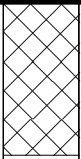
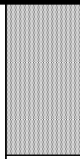



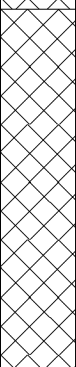

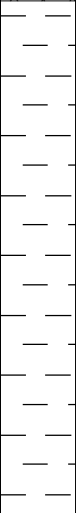




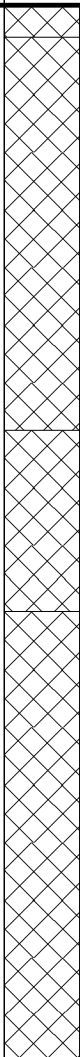
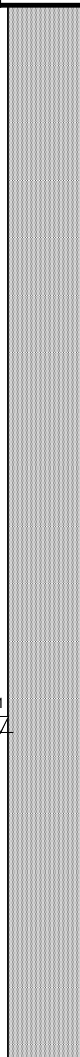

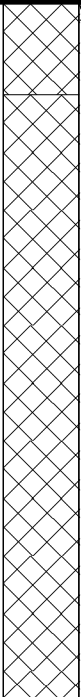
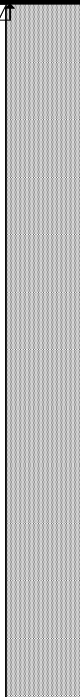



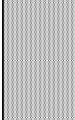






Logged PL Checked		Start 22/08/2008 End 22/08/2008	Equipment, Methods and Remarks CAT 428C Machine excavated trial pit GL - 0.50m. Pit moved 5.00m NW.		Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div>A B C</div><div>→ 305 (Deg)</div></div>		Ground Level +199.65 mOD Coordinates E 293921.63 National Grid N 206645.27 Chainage	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		* 0800 22/08/2008 dry	1 MADE GROUND: Brown clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite.			(0.50)		
			EXPLORATORY HOLE ENDS AT 0.50 m			0.50 +199.15		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m) 0.00 0.50 Pit terminated at 0.50m due to discovery of blue water pipe marker tape.□□			Stability Stable Shoring None Weather Raining		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. <div><div>(c) ESGL www.esgl.co.uk 408.24 30/09/2008 11:11:26</div><div></div></div>			Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd			Trial Pit TP1 Sheet 1 of 1		

Logged PL Checked		Start 22/08/2008 End 22/08/2008	Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL- 3.80m.		Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div><div>A</div><div>B</div><div>C</div></div><div>305 (Deg)</div></div>		Ground Level +199.51 mOD Coordinates E 293916.98 National Grid N 206649.83 Chainage	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		1000	1 MADE GROUND: Brown clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite.			0.10 +199.41		
0.30 0.30	ES 1 D 6		2 MADE GROUND: Dark brown very clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite with medium cobble content. Cobbles are subangular to subrounded of sandstone and quartzite. 3 boulders of 650 x 650m.			(0.80)		
0.50	B 11							
0.70 0.70	ES 2 D 7							
			3 MADE GROUND: Soft to firm black grey and brown sandy slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite. Cobbles are subangular to subrounded of sandstone, quartzite and brick.			0.90 +198.61		
1.50 1.50 1.50	B 12 ES 3 D 8					(1.20)		
			4 Soft to firm brown mottled orange and grey slightly sandy slightly gravelly silty CLAY with low cobble content. Cobbles are subangular to subrounded of sandstone and quartzite. Possible reworked natural material.			2.10 +197.41		
2.50 2.50 2.50	B 13 ES 4 D 9					(1.70)		
3.50 3.50 3.50	D 10 B 14 ES 5	22/08/2008 dry						
			EXPLORATORY HOLE ENDS AT 3.80 m			3.80 +195.71		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Raining		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. <div>Scale 1:25</div> <div>(c) ESGL www.esgl.co.uk 408.24 30/09/2008 11:11:33</div> <div></div>			Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd			Trial Pit TP1A Sheet 1 of 1		

