

**CH2M HILL**

CH2M HILL AUSTRALIA Pty Ltd

SOIL BORE LOG**Bore No. 32**

Sheet 1 of 1

Project No: 110158	Easting (AMG)	317232.958	Equipment:	Push Tube
Project: Eveleigh Gasworks	Northing (AMG)	1247816.131	Contractor:	Macquarie
Site: Macdonaldtown Triangle	Elevation (mAHD):	20.69	Logged By:	Maria Milos
Date: 18-Apr-00	Water Level (mbtc):	N/A	Project Manager:	Lee Moore
Weather: Cloudy	Final Depth (mbgl):	4.0m	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.)
0.1		0.4	32-0-0.1		FILL, Dark brown, sandy gravel/ballast less than 5cm, medium to coarse grained	
0.2						
0.3					FILL, Crushed gravel and concrete, dry, pieces less than 3cm. Very loose.	
0.4						
0.5						
0.6						
0.7					FILL, Dark brown silty, sand, gravel fragments less than 1cm, minor coke pieces less than 0.5cm.	
0.8		0.7	32-1.0-1.1			
0.9						
1.0						
1.1			32-1.1-1.2		FILL, White coarse sand, homogeneous dry, minor red/orange colour streaks.	
1.2						
1.3					FILL, Brown/tan sandy clay, minor rock fragments less than 1cm, dry.	
1.4						
1.5						
1.6		0	32-1.6-1.7		FILL, Grey mottled, red clay, hard, decomposed grey shale, and weathered red shale pieces.	
1.7						
1.8					FILL, Orange/brown coarse building sand, moist.	
1.9						
2.0		0.2	32-2.0-2.1			
2.1					Grey mottled, red clay, hard, decomposed grey shale, and weathered red shale pieces.	
2.2						
2.3					Dark grey plastic clay, tree root, homogeneous, very dark grey.	
2.4						
2.5						
2.6						
2.7						
2.8						
2.9						
3.0						
3.1						
3.2					Grey mottled, red clay, hard, decomposed grey shale, and weathered red shale pieces.	
3.3						
3.4						
3.5						
3.6						
3.7						
3.8						
3.9						
4.0					EOH @ 4.0 m on clay.	

Notes

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

SOIL BORE LOG

Bore No. **33**

Sheet 1 of 1

Project No: 110158	Easting (AMG): 317086.499	Equipment: Excavator
Project: Eveleigh Gasworks	Northing (AMG): 1247760.81	Contractor: JFT(PC45R)
Site: Macdonaldtown Triangle	Elevation (mAHD): 20.24	Logged By: Kelly Chan
Date: 19-Apr-00	Water Level (mbtc): N/A	Project Manager: Lee Moore
Weather: Overcast	Final Depth (mbgl): 2.0m	Checked By:

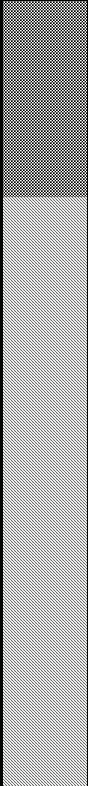
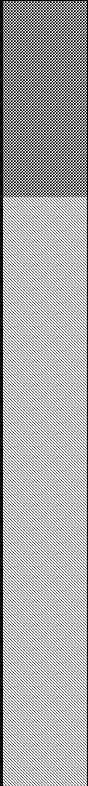

Depth (m)	Water Found	Sample		Graphic Log	Soil Description (soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	Observation/Comments (visual contamination, odour, side collapse, etc.)
		PID	No.			
0.1					FILL, Medium grained sand, dark brown, loose unconsolidated.	
0.2			33-0.2			
0.3					Clay, moist to wet, mottled grey/orange/red, plastic	
0.4						
0.5						
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			33-2.0		EOH at 2.0m on clay	
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						

