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				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270746.73 - 195805.26 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy				Dimensions (m):		Scale 1:25		Logged AEM	
Client: St Modwen				Depth 3.40					

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
				0.10			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0
	0.50	ES					MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	2
				1.20			MADE GROUND. Grey sandy gravelly CLAY. Coarse gravel of brick and concrete		
	1.50	ES						2	2
				2.50					
		ES							
				2.70			Former topsoil	1	1
				3.00			Soft brown sandy CLAY	0	0
				3.40			End of pit at 3.40 m		

Remarks: Pit terminated due to collapse during removal of brick and concrete structure (1.2 - 2m)

Stability:
 GroundWater
 Remarks: No groundwater



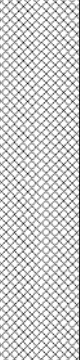
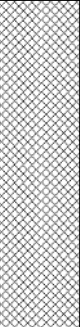
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Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270749.95 - 195825.48 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy				Dimensions (m): E m		Scale 1:25			
Client: St Modwen				Depth 4.00		Logged AEM			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
				0.10			MADE GROUND. Brown sandy GRAVEL of sandstone	0	0
	0.50	ES					MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	3	3
				0.90			MADE GROUND. Brown gravelly sandy CLAY. Coarse gravel of sandstone		1
	1.50	ES						1	1
				2.80			MADE GROUND. Grey sandy gravelly CLAY. Coarse gravel of sandstone (Reworked natural) Frequent pockets of HC impacted clay		3
3.00	ES						4	4	
			4.00			End of pit at 4.00 m			4
									5
Remarks: Pit terminated due to odours									
Stability:									
GroundWater: No groundwater									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270750.01 - 195845.43 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.30		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.10			MADE GROUND. Woodchip	0	0
				0.20			MADE GROUND. Black sandy CLAY with woodchip	2	2
				0.30			MADE GROUND. Brown sandy GRAVEL of sandstone	1	1
							MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker, ash and mudstones	3	3
	1.50	ES		1.20			MADE GROUND. Stiff brown sandy gravelly CLAY. Coarse gravel of frequent angular sandstone (Reworked natural)	2	3
				2.30			Brown and grey sandy gravelly CLAY. Coarse gravel of sandstone	1	3
	3.50	ES							
				4.30			End of pit at 4.30 m		
	Remarks: Pit terminated at 4.3m								
Stability: GroundWater: No groundwater Remarks:									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270750.02 - 195885.47 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.70		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.30			MADE GROUND. Brown sandy GRAVEL of sandstone	1	1
				0.90			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	1
	1.50	ES		0.90			MADE GROUND. Stained grey, brown clayey gravelly SAND. Coarse gravel of sandstone. Moderate HC odours (Reworked natural)	3	3
				3.40			Grey sandy gravelly CLAY. Coarse gravel of sandstone. Sweet HC odours		
	3.00	ES		4.50				2	3
4.50	ES		4.70			End of pit at 4.70 m			
Remarks: Pit terminated at 4.7m									
Stability: GroundWater No groundwater									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270749.99 - 195905.44 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.30		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
				0.30		[Pattern]	MADE GROUND. Brown sandy GRAVEL of sandstone	1	1
	0.50	ES					MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	1
				1.00		[Pattern]	MADE GROUND. Brown stained grey gravelly clayey SAND. Frequent gravel of angular sandstone cobbles. Pockets of bitumen		1
	1.50	ES						5	3
	2.50	ES		3.00		[Pattern]	Brown occasionally grey sandy gravelly CLAY		3
3.50	ES						1	1	
			4.30			End of pit at 4.30 m			4
									5
Remarks: Pit terminated at 4.3m									
Stability:									
GroundWater: Water ingress at 0.5m									

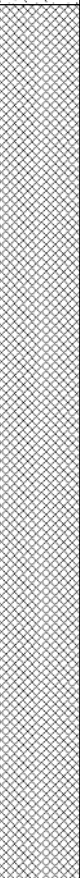
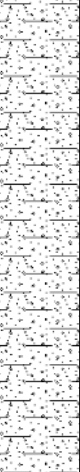
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Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270753.60 - 195925.74 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.30		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.20			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0
				0.60			MADE GROUND. Brown sandy GRAVEL of frequent concrete crush, brick and wood	1	1
	1.50	ES		2.30			MADE GROUND. Brown occasionally grey clayey gravelly SAND. Coarse gravel of sandstone (Reworked natural)	1	1
				2.50			Soft brown gravelly CLAY. Medium to coarse gravel of sandstone and quartz	0	0
	3.50	ES		4.30			End of pit at 4.30 m		
Remarks: Pit terminated due to collapse at 2.5m									
Stability: GroundWater Ingress of water at 0.8m Remarks:									

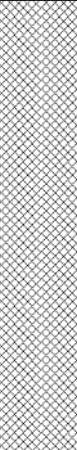
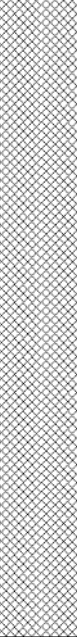
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Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270766.92 - 195823.28 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.00		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Offactory Criteria
	Depth	Type	Results						
	0.50	ES		1.20			MADE GROUND. Soft black gravelly CLAY. Coarse gravel of sandstone, brick and woodchip	4	3
	1.50	ES					MADE GROUND. Stiff brown sandy gravelly CLAY. Coarse gravel of frequent angular sandstone (Reworked natural)	1	1
	2.50	ES		1.60			MADE GROUND. Brown stained grey gravelly clayey SAND. Frequent gravel of angular sandstone cobbles. (Reworked natural)	2	3
				2.70			Recovered as weathered sandstone GRAVEL	1	0
				3.00		End of pit at 3.00 m			
Remarks: Pit terminated due to difficult dig									
Stability: GroundWater Remarks: No groundwater									

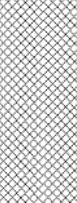
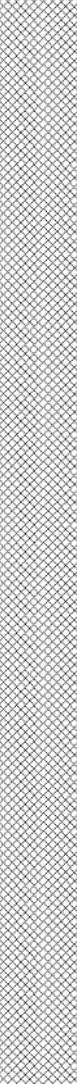
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Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270761.15 - 195865.44 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy				Dimensions (m):		Scale 1:25		Logged AEM	
Client: St Modwen				Depth 4.50					

