

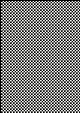
**CH2M HILL**

CH2M HILL AUSTRALIA Pty Ltd

SOIL BORE LOG**Bore No. 10**

Sheet 1 of 1

Project No: 110158	Easting (AMG)	317134.360	Equipment:	Excavator
Project: Eveleigh Gasworks	Northing (AMG)	1247729.447	Contractor:	JFT(PC45R)
Site: Macdonaldtown Triangle	Elevation (mAHD):	18.73	Logged By:	Kelly Chan
Date: 19-Apr-00	Water Level (mbtc):	N/A	Project Manager:	Lee Moore
Weather: Overcast	Final Depth (mbgl):	0.3	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			10-0.0-0.1		FILL, Dark brown sand, some gravel ballast, some slag and bricks.	
0.2						
0.3			10-0.3			
0.4					EOH @ 0.3m on concrete slab.	
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						
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

SOIL BORE LOG

Bore No. **11**

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

Project No: 110158	Easting (AMG): 317140.501	Equipment: Auger/Push Tube
Project: Eveleigh Gasworks	Northing (AMG): 1247707.420	Contractor: Macquarie
Site: Macdonaldtown Triangle	Elevation (mAHD): 18.56	Logged By: Maria Milos
Date: 19-Apr-00	Water Level (mbtc): N/A	Project Manager: Lee Moore
Weather: Rain	Final Depth (mbgl): 3.9m	Checked By:

Depth (m)	Water Found	Sample		Graphic Log	Soil Description	Observation/Comments
		PID	No.		(soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	
0.1					FILL, Dark brown, gravelly fill, gravel fragments less than 3cm, minor fine roots.	Auger
0.2						
0.3						
0.4						
0.5						
0.6					FILL, Orange coarse building sand, wet.	Pushtube
0.7						
0.8						
0.9						
1.0						
1.1						
1.2			11-1.2-1.3			
1.3						
1.4						
1.5						
1.6					FILL, Dark grey clay fill and coke fill (odour)	
1.7						
1.8						
1.9						
2.0						
2.1						
2.2						
2.3						
2.4						
2.5					Dark grey clay (no odour)	
2.6						
2.7						
2.8						
2.9						
3.0			11-3.0-3.1			
3.1						
3.2						
3.3					Orange stiff/weathered clay, no odour	
3.4						
3.5						
3.6						
3.7						
3.8						
3.9						
4.0					EOH @ 3.9m on clay.	

Notes

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

SOIL BORE LOG

 Bore No. **12**

Sheet 1 of 1

Project No:	110158	Easting (AMG)	317151.071	Equipment:	Push Tube
Project:	Eveleigh Gasworks	Northing (AMG)	1247716.220	Contractor:	Macquarie
Site:	Macdonaldtown Triangle	Elevation (mAHD):	18.67	Logged By:	Maria Milos
Date:	19-Apr-00	Water Level (mbtc):	N/A	Project Manager:	Lee Moore
Weather:	Rain	Final Depth (mbgl):	4.5m	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			12-0.0-0.1		FILL, Dark brown, gravelly fill, gravel fragments less than 3cm, minor fine roots.	
0.2						
0.3						
0.4						
0.5						
0.6					FILL, Orange coarse building sand, wet.	Auger
0.7						
0.8						
0.9						
1.0			12-0.9-1.0			
1.1						
1.2						
1.3		0	12-1.3-1.4			
1.4					FILL, Tan/grey coarse sand, wet.	Pushtube
1.5						
1.6						
1.7						
1.8						
1.9						
2.0		0	12-2.0-2.1			
2.1						
2.2					FILL, Grey/orange clay some shale, plastic, some coke fill	
2.3						
2.4						
2.5						
2.6		0	12-2.6-2.7			
2.7					FILL, Dark grey clay and coke fill (odour)	
2.8						
2.9						
3.0						
3.1						
3.2						
3.3						
3.4		0			Red, clay, compacted, dry, weathered shale red.	
3.5						
3.6						
3.7						
3.8						
3.9						
4.0					Dark grey clay plastic	
4.1						
4.2						
4.3					Grey and red compacted clay minor roots (slight odour)	
4.4						
4.5			12-4.4-4.5			
					EOH @ 4.5m on clay.	

