*\***

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# NSW Office of Water

## Work Summary

**GW110658**

**Licence:** 10BL603241

**Licence Status:** ACTIVE

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

**Work Type:** Well

**Work Status:**

**Construct.Method:**

**Owner Type:** Private

**Commenced Date:**  
**Completion Date:** 23/09/2009

**Final Depth:** 10.00 m  
**Drilled Depth:** 10.00 m

**Contractor Name:** Numac Drilling Services Pty Ltd

**Driller:** Simon Benjamin Tant

**Assistant Driller:**

**Property:** RAJ 2 BUCKWELL DRIVE  
 HASSALL GROVE 2761 NSW

**Standing Water Level:**

**GWMA:**  
**GW Zone:**

**Salinity:**  
**Yield:**

### Site Details

**Site Chosen By:**

**County**  
**Form A:** CUMBE  
**Licensed:**

**Parish**  
 CUMBE.42

**Cadastre**  
 110/830917

**Region:** 10 - Sydney South Coast

**CMA Map:**

**River Basin:** - Unknown  
**Area/District:**

**Grid Zone:**

**Scale:**

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

**Northing:** 6265375.0  
**Easting:** 299280.0

**Latitude:** 33°43'57.7"S  
**Longitude:** 150°50'00.4"E

**GS Map:** -

**MGA Zone:** 0

**Coordinate Source:** Unknown

### 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	10.00	150			Unknown
1		Annulus	Waterworn/Rounded	0.00	0.00				Graded
1	1	Casing	P.V.C.	0.00	2.00	60			Seated on Bottom
1	1	Opening	Screen	2.00	10.00	60		1	PVC, 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)
8.20	10.00	1.80	Unknown						

### Geologists Log

#### Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.40	0.40	FILL	Fill	
0.40	5.00	4.60	CLAY WHITE RED	Clay Loam	
5.00	7.50	2.50	CLAY ORANGE HARD DRY	Clay Loam	

7.50	8.20	0.70	CLAY MOIST GREY SANDY	Clay Loam	
8.20	10.00	1.80	SHALE WEATHERED	Shale	

## Remarks

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**\*\*\* End of GW110658 \*\*\***

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.

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**APPENDIX G – DANGEROUS GOODS SEARCH**

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FEE: \$10.00 per Depot



RECORDED.

Name of Applicant in full (see over)	Surname <u>ACMILL INDUSTRIES PTY LTD.</u>	Given Names _____
Trading name or occupier's name (if any)	<u>PCH CERAMICS BRICKS N.S.W.</u>	
Postal address	<u>P.O. <del>98</del> Box 98. DOONSIDE</u>	Postcode <u>2767.</u>
Telephone number of applicant	STD Code _____	Number _____
Address of the premises in or on which the depot or depots are situated (including street number, if any)	<u>TOWNSON RD. MARSDEN PARK.</u>	
Nature of premises (see over)	Postcode <u>2765.</u>	

PLEASE ATTACH SITE PLAN

Particulars of type of depots and maximum quantities of dangerous goods to be kept at any one time.

Depot number	Type of depot (see over)	Storage capacity	Dangerous goods	
			Product being stored	C & C Office use only
1	<u>UNDERGROUND TANK.</u>	<u>13,500 litres</u>	<u>PETROL.</u>	
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

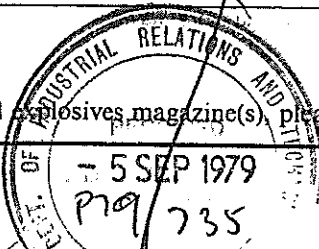
Name of company supplying flammable liquid (if any) ESSO.

Have premises previously been licensed? Yes.

If known, state name of previous occupier AUTOBRIC INDUSTRIES P/L. Licence No. 35005186.6

Signature of applicant [Signature] Date 6.12.79

For external explosives magazine(s), please fill in side 2.



FOR OFFICE USE ONLY  
CERTIFICATE OF INSPECTION

I, RAYMOND CHARLES MURPHY being an Inspector under the Dangerous Goods Act, 1975, do hereby certify that the premises described above do comply with the requirements of the Dangerous Goods Act, 1975, and the Dangerous Goods Regulation with regard to their situation and construction for the keeping of dangerous goods of the nature and in the quantity specified.

