



Roads &  
Maritime

# **Epping Road widening between Essex Street and Blaxland Road, Epping**

## **Appendix M Targeted contamination assessment Part B**

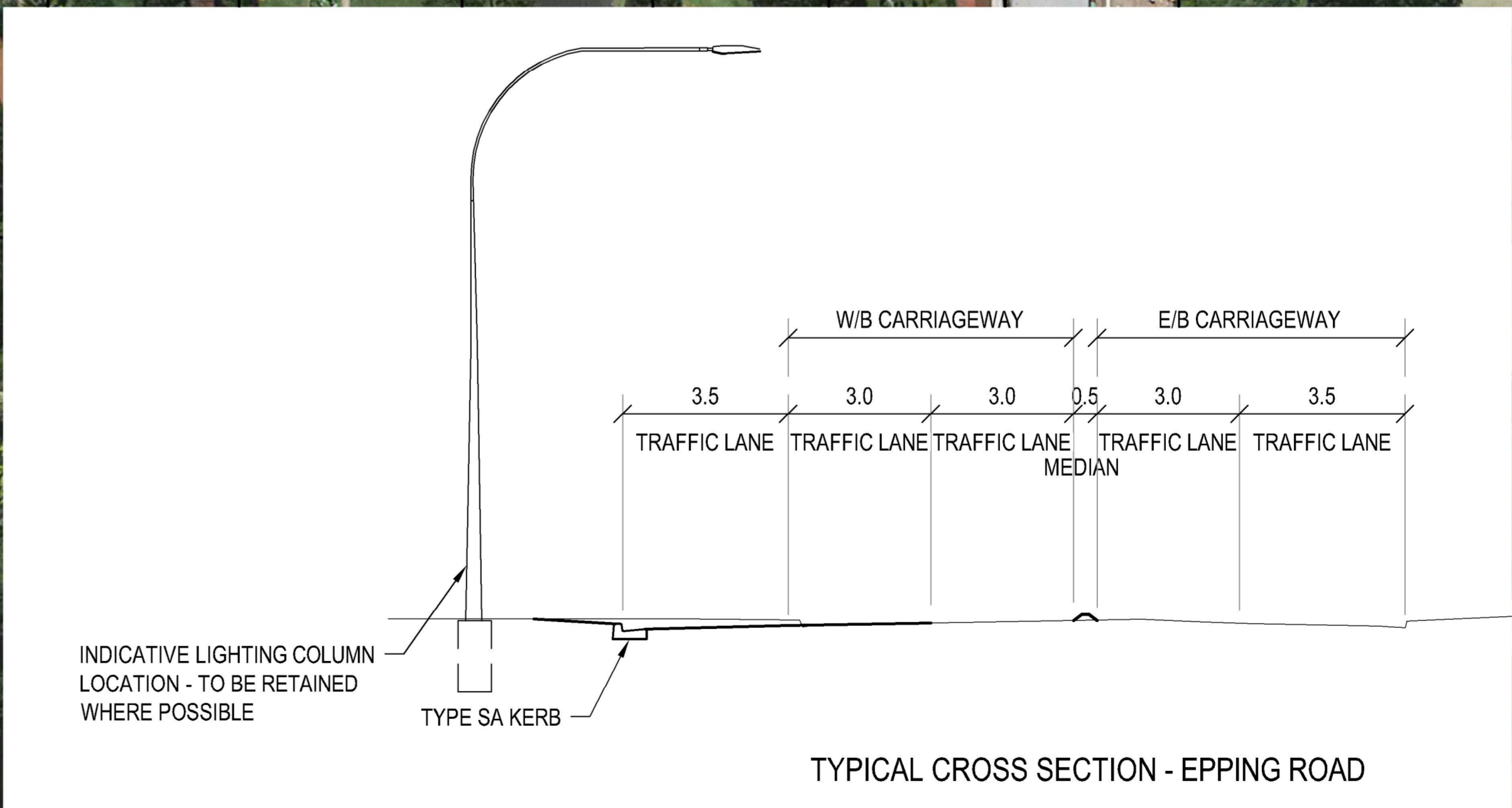
November 2015

# Appendices

# **Appendix A – Figures**

Figure 1 – Site Location Plan

Figure 2 – Site Layout Plan and Sampling Locations



**PRELIMINARY**

H	LEFT TURN AT ESSEX ST ADDED. MEDIAN AT ESSEX ST ADDED	CG		18.09.15			
G	PROVISION FOR LEFT TURN AT ESSEX STREET ADDED	CG		28.11.14			
F	FURTHER MODIFICATIONS TO ESSEX STREET INTERSECTION	PM		24.11.14			
E	MODIFICATIONS TO ESSEX STREET INTERSECTION	PM		13.11.14			
D	EPPING ROAD MEDIAN EXTENDED	CG		18.09.14			
No	Revision	Note: *	Indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date