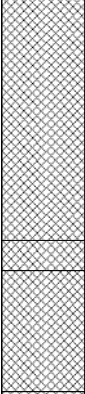
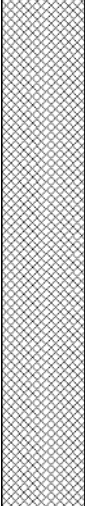
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.10			MADE GROUND. Woodchip	0	0
				0.40			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	1
	1.50	ES		2.80		MADE GROUND. Brown stained grey gravelly sandy CLAY. Coarse gravel of sandstone	3	3	
	2.50	ES				Brown stained grey sandy gravelly CLAY. Coarse gravel of sandstone. Light end HC odours	5	3	
3.50	ES		4.50						
					End of pit at 4.50 m				

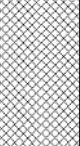
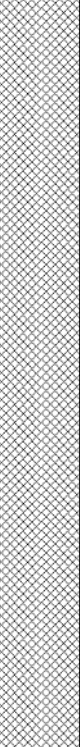
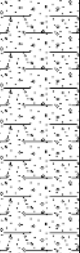
Remarks: Pit terminated at 4.5m								
Stability:								
GroundWater Product ingress at 4.0m								

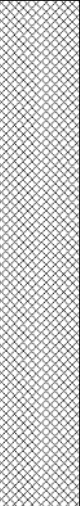
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Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270759.98 - 195955.46 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 5.00		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.30			MADE GROUND. Brown sandy GRAVEL of sandstone	0	0
				0.50			MADE GROUND. Concrete GRAVEL	0	0
	1.50	ES				MADE GROUND. Stained grey gravelly CLAY. Coarse gravel of concrete crush	1	1	
	3.00	ES		3.40		Grey gravelly clayey SAND. Coarse gravel of angular sandstone	2	1	
4.50	ES								
				5.00		End of pit at 5.00 m			5
Remarks: Pit terminated at 5.0m									
Stability: GroundWater No groundwater									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270760.01 - 195985.46 Level: mAOS		Sheet 1 of 1 Date 28/04/2015	
Location: Coed Darcy						Dimensions (m): m Depth 4.20 E 		Scale 1:25 Logged AEM	
Client: St Modwen									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
				0.30			MADE GROUND. Brown sandy GRAVEL of rounded sandstone. Underlain by Visquine	1	1
	0.50	ES					MADE GROUND. Bands of black and brown gravelly ashey sands. Gravel of slag, clinker and ash	2	1
	1.50	ES		1.80			MADE GROUND. Brown sandy gravelly CLAY with frequent fibrous materia including wood and fibreglass. Pockets of lube oil and wax	5	1
				2.00			MADE GROUND. Bands of black and brown gravelly ashey sands. Gravel of slag, clinker and ash		
	2.50	ES						2	1
				4.20		End of pit at 4.20 m			
Remarks: Pit terminated due to collapse at 3.5m									
Stability: GroundWater No groundwater Remarks:									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270757.91 - 196004.97 Level: mAOS		Date 27/04/2015	
Location: Coed Darcy				Dimensions (m):		Scale 1:25			
Client: St Modwen				Depth 4.30		Logged AEM			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	1.00	ES		0.70			MADE GROUND. Black and grey GRAVEL of ballast	2	2
	3.00	ES		4.30			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	2
							End of pit at 4.30 m		
Remarks: Pit terminated due to collapse									
Stability: GroundWater: No groundwater									

				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270771.36 - 195845.92 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.00		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.80 0.90			MADE GROUND. Soft black gravelly CLAY. Coarse gravel of sandstone, brick and woodchip	4	4
							MADE GROUND. Brown sandy GRAVEL of sandstone	1	1
							MADE GROUND. Dark brown sandy gravelly CLAY. Coarse gravel of sandstone (Reworked natural)	2	3
	1.50	ES		1.30			MADE GROUND. Grey sandy GRAVEL. Coarse gravel of sandstone. Increase of gravel and cobbles with depth	2	3
2.50	ES		3.00			End of pit at 3.00 m			
Remarks: Pit terminated due to difficult dig									
Stability: GroundWater Remarks: No groundwater									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270770.01 - 195885.47 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.20		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.50			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	1
	1.50	ES					MADE GROUND. Brown occasionally grey clayey gravelly SAND. Coarse gravel of sandstone.		
	2.50	ES						1	2
	3.00			3.00			Former topsoil	1	1
	3.50	ES		3.10			Grey brown gravelly clayey SAND.Coarse gravel of sandstone		
				4.00			Recovered as weathered sandstone GRAVEL	0	0
				4.20		End of pit at 4.20 m			
Remarks: Pit terminated due to difficult dig									
Stability: GroundWater No groundwater Remarks:									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270770.01 - 195905.44 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.50		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
				0.30			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker, ash and mudstones	2	2
	0.50	ES					MADE GROUND. Stiff brown sandy gravelly CLAY. Coarse gravel of frequent angular sandstone and concrete. Occasional concrete boulder	1	2
	1.50	ES							
	2.00								
	2.50	ES					Brown occasionally grey very gravelly clayey SAND. Coarse gravel of sandstone		
	3.50	ES						0	0
	4.10						Recovered as weathered sandstone GRAVEL	0	0
	4.40 4.50						Sandstone bedrock	0	0
End of pit at 4.50 m									
Remarks: Pit terminated on apparent bedrock									
Stability: GroundWater No groundwater Remarks:									



Trial Pit Log

Trialpit No
T E
Sheet 1 of 1

Project Name: Coed Darcy - Railhead

Project No. 5122307_Railhead

Co-ords: 270769.95 - 195925.47
Level: mAOS

Date 29/04/2015

Location: Coed Darcy

Client: St Modwen

Dimensions (m):

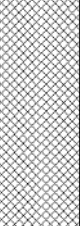
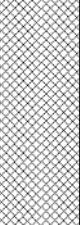
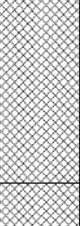
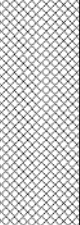
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Depth 3.30

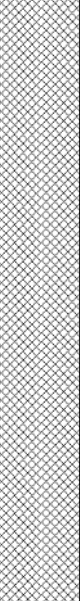
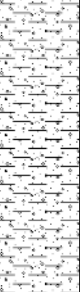
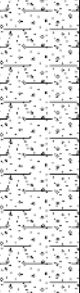
Scale 1:25
Logged AEM