Signature of Inspector [Signature]

Date 6.12.79

Raymond Charles Murphy

DIRECTIONS

- Applications must be forwarded to the Chief Inspector of Inflammable Liquid, Explosives Department, Box R.216, Royal Exchange Sydney, N.S.W. 2000 and must be accompanied by the prescribed fee.
- Registration of Premises - For quantities not exceeding 300 gallons of mineral oil and 100 gallons of mineral spirit, if kept together; or 800 gallons of mineral oil and 100 gallons of mineral spirit, if kept in separate depots; or 500 gallons of mineral spirit, if kept in an underground tank depot; or 800 gallons of mineral oil and 500 gallons of mineral spirit, if mineral spirit is kept in an underground tank depot.
- In addition to, or in lieu of the above, similar quantities of Dangerous Goods of Classes 1 and 2 may be kept under the like conditions; reading Dangerous Goods of Class 1 for the words Mineral Spirit and Dangerous Goods of Class 2 for the words Mineral Oil
- Store Licence, Div. A - For quantities in excess of those stated above, but not exceeding 4,000 gallons mineral oil and/or mineral spirit, and/or Dangerous Goods of Classes 1, 2 and 9.
- Store Licence, Div. B (Fee, See Regulation 7) - For quantities exceeding 4,000 gallons of mineral spirit, and/or Dangerous Goods of Classes 1 and 2, and/or Dangerous Goods of Class 3.
- For the keeping of Dangerous Goods of Classes 3 and/or 4.

ESSO

1. Name of occupier including full christian names.	AUTOBRIC INDUSTRIES PTY. LTD.
2. Trading Name (if any)	
3. Locality of the premises in which the depot or depots are situated	No. or Name _____ Street <u>TOWNSON ROAD</u> Town <u>MARSDEN PARK. 2765.</u>
4. Postal address	<u>PO Box 249, BLACKTOWN. Postcode 2148.</u>
5. Occupation	
6. Nature of premises (dwelling, garage etc.)	

Particulars of construction of depots and maximum quantities of inflammable liquid and/or Dangerous Goods to be kept at any one time.

PLEASE ATTACH PLAN OF PREMISES

Depot No.	Construction of depots*			Inflammable liquid		Dangerous goods						
	Walls	Roof	Floor	Mineral spirit gallons	Mineral oil gallons	Class 1 gallons	Class 2 gallons	Class 3 lb	Class 4 cu ft	Class 5A water gal	Class 5B water gal	Class 9 gallons
1	UNDERGROUND		TANK	3000								
2												
3												
4												
5												
6												
7												
8												
9												
10												

PUBLIC REVENUE A/c.

29/11/74 9.00

(Date)  
Receipt No.

2621 for sign when Ins next in area.

\*If product is kept in tanks describe depots as underground or aboveground tanks.

Signature of applicant [Signature]

Date of application 10.7.74, 1974

CERTIFICATE OF INSPECTION

M. Auld Arthur Conway being an Inspector under the Inflammable Liquid Act, 1915 (as amended), do hereby certify that the premises or store herein referred to and described is suitable with regard to its situation and construction for the safe keeping of inflammable liquid and/or dangerous goods in quantity and nature specified.

Place Marsden Park.

Signature of Inspector [Signature]

10.7.74

**CONCERNING PROPOSED WORK REFERRED TO ON FRONT HEREOF**

Special Note: When compiling your sketch please place yourself in the position of our Installation Contractor and supply any information which you believe will assist him to:

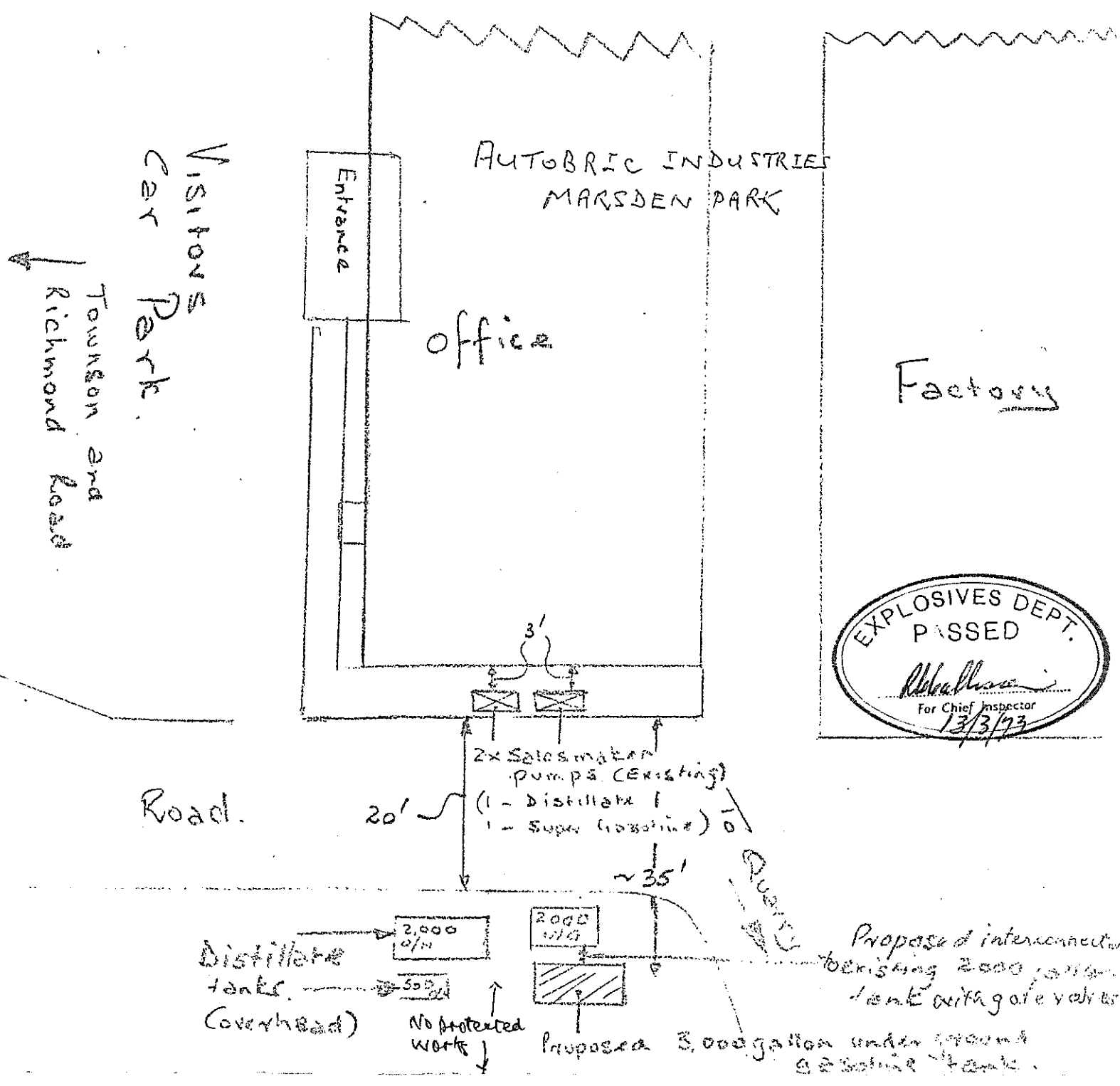
- (a) Determine the correct amount of piping, elbows, etc., required.
- (b) Ensure that fitter will install equipment in the position intended.

To facilitate this your sketch should show:-

- (a) All relevant measurements.
- (b) Position of proposed Pump Head in relation to existing Pump Heads.
- (c) Position of Tank(s) in relation to proposed Pump Head and Garage or Service Station Premises.

IT IS IMPORTANT THAT YOU SUPPLY ALL RELEVANT MEASUREMENTS.

SKETCH PER: [Signature] MARSDEN LTD.



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**APPENDIX H – HISTORICAL AERIAL PHOTOGRAPHS**

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1947



1955



1961



1965



1970

UAg 1001 152.37



1978



UAG 1025 151.45

1982

UA0 1025 15145



1986



1991

UA9 1025 151.45



1994



W12124403-3  
N 13013 15278

1998

WLD 15/4 DA9-S  
No 13217 152,76



2005



WILD15/4/UA9-S  
No 19217 15278

2010



2016