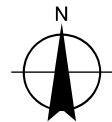
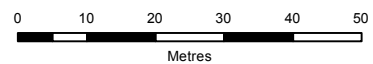


**GHD**

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<b>DO NOT SCALE</b>	Drawn	Designer
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	Approved (Project Director) Date	
	Scale AS SHOWN	This Drawing must not be used for Construction unless signed as Approved

Client	ROADS AND MARITIME SERVICES
Project	EPPING ROAD WIDENING
Title	BETWEEN BLAXLAND ROAD AND EPPING STREET CONCEPT DESIGN - OPTION 3
Original Size	A1 ROLL
Drawing No:	21-23371-SK003
Rev:	H



**LEGEND**

- Proposed RMS Demolition Areas
- Cadastre / Lot Boundaries
- Investigation Borehole Locations (GHD, 2014)

Map Projection: Transverse Mercator  
 Horizontal Datum: Geocentric Datum of Australia (GDA)  
 Grid: Map Grid of Australia 1994, Zone 56



Roads and Maritime Services  
 Epping Road Widening

Job Number	21-23371-08
Revision	B
Date	25 Sep 2015

**Investigation Locations and  
 Proposed Areas of Demolition**

**Figure 2**

G:\21\23371\GIS\Map\Deliverables\21\_23371\_2001\_EPPING\_Investigation\_Locations.mxd  
 © 2010. While GHD has taken care to ensure the accuracy of this product, GHD and Google Earth, make no representations or warranties about its accuracy, completeness or suitability for any particular purpose.  
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 Data Source: Imagery - Google Earth Pro 2012 (Retrieved 16-03-2015). Created by: tnham

## **Appendix B** – Registered Groundwater Bores

NSW ATLAS Home Map Topics  Search  within map

**Groundwater, )** Add to map Sort map layers Find a place Legend Map layer control

Map tools

**Map Legend**  
[Topographic base map:](#)  
 Primary/arterial road  
 Motorway/freeway  
 Railway  
 Runway  
 Contour  
 Background  
 ● groundwater bore

There are hidden layers - see 'Map layer control' tab

0 3 km

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GW112765

GW112773

GW112772

GW112771

GW112770

GW112769

GW112768

GW112767

GW110662

GW110661

GW110663

# Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)  
 Document Generated on Thursday, July 17, 2014

Print Report

[Works Details](#) [Site Details](#) [Form A](#) [Licensed](#) [Construction](#) [Water Bearing Zones](#) [Drillers Log](#)

## Work Requested -- GW110661

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW110661  
 LIC-NUM 10BL603238  
 AUTHORISED-PURPOSES MONITORING BORE  
 INTENDED-PURPOSES MONITORING BORE  
 WORK-TYPE Well  
 WORK-STATUS  
 CONSTRUCTION-METHOD  
 OWNER-TYPE Private  
 COMMENCE-DATE  
 COMPLETION-DATE 2009-08-20  
 FINAL-DEPTH (metres) 10.00  
 DRILLED-DEPTH (metres) 10.00  
 CONTRACTOR-NAME  
 DRILLER-NAME  
 PROPERTY PETER HAIG  
 GWMA -  
 GW-ZONE -  
 STANDING-WATER-LEVEL  
 SALINITY  
 YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
 RIVER-BASIN  
 AREA-DISTRICT  
 CMA-MAP  
 GRID-ZONE  
 SCALE  
 ELEVATION  
 ELEVATION-SOURCE  
 NORTHING 6261168.00  
 EASTING 322183.00  
 LATITUDE 33 46' 29"  
 LONGITUDE 151 4' 47"  
 GS-MAP



AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH FIELD OF MARS  
 PORTION-LOT-DP 1//224056

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH FIELD OF MARS  
 PORTION-LOT-DP 1 224056