Remarks: Pit terminated due to difficult dig. Clay pipe traversing pit at 0.4m towards brick chamber on western face of pit

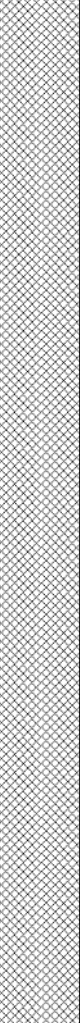
Stability:
GroundWater
Remarks:

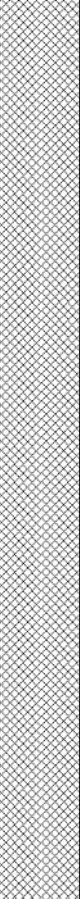
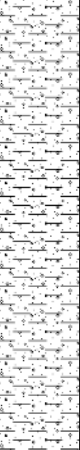
				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270770.00 - 195965.46 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.20		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
				0.20			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker, ash and mudstones	2	1
	0.50	ES					MADE GROUND. Loose brown sandy GRAVEL of cobbles and boulders of angluar sandstone		
	1.50	ES						1	1
	2.50	ES		2.30			MADE GROUND. Brown stained grey sandy gravelly CLAY. Coarse gravel of sandstone	3	2
	3.50	ES		3.40			Grey gravelly clayey SAND. Coarse gravel of angular sandstone	2	2
				4.20		End of pit at 4.20 m			
Remarks: Pit terminated at 4.2m. Metal pipe on east face running N-S at 1.2m									
Stability: GroundWater Slight water at 2.2m Remarks:									



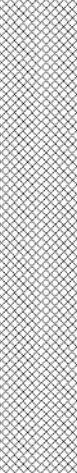
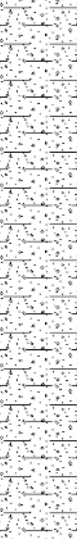
				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270770.00 - 195965.46 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.20		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
				0.20			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0
	0.50	ES					MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker, ash and mudstones	2	2
	1.50	ES							
	2.50	ES		2.20			Orange brown mottled grey sandy gravelly CLAY	2	2
	3.50	ES		3.20			Grey sandy gravelly CLAY. Coarse gravel of sandstone.	3	2
				4.20		End of pit at 4.20 m			
Remarks: Pit terminated at 4.2m.									
Stability: GroundWater Remarks: Water ingress at 3.3m									



				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270770.04 - 196005.43 Level: mAOS		Date 27/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.80		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES					MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	2
	2.00	ES							
	3.50	ES		3.40					
				3.80			End of pit at 3.80 m		
Remarks: Pit terminated due to pit collapsing at 3.5m									
Stability: GroundWater No groundwater									
									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270770.03 - 196025.44 Level: mAOS		Sheet 1 of 1 Date 27/04/2015	
Location: Coed Darcy						Dimensions (m): m Depth 4.10 E 		Scale 1:25 Logged AEM	
Client: St Modwen									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		3.00			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	2
	2.00	ES							
	3.50	ES					4.50		
							End of pit at 4.10 m		
Remarks: Pit terminated due to pit collapsing at 3.5m. Pipe running N-S at 0.4m									
Stability: GroundWater No groundwater Remarks:									



				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270778.25 - 195865.72 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.00		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.30			MADE GROUND. Soft black gravelly CLAY. Coarse gravel of sandstone, brick and woodchip	3	3
				0.50			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker, ash and mudstones	2	2
	1.50	ES				MADE GROUND. Brown stained grey sandy gravelly CLAY. Coarse gravel of sandstone	1	1	
									2.10
	2.20		Former topsoil	1		1			
2.50	ES			Brown occasionally grey clayey gravelly SAND. Coarse gravel of sandstone increasing with depth	1	2			
3.50	ES			4.00		End of pit at 4.00 m			
Remarks: Pit terminated due to difficult dig. Pipe encountered at 2.0m									
Stability: GroundWater No groundwater									

				Trial Pit Log				Trialpit No T E		
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270786.12 - 195905.36 Level: mAOS		Sheet 1 of 1 Date 29/04/2015		
Location: Coed Darcy						Dimensions (m): m		Scale 1:25		
Client: St Modwen						Depth 3.00		Logged AEM		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria	
	Depth	Type	Results							
	0.50	ES		0.20			MADE GROUND. Woodchip	1	1	
				0.30			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	1	
							MADE GROUND. Brown occasionally grey clayey gravelly SAND. Coarse gravel of sandstone (reworked natural)			
	1.50	ES								
										
										
	2.50	ES								
										
										
			2.70		Recovered as weathered sandstone GRAVEL	0	0			
			2.90		Sandstone bedrock	0	0			
			3.00		End of pit at 3.00 m					
Remarks: Pit terminated on apparent bedrock										
Stability: GroundWater No groundwater Remarks:										

Trial Pit Log

Trialpit No
T E
Sheet 1 of 1

Project Name: Coed Darcy - Railhead
Project No. 5122307_Railhead
Co-ords: 270790.01 - 195925.45
Level: mAOS

Location: Coed Darcy
Client: St Modwen

Dimensions (m):

m

Depth 4.20

Date 29/04/2015
Scale 1:25
Logged AEM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria	
	Depth	Type	Results							
▼	0.50	ES		0.50			MADE GROUND. Black clay with woodchip	2	2	
	1.50	ES		2.10			MADE GROUND. Stiff brown occasionally grey sandy gravelly CLAY. Coarse gravel of sandstone (Reworked natural)	2	2	1
	2.50	ES		2.70			Soft brown CLAY	0	0	2
	3.50	ES		4.20			Heavily stained black slightly clayey gravelly SAND. Coarse gravel of frequent cobbles of sandstone	4	3	3
	End of pit at 4.20 m									4
5										

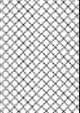
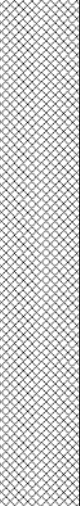
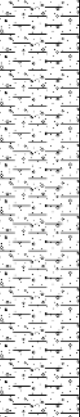
Remarks: Pit terminated due to collapse at 2.5m