Logged PL Checked		Start 22/08/2008 End 22/08/2008		Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL - 3.50m.		Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div>A</div><div>B</div><div>C</div><div>D</div><div>205 (Deg)</div></div>		Ground Level Coordinates National Grid Chainage		+199.44 mOD E 293949.01 N 206705.96	
Samples and Tests				Strata							
Depth	Type & No.	Date Records	Description				Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
		1200	1 MADE GROUND: Soft dark brown clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite.				0.10 +199.34				
0.30 0.30	ES 1 D 7		2 MADE GROUND: Brown clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite with low cobble content. Cobbles are subangular to subrounded of sandstone and quartzite.				(1.30)				
0.50	B 13										
0.70 0.70	ES 2 D 8										
1.30 1.30	ES 3 D 9						1.40 +198.04				
1.50	B 14		3 MADE GROUND: Dark grey silty sandy subangular to subrounded fine to coarse GRAVEL of sandstone, quartzite and brick with medium cobble content. Cobbles are subangular to subrounded of sandstone, quartzite and brick. Rare fragments of glass, metal and wall ties. Small pockets of clay. 1 boulder of quartzite (750 x 700mm).				(0.60)				
1.70 1.70	D 10 ES 4						2.00 +197.44				
2.50	B 15		4 MADE GROUND: Soft to firm black , brown and grey slightly sandy slightly gravelly clayey SILT with much decomposed plant material. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite with rare whole bricks.				(1.50)				
2.70 2.70	D 11 ES 5		2.70-2.80 m Strong hydrocarbon smell								
3.30 3.30	D 12 ES 6	22/08/2008 1400									
3.50	B 16		EXPLORATORY HOLE ENDS AT 3.50 m				3.50 +195.94				
Depth	Type & No.	Records Date									
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.40 Remained at 2.40 m after 20 minutes. Seepage			Depth Related Remarks * From to (m)				Stability Stable Shoring none Weather Raining				
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.			Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd				Trial Pit TP2 Sheet 1 of 1				
Scale 1:25			(c) ESGL www.esgl.co.uk 408.24 30/09/2008 11:11:40								

Logged PL Checked		Start 21/08/2008 End 21/08/2008	Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL - 2.30m. Trench was opened to 6.00m for observation of wall.		Dimensions and Orientation Width 0.60 m Length 6.00 m <div><div><div>A</div><div>B</div><div>C</div></div><div>D</div></div> 160 (Deg)		Ground Level Coordinates National Grid Chainage		+199.66 mOD E 293960.06 N 206769.19	
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
		0800	1 MADE GROUND: Soft brown sandy slightly gravelly silty CLAY. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite.			(0.30)				
0.20 0.20 0.20	ES 1 D 5 B 9		2 MADE GROUND: Orange brown and grey clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite with medium cobble content. Cobbles are subangular to subrounded of sandstone and quartzite. Rare steel bar 15mm x 15mm.			0.30 +199.36				
0.50 0.50 0.50	B 10 ES 2 D 6		Double brick cavity wall at 2.20m depth running at 220 degrees. Bricks are orange red and cement bonded.							
1.20 1.20 1.20	B 11 ES 3 D 7					(2.00)				
1.90 1.90 1.90	B 12 ES 4 D 8									
			2.20 m Brick wall							
			EXPLORATORY HOLE ENDS AT 2.30 m			2.30 +197.36				
Depth	Type & No.	Records Date								
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.00 Seepage from surface			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Raining				
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd			Trial Pit TP3 Sheet 1 of 1				