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	10.00	150			
1	1	Casing	P.V.C.	0.00	4.00	60			Seated on Bottom
1	1	Opening	Screen	4.00	10.00	60			PVC; A: .5mm; Other
1		Annulus	Waterworn/Rounded	0.00	0.00				Graded; GS: 2- 4mm

### Water Bearing Zones [\(top\)](#)

FROM- DEPTH (metres)	TO-DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W- L	D- D- L	YIELD	TEST-HOLE- DEPTH (metres)	DURATION	SALINITY
7.50	10.00	2.50							

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO- MATERIAL	COMMENT
0.00	0.15	0.15	CEMENT		
0.15	0.50	0.35	FILL		
0.50	3.00	2.50	CLAY YELLOW WHITE LENSES		
3.00	7.00	4.00	SANDSTONE,ORANGE,YELLOW,WEATHERED		
7.00	10.00	3.00	SHALE WEATHERED WITH BROWN CLAY		

---

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# Groundwater Works Summary

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## Work Requested -- GW110662

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW110662  
 LIC-NUM 10BL603238  
 AUTHORISED-PURPOSES MONITORING BORE  
 INTENDED-PURPOSES MONITORING BORE  
 WORK-TYPE Well  
 WORK-STATUS  
 CONSTRUCTION-METHOD Other  
 OWNER-TYPE Private  
 COMMENCE-DATE  
 COMPLETION-DATE 2009-08-20  
 FINAL-DEPTH (metres) 10.00  
 DRILLED-DEPTH (metres) 10.00  
 CONTRACTOR-NAME  
 DRILLER-NAME  
 PROPERTY PETER HAIG  
 GWMA -  
 GW-ZONE -  
 STANDING-WATER-LEVEL  
 SALINITY  
 YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
 RIVER-BASIN  
 AREA-DISTRICT  
 CMA-MAP  
 GRID-ZONE  
 SCALE  
 ELEVATION  
 ELEVATION-SOURCE  
 NORTHING 6261171.00  
 EASTING 322195.00  
 LATITUDE 33 46' 29"  
 LONGITUDE 151 4' 47"  
 GS-MAP

AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH FIELD OF MARS  
 PORTION-LOT-DP 1//224056

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH FIELD OF MARS  
 PORTION-LOT-DP 1 224056

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	10.00	150			Other
1	1	Casing	P.V.C.	0.00	4.00	60			Other; Seated on Bottom
1	1	Opening	Screen	4.00	10.00	60			PVC; A: .5mm; Other
1		Annulus	Waterworn/Rounded	0.00	0.00				Graded; GS: 2- 4mm

### Water Bearing Zones [\(top\)](#)

FROM- DEPTH (metres)	TO-DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W- L	D- D- L	YIELD	TEST-HOLE- DEPTH (metres)	DURATION	SALINITY
7.50	10.00	2.50							

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	0.15	0.15	CEMENT		
0.15	0.50	0.35	FILL		
0.50	3.00	2.50	CLAY YELLOW /WHITE LENSES		
3.00	7.00	4.00	SANDSTONE ORANGE RED WEATHERED		
7.00	10.00	3.00	SHALE WEATHERED/BROWN CLAY		

---

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## Work Requested -- GW110663

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW110663  
 LIC-NUM 10BL603238  
 AUTHORISED-PURPOSES MONITORING BORE  
 INTENDED-PURPOSES MONITORING BORE  
 WORK-TYPE Well  
 WORK-STATUS  
 CONSTRUCTION-METHOD Other  
 OWNER-TYPE Private  
 COMMENCE-DATE  
 COMPLETION-DATE 2009-08-20  
 FINAL-DEPTH (metres) 10.00  
 DRILLED-DEPTH (metres) 10.00  
 CONTRACTOR-NAME  
 DRILLER-NAME  
 PROPERTY PETER HAIG  
 GWMA -  
 GW-ZONE -  
 STANDING-WATER-LEVEL  
 SALINITY  
 YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
 RIVER-BASIN  
 AREA-DISTRICT  
 CMA-MAP  
 GRID-ZONE  
 SCALE  
 ELEVATION  
 ELEVATION-SOURCE  
 NORTHING 6261151.00  
 EASTING 322203.00  
 LATITUDE 33 46' 29"  
 LONGITUDE 151 4' 48"  
 GS-MAP

AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH FIELD OF MARS  
 PORTION-LOT-DP 1//224056

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH FIELD OF MARS  
 PORTION-LOT-DP 1 224056