Stability:
GroundWater
Remarks: Rapid ingress of water at 2.5m

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270790.01 - 195945.44 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy				Dimensions (m):		Scale 1:25		Logged AEM	
Client: St Modwen				Depth 3.60					

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.10			MADE GROUND. Woodchip	1	1
				0.20			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	2
	1.50	ES		1.80			MADE GROUND. Brown clayey gravelly SAND. Coarse gravel of angular sandstone	2	2
	2.50	ES		3.30			Recovered as weathered sandstone GRAVEL	1	0
							3.50	Sandstone bedrock	0
		3.60	End of pit at 3.60 m						

Remarks: Pit terminated on apparent bedrock								
Stability: GroundWater No groundwater								
Remarks:								

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270790.01 - 195965.52 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.60		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.40			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0
	1.50	ES		2.10			MADE GROUND. Stained grey, brown clayey gravelly SAND. Coarse gravel of sandstone. Frequent cobbles of sandstone in south east corner of pit with product	5	3
	2.50	ES		3.50			Stiff brown sandy gravelly CLAY	1	0
				3.60			Sandstone bedrock	1	0
	End of pit at 3.60 m								
Remarks: Pit terminated on apparent bedrock									
Stability: GroundWater No groundwater									
									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270790.10 - 195985.36 Level: mAOS		Date 29/04/2015	
Location: Coed Darcy						Dimensions (m):		Scale 1:25	
Client: St Modwen						Depth 4.20		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.10			MADE GROUND. Woodchip	0	0
				0.60			MADE GROUND. Stiff Light brown sandy gravelly CLAY. Coarse gravel of sandstone and concrete	1	0
	1.50	ES		1.80			MADE GROUND. Black and grey banded clayey gravelly SAND. Coarse gravel of sandstone	3	2
				2.50			Light grey clayey gravelly SAND. Coarse gravel of sandstone	2	2
	3.50	ES		4.10					
				4.20		End of pit at 4.20 m			
Remarks: Pit terminated on apparent bedrock									
Stability: GroundWater No groundwater									



T E

Sheet 1 of 1

Project Name: Coed Darcy - Railhead

Project No.
5122307_Railhead

Co-ords:	270789.94 - 196005.44
Level:	mAOS

Date
9/04/2015

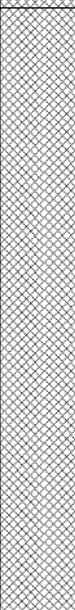
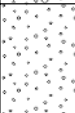
Location: Coed Darcy

Dimensions (m):		m
Depth	3	
3.50		

Scale
1:25

Logged
AEM

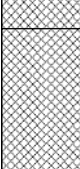
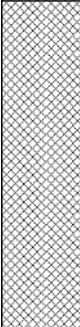
Client: St Modwen

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria	
	Depth	Type	Results							
▼	0.50	ES		0.20			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0	
							MADE GROUND. Brown stained light grey clayey gravelly SAND. Frequent angular cobbles of sandstone	2	2	
		ES		1.50		2.20		Grey sandy gravels of sandstone	3	2
								Recovered as weathered sandstone GRAVEL	1	1
		ES		2.50		3.00		Sandstone bedrock	0	0
							End of pit at 3.50 m			
		3.40 3.50								

Remarks:	Pit terminated on apparent bedrock
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Stability:
GroundWater
Remarks: Light ingress of water at 3.2m



				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270790.00 - 196025.49 Level: mAOS		Date 27/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.40		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.10			MADE GROUND. Brown sandy GRAVEL of rounded sandstone. Underlain by Visquine	0	0
				0.60			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	2
	1.50	ES		1.70			MADE GROUND. Orange mottled grey (1,1) sandy gravelly CLAY. Coarse gravel of sandstone (Reworked natural)	1	1
				2.50			ES		
				3.20			Recovered as weathered sandstone GRAVEL		
				3.40			End of pit at 3.40 m		
Remarks: Pit terminated on apparent bedrock									
Stability: GroundWater Remarks: Water ingress at 1.4m									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270789.90 - 196045.43 Level: mAOS		Sheet 1 of 1 Date 27/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.30		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		1.10			MADE GROUND. Brown black occasional fibrous ashey sandy GRAVEL of slag, clinker and bitumen	5	2
	1.50	ES					MADE GROUND. Grey (3,3) gravelly clay SAND. Coarse gravel of sandstone. Heavy end HC odours noted	3	3
	2.50	ES		2.20			Brown occasionally stained grey (2,2) gravelly slightly clayey SAND. Coarse gravel of sanstone	2	2
	3.50	ES					End of pit at 4.30 m		
				4.30					

Remarks: Pit terminated due to pit collapsing at 3.0m

 Stability:
 GroundWater Water ingress at 1.2m
 Remarks:



Trial Pit Log



Logged SP Checked AP	Start 10/11/2014 End 10/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes Records	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Soft dark brown sandy gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone with low cobble content. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	(1.40)		
1.50	ES 2		2 (MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL of mixed lithologies including clinker and sandstone with low cobble content. Sand is fine to coarse of ash. Cobbles are subrounded of sandstone. Strong chemical odour. (VO = 2,5)	1.40		
2.50	ES 3			(3.10)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
Depth	Type	Notes Remarks				
Groundwater Entries No Structural Disturbance Behaviour 1 4.00 Seepage, heavy flow with black oily sheen.			Depth Related Remarks From to m		Stability Stable Shoring None Weather	
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. (c) ESG www.esg.co.uk 426.4815/01/2015 15:33:04 AGS			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	

Logged SP Checked AP		Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated due to water ingress.	Dimensions and Orientation Width 1.60 m Length 4.00 m A B → C	Ground Level Coordinates Stational ID Chainage
Samples and Tests			Strata		
Depth	Type	Notes	Description	Depth / Level Thickness	Legend
0.50	ES 1		1 Grey mottled brown moderately stained black sandy gravelly SILT. Gravel is angular to well rounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 4,2)	(0.50) 0.50	
			EXPLORATORY HOLE ENDS AT 0.50 m		
Depth	Type	Records			
Groundwater Entries Structure Soil Behaviour			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cold	
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) ESG www.esg.co.uk 426.4829/10/2015 13:55:58 			Project Coedarcy Sitewide Trial Pitting Project O Stodwen Developments Limited Carried out for	Trial Pit I Sheet 1 of 1	