SOIL BORE LOG

Bore No. **34**

Sheet **1** of **1**

Project No: 110158	Easting (AMG): 317101.842	Equipment: Excavator
Project: Eveleigh Gasworks	Northing (AMG): 1247776.74	Contractor: JFT(PC45R)
Site: Macdonaldtown Triangle	Elevation (mAHD): 20.46	Logged By: Kelly Chan
Date: 19-Apr-00	Water Level (mbtc): N/A	Project Manager: Lee Moore
Weather: Overcast	Final Depth (mbgl): 2.0m	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			34-0.0-0.1			
0.2					FILL, Dark brown sand, some gravel ballast, bricks, unconsolidated, moist.	
0.3						
0.4			34-0.4-0.5		FILL, Black to grey ash unconsolidated, dry.	
0.5						
0.6						
0.7						
0.8						
0.9						
1.0						
1.1						
1.2						
1.3					Red/beige mottled clay with sandstone fragments.	
1.4						
1.5						
1.6						
1.7						
1.8						
1.9						
2.0						
2.1					EOH @ 2.0m on clay	
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						

Notes

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

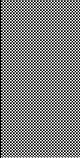
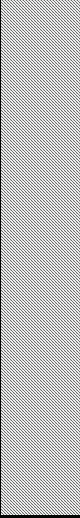

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SOIL BORE LOG**Bore No. 35**

Sheet 1 of 1

Project No: 110158	Easting (AMG)	317128.139	Equipment:	Excavator
Project: Eveleigh Gasworks	Northing (AMG)	1247798.341	Contractor:	JFT(PC45R)
Site: Macdonaldtown Triangle	Elevation (mAHD):	20.22	Logged By:	Kelly Chan
Date: 19-Apr-00	Water Level (mbtc):	N/A	Project Manager:	Lee Moore
Weather: Raining	Final Depth (mbgl):	1.7m	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					FILL, Sand with some gravel (ballst), wet to moist, loose unconsolidated, dark brown.	
0.2			35-0.2			
0.3						
0.4					Clay mottled red/grey, moderate plasticity, moist.	
0.5						
0.6						
0.7						
0.8			35-0.8			
0.9					EOH @ 1.7m on clay	
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						

Notes

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

**CH2M HILL**

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SOIL BORE LOG**Bore No. 36**

Sheet 1 of 1

Project No: 110158	Easting (AMG)	317155.250	Equipment:	Excavator
Project: Eveleigh Gasworks	Northing (AMG)	1247793.952	Contractor:	JFT(PC45R)
Site: Macdonaldtown Triangle	Elevation (mAHD):	20.07	Logged By:	Kelly Chan
Date: 19-Apr-00	Water Level (mbtc):	N/A	Project Manager:	Lee Moore
Weather: Raining	Final Depth (mbgl):	1.9m	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			36-0.3		FILL, Light brown sand, some gravel ballast, unconsolidated, moist.	Plastic pipe at 0.2m trending northwest to southeast.
0.2						
0.3			36-0.1		FILL, Dark brown to black ash, some tightly packed clay,	
0.4						
0.5						
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					EOH @ 1.9m on clay.	
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						

Notes

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**CH2M HILL**

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SOIL BORE LOG**Bore No. 37**

Sheet 1 of 1

Project No: 110158	Easting (AMG)	317176.655	Equipment:	Excavator
Project: Eveleigh Gasworks	Northing (AMG)	1247805.768	Contractor:	JFT(PC45R)
Site: Macdonaldtown Triangle	Elevation (mAHD):	20.29	Logged By:	Kelly Chan
Date: 19-Apr-00	Water Level (mbtc):	N/A	Project Manager:	Lee Moore
Weather: Sunny	Final Depth (mbgl):	2.0m	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					FILL, Dark brown, loose unconsolidated sand/gravel ballast (less than 1cm), some organic matter, moist.	
0.2			37-0.2			
0.3					FILL, Loose unconsolidated dark brown sand/gravel ballast, dry, with some slag and sandstone fragments.	
0.4					FILL, Very compacted sand/gravel layer approximately 0.2 to 0.15 m thick.	
0.5			37-0.5			
0.6						
0.7						
0.8						
0.9					Clay with sandstone inclusions, clay is moist, moderately plastic, mottled red/cream, sandstone fragments (weathered).	
1.0						
1.1						
1.2						
1.3						
1.4						
1.5						
1.6						
1.7					Tight, consolidated clay, mottled grey, rust, minor sandstone fragments, plastic, moist.	
1.8						
1.9						
2.0						
2.1					EOH at 2.0m on clay	
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						

Notes

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