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	10.00	150			Other
1	1	Casing	P.V.C.	0.00	4.00	60			Other; Seated
1	1	Opening	Screen	4.00	10.00	60			PVC; A: .5mm; Other
1		Annulus	Waterworn/Rounded	0.00	0.00				Graded; GS: 2- 4mm

### Water Bearing Zones [\(top\)](#)

FROM- DEPTH (metres)	TO-DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W- L	D- D- L	YIELD	TEST-HOLE- DEPTH (metres)	DURATION	SALINITY
7.50	10.00	2.50							

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO- MATERIAL	COMMENT
0.00	0.15	0.15	CEMENT		
0.15	0.50	0.35	FILL		
0.50	3.00	2.50	CLAY YELLOW WITH WHITE LENSES		
3.00	7.00	4.00	SANDSTONE ORANGE YELLOW,WEATHERED		
7.00	10.00	3.00	SHALE WEATHERED WITH BROWN CLAY		

---

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# Groundwater Works Summary

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## Work Requested -- GW112765

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW112765  
 LIC-NUM 10BL602526  
 AUTHORISED-PURPOSES MONITORING BORE  
 INTENDED-PURPOSES MONITORING BORE  
 WORK-TYPE Bore  
 WORK-STATUS  
 CONSTRUCTION-METHOD  
 OWNER-TYPE Private  
 COMMENCE-DATE  
 COMPLETION-DATE 2008-05-28  
 FINAL-DEPTH (metres) 3.00  
 DRILLED-DEPTH (metres)  
 CONTRACTOR-NAME  
 DRILLER-NAME  
 PROPERTY MOBIL OIL AUSTRALIA LTD  
 GWMA -  
 GW-ZONE -  
 STANDING-WATER-LEVEL 1.00  
 SALINITY  
 YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
 RIVER-BASIN  
 AREA-DISTRICT  
 CMA-MAP  
 GRID-ZONE  
 SCALE  
 ELEVATION  
 ELEVATION-SOURCE  
 NORTHING 6261632.00  
 EASTING 322279.00  
 LATITUDE 33 46' 14"  
 LONGITUDE 151 4' 51"  
 GS-MAP

AMG-ZONE 56  
COORD-SOURCE  
REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 1//328586

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 1 1035227

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

no details

---

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## Work Requested -- GW112766

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW112766  
 LIC-NUM 10BL602526  
 AUTHORISED-PURPOSES MONITORING BORE  
 INTENDED-PURPOSES MONITORING BORE  
 WORK-TYPE Bore  
 WORK-STATUS  
 CONSTRUCTION-METHOD  
 OWNER-TYPE Private  
 COMMENCE-DATE  
 COMPLETION-DATE 2008-05-28  
 FINAL-DEPTH (metres) 4.00  
 DRILLED-DEPTH (metres)  
 CONTRACTOR-NAME  
 DRILLER-NAME  
 PROPERTY MOBIL OIL AUSTRALIA LTD  
 GWMA -  
 GW-ZONE -  
 STANDING-WATER-LEVEL 2.00  
 SALINITY  
 YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
 RIVER-BASIN  
 AREA-DISTRICT  
 CMA-MAP  
 GRID-ZONE  
 SCALE  
 ELEVATION  
 ELEVATION-SOURCE  
 NORTHING 6261603.00  
 EASTING 322284.00  
 LATITUDE 33 46' 15"  
 LONGITUDE 151 4' 51"  
 GS-MAP

AMG-ZONE 56  
COORD-SOURCE  
REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 1//1035227

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 1 1035227

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

no details

---

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# Groundwater Works Summary

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## Work Requested -- GW112767

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW112767  
 LIC-NUM 10BL602526  
 AUTHORISED-PURPOSES MONITORING BORE  
 INTENDED-PURPOSES MONITORING BORE  
 WORK-TYPE Bore  
 WORK-STATUS  
 CONSTRUCTION-METHOD  
 OWNER-TYPE Private  
 COMMENCE-DATE  
 COMPLETION-DATE 2013-08-28  
 FINAL-DEPTH (metres) 4.00  
 DRILLED-DEPTH (metres)  
 CONTRACTOR-NAME  
 DRILLER-NAME  
 PROPERTY MOBIL OIL AUSTRALIA LTD  
 GWMA -  
 GW-ZONE -  
 STANDING-WATER-LEVEL  
 SALINITY  
 YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
 RIVER-BASIN  
 AREA-DISTRICT  
 CMA-MAP  
 GRID-ZONE  
 SCALE  
 ELEVATION  
 ELEVATION-SOURCE  
 NORTHING 6261587.00  
 EASTING 322279.00  
 LATITUDE 33 46' 15"  
 LONGITUDE 151 4' 51"  
 GS-MAP