Trial Pit Log



Logged SP Checked AP	Start 10/11/2014 End 10/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C	Ground Level Coordinates National Grid Chainage	- - - -	
Samples and Tests			Strata			
Depth	Type	Notes Records	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Soft dark brown sandy gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone with low cobble content. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	(1.40)		
1.50	ES 2		2 (MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL of mixed lithologies including clinker and sandstone with low cobble content. Sand is fine to coarse of ash. Cobbles are subrounded of sandstone. Strong chemical odour. (VO = 2,5)	1.40		
2.50	ES 3			(3.10)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
Depth	Type	Notes ate				
Groundwater Entries Structure 1 4.00 Seepage, heavy flow with black oily sheen.			Depth Related Remarks From to m	Stability Stable Shoring None Weather		
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. (c) ESG www.esg.co.uk 426.4815/01/2015 15:33:04			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

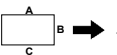
Logged SP Checked AP		Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated due to water ingress.	Dimensions and Orientation Width 1.60 m Length 4.00 m A B C →		Ground Level Coordinates Stational Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth / Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Grey mottled brown moderately stained black sandy gravelly SILT. Gravel is angular to well rounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 4,2)	(0.50)		
			EXPLORATORY HOLE ENDS AT 0.50 m	0.50		
Depth	Type	Notes				
Groundwater Entries Structure / Strata Behaviour			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cold		
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 Co-ordinator: Site-wide Trial Pitting Project Officer: Stoddon Developments Limited Carried out for: Stoddon Developments Limited	Trial Pit 1 Sheet 1 of 1		



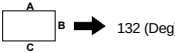
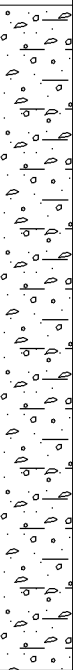
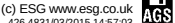
Logged JAF Checked AP		Start 23/07/2014 End 23/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.30m Terminated due to collapse	Dimensions and Orientation Width 1.55 m Length 4.00 m A B C		Ground Level Coordinates Stational Chainage		
Samples and Tests			Strata					
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill		Instruments
0.50	ES 1		1 (MADE GROUND) Greyish brown silty subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 1,1)	(0.90)				
1.50	ES 2		2 (MADE GROUND) Blackish brown clayey subangular to subrounded, fine to coarse GRAVEL of sandstone, coal waste and ash. (VO = 3,3)	0.90				
2.50	ES 3			(2.40)				
			EXPLORATORY HOLE ENDS AT 3.30 m	3.30				
Depth	Type	Notes						
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Unstable Shoring None Weather Dry		
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. (c) ESG www.esg.co.uk 426.4806/05/2015 12:39:10 AGS			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited			Trial Pit Sheet 1 of 1		

Scale 1:25

Trial it Log

Logged AW Checked AP		Start 11/02/2015 End 11/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.2m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level Coordinates Stational Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
			1 Orangish brown occasionally stained black gravelly slightly sandy SILT with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine. Cobbles are subangular to subrounded occasionally tabular of sandstone. Moderate roots and rootlets. (VO = 2,1) EXPLORATORY HOLE ENDS AT 0.20 m	0.20			
Depth	Type	Notes					
Groundwater Entries Structure, Soil Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 0.20 No Samples Obtained			Stability Stable Shoring None Weather Cloudy	
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) ESG www.esg.co.uk 426.4802/03/2015 16:44:14 			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited			Trial Pit Sheet 1 of 1	

Logged JH Checked AP		Start 24/02/2015 End 24/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.4m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C 179 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 Firm light brownish orange slightly sandy slightly gravelly SILT. Gravel is fine to coarse subangular to subrounded of sandstone. Sand is fine to coarse. (VO = 1,0)	(0.80)			
1.50	ES 2		2 Light brown slightly sandy clayey, fine to coarse subangular to subrounded GRAVEL of sandstone. Sand is fine to coarse. Occasional cobbles of subangular to subrounded sandstone. (VO = 0,0)	0.80			
2.50	ES 3			(3.60)			
3.50	ES 4						
			EXPLORATORY HOLE ENDS AT 4.40 m	4.40			
Depth	Type	Notes					
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Dry,windy		
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. (c) ESG www.esg.co.uk 426.4831/03/2015 14:56:59			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Logged JH Checked AP		Start 24/02/2015 End 24/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.1m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m 		Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata					
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments		
0.50	ES 1		1 Dark grey slightly clayey slightly gravelly, fine to coarse SAND. Gravel is fine to coarse, subangular to subrounded of sandstone. Rare cobbles subangular to subrounded of sandstone. (VO = 2,0)	(0.90)				
1.50	ES 2		2 Firm light brownish orange slightly sandy slightly gravelly CLAY. Gravel is fine to coarse, subangular to subrounded of sandstone. Sand is fine to coarse. Rare subangular to subrounded cobbles of sandstone. (VO = 0,0)	0.90 (1.00)				
2.50	ES 3		3 Brownish grey slightly sandy slightly clayey, fine to coarse subangular to subrounded GRAVEL of sandstone. Sand is fine to coarse. Occasional cobbles of subangular to subrounded sandstone. (VO = 0,0)	1.90 (2.20)				
3.50	ES 4							
			EXPLORATORY HOLE ENDS AT 4.10 m	4.10				
Depth	Type	Remarks						
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Stable Shoring None Weather Dry, windy		
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 Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited			Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP	Start 11/02/2015 End 11/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.1m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 2.00 m 	Ground Level Coordinates Stational Chainage	- - - -	
Samples and Tests			Strata			
Depth	Type	Notes Records	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Soft yellowish brown mottled grey and orange slightly sandy slightly gravelly CLAY with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Rare rootlets. (VO = 3,2)	(1.00)		
1.50	ES 2		2 Soft grey sandy slightly gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 3,1)	1.00 (1.10)		
			EXPLORATORY HOLE ENDS AT 2.10 m	2.10		
			2.10 m Bedrock			
Depth	Type	Notes Records				
Groundwater Entries Soil Structure Soil Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy	
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. (c) ESG www.esg.co.uk 426.4802/03/2015 16:44:23			Project Co-ordination Project Co-ordination Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial it Log