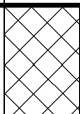

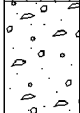

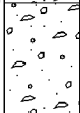

Logged PL Checked		Start 22/08/2008 End 22/08/2008	Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL - 3.50m.	Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div>A B C</div><div>D</div><div>230 (Deg)</div></div>		Ground Level +199.29 mOD Coordinates E 293876.50 National Grid N 206719.70 Chainage		
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		0800	1 MADE GROUND: Soft brown very clayey sandy subangular to subrounded fine to coarsre GRAVEL of sandstone and quartzite with low cobble content. Cobbles are subangular to subrounded of sandstone and quartzite.			(0.40)		
0.30 0.30 0.30	ES 1 B 11 D 6		2 MADE GROUND: Brown and grey clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone, quartzite and brick with low cobble content. Cobbles are subangular to subrounded of sandstone, quartzite and brick.			0.40 +198.89		
0.70 0.70	ES 2 D 7							
1.30 1.40 1.40	B 12 ES 3 D 8					(2.20)		
2.30 2.40 2.40	B 13 ES 4 D 9							
			3 MADE GROUND: Soft to firm grey and black slightly sandy slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite. Cobbles are subangular to subrounded of sandstone and quartzite. 3 boulders of quartzite 700mm x 700mm. Rare small pockets of black silty sand 100mm x 100mm. Possible re-worked natural material.			2.60 +196.69		
3.30 3.40 3.40	B 14 D 10 ES 5					(0.90)		
			EXPLORATORY HOLE ENDS AT 3.50 m			3.50 +195.79		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Raining		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviro parks Ltd			Trial Pit TP4 Sheet 1 of 1		



Soil Mechanics

Logged PL Checked		Start 22/08/2008 End 22/08/2008		Equipment, Methods and Remarks cat428c Machine excavated trial pit GL - 3.60m.		Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div>A B C</div><div>220 (Deg)</div></div>		Ground Level Coordinates National Grid Chainage		+199.27 mOD E 293841.16 N 206752.36			
Samples and Tests				Strata									
Depth		Type & No.		Date Records		Description		Depth, Level/ (Thickness)		Legend		Backfill/ Instruments	
0.30 0.30 0.30		ES 1 B 11 D 6		0800		1 MADE GROUND: Dark brown clayey subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite with low cobble content. Cobbles are subangular to subrounded of sandstone and quartzite.		(0.40)				MT	
0.60 0.60 0.60		B 12 ES 2 D 7				2 MADE GROUND: Orange brown clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite with low cobble content. Cobbles are subangular to subrounded of sandstone and quartzite.		0.40 +198.87 (0.30)					
1.20 1.20 1.20		B 13 ES 3 D 8				3 MADE GROUND: Grey clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite with low cobble content. Cobbles are subangular to subrounded of sandstone and quartzite. Rare gravel sized lumps of green glassy fused slag.		0.70 +198.57 (0.80)					
2.00 2.00 2.20		ES 4 D 9 B 14				4 MADE GROUND: Grey clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite with low cobble content. Cobbles are subangular to subrounded of sandstone and quartzite.		1.50 +197.77 (1.10)					
3.00 3.00 3.20		D 10 ES 5 B 15				5 MADE GROUND: Soft to firm grey brown and black slightly sandy slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone, brick and quartzite. Cobbles are subangular to subrounded of sandstone and quartzite. Rare fragments of cardboard and steel wire. <div>3.00 m 2 boulders of quartzite 700mm x 700mm</div>		2.60 +196.67 (1.00)					
						EXPLORATORY HOLE ENDS AT 3.60 m		3.60 +195.67					
Depth		Type & No.		Records Date									
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.00 Seepage from surface				Depth Related Remarks * From to (m)				Stability Stable Shoring None Weather Raining					
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESGL www.esgl.co.uk 408.24 30/09/2008 11:12:01 				Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd				Trial Pit TP5 Sheet 1 of 1					


