

Soil Bore Log		Bore No. <u>TPE</u>	
Sheet 1 of 1			
Project No: 110158	Boring (M/G):	Was not	Equipment:
Project: Evesleigh Gasworks	Boring (M/G):	Surveyed	Contractor:
Site: Macdonaldtown Triangle	Elevation (mAHQ):		Logged By:
Date: 15-Apr-05	Water Level (mbs):		Project Manager:
Weather: Rainy	Final Depth (mbs):	0.5m	Checked By:

Depth (m)	Water Found	Sample		Graphic Log	Soil Description (soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	Observation/Comments (visual contamination, odour, side collapse, etc.)
		PID	No.			
0.1						
0.2						
0.3					FILL: Ash black to gray, loose, unconsolidated, dry.	
0.4						
0.5					SDH @ 0.5m on set.	
0.6						
0.7						
0.8						
0.9						
1.0						
1.1						
1.2						
1.3						
1.4						
1.5						
1.6						
1.7						
1.8						
1.9						
2.0						
2.1						
2.2						
2.3						
2.4						
2.5						
2.6						
2.7						
2.8						
2.9						
3.0						
3.1						
3.2						
3.3						
3.4						
3.5						
3.6						
3.7						
3.8						
3.9						
4.0						
4.1						
4.2						
4.3						
4.4						
4.5						
4.6						
4.7						
4.8						
4.9						
5.0						
5.1						
5.2						
5.3						
5.4						
5.5						
5.6						
5.7						
5.8						
5.9						
6.0						
6.1						
6.2						
6.3						
6.4						
6.5						
6.6						
6.7						
6.8						
6.9						
7.0						
7.1						
7.2						
7.3						
7.4						
7.5						
7.6						
7.7						
7.8						
7.9						
8.0						
8.1						
8.2						
8.3						
8.4						
8.5						
8.6						
8.7						
8.8						
8.9						
9.0						
9.1						
9.2						
9.3						
9.4						
9.5						
9.6						
9.7						
9.8						
9.9						
10.0						

 CH2M HILL CH2M HILL AUSTRALIA Pty Ltd	GROUNDWATER MONITORING BORE LOG	Monitoring Bore No. <u>MW03S</u> Sheet 1 of 1
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Project No: <u>110158</u>	Easting (AMG): <u>317137.911</u>	Excavation Equip: <u>Rotary Air Circulation</u>
Project: <u>Eveleigh Gasworks</u>	Northing (AMG): <u>1247683.304</u>	Contractor: <u>Maquarie Drilling</u>
Site: <u>Macdonaldtown Triangle</u>	Elevation (mAHD): <u>18.38</u>	Logged By: <u>Lee Moore</u>
Date: <u>20-Apr-00</u>	Water Level (mbtc): <u>2.31m</u>	Project Manager: <u>Lee Moore</u>
Weather: <u>Fine</u>	Final Depth (mbgl): <u>3.5 m</u>	Checked By: _____

Depth (m)	Water Found	Sample		Graphic Log	Soil Description (soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	Observation/Comments (visual contamination, odour, side collapse, etc.)	Monitor. Bore Details
		PID	No.				
0.5					FILL, Sandy GRAVEL, gravel less than 3cm diameter, medium to coarse grained, grey/brown, dry, loose.		
1.0							
1.70 m			MW03-1.00-1.10		Gravelly CLAY, low plasticity, soft/firm, sub-angular gravel less than 2cm diameter, light brown, moist.		
2.0							
2.31 mbtc			MW03-2.00-2.10		Sandy CLAY, low plasticity, soft/firm, fine grained, grey/brown, slight organic odours.		
2.5							
3.0			MW03-3.00-3.10		Silty CLAY, low to medium plasticity, stiff, brown, wet, no odours.		
3.5					EOH 3.5m		

Notes

mAHD: metres Australian Height Datum mbgl: metres below ground level mbtc: metres below top of casing

Water Found

Water Level Water Inflow Water Outflow

GNE Groundwater Not Encountered

CH2M HILL CH2M HILL AUSTRALIA Pty Ltd		GROUNDWATER MONITORING BORE LOG		Monitoring Bore No. <u>MW03D</u> Sheet <u>1</u> of <u>1</u>	
Project No: 110158		Easting (AMG): 317139.485		Excavation Equip: Rotary Air Circulation	
Project: Eveleigh Gasworks		Northing (AMG): 1247683.339		Contractor: Maquarie Drilling	
Site: Macdonaldtown Triangle		Elevation (mAHD): 18.33		Logged By: Lee Moore	
Date: 19-Apr-00		Water Level (mbtc): 4.03m		Project Manager: Lee Moore	
Weather: Fine		Final Depth (mbgl): 13.5 m		Checked By:	