Logged AW Checked AP		Start 28/11/2014 End 28/11/2014		Equipment Methods and Remarks Komatsu PC210 Terminated at GL on concrete base.		Dimensions and Orientation Width - Length - A B C ➔		Ground Level Coordinates Station ID Chainage		
Samples and Tests			Strata							
Depth	Type	Notes	Description					Depth / Level Thickness	Legend	Backfill Instruments
			EXPLORATORY HOLE ENDS AT 0.00 m							
Depth	Type	Notes								
Groundwater Entries Structure / Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m					Stability Stable Shoring None Weather Sunny		
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) ESG www.esg.co.uk 426.4813/01/2015 15:11:30 			Project Coedarcy Sitewide Trial Pitting Project O Carried out for Stodwen Developments Limited					Trial Pit 1 Sheet 1 of 1		

Logged NK Checked AP		Start 11/02/2015 End 11/02/2015		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.3m Terminated on bedrock.		Dimensions and Orientation Width 1.00 m Length 2.00 m A B C		Ground Level Coordinates Stational Chainage		
Samples and Tests				Strata						
Depth		Type	Notes	Description				Depth Level Thickness	Legend	Backfill Instruments
0.50		ES 1		1 Light brown silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Occasional gravel sized pockets of soft grey and orange silt. (VO = 0,0)				(1.30)		
				EXPLORATORY HOLE ENDS AT 1.30 m				1.30		
Depth		Type	Notes							
Groundwater Entries Structure Soil Structure Behaviour None observed (see Key Sheet)				Depth Related Remarks From to m				Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4802/03/2015 16:44:27 				Project Coedarcy Site-wide Trial Pitting Project Carried out for Stodwen Developments Limited				Trial Pit Sheet 1 of 1		

Logged AW Checked	Start 28/11/2014 End 28/11/2014	Equipment Methods and Remarks Komatsu PC210 Terminated at GL on bedrock.	Dimensions and Orientation Width - Length - A B C	Ground Level Coordinates Stational Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes Records	Description	Depth Level Thickness	Legend	Borefill Instruments
			EXPLORATORY HOLE ENDS AT 0.00 m			
Depth	Type	Records				
Groundwater Entries Soil Structure Soil Striation Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Sunny		
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. (c) ESG www.esg.co.uk 426.4813/01/2015 15:11:37 AGS			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 28/11/2014 End 28/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.4m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
		*	1 (MADE GROUND) Dark brown occasionally stained black sandy subangular, fine to coarse GRAVEL of sandstone and occasional brick and concrete with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 2,1) EXPLORATORY HOLE ENDS AT 0.40 m	(0.40) 0.40			
Depth	Type	Notes					
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained.		Stability Stable Shoring None Weather Sunny		
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) ESG www.esg.co.uk 426.4813/01/2015 15:11:46 AGS			Project Coedarcy Sitewide Trial Pitting Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Trial Pit Log

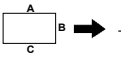


Logged AW Checked AP	Start 11/11/2014 End 11/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.0m Terminated due to concrete base and flooding from surface water.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C ➔	Ground Level Coordinates National Grid Chainage	- - - -
Samples and Tests			Strata		
Depth	Type	Notes	Description	Depth Level/Thickness	Legend
0.50	ES 1		1 (MADE GROUND) Soft grey mottled orange moderately stained black slightly gravelly andy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Sand is fine to medium. (VO = 3,3) 0.50 m 100mm diameter metal pipe removed.	(1.00)	
			EXPLORATORY HOLE ENDS AT 1.00 m	1.00	
			Concrete base.		
Depth	Type	Records			
Groundwater Entries Soil Structure Soil Striae Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather 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			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1	



Trial Pit Log



Logged AW Checked AP	Start 12/11/2014 End 12/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated due to bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level Coordinates National Grid Chainage
Samples and Tests			Strata	
Depth	Type	Notes	Description	Depth Level/Thickness Legend Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Soft to firm grey mottled orange occasionally stained black slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick. Sand is fine to coarse. (VO = 1,1) 0.00-0.50 m Roots and rootlets.	(2.40)
2.00	ES 2			
			EXPLORATORY HOLE ENDS AT 2.40 m	2.40
			2.40 m Bedrock.	
Depth	Type	Records		
Groundwater Entries Structure Soil Striae Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather 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			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1



Logged AW Checked AP		Start 12/11/2014 End 12/11/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.5m Terminated due to bedrock and flooding from surface water.		Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level Coordinates Stational Grid Chainage	
Samples and Tests				Strata				Ground Level	
Depth		Type		Remarks		Description		Depth Level / Thickness	
1.00		ES 1		1 (MADE GROUND) Firm grey mottled orange moderately stained black slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick. Sand is fine to coarse. (VO = 2,2)		0.00-0.50 m Frequent roots and rootlets.		(1.50)	
				EXPLORATORY HOLE ENDS AT 1.50 m		1.50 m Bedrock		1.50	
Depth		Type		Remarks					
Groundwater Entries Structure Construction Behaviour None observed (see Key Sheet)				Depth Related Remarks From to m				Stability Stable	
								Shoring None	
								Weather 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.				Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited				Trial Pit 1 Sheet 1 of 1	
Scale 1:25 (c) ESG www.esg.co.uk 426.4809/01/2015 09:05:39									

Trial Pit Log



Logged AW Checked AP		Start 12/11/2014 End 12/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C →		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
1.00	ES 1		1 Soft to firm grey mottled orange occasionally stained black slightly gravelly sandy CLAY. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,1)	(1.80)			
2.00	ES 2		2 Greyish brown occasionally stained black gravelly slightly clayey, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 1,1)	1.80 (0.40)			
			2.20 m Bedrock	2.20			
			EXPLORATORY HOLE ENDS AT 2.20 m				
Depth	Type	Records					
Groundwater Entries Soil Structure Soil Striae Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4809/01/2015 09:19:34 AGS			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 13/11/2014 End 13/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.1m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - - -
Samples and Tests			Strata				
Depth	Type	Notes Records	Description		Depth Level / Thickness	Legend	Backfill Instruments
1.00	ES 1		1 Soft to firm grey mottled orange occasionally stained black slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 2,1)		0.00-0.50 m Occasional roots and rootlets	(2.10)	
2.00	ES 2		EXPLORATORY HOLE ENDS AT 2.10 m		2.10 m Bedrock	2.10	
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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.			Project Co-Ordination Site-wide Trial Pitting Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		