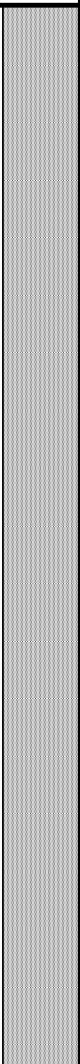
Soil Mechanics

Logged PL Checked		Start 21/08/2008 End 21/08/2008	Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL - 3.80m.	Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div>A</div><div>B</div><div>C</div><div>D</div><div>140 (Deg)</div></div>		Ground Level Coordinates National Grid Chainage +199.20 mOD E 293755.36 N 206802.22		
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		0800	1 MADE GROUND: Brown clayey sandy angular to subangular fine to coarse GRAVEL of sandstone and quartzite with low cobble content. Cobbles are angular to subangular of sandstone and quartzite.			(0.40)		
0.30 0.30 0.30	ES 1 B 13 D 7		2 MADE GROUND: Grey and dark grey very clayey sandy angular to subangular fine to coarse GRAVEL of sandstone, brick and quartzite with low cobble content. Cobbles are angular to subangular of sandstone and quartzite.			0.40 +198.80 (0.55)		
0.70 0.70 0.70	B 14 ES 2 D 8		3 Brown orange and grey clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite with medium cobble content. Cobbles are subangular to subrounded of sandstone and quartzite. Possible re-worked material.			0.95 +198.25 (0.75)		
1.20 1.20 1.20	B 15 ES 3 D 9		4 Grey clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite with low cobble content. Cobbles are subangular to subrounded of sandstone and quartzite. Possible re-worked material.			1.70 +197.50 (1.80)		
2.20 2.20 2.20	D 10 B 16 ES 4							
3.20 3.20 3.20	D 11 B 17 ES 5		5 Soft to firm grey mottled brown and orange slightly sandy slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite. Cobbles are subangular to subrounded of sandstone and quartzite.			3.50 +195.70 (0.30)		
3.70 3.70 3.70	D 12 B 18 ES 6		EXPLORATORY HOLE ENDS AT 3.80 m			3.80 +195.40		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.00 Seepage from surface			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Raining		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd			Trial Pit TP7 Sheet 1 of 1		



Soil Mechanics

Logged PL Checked		Start 21/08/2008 End 21/08/2008		Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL - 2.30m.		Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div>A B C</div><div>200 (Deg)</div></div>		Ground Level Coordinates National Grid Chainage		+199.43 mOD E 293863.26 N 206795.70	
Samples and Tests			Strata								
Depth	Type & No.	Date Records	Description					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
		0800	1 MADE GROUND: Soft brown slightly sandy slightly gravelly silty CLAY. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite.					0.10 +199.33			
0.30	ES 1		2 MADE GROUND: Grey clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite with medium cobble content. Cobbles are subangular to subrounded of sandstone and quartzite.								
0.30	B 11										
0.30	D 6										
0.60	ES 2		3 Orange brown very clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite with medium cobble content. Cobbles are subangular to subrounded of sandstone and quartzite. Possible re-worked material. Unable to progress below 2.30m. Possible bedrock.					0.70 +198.73			
0.60	D 7										
0.80	B 12										
0.80	ES 3										
0.80	D 8										
1.50	B 13										
1.50	ES 4										
1.50	D 9										
2.10	D 10										
2.10	B 14										
2.10	ES 5										
			EXPLORATORY HOLE ENDS AT 2.30 m					2.30 +197.13			

Logged PL Checked		Start 21/08/2008 End 21/08/2008	Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL - 3.50m.		Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div>A</div><div>B</div><div>C</div><div>D</div><div>178 (Deg)</div></div>		Ground Level Coordinates National Grid Chainage +199.93 mOD E 293971.87 N 206818.72	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20 0.20 0.20	ES 1 B 11 D 6	0800	1 MADE GROUND: Soft brown sandy slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite. Cobbles are subangular to subrounded of sandstone and quartzite.			(0.30) 0.30 +199.63		
0.70 0.70 0.70	B 12 ES 2 D 7		2 MADE GROUND: Grey and brown clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone, brick and quartzite with medium cobble content. Cobbles are subangular to subrounded of sandstone and quartzite.			(1.00)		
1.40 1.40 1.40	B 13 ES 3 D 8		3 MADE GROUND: Grey clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone, brick and quartzite with medium cobble content. Cobbles are subangular to subrounded of sandstone, brick and quartzite.			1.30 +198.63 (1.60)		
2.40 2.40 2.40	B 14 ES 4 D 9							
3.40 3.40 3.40	D 10 B 15 ES 5		4 Soft grey slightly sandy slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite. Cobbles are subangular to subrounded of sandstone and quartzite.			2.90 +197.03 (0.60)		
			EXPLORATORY HOLE ENDS AT 3.50 m			3.50 +196.43		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Raining		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.			Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd			Trial Pit TP9 Sheet 1 of 1		
Scale 1:25								