Depth (m)	Water Found	Sample		Graphic Log	Soil Description (soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	Observation/Comments (visual contamination, odour, side collapse etc.)	Monitor. Bore Details
		PID	No.				
0.5					FILL, Sandy GRAVEL, gravel less than 3cm diameter, medium to coarse grained, grey/brown, dry, loose.		
1.0			MW03-1.00-1.10		Gravelly CLAY, low plasticity, soft/firm, sub-angular gravel less than 2cm diameter, light brown, moist.		
2.0			MW03-2.00-2.10		Sandy CLAY, low plasticity, soft/firm, fine grained, grey/brown, slight organic odours.		
3.0			MW03-3.00-3.10				
4.0	4.03 mbtc		MW03-4.00-4.10		Silty CLAY, low to medium plasticity, stiff, brown, wet, no odours.		
5.0							
6.0							
7.0							
8.0					Siltstone, low plasticity, stiff, brown/red/grey, dry, no odours		
9.0							
10.0							
11.0	11.0 m						
12.0					Shale, hard, grey, foliated, slight odour.		
13.0							
13.5					EOH 13.5m		

Notes

mAHD: metres Australian Height Datum mbgl: metres below ground level mbtc: metres below top of casing

Water Found

Water Level Water Inflow Water Outflow

GNE Groundwater Not Encountered



CH2M HILL

GROUNDWATER
MONITORING BORE LOG

Monitoring Bore No.

MW04S

CH2M HILL AUSTRALIA Pty Ltd

Sheet 1 of 1

Project No: 110158	Easting (AMG): 317159.418	Excavation Equip: Rotary Air Circulation
Project: Eveleigh Gasworks	Northing (AMG): 1247704.764	Contractor: Maquarie Drilling
Site: Macdonaldtown Triangle	Elevation (mAHD): 18.4	Logged By: Lee Moore
Date: 20-Apr-00	Water Level (mbtc): 2.29m	Project Manager: Lee Moore
Weather: Fine	Final Depth (mbgl): 3.5 m	Checked By:

Depth (m)	Water Found	Sample PID No.	Graphic Log	Soil Description (soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	Observation/Comments (visual contamination, odour, side collapse, etc.)	Monitor. Bore Details
0.5				FILL, Sandy GRAVEL, angular gravel less than 5cm diameter, coarse grained, grey/black, dry, loose, no odours.		
1.0		MW04-1.00-1.10		Sandy CLAY, low plasticity, soft/firm, medium grained, red/brown, moist.		
1.5						
1.80 m						
2.0		MW04-2.00-2.10		Silty CLAY, low plasticity, soft, grey/brown, wet, slight organics odour.		
2.29 mbtc						
2.5						
3.0		MW04-3.00-3.10		Sandy CLAY, low plasticity, firm/stiff, medium grained, red/brown, wet.		
3.5				EOH 3.5m		

Notes

mAHD: metres Australian Height Datum

mbgl: metres below ground level

mbtc: metres below top of casing

Water Found

Water Level

Water Inflow

Water Outflow

GNE

Groundwater Not Encountered

CH2M HILL		GROUNDWATER MONITORING BORE LOG		Monitoring Bore No. <u>MW04D</u>	
CH2M HILL AUSTRALIA Pty Ltd				Sheet 1 of 1	
Project No:	110158	Easting (AMG)	317158.641	Excavation Equip:	Rotary Air Circulation
Project:	Eveleigh Gasworks	Northing (AMG)	1247703.451	Contractor:	Maquarie Drilling
Site:	Macdonaldtown Triangle	Elevation (mAHD):	18.37	Logged By:	Lee Moore
Date:	19-Apr-00	Water Level (mbtc):	3.78m	Project Manager:	Lee Moore
Weather:	Fine	Final Depth (mbgl):	11.5 m	Checked By:	

Depth (m)	Water Found	Sample		Graphic Log	Soil Description (soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	Observation/Comments (visual contamination, odour, side collapse etc.)	Monitor. Bore Details
		PID	No.				
0.5					FILL, Sandy GRAVEL, angular gravel less than 5cm diameter, coarse grained, grey/black, dry, loose, no odours.		
1.0			MW04-1.00-1.10		Sandy CLAY, low plasticity, soft/firm, medium grained, red/brown, moist.		
1.5							
2.0			MW04-2.00-2.10		Silty CLAY, low plasticity, soft, grey/brown, wet, slight organics odour.		
2.5							
3.0			MW04-3.00-3.10				
3.5							
4.0	3.78 mbtc				Sandy CLAY, low plasticity, firm/stiff, medium grained, red/brown, wet.		
4.5							
5.0							
5.5							
6.0							
6.5							
7.0							
7.5					Siltstone, low plasticity, stiff, red/brown/grey, dry.		
8.0							
8.5							
9.0							
9.5							
10.0	10 m						
10.5					Shale, hard, grey, foliated, wet, no odours.		
11.0							
11.5					EOH 11.5m		
12.0							
12.5							
13.0							
13.5							

Notes

mAHD: metres Australian Height Datum mbgl: metres below ground level mbtc: metres below top of casing

Water Found

— Water Level Water Inflow Water Outflow

GNE Groundwater Not Encountered

**CH2M HILL****GROUNDWATER
MONITORING BORE LOG**

Monitoring Bore No.

