

CH2M HILL

SOIL BORE LOG

Sheet 1 of 1

CH2M HILL AUSTRALIA Pty Ltd

Project No. 110158	Easting (AMG) 317209.601	Equipment: Push Tube
Project: Eveleigh Gasworks	Northing (AMG) 1247820.981	Contractor: Macquarie
Site: Macdonaldtown Triangle	Elevation (mAHD): 20.52	Logged By: Maria Milos
Date: 18-Apr-00	Water Level (mbtc): N/A	Project Manager: Lee Moore
Weather: Overcast	Final Depth (mbgl): 2.5m	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		2.3	42-0.0-0.1			
0.2						
0.3					FILL, Dark brown gravelly fill, ballast less than 5cm, minor coke less than 1cm, dry.	
0.4						
0.5						
0.6						
0.7		0.6	42-0.7-0.8		FILL, Black, coke till, dry, crumbly, light, coke fragments less than 1cm.	
0.8					FILL, White cream coarse sand.	
0.9						
1.0					FILL, Orange coarse building sand.	
1.1		0.8	42-1.0-1.1			
1.2						
1.3						
1.4						
1.5						
1.6		0.7	42-1.5-1.6			
1.7						
1.8					Tan, mottled orange clay, plastic, minor roots, decomposed shale.	
1.9						
2.0		1.4	42-1.9-2.0			
2.1						
2.2						
2.3						
2.4						
2.5					EOH @ 2.5m on shale.	
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		SOIL BORE LOG		Bore No. <u>43</u>	
CH2M HILL AUSTRALIA Pty Ltd				Sheet 1 of 1	
Project No:	110158	Easting (AMG)	317111.826	Equipment:	Excavator
Project:	Eveleigh Gasworks	Northing (AMG)	1247739.861	Contractor:	JFT(PC45R)
Site:	Macdonaldtown Triangle	Elevation (mAHD):	20.27	Logged By:	Kelly Chan
Date:	19-Apr-00	Water Level (mbtc):	N/A	Project Manager:	Lee Moore
Weather:	Overcast	Final Depth (mbgl):	1.6m	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, medium grained sand, some gravel ballast sandstone fragments, fragments of wires, pvc, plastic, soil unconsolidated and moist.	wooden sleepers at 0.1m.
0.2						Steel pipe at 0.5m running east west (0.4m diameter)
0.3					FILL, Ash layer around 0.3 to 0.4m, loose, dry, grey to black.	Steel pipe at 0.4m running east west (0.4m diameter)
0.4			43-0.4			
0.5						Edge of concrete pad is visible along northern edge of test pit the pad extends down from 0.1m to approximately 0.6m.
0.6						
0.7			43-0.7			
0.8						
0.9						
1.0					Mottled grey to red clay minor sandstone fragments (weathered), moderately plastic, moist.	
1.1						
1.2						
1.3						
1.4						
1.5						
1.6					Dark brown, medium grained sand, some gravel ballast, fragments of brick and ceramic pipe. Organic muddy odour, unconsolidated and moist.	
1.7					EOH @ 1.6m.	
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**

CH2M HILL AUSTRALIA Pty Ltd

SOIL BORE LOGBore No. TP44Sheet 1 of 1

Project No: <u>110158</u>	Easting (AMG): <u>317129.984</u>	Equipment: <u>Excavator</u>
Project: <u>Eveleigh Gasworks</u>	Northing (AMG): <u>1247742.87</u>	Contractor: <u>JFT(PC45R)</u>
Site: <u>Macdonaldtown Triangle</u>	Elevation (mAHD): <u>20.18</u>	Logged By: <u>Kelly Chan</u>
Date: <u>19-Apr-00</u>	Water Level (mbtc): <u>N/A</u>	Project Manager: <u>Lee Moore</u>
Weather: <u>Raining</u>	Final Depth (mbgl): <u>2.1m</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.)
		PID	No.			
0.1					FILL, Black to grey ash, loose unconsolidated, dry.	
0.2			TP44-0.2-0.3			Duplicate Collected
0.3						
0.4					Red clay, low plasticity, firm, mottled with grey, some sandstone fragments (weathered).	
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			TP44-2.0-2.1			
2.1					EOH @ 2.1m 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

Project No.	110158	Bearing (AMG)	317214.570	Equipment	Excavator
Project	Everleigh Gasworks	Magnitude (AMG)	1247774.179	Contractor	JFT(PC4SR)
Site	Maddonardtown Triangle	Elevation (mASD)	10.42	Logged By	Kelly Chan
Date	18-Apr-00	Water Level (mbsl)	N/A	Project Manager	Lee Moore
Weather	Raining	Final Depth (mbsl)	2.1m	Checked By	