Soil Mechanics

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Soil Mechanics


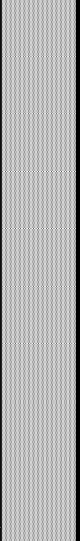
Logged PL Checked		Start 20/08/2008 End 20/08/2008		Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL - 3.50m.		Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div>A B C</div><div>D</div><div>238 (Deg)</div></div>			Ground Level Coordinates National Grid Chainage			+199.98 mOD E 293809.63 N 206940.04					
Samples and Tests						Strata											
Depth		Type & No.		Date Records		Description						Depth, Level/ (Thickness)		Legend		Backfill/ Instruments	
0.30 0.30 0.30		ES 1 B 10 D 6		0800		1 MADE GROUND: Soft dark brown sandy slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone, brick and quartzite. Cobbles are subangular to subrounded of sandstone, brick and quartzite. Rare whole bricks.						(0.40) 0.40 +199.58					
0.60		ES 2				2 MADE GROUND: Black silty fine SAND.						(0.30) 0.70 +199.28					
1.20 1.30 1.30		B 11 ES 3 D 7				3 MADE GROUND: Soft grey brown and blue slightly organic silty CLAY.						(0.70) 1.40 +198.58				1	
2.20 2.30 2.30		B 12 ES 4 D 8				4 MADE GROUND: Stiff brown orange and grey slightly sandy slightly gravelly silty CLAY with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite. Cobbles are subangular to subrounded of sandstone and quartzite. Rare fragments of glass, asbestos cement and metal.						(2.10) 3.50 +196.48					
3.20 3.30 3.30		B 13 ES 5 D 9															
						EXPLORATORY HOLE ENDS AT 3.50 m						3.50 +196.48					
Depth		Type & No.		Records Date													
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.40 Seepage						Depth Related Remarks * From to (m)						Stability Stable Shoring None Weather Raining					
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESGL www.esgl.co.uk 408.24 30/09/2008 11:12:45 						Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd						Trial Pit TP11 Sheet 1 of 1					



Soil Mechanics

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


Logged PL Checked		Start 18/08/2008 End 18/08/2008	Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL - 1.75m.		Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div><div>A</div><div>B</div><div>C</div></div><div>265 (Deg)</div></div>		Ground Level Coordinates National Grid Chainage		+199.90 mOD E 293875.53 N 206902.89	
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
		0800	1 Brown slightly clayey sandy angular fine to coarse GRAVEL of sandstone and quartzite with high cobble content. Cobbles are angular of sandstone and quartzite. Possible weathered bedrock.			(1.75)				
0.30	ES 1									
0.30	D 4									
0.30	B 7									
0.70	ES 2									
0.70	D 5									
0.70	B 8									
1.30	ES 3									
1.30	D 6									
1.30	B 9									
			EXPLORATORY HOLE ENDS AT 1.75 m			1.75 +198.15				
Depth	Type & No.	Records Date								
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.70 Seepage			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Heavy rain				
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESGL www.esgl.co.uk 408.24 30/09/2008 11:12:59			Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd			Trial Pit TP12 Sheet 1 of 1				