AMG-ZONE 56  
COORD-SOURCE  
REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 1//1035227

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 1 1035227

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

no details

---

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## Work Requested -- GW112768

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW112768  
LIC-NUM 10BL602526  
AUTHORISED-PURPOSES MONITORING BORE  
INTENDED-PURPOSES MONITORING BORE  
WORK-TYPE Bore  
WORK-STATUS  
CONSTRUCTION-METHOD  
OWNER-TYPE Private  
COMMENCE-DATE  
COMPLETION-DATE 2008-05-28  
FINAL-DEPTH (metres) 4.00  
DRILLED-DEPTH (metres)  
CONTRACTOR-NAME  
DRILLER-NAME  
PROPERTY MOBIL OIL AUSTRALIA LTD  
GWMA -  
GW-ZONE -  
STANDING-WATER-LEVEL 2.00  
SALINITY  
YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
RIVER-BASIN  
AREA-DISTRICT  
CMA-MAP  
GRID-ZONE  
SCALE  
ELEVATION  
ELEVATION-SOURCE  
NORTHING 6261579.00  
EASTING 322249.00  
LATITUDE 33 46' 16"  
LONGITUDE 151 4' 50"  
GS-MAP

AMG-ZONE 56  
COORD-SOURCE  
REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 1//1035227

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 1 1035227

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

no details

---

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## Work Requested -- GW112769

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW112769  
 LIC-NUM 10BL602526  
 AUTHORISED-PURPOSES MONITORING BORE  
 INTENDED-PURPOSES MONITORING BORE  
 WORK-TYPE Bore  
 WORK-STATUS  
 CONSTRUCTION-METHOD  
 OWNER-TYPE Private  
 COMMENCE-DATE  
 COMPLETION-DATE 2008-05-28  
 FINAL-DEPTH (metres) 4.00  
 DRILLED-DEPTH (metres)  
 CONTRACTOR-NAME  
 DRILLER-NAME  
 PROPERTY MOBIL OIL AUSTRALIA LTD  
 GWMA -  
 GW-ZONE -  
 STANDING-WATER-LEVEL 2.00  
 SALINITY  
 YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
 RIVER-BASIN  
 AREA-DISTRICT  
 CMA-MAP  
 GRID-ZONE  
 SCALE  
 ELEVATION  
 ELEVATION-SOURCE  
 NORTHING 6261581.00  
 EASTING 322239.00  
 LATITUDE 33 46' 16"  
 LONGITUDE 151 4' 49"  
 GS-MAP

AMG-ZONE 56  
COORD-SOURCE  
REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 19//3105

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 1 1035227

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

no details

---

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## Work Requested -- GW112770

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW112770  
 LIC-NUM 10BL602526  
 AUTHORISED-PURPOSES MONITORING BORE  
 INTENDED-PURPOSES MONITORING BORE  
 WORK-TYPE Bore  
 WORK-STATUS  
 CONSTRUCTION-METHOD  
 OWNER-TYPE Private  
 COMMENCE-DATE  
 COMPLETION-DATE 2008-05-28  
 FINAL-DEPTH (metres) 4.00  
 DRILLED-DEPTH (metres)  
 CONTRACTOR-NAME  
 DRILLER-NAME  
 PROPERTY MOBIL OIL AUSTRALIA LTD  
 GWMA -  
 GW-ZONE -  
 STANDING-WATER-LEVEL 2.00  
 SALINITY  
 YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
 RIVER-BASIN  
 AREA-DISTRICT  
 CMA-MAP  
 GRID-ZONE  
 SCALE  
 ELEVATION  
 ELEVATION-SOURCE  
 NORTHING 6261592.00  
 EASTING 322233.00  
 LATITUDE 33 46' 15"  
 LONGITUDE 151 4' 49"  
 GS-MAP

AMG-ZONE 56  
COORD-SOURCE  
REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 19//3105

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 1 1035227

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

no details

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# Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)  
Document Generated on Thursday, July 17, 2014

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## Work Requested -- GW112771

