



CH2M HILL

SOIL BORE LOG

Bore No. MW07D

Sheet 1 of 1

Project No:	110381	Easting (AMG)	317102.91	Equipment:	Solid Flight Auger
Project:	Macdonaldtown Triangle Offsite	Northing (AMG)	1247692.36	Contractor:	Macquarie Drilling
Site:	Former Gasworks Area	Elevation (mAHD):	19.59	Logged By:	VR
Date:	21-Sep-01	Water Level (mbtc):	2.80	Project Manager:	NR
Weather:	Overcast, warm	Final Depth (mbgl):	1.95	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				
1.0	Groundwater @ 2.80 m below top monument	MW07D	140150		Fill: CLAY, brown, plastic, soft, moist, organic matter.	Hydrocarbon Odour	Monument
2.0						PID = 0.0 ppm	
3.0							
4.0					CLAY, red, firm, plastic.	NVO	
5.0						PID = 0.0 ppm	
6.0						Water Sample: MW07D041001 taken 4/10/01 Slug Test	
7.0							
8.0							
9.0							
10.0					CLAY, weathered shale, red grey, low plasticity, firm.		
11.0					Bedrock, grey, plastic, pieces of shale, wet.		
12.0					End of Hole @ 12 m		

Weathered Zone 10.0 - 11.0 m

Fill

Blank

Bentonite

Sand

Screen

Notes

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



CH2M HILL

SOIL BORE LOG

Bore No. MW08D

Sheet 1 of 1

Project No:	110381	Easting (AMG)	317079.53	Equipment:	Solid Flight Auger
Project:	Macdonaldtown Triangle Offsite	Northing (AMG)	1247715.48	Contractor:	Macquarie Drilling
Site:	Former Gasworks Area	Elevation (mAHD):	19.54	Logged By:	VR
Date:	21-Sep-01	Water Level (mbtc):	1.15	Project Manager:	NR
Weather:	Hot, clear	Final Depth (mbgl):	0.30	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			
1.0	Groundwater @ 1.15 m below top of monument	MW08D	140150		Fill: Sandy CLAY, dark brown, coarse grain, low plasticity, soft, organic matter.	NVO Monument
2.0					CLAY, red, firm, plastic, dry.	PID = 0.0 ppm
3.0						
4.0						
5.0						
6.0						
7.0					CLAY, grey white, dry, friable, weathered shale.	
8.0						
9.0					CLAY, grey white, wet, weathered shale.	
10.0						
11.0					Bedrock, grey, plastic, pieces of shale, wet.	
12.0					End of Hole @ 12 m	

Notes

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CH2M HILL

SOIL BORE LOG

Bore No. MW09S

Sheet 1 of 1

Project No:	110381	Easting (AMG)	317093.92	Equipment:	Solid Flight Auger, Bunyip
Project:	Macdonaldtown Triangle Offsite	Northing (AMG)	1247701.36	Contractor:	Macquarie Drilling
Site:	Residences	Elevation (mAHD):	18.14	Logged By:	VR
Date:	19-Sep-01	Water Level (mbtc):	1.50	Project Manager:	NR
Weather:	Fine, warm	Final Depth (mbgl):	1.50	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				
1.0	Groundwater @ 1.50 m below top of casing	MW09S	130140		Fill: Sandy CLAY, loamy, dark brown, low plasticity, soft, coarse grain, friable, high organic matter.	NVO	Roadbox
						PID = 3.2 ppm (max)	0.5
							0.9
2.0					Sandy CLAY, red, soft, plastic, fine grain.	PID = 43 ppm (max)	
						PID = 37.0 ppm (max)	
3.0					End of Hole 2.9 m		
4.0							
5.0							
6.0							
7.0							
8.0							
9.0							
10.0							
11.0							
12.0							

Notes

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CH2M HILL

SOIL BORE LOG

Bore No. MW10S

Sheet 1 of 1

Project No:	110381	Easting (AMG)	317096.16	Equipment:	Solid Flight Auger, Bunyip
Project:	Macdonaldtown Triangle Offsite	Northing (AMG)	1247668.41	Contractor:	Macquarie Drilling
Site:	Residences	Elevation (mAHD):	16.745	Logged By:	NR
Date:	20-Sep-01	Water Level (mbtc):	1.06	Project Manager:	NR
Weather:	Fine, warm	Final Depth (mbgl):	1.06	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, rig collapse, etc.)
		Loc.	Depth			
1.0	Groundwater @ 1.0 m below top of casing	MW10S	0.2-1.1		Fill: Silty SAND, clayey, black brown, low plast, soft. Fill: Silty CLAY, brown, plastic. Silty CLAY, red, plastic, firm.	NVO PID = 0.0 ppm Roadbox 0.5 Benitonte 0.8 Sand Screen
2.0						
3.0					End of Hole 2.8 m	
4.0						
5.0						
6.0						
7.0						
8.0						
9.0						
10.0						
11.0						
12.0						

