APPENDIX A

ENGINEERING BOREHOLE LOGS, EXPLANATION SHEETS, CORE PHOTOGRAPH, POINT LOAD TEST RESULT SHEET AND PIEZOMETERS CONSTRUCTION DETAILS



Pells Sullivan Meynink Pty Ltd

Engineering Consultants Rock-Soil-Water

Borehole No:

BH01

Sheet:

Job No:

1 of 2

Borehole Log

PSM1444 16/06/2010 16/06/2010

Client: Principal:

Project: Geotechnical Investigat
Site location: Burren St, Erskineville

Geotechnical Investigation For Macdonaldtown Gasworks Remediation Project

R.L. surface:

18.63 m Refer to Figure 1

Logged by: Checked by: Vertical datum:

Date commenced:

Date completed:

AHD

AS

Drilling contractor: Equipment type:

SOILCHECK Pty Ltd JK 300 Drill rig

Easting:

Horizontal datum:

Ľ	Equipment type:			JK 300 Drill I			Northing: Refer to Figure Northing: 1247725.92			Inclination / azimuth: -90 / 000		
Method	Samples	Water	R.L. (m)	Depth (m)	Graphic Log	USCS Symbol	Material SOIL TYPE; plasticity or particle characteristics, colour, secondary and minor components ROCK TYPE; weathering, colour, secondary and minor components	Moisture Condition	Estimated Strength	Structure and Additional Observations		
						SP	Gravelly SAND; coarse grained, dark brown to black, with fine gravel and some clay CLAY; medium to high plasticity, brown to black, with some sand	- м	D	Grass. Top soil		
			— 18.0 - - -	1.0 -			and fine gravel			- - - -		
	SPT N=4		- - - - - 17.0						S	SPT rod sinks when hammer placed on top, therefore test starts at 1.65m		
	14-4		- - - -	2.0 -			CLAY; medium to high plasticity, red brown					
Auger (TC-bit)			- - - - 16.0			СН				- - - - -		
	SPT N=14		- - -	3.0 -				w	ST	-		
10/10		-	- - - 15.0 -							- - - -		
Name: SOIL LOGS.GPJ Print Date: 18/10/10			- - - -	4.0 -			CLAY; high plasticity, light red mottled grey			Possible residual		
Name: SOIL LOGS	SPT N=19		- 14.0 						VST			

Pells Sullivan Meynink Pty Ltd

Engineering Consultants Rock-Soil-Water

ABN 15 061 447 621

Borehole No:

BH01

Sheet:

2 of 2

Borehole Log

Job No:

PSM1444

Client: Principal:

Incoll Management Pty Ltd

Project:

Geotechnical Investigation For Macdonaldtown Gasworks Remediation Project

Site location: Burren St, Erskineville Date commenced: Date completed: Logged by: Checked by:

16/06/2010 16/06/2010

Drilling contractor:

SOILCHECK Pty Ltd JK 300 Drill rig

R.L. surface: Easting: Northing:

18.63 m Refer to Figure 1 1247725.92

Vertical datum: Horizontal datum: Inclination / azimuth: -90 / 000

AHD

Equipment type:

0

Mothod	DOING	Samples	Water	R.L. (m)	Depth (m)	Graphic Log	USCS Symbol	Material SOIL TYPE; plasticity or particle characteristics, colour, secondary and minor components ROCK TYPE; weathering, colour, secondary and minor components	Moisture Condition	Estimated Strength	Structure and Additional Observations
				- - - - - - 13.0	-		СН			VST	- - - - -
Auger (TC-bit)	N=3	SPT 5/200n	ım	- - - - - - 12.0	6.0 —		y s	SHALE; extremely weathered, grey and light red	w	Н	
				-	7.0 — - - - -					R0	- - - - -
				- - 11.0 - - -	- - - - - - -		3	End of hole @ 8 m			-
10/10			-	- - - - - 10.0							
File Name: SOIL LOGS.GPJ Print Date: 18/10/10			-	-	9.0 —						
File Name: SOII				— 9.0 - - -	-						