Trial Pit Log



Logged AW Checked AP	Start 28/10/2014 End 28/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.5m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker. Sand is fine to coarse of ash. (VO = 1,1)	0.30		
1.50	ES 2		2 Yellowish grey occasionally stained black gravelly silty, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 2,2)	(2.20)		
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m 2.50 m Sandstone bedrock.	2.50		
Depth	Type	Notes				
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Sunny		
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. (c) ESG www.esg.co.uk 426.4802/02/2015 16:09:11			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP	Start 28/10/2014 End 28/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.1m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level Coordinates National Grid Chainage	- - - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Greyish brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone, brick and occasional clinker with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and brick. (VO = 3,2)	(0.70)		
1.50	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker. Sand is fine to coarse of ash. Occasional boulder sized pockets of firm yellowish orange sandy clay. Visible free product. (VO = 5,4)	(0.80)		
2.50	ES 3		3 Soft to firm yellowish grey frequently stained black sandy CLAY. Sand is fine to coarse. (VO = 4,4)	(1.20)		
3.50	ES 4		4 Yellowish grey sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 4,3)	(1.40)		
			EXPLORATORY HOLE ENDS AT 4.10 m 4.10 m Sandstone bedrock.	4.10		
Depth	Type	Records				
Groundwater Entries Structure 1 1.50 Seepage of free product.			Depth Related Remarks From to m	Stability Stable Shoring None Weather Sunny		
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. (c) ESG www.esg.co.uk 426.4902/02/2015 16:09:14			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



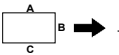
Logged AW Checked AP	Start 28/10/2014 End 28/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.1m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage
Samples and Tests		Strata		
Depth	Type	Date Records	Description	Depth Level Thickness Legend Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Orangish brown moderately stained black gravelly silty, fine to coarse SAND occasionally of ash with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick, concrete and occasional clinker. (VO = 2,1)	(0.50)
			2 (MADE GROUND) CONCRETE.	0.50
			3 Soft yellowish orange silty CLAY. (VO = 0,0)	0.70
1.50	ES 2			(1.00)
			4 Orangish brown slightly gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 1,1)	1.70
2.50	ES 3			(1.40)
			EXPLORATORY HOLE ENDS AT 3.10 m	3.10
			3.10 m Grey weathered bedrock.	
Depth	Type	Date Records		
Groundwater Entries Soil Structure Soil Strain Behaviour None observed (see Key Sheet)		Depth Related Remarks From to m		Stability Shoring None Weather Sunny
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 Co-Ord. Arcy Sitewide Trial Pitting Project Co-Ord. Arcy Sitewide Trial Pitting Carried out for St. Odwen Developments Limited		Trial Pit Sheet 1 of 1



Trial it Log

Logged NK Checked AP		Start 11/02/2015 End 11/02/2015		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.8m Terminated at due to pipe.		Dimensions and Orientation Width 1.00 m Length 3.00 m A B C ➔		Ground Level Coordinates National Grid Chainage		- - -	
Samples and Tests				Strata							
Depth		Type	Date Records	Description				Depth Level Thickness		Legend	Bore fill Instruments
1.00		ES 1		1 (MADE GROUND) Grey sandy subangular fine to coarse GRAVEL of sandstone with high cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)				0.40			
				2 (MADE GROUND) Black gravelly medium to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, ash and clinker. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)				(1.30)			
2.00		ES 2		3 (MADE GROUND) Soft grey mottled black slightly sandy gravelly CLAY with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Cobbles are subangular to subrounded of sandstone. (VO = 4,3)				1.70 (1.10) 2.00 m Pipe (unable to remove).			
				EXPLORATORY HOLE ENDS AT 2.80 m				2.80			
Depth		Type	Date Records								
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)				Depth Related Remarks From to m				Stability Stable Shoring None Weather Cloudy			
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) ESG www.esg.co.uk 426.4802/03/2015 16:44:29 				Project Coedarcy Sitewide Trial Pitting Project Code Carried out for Stodwen Developments Limited				Trial Pit I Sheet 1 of 1			

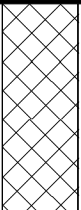
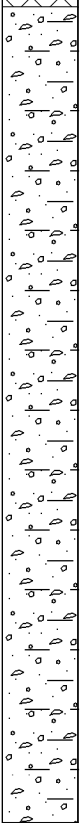
Trial it Log

Logged NK Checked AP		Start 11/02/2015 End 11/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 2.00 m 		Ground Level Coordinates National Grid Chainage
Samples and Tests			Strata			
Depth	Type	Date Records	Description	Depth Level / Thickness	Legend	Bac fill Instruments
1.00	ES 1		1 (MADE GROUND) Brown slightly silty gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Cobbles are subangular to subrounded of sandstone. (VO = 1,0)	0.30		
2.00	ES 2		2 (MADE GROUND) Firm grey mottled black sandy gravelly CLAY with medium cobble content. Sand is fine to coarse of ash. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Cobbles are subangular to subrounded of sandstone. (VO = 3,3)	1.90		
			EXPLORATORY HOLE ENDS AT 2.20 m	2.20		
Depth	Type	Date Records				
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4802/03/2015 16:44:33			Project Coedarcy Site-wide Trial Pitting Project Code Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 11/02/2015 End 11/02/2015	Equipment Methods and Remarks Komatsu PC210 Terminated due to water inflow.	Dimensions and Orientation Width 1.00 m Length 2.00 m A B C		Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata					
Depth	Type	Notes	Description			Depth Level Thickness	Legend	Backfill Instruments
			EXPLORATORY HOLE ENDS AT 0.00 m					
Depth	Type	Records						
Groundwater Entries Soil Structure Soil Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Stable Shoring None Weather Cloudy		
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. (c) ESG www.esg.co.uk 426.4802/03/2015 16:44:37 AGS			Project Coedarcy Sitewide Trial Pitting Project So Carried out for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1		