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW112771  
 LIC-NUM 10BL602526  
 AUTHORISED-PURPOSES MONITORING BORE  
 INTENDED-PURPOSES MONITORING BORE  
 WORK-TYPE Bore  
 WORK-STATUS  
 CONSTRUCTION-METHOD  
 OWNER-TYPE Private  
 COMMENCE-DATE  
 COMPLETION-DATE 2008-05-28  
 FINAL-DEPTH (metres) 4.00  
 DRILLED-DEPTH (metres)  
 CONTRACTOR-NAME  
 DRILLER-NAME  
 PROPERTY MOBIL OIL AUSTRALIA LTD  
 GWMA -  
 GW-ZONE -  
 STANDING-WATER-LEVEL 2.50  
 SALINITY  
 YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
 RIVER-BASIN  
 AREA-DISTRICT  
 CMA-MAP  
 GRID-ZONE  
 SCALE  
 ELEVATION  
 ELEVATION-SOURCE  
 NORTHING 6261602.00  
 EASTING 322231.00  
 LATITUDE 33 46' 15"  
 LONGITUDE 151 4' 49"  
 GS-MAP

AMG-ZONE 56  
COORD-SOURCE  
REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 19//3105

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 1 1035227

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

no details

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# Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)  
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## Work Requested -- GW112772

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW112772  
 LIC-NUM 10BL602526  
 AUTHORISED-PURPOSES MONITORING BORE  
 INTENDED-PURPOSES MONITORING BORE  
 WORK-TYPE Bore  
 WORK-STATUS  
 CONSTRUCTION-METHOD  
 OWNER-TYPE Private  
 COMMENCE-DATE  
 COMPLETION-DATE 2008-05-28  
 FINAL-DEPTH (metres) 4.00  
 DRILLED-DEPTH (metres)  
 CONTRACTOR-NAME  
 DRILLER-NAME  
 PROPERTY MOBIL OIL AUSTRALIA LTD  
 GWMA -  
 GW-ZONE -  
 STANDING-WATER-LEVEL 2.50  
 SALINITY  
 YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
 RIVER-BASIN  
 AREA-DISTRICT  
 CMA-MAP  
 GRID-ZONE  
 SCALE  
 ELEVATION  
 ELEVATION-SOURCE  
 NORTHING 6261615.00  
 EASTING 322229.00  
 LATITUDE 33 46' 14"  
 LONGITUDE 151 4' 49"  
 GS-MAP

AMG-ZONE 56  
COORD-SOURCE  
REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 19//3105

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
PARISH FIELD OF MARS  
PORTION-LOT-DP 1 1035227

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

no details

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# Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)  
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[Works Details](#)

## Work Requested -- GW112773

### Works Details [\(top\)](#)

GROUNDWATER NUMBER	GW112773
LIC-NUM	10BL602526
AUTHORISED-PURPOSES	MONITORING BORE
INTENDED-PURPOSES	MONITORING BORE
WORK-TYPE	Bore
WORK-STATUS	
CONSTRUCTION-METHOD	
OWNER-TYPE	Private
COMMENCE-DATE	
COMPLETION-DATE	2008-05-28
FINAL-DEPTH (metres)	4.00
DRILLED-DEPTH (metres)	
CONTRACTOR-NAME	
DRILLER-NAME	
PROPERTY	MOBIL OIL AUSTRALIA LTD
GWMA	-
GW-ZONE	-
STANDING-WATER-LEVEL	
SALINITY	
YIELD	

### Site Details [\(top\)](#)

REGION	10 - SYDNEY SOUTH COAST
RIVER-BASIN	
AREA-DISTRICT	
CMA-MAP	
GRID-ZONE	
SCALE	
ELEVATION	
ELEVATION-SOURCE	
NORTHING	6261624.00
EASTING	322236.00
LATITUDE	33 46' 14"
LONGITUDE	151 4' 49"
GS-MAP	

AMG-ZONE	56
COORD-SOURCE	
REMARK	

**Form-A** [\(top\)](#)

COUNTY	CUMBERLAND
PARISH	FIELD OF MARS
PORTION-LOT-DP	19//3105

**Licensed** [\(top\)](#)

COUNTY	CUMBERLAND
PARISH	FIELD OF MARS
PORTION-LOT-DP	1 1035227

**Water Bearing Zones** [\(top\)](#)

no details

**Drillers Log** [\(top\)](#)

no details

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