Pells Sullivan Meynink Pty Ltd

Engineering Consultants Rock-Soil-Water

Borehole No:

BH02

Sheet:

Job No:

1 of 2

Borehole Log Client:

Incoll Management Pty Ltd

Principal:

Project: Geotechnical Investigation For Macdonaldtown Gasworks Remediation Project Site location: Burren St, Erskineville

Date commenced: Date completed:

17/06/2010 17/06/2010 AS

PSM1444

Logged by: Checked by:

SOILCHECK Pty Ltd JK 300 Drill rig **Drilling contractor:** Equipment type:

R.L. surface: Easting: Northing:

18.81 m Refer to Figure 1 1247727.5

Vertical datum: Horizontal datum: Inclination / azimuth: -90 / 000

AHD

ō

Samples	Water	R.L. (m)	Depth (m)	Graphic Log	USCS Symbol	Material SOIL TYPE; plasticity or particle characteristics, colour, secondary and minor components ROCK TYPE; weathering, colour, secondary and minor components	Moisture Condition	Estimated Strength	Structure and Additional Observations			
		- - - - - - - - -	SP	SP	Gravelly SAND; coarse grained, grey, with some fine gravel		D	Fill Tar contaminated -				
SPT		-	1.0 -		СН	CLAY; high plasticity, red brown with some fine grained sand Gravelly SAND; coarse grained, grey, with some fine gravel		F				
SPT N=5		- - 17.0 - - - -	- - 17.0 - - - -	- - 17.0 - - -	- 17.0	2.0 —		SP			L	- - - - -
SPT N=19		- - - 16.0 - -	3.0 —			CLAY; high plasticity, red brown mottled grey	М	ST	Possible residual			
	1 2/07/2010	- - - - - - 15.0	- - - - - 4.0 —		СН			VST				
SPT N=33		- - - - - - - - 14.0	-					н				
	SPT N=5	SPT N=2 SPT N=19 SPT	SPT N=5 - 15.0 -	SPT N=19 OLONIA SPT N=	SPT N=19 000000000000000000000000000000000000	SPT N=19 OLOZIZOR P - 15.0	SPT N=19 SPT N=19 O DEL DE TENNES SP	SPT N=19 OCLAY; high plasticity, red brown with some fine gravel CLAY; high plasticity, red brown motified grey CLAY; high plasticity, red brown motified grey	Gravelly SAND; coarse grained, grey, with some fine gravel SP			

Pells Sullivan Meynink Pty Ltd Engineering Consultants Rock-Soil-Water ABN 15 061 447 62

ABN 15 061 447 621

Borehole No:

BH02

Sheet:

2 of 2

Borehole Log

Job No:

PSM1444

Client: Principal:

Project: Geotechnical Investigation For Macdonaldtown Gasworks Remediation Project
Site location: Burren St, Erskineville

Date commenced: Date completed: Logged by: Checked by:

17/06/2010 17/06/2010

Drilling contractor: SOILCHECK Ptv Ltd

R.L. surface:

18.81 m

Vertical datum:

AHD

Equ	Drilling contractor: SOILCHEC Equipment type: JK 300 Drill					Drill	K Pty Ltd R.L. surface: 18.81 m I rig Easting: Refer to Figure Northing: 1247727.5				Vertical datum: AHD Horizontal datum: Inclination / azimuth: -90 / 000		
Method	Samples	Water	R.L. (m)	Depth (m)	Graphic Log	USCS Symbol	Material SOIL TYPE; plasticity or particle characteristics, colour, secondary and minor components ROCK TYPE; weathering, colour, secondary and minor components Taking the Councilian of Components We condition of Components We condition of Components Solid TYPE; weathering, colour, secondary and minor components		Estimated Strength	Structure and Additional Observations			
Auger (TC-bit)			- - - - - - - 13.0	-			SHALE; extremely weathered, light red and grey		М	S5/R0			
			- 12.0 - 12.0 - 11.0 11.0	6.0			Start coring @ 5.9 m						