Logged JH Checked AP	Start 24/02/2015 End 24/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated due to collapse.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C ➔ 099 (Deg)		Ground Level Coordinates Stational Grid Chainage
Samples and Tests			Strata		
Depth	Type	Date	Description	Depth Level Thickness	Legend
0.50	ES 1		1 (MADE GROUND) Dark grey slightly sandy clayey, fine to coarse subangular to subrounded GRAVEL of sandstone and brick. Sand is fine to coarse. Occasional cobbles of sandstone and brick. (VO = 0,0)	(0.70)	
1.50	ES 2		2 Black sandy slightly clayey fine to coarse, subangular to subrounded GRAVEL of clinker. Sand is fine to coarse of ash. (VO = 0,0)	0.70	
2.50	ES 3			(2.70)	
			EXPLORATORY HOLE ENDS AT 3.40 m	3.40	
Depth	Type	Date			
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Collapse Shoring None Weather 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.			Project Co-ordinator Site-wide Trial Pitting Conducted by Stoddens Developments Limited	Trial Pit I Sheet 1 of 1	



Logged JH Checked AP		Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C 045 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Date	Description	Depth Level Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Dark brown slightly sandy slightly clayey, fine to coarse subangular to subrounded GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	(1.30)			
1.50	ES 2		2 (MADE GROUND) Black slightly sandy, fine to coarse subangular to subrounded GRAVEL of clinker. Sand is fine to coarse of ash. (VO = 0,0)	1.30			
2.50	ES 3			(1.90)			
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20			
Depth	Type	Date	Remarks				
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather 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			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		



Logged JH Checked AP		Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated due to collapse of Face C.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C 073 (Deg)		Ground Level Coordinates National Grid Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth / Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Black slightly sandy clayey, fine to coarse subangular to subrounded GRAVEL of sandstone and brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and brick. (VO = 0,0)	0.50		
1.50	ES 2		2 (MADE GROUND) Black slightly sandy, fine to coarse subangular to subrounded GRAVEL of sandstone and clinker with low cobble content. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)			
2.50	ES 3			(3.50)		
3.40	ES 4					
			EXPLORATORY HOLE ENDS AT 4.00 m	4.00		
Depth	Type	Records				
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Collapse Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4831/03/2015 14:57:19			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP	Start 28/10/2014 End 28/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - - -	
Samples and Tests		Strata				
Depth	Type	Notes Date	Description	Depth Level Thickness	Legend Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Dark brown sandy silty subangular to subrounded, fine to coarse GRAVEL of sandstone, brick, concrete and occasional clinker with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and brick. (VO = 1,1)	(0.50)		
			2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of sandstone and clinker. Sand is fine to coarse of ash. Occasional metal wire. (VO = 1,1)	(1.00)		
2.00	ES 2		3 Soft yellowish orange sandy CLAY. Sand is fine to coarse. (VO = 0,0)	(0.70)		
			4 Firm brownish grey frequently stained black slightly gravelly sandy CLAY. Gravel is subangular, fine to coarse of sandstone. Sand is fine to coarse. (VO = 4,4)	(1.20)		
3.00	ES 3					
			EXPLORATORY HOLE ENDS AT 3.40 m	3.40 m Grey weathered bedrock.		
Depth	Type	Notes Date				
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny	
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. (c) ESG www.esg.co.uk 426.4802/02/2015 16:09:24			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP		Start 30/10/2014 End 30/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1m Terminated on concrete.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage	- - - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Dark grey frequently stained black gravelly clayey, fine to coarse SAND with medium cobble content and low boulder content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular of sandstone. Boulders are subangular tabular of sandstone. (VO = 3,3)	(1.10)			
			EXPLORATORY HOLE ENDS AT 1.10 m Concrete base.	1.10			
Depth	Type	Notes					
Groundwater Entries Structure / Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4908/01/2015 16:06:26			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Trial it Log

Logged AW Checked AP		Start 30/10/2014 End 30/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1m Terminated on concrete.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level Coordinates Stational ID Chainage
Samples and Tests			Strata			
Depth	Type	Date	Description	Level / Thickness	Legend	Batter Instruments
0.50	ES 1		1 (MADE GROUND) Dark greyish brown moderately stained black gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 2,2)	(1.10)		
			EXPLORATORY HOLE ENDS AT 1.10 m	1.10 Concrete.		
Depth	Type	Date				
Groundwater Entries Structure / Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy	
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) ESG www.esg.co.uk 426.4808/01/2015 16.06.28 			Project Coedarcy Sitewide Trial Pitting Project Code Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial Pit Log

Logged AW Checked AP	Start 31/10/2014 End 31/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Terminated due to collapse.	Dimensions and Orientation Width 1.50 m Length 3.00 m	Ground Level - Coordinates - Stational - Chainage -		
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Greyish dark brown frequently stained black gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 3,3)	(0.60)		
			2 (MADE GROUND) Grey slightly sandy subangular, fine to medium pea GRAVEL of sandstone. Sand is fine to coarse. (VO = 2,2)	0.60 (0.30)		
1.50	ES 2		3 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. (VO = 1,1)	0.90 (1.30)		
2.50	ES 3		4 Firm yellowish orange sandy CLAY. Sand is fine to coarse. (VO = 0,0)	2.20 (1.40)		
4.00	ES 4		5 Orangish brown gravelly clayey, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,1)	3.60 (0.90)		
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
Depth	Type	Notes				
Groundwater Entries o Structural Strain Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Unstable Shoring None Weather Cloudy		
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 Coedarcy Sitewide Trial Pitting Project o Carried out for Stodwen Developments Limited	Trial Pit I Sheet 1 of 1		

Trial it Log



Logged AW Checked AP	Start 28/10/2014 End 28/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates Stational Chainage		
Samples and Tests		Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Bac fill Instruments
0.20	ES 1		1 (MADE GROUND) Brown slightly gravelly slightly sandy SILT. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Sand is fine to coarse. Frequent wood fragments. (VO = 0,0)	(0.40)		
1.50	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker, occasional brick and sandstone. Sand is fine to coarse of ash. (VO = 1,1)	(2.10)		
3.00	ES 3		3 Firm to stiff yellowish orange sandy CLAY. Sand is fine to coarse. (VO = 1,0)	(1.00)		
4.00	ES 4		4 Orangish brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular tabular of sandstone. (VO = 1,1)	(1.50)		
EXPLORATORY HOLE ENDS AT 5.00 m						
Groundwater Entries Soil Structure None observed (see Key Sheet)		Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny		
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 Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		



Trial Pit Log

Logged AW Checked AP		Start 28/10