Notes

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mbtc:metres below top of casing

Project No: 110381 Easting (AMG) 317099.41 Equipment: Solid Flight Auger, Bunyip
 Project: Macdonaldtown Triangle Offsite Northing (AMG) 1247654.35 Contractor: Macquarie Drilling
 Site: Residences Elevation (mAHD): 16.45 Logged By: NR
 Date: 21-Sep-01 Water Level (mbtc): 1.20 Project Manager: NR
 Weather: Fine, warm Final Depth (mbgl): 1.20 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				
1.0	Groundwater @ 1.20 m below top of casing	A25BurrenSt	0.1-0.9		Fill: Silty SAND, black, low plast, soft, organic matter.	NVO	Roadbox
		MW11S	060080		Fill: Silty CLAY, black brown, mod plasticity, soft.	PID = 0.0 ppm	0.5
2.0					Silty CLAY, red grey, plastic, firm.		
3.0							
4.0					End of Hole 3 m		
5.0						A25BurrenSt taken northwest of MW11S, within 10m of the fenced boundary.	
6.0						Sample: MW11S051001 taken 5/10/01	
7.0							
8.0							
9.0							
10.0							
11.0							
12.0							

Notes

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CH2M HILL

SOIL BORE LOG

Bore No. MW12S

Sheet 1 of 1

Project No:	110381	Easting (AMG)	317108.66	Equipment:	Solid Flight Auger
Project:	Macdonaldtown Triangle Offsite	Northing (AMG)	1247661.84	Contractor:	Macquarie Drilling
Site:	Former Gasworks Area	Elevation (mAHD):	19.99	Logged By:	VR
Date:	24-Sep-01	Water Level (mbtc):	4.91	Project Manager:	NR
Weather:	Fine, warm	Final Depth (mbgl):	4.06	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			
1.0	Groundwater @ 4.91 m below top of monument	MW12S	0.05-0.3		Fill: Sandy CLAY, brown, low plasticity, soft, coarse grain, friable. CLAY, red, plastic, firm.	NVO PID = 0.0 ppm Monument 0.5 Bentonite Sand Screen
2.0						
3.0						
4.0						
5.0					End of Hole 5 m	
6.0						Water Sample: MW12S031001 taken 3/10/01 Slight odour
7.0						
8.0						
9.0						
10.0						
11.0						
12.0						

Notes

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CH2M HILL

SOIL BORE LOG

Bore No. MW12D

Sheet 1 of 1

Project No:	110381	Easting (AMG)	317108.48	Equipment:	Solid Flight Auger
Project:	Macdonaldtown Triangle Offsite	Northing (AMG)	1247659.80	Contractor:	Macquarie Drilling
Site:	Former Gasworks Area	Elevation (mAHD):	20.02	Logged By:	VR
Date:	24-Sep-01	Water Level (mbtc):	4.43	Project Manager:	NR
Weather:	Fine, warm	Final Depth (mbgl):	3.58	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			
1.0	Groundwater @ 4.43 m below top of monument	MW12D	140150		Fill: Sandy CLAY, brown, plastic, med firmness, fine grain.	NVO Monument
2.0					CLAY, red brown, firm, plastic.	PID = 40 ppm (max)
3.0						
4.0					CLAY, red, firm, plastic.	PID = 0.0 ppm
5.0						
6.0						
7.0						
8.0					CLAY, grey, firm, high plasticity, moist.	
9.0						
10.0					Bedrock, grey, firm, high plasticity, wet.	
11.0						
12.0					End of Hole @ 12.8 m	

Notes

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CH2M HILL

SOIL BORE LOG

Bore No. MW13S

Sheet 1 of 1

Project No:	110381	Easting (AMG)	317112.03	Equipment:	Solid Flight Auger
Project:	Macdonaldtown Triangle Offsite	Northing (AMG)	1247646.52	Contractor:	Macquarie Drilling
Site:	Former Gasworks Area	Elevation (mAHD):	19.5	Logged By:	VR
Date:	24-Sep-01	Water Level (mbtc):	4.43	Project Manager:	NR
Weather:	Fine, hot	Final Depth (mbgl):	3.58	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			
1.0	Groundwater @ 4.43 m below top of monument	MW13S	0.05-0.3		Fill: Sandy CLAY, brown, low plasticity, soft, coarse grain, organic matter, gravel (iron stone ballast, 1-2 cm, 5%). CLAY, red, plastic, firm.	NVO PID = 0.0 ppm Monument 0.5 Bentonite Sand Screen
2.0						
3.0						
4.0						
5.0					End of Hole 5 m	
6.0						Water Sample: MW13S031001 taken 3/10/01 Slug test
7.0						
8.0						
9.0						
10.0						
11.0						
12.0						

Notes

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mbtc:metres below top of casing