NOTES

CH2M HILL		Soil Borehole Log		Bore No. <u>TPA</u>	
1000-1000-0000-0000-0000-0000		Sheet 1 of 1			
Project No:	110158	Existing (M/G):	Was not	Equipment:	Excavator
Project:	Evaleigh Gasworks	Nothing (M/G):	Surveyed	Contractor:	JFT/PC15R
Site:	Macdonaldtown Triangle	Elevation (mAH):		Logged By:	Kelly Chan
Date:	19-Apr-09	Water Level (mhtc):		Project Manager:	Lee Moore
Weather:	Rain	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						
0.2						
0.3						
0.4						
0.5						
0.6						
0.7						
0.8					FILL: Light brown medium grained sand with some gravel, loose unconsolidated moist.	
0.9						
1.0						
1.1						
1.2						
1.3						
1.4						
1.5						
1.6			TPA - 1.6			
1.7					FILL: Free tar product migrating out of bricks/seams, some clay, plastic, wet, tarry type odour.	
1.8						
1.9						
2.0					EOH @ 2.0m refusal on possible concrete or brick footing.	
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						

OF SOILBORING (Soil Boring Log)		Bore No. <u>TPB</u>	
Sheet 1 of 1			
Project No:	115159	Easting (AMG):	Was not
Project:	Evelagh Gasworks	Northing (AMG):	Surveyed
Site:	Macdonaldtown Triangle	Elevation (m.AHD):	
Date:	19-Apr-07	Water Level (mtd):	
Weather:	Raining	Final Depth (mtd):	1.0m
		Equipment:	Excavator
		Contractor:	JFTPC45R
		Logged By:	Kelly Chan
		Project Manager:	Lee Moore
		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, sink collapse, etc.)
		PID	No.			
0.1						
0.2						
0.3						
0.4						
0.5					FILL: Dark brown sand with some clay bricks, moist, uncontaminated, minor clay inclusions	
0.6						
0.7						
0.8						
0.9						
1.0						
1.1					EOH at 1m refusal on pipes and concrete footings.	
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						

Soil Borehole Log					Bore No. <u>TPC</u>	
Sheet 1 of 1						
Project No.	<u>110158</u>		Easting (ADG)	Was not	Equipment	<u>Excavator</u>
Project	<u>Everleigh Gasworks</u>		Northing (ADG)	Surveyed	Contractor	<u>JFT(PC45R)</u>
Site	<u>Woodsonaldtown Triangle</u>		Elevation (m/AMD)		Logged By	<u>Kelly Chan</u>
Date	<u>19-Apr-00</u>		Water Level (m/MLC)		Project Manager	<u>Lee Mouts</u>
Weather	<u>Partly</u>		Final Depth (m/byn)	<u>1.6m</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.)
		PID	No.			
0.1						Brick wall located along eastern side of excavation
0.2						
0.3						
0.4						
0.5						
0.6						
0.7						
0.8						FILL, Bricks, minor clay, sand, very wet, visible hydrocarbon sheen, hydrocarbon odour, not visible on bricks.
0.9						
1.0			TPC-1.0			
1.1						
1.2						
1.3						
1.4						
1.5						
1.6						EOH at 1.6m refusal on brick work.
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						
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5.6						
5.7						
5.8						
5.9						
6.0						
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6.6						
6.7						
6.8						
6.9						
7.0						
7.1						
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8.9						
9.0						
9.1						
9.2						
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9.4						
9.5						
9.6						
9.7						
9.8						
9.9						
10.0						

S-121A-11L		SOIL BORE LOG		Bore No. <u>TPD</u>	
DATE: 2012-12-12 12:00 PM		Sheet 1 of 1			
Project No:	110150	Logging (AMS):	Was not	Equipment:	Excavator
Project:	Eveligh Gasworks	Milling (AMS):	Surveyed	Contractor:	JFT(PC45P)
Site:	Wardson Town Triangle	Elevation (mAHQ):		Logged By:	Kelly Chan
Date:	12/10/12	Water Level (mbgl):		Project Manager:	Lee Moore
Weather:	Partly	Final Depth (mbgl):	1.6m	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, slide collapse, etc.)
		PID	No.			
0.1					FILL, Ash black to grey, loose, unconsolidated, dry.	
0.2						
0.3						
0.4						
0.5						
0.6			TPD - 0.5		Sand, bedded, bands, fine to medium grained, loosely consolidated, moist, light brownish well sorted.	
0.7						
0.8						
0.9						
1.0						
1.1						
1.2						
1.3						
1.4						
1.5						
1.6					EOH @ 1.6m in sand	
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						
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4.4						
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8.1						
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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						