MW06S

CH2M HILL AUSTRALIA Pty Ltd

Sheet 1 of 1

Project No:	110158	Easting (AMG):	317103.196	Excavation Equip:	Rotary Air Circulation
Project:	Eveleigh Gasworks	Northing (AMG):	1247719.155	Contractor:	Maguarie Drilling
Site:	Macdonaldtown Triangle	Elevation (mAHD):	18.96	Logged By:	Lee Moore
Date:	20-Apr-00	Water Level (mbtc):	2.33m	Project Manager:	Lee Moore
Weather:	Fine	Final Depth (mbgl):	3.5m	Checked By:	

Depth (m)	Water Found	Sample		Graphic Log	Soil Description (soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	Observation/Comments (visual contamination, odour, side collapse, etc.)	Monitor Bore Details
		PID	No.				
					FILL, Bitumen		
			6-0.2-0.3				
			6-0.3-0.4		FILL, Brown/black, coke fill, dry, crumbly, light, minor coarse black sand.		
0.5							
					FILL, Red/grey, sandy clay, red weathered shale.		
1.0							
			6-1.0-1.1				
1.5							
					Dark grey plastic silty clay, roots.		
2.0							
			6-2.0-2.1				
2.33 mbtc							
2.5							
					Red, clay, compacted, dry, weathered shale red.		
3.0							
			6-3.0-3.1				
3.5							
					EOH @ 3.5m		

Notes

mAHD: metres Australian Height Datum

mbgl: metres below ground level

mbtc: metres below top of casing

Water Found

— Water Level

Water Inflow

Water Outflow

GNE Groundwater Not Encountered

CH2M HILL CH2M HILL AUSTRALIA Pty Ltd		GROUNDWATER MONITORING BORE LOG		Monitoring Bore No. <u>MW06D</u>	
				Sheet <u>1</u> of <u>1</u>	
Project No:	<u>110158</u>	Easting (AMG):	<u>317102.514</u>	Excavation Equip:	<u>Rotary Air Circulation</u>
Project:	<u>Eveleigh Gasworks</u>	Northing (AMG):	<u>1247720.496</u>	Contractor:	<u>Maquarie Drilling</u>
Site:	<u>Macdonaldtown Triangle</u>	Elevation (mAHD):	<u>18.97</u>	Logged By:	<u>Lee Moore</u>
Date:	<u>19-Apr-00</u>	Water Level (mbtc):	<u>2.29m</u>	Project Manager:	<u>Lee Moore</u>
Weather:	<u>Fine</u>	Final Depth (mbgl):	<u>15.0 m</u>	Checked By:	

Depth (m)	Water Found	Sample PID No.	Graphic Log	Soil Description (soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	Observation/Comments (visual contamination, odour, side collapse, etc.)	Monitor Bore Details
0.5		6-0.2-0.3		FILL: Brown/black, coke mill, dry, crumbly, light, minor coarse black sand.		
0.5		6-0.3-0.4		FILL: Red/grey, sandy clay, red weathered shale.		
1.0		6-1.0-1.1				
1.5				Dark grey plastic silty clay, roots.		
2.0		6-2.0-2.1				
2.5	2.29 mbtc					
3.0		6-3.0-3.1				
3.5						
4.0						
4.5				Red clay, compacted, dry, weathered shale red.		
5.0						
5.5						
6.0						
6.5						
7.0						
7.5						
8.0						
8.5						
9.0						
9.5						
10.0						
10.5						
11.0	11.0 m			Shale, hard, grey, foliated, slight odour.		
11.5						
12.0						
12.5						
13.0						
13.5						
14.0						
14.5						
15.0				EOH @ 15.0m		

Notes

mAHD: metres Australian Height Datum

mbgl: metres below ground level

mbtc: metres below top of casing

Water Found

Water Level

Water Inflow

Water Outflow

GNE Groundwater Not Encountered



CH2M HILL

SOIL BORE LOG

Bore No. MW07S

Sheet 1 of 1

Project No: 110381 Easting (AMG) 317101.94 Equipment: Solid Flight Auger
Project: Macdonaldtown Triangle Offsite Northing (AMG) 1247693.13 Contractor: Macquarie Drilling
Site: Former Gasworks Area Elevation (mAHD): 19.575 Logged By: VR
Date: 24-Sep-01 Water Level (mbtc): 2.67 Project Manager: NR
Weather: Fine, warm Final Depth (mbgl): 1.82 Checked By:

Depth (m)	Water Found	Sample		Graphic Log	Soil Description (soil type, plasticity/grain size, colour, secondary/minor components, moisture, consistency)	Observation/Comments (visual contamination, odour, side collapse, etc.)
		Loc.	Depth			
0.05-0.3		MW07S	090100		Bitumen (0.05 m) Fill: Sandy CLAY, brown, low plasticity, soft, coarse grain. CLAY, red, firm, plastic, dry.	NVO Monument 0.5 PID = 0.0 ppm
1.0	Groundwater @ 2.67 m below top monument				CLAY, red, firm, plastic, moist.	
2.0						
3.0						
4.0					End of Hole 4 m	
5.0						
6.0						Water Sample: MW07S091001 taken 9/10/01 Slug test
7.0						
8.0						
9.0						
10.0						
11.0						
12.0						

Notes

mAHD:metres Australian Height Datum

mbgl:metres below ground level

mbtc:metres below top of casing