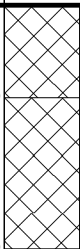
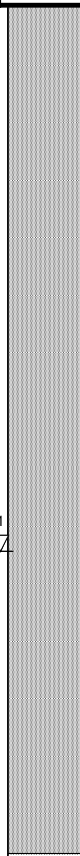
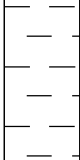
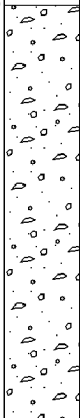
Logged PL Checked		Start 20/08/2008 End 20/08/2008	Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL - 1.80m. Pit was 1.40m from north boudary fence.		Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div>A B C</div><div>105 (Deg)</div></div>		Ground Level +200.56 mOD Coordinates E 293874.48 National Grid N 206934.10 Chainage	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20 0.20 0.20	ES 1 D 4 B 7	0800	1 MADE GROUND: Soft dark brown sandy slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone, brick and quartzite. Cobbles are subangular to subrounded of sandstone and quartzite.			(0.30) 0.30 +200.26		
0.60 0.60 0.60	ES 2 D 5 B 8		2 Stiff orange brown and grey slightly sandy slightly gravelly silty CLAY with high cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite. Cobbles are subangular to subrounded of sandstone and quartzite. Unable to progress beyond 1.80m. Possible weathered bedrock.			(1.50)		
1.50 1.50 1.50	ES 3 D 6 B 9							
			EXPLORATORY HOLE ENDS AT 1.80 m			1.80 +198.76		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.80 Seepage			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Raining		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd			Trial Pit TP12A Sheet 1 of 1		

PRELIMINARY



Soil Mechanics

Logged PL Checked		Start 19/08/2008 End 19/08/2008	Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL - 2.30m.		Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div>A B C</div><div>B → 310 (Deg)</div></div>		Ground Level Coordinates National Grid Chainage		+200.39 mOD E 293900.08 N 206910.71	
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		0800	1 MADE GROUND: Soft black sandy slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone, brick and quartzite. Cobbles are subangular to subrounded of sandstone, brick and quartzite.					(0.35)		
0.30 0.30 0.30	ES 1 D 5 B 9		2 Stiff orange brown and grey slightly sandy slightly gravelly silty CLAY with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite. Cobbles are subangular to subrounded of sandstone and quartzite. Possible weathered bedrock.					0.35 +200.04		
0.70 0.70 0.70	B 10 ES 2 D 6									
1.30 1.30 1.30	B 11 ES 3 D 7							(1.95)		
2.30 2.30 2.30	B 12 ES 4 D 8		EXPLORATORY HOLE ENDS AT 2.30 m					2.30 +198.09		
Depth	Type & No.	Records Date								
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.80 Strong inflow			Depth Related Remarks * From to (m)					Stability Stable Shoring None Weather Raining		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.			Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd					Trial Pit TP14 Sheet 1 of 1		
Scale 1:25 (c) ESGL www.esgl.co.uk 408.24 30/09/2008 11:13:13										

Logged PL Checked		Start 18/08/2008 End 18/08/2008	Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL - 2.80m.	Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div><div>A</div><div>B</div><div>C</div></div><div>D</div><div>➔ 270 (Deg)</div></div>		Ground Level Coordinates National Grid Chainage	+201.10 mOD E 293926.53 N 206915.37		
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
		0800	1 MADE GROUND: Soft brown sandy slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite Cobbles are subangular to subrounded of sandstone and quartzite			(0.30)			
0.30	ES 1		2 MADE GROUND: Black and grey silty sandy angular to subangular fine to coarse GRAVEL of sandstone, brick and mudstone with medium cobble content. Cobbles are subangular to subrounded of sandstone and quartzite.			0.30 +200.80			
0.30	D 5					(0.50)			
0.30	B 9								
0.70	B 10		3 Firm to stiff brown orange and grey slightly sandy slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite. Cobbles are subangular to subrounded of sandstone and quartzite. Possible re-worked material.			0.80 +200.30			
0.70	ES 2					(0.60)			
0.70	D 6								
1.30	B 11		4 Brown silty very sandy angular to subangular fine to coarse GRAVEL of sandstone and quartzite with low cobble content. Cobbles are subangular to subrounded of sandstone and quartzite. Possible re-worked material.			1.40 +199.70			
1.30	ES 3					(1.40)			
1.30	D 7								
2.30	B 12		EXPLORATORY HOLE ENDS AT 2.80 m			2.80 +198.30			
2.30	ES 4								
2.30	D 8								
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.80 Seepage			Depth Related Remarks * From to (m)			Stability Collapsing below 1.40m.	Shoring None	Weather Raining	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESGL www.esgl.co.uk 408.24 30/09/2008 11:13:20			Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd			Trial Pit TP15 Sheet 1 of 1			