Notes

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

SOIL BORE LOG

Bore No. **13**

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

Project No: 110158	Easting (AMG)	Was not	Equipment:	Push Tube
Project: Eveleigh Gasworks	Northing (AMG)	Surveyed	Contractor:	Macquarie
Site: Macdonaldtown Triangle	Elevation (mAHD):		Logged By:	Maria Milos
Date: 19-Apr-00	Water Level (mbtc):	N/A	Project Manager:	Lee Moore
Weather: Rain	Final Depth (mbgl):	3.9m	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			13-0.0-0.1		FILL, Dark brown, gravelly fill, gravel fragments less than 3cm, minor fine roots.	Auger
0.2						
0.3			13-0.2-0.3			
0.4					FILL, Brown/black coke fill, dry, crumbly, light, minor coarse black sand.	
0.5						Auger
0.6						
0.7						
0.8					Red, clay, compacted, dry, weathered shale red.	
0.9			13-0.9-1.0			Pushtube
1.0						
1.1						
1.2		0	13-1.2-1.3		Dark grey silty clay.	
1.3						Pushtube
1.4						
1.5						
1.6					Tan/grey mottled plastic clay some weathered shale.	
1.7						Pushtube
1.8						
1.9						
2.0						
2.1						Pushtube
2.2						
2.3						
2.4						
2.5						Pushtube
2.6						
2.7						
2.8						
2.9						Pushtube
3.0		0	13-3.0-3.1		Grey clay, homogeneous plastic, tree roots.	
3.1						
3.2						
3.3						Pushtube
3.4						
3.5						
3.6						
3.7						Pushtube
3.8						
3.9						
4.0					EOH @ 3.9m on clay.	

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 LOG		Bore No. 14		
Project No: 110158		Easting (AMG)		317161.824		
Project: Eveleigh Gasworks		Northing (AMG)		1247753.075		
Site: Macdonaldtown Triangle		Elevation (mAHD):		19.03		
Date: 19-Apr-00		Water Level (mbtc):		N/A		
Weather: Rain		Final Depth (mbgl):		5.1m		
		Equipment:		Auger		
		Contractor:		Macquarie		
		Logged By:		Maria Milos		
		Project Manager:		Lee Moore		
		Checked By:				
Depth (m)	Water Found	Sample PID	Sample No.	Graphic Log	Soil Description (soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	Observation/Comments (visual contamination, odour, side collapse, etc.)
0.1			14-0.0-0.1		FILL, Dark brown, gravelly fill, gravel fragments less than 3cm, minor fine roots.	
0.2						
0.3			14-0.2-0.3			
0.4					FILL, Brown/black coke fill, dry, crumbly, light, minor coarse black sand.	
0.5						
0.6						
0.7						
0.8						
0.9			14-0.9-1.0			
1.0					FILL, Red, clay, compacted, dry, weathered shale red.	
1.1						
1.2						
1.3						
1.4						
1.5						
1.6					Grey plastic mottled red clay.	
1.7						
1.8						
1.9						
2.0						
2.1						
2.2		0	14-2.2-2.3			
2.3						
2.4						
2.5					Tan/grey plastic clay.	
2.6						
2.7						
2.8						
2.9						
3.0						
3.1					Dark black to brown, sandy silty clay, very odourous, very moist, consolidated.	
3.2						
3.3						
3.4						
3.5						
3.6						
3.7						
3.8						
3.9						
4.0		0	14-3.9-4.0			
4.1						
4.2						
4.3						
4.4						
4.5						
4.6					Brown mottled white clayey sand, dry compacted then crumbles in your hand to loose powder.	
4.7						
4.8						
4.9						
5.0		0	14-4.9-5.0			
5.1						
					EOH @ 5.1m on clayey sand.	

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