Trial Pit Log

PRELIMINARY



Soil Mechanics

Logged PL Checked		Start 19/08/2008 End 19/08/2008	Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL - 3.20m.	Dimensions and Orientation Width 0.60 m Length 2.50 m <div><div>A B C</div><div>292 (Deg)</div></div>		Ground Level +201.48 mOD Coordinates E 293960.69 National Grid N 206892.10 Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.30 0.30 0.30	ES 1 D 4 B 7	0800	1 MADE GROUND: Brown and grey clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone, brick and quartzite with high cobble content. Cobbles are subangular to subrounded of sandstone, brick and quartzite.	(0.40)		1	
			2 MADE GROUND: Dark grey and green fused slag recovered as angular fine to coarse gravel.	0.40 +201.08 0.50 +200.98			
			3 MADE GROUND: Brown and grey clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and quartzite with medium cobble content. Cobbles are subangular to subrounded of sandstone and quartzite.	(0.30) 0.80 +200.68			
1.00 1.00 1.00	ES 2 D 5 B 8		4 Stiff brown orange and grey slightly sandy slightly gravelly silty CLAY with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite. Cobbles are subangular to subrounded of sandstone and quartzite. Possible re-worked material.	(2.40)			
2.30 2.30 2.30	ES 3 D 6 B 9						
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20 +198.28			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.30 Strong inflow			Depth Related Remarks * From to (m)		Stability Collapsing below 2.00m. Shoring None Weather Raining		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESGL www.esgl.co.uk 408.24 30/09/2008 11:13:27			Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd		Trial Pit TP16 Sheet 1 of 1		

Logged PL Checked		Start 19/08/2008 End 19/08/2008	Equipment, Methods and Remarks CAT428C Machine excavated trial pit GL - 3.50m.		Dimensions and Orientation Width 0.80 m Length 7.00 m <div><div><div>A</div><div>B</div><div>C</div></div><div>100 (Deg)</div></div>		Ground Level +203.44 mOD Coordinates E 293965.94 National Grid N 206926.16 Chainage	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		0800	1 MADE GROUND: Firm brown slightly sandy slightly gravelly silty CLAY with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone, brick and quartzite. Cobbles are subangular to subrounded of sandstone, brick and quartzite.			(0.90)		
0.30 0.30 0.30	ES 1 B 13 D 7							
0.70 0.70 0.70	B 14 ES 2 D 8							
1.20 1.20 1.20	B 15 ES 3 D 9		2 MADE GROUND: Firm to stiff orange grey and brown slightly sandy slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and quartzite. Cobbles are subangular to subrounded of sandstone and quartzite. 3 boulders of quartzite 400mm x 400mm.			0.90 +202.54		
1.50 1.50 1.50	D 10 B 16 ES 4		1.35m: Black cast iron pipe approximately 15 inch diameter with a small steel pipe directly below it. An electric cable alongside with a small plastic water pipe alongside the cable. All are at 48 degrees. Black cast iron pipe was encased in grey black silty clay.			(2.60)		
2.50 2.50 2.50	D 11 B 17 ES 5							
3.50 3.50 3.50	D 12 B 18 ES 6		EXPLORATORY HOLE ENDS AT 3.50 m			3.50 +199.94		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.30 Strong inflow			Depth Related Remarks * From to (m)			Stability Collapsing below 2.00m Shoring None Weather Raining		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.			Project Hirwaun Industrial Estate Project No. H8076 Carried out for Enviroparks Ltd			Trial Pit TP17 Sheet 1 of 1		
Scale 1:25 (c) ESGL www.esgl.co.uk 408.24 30/09/2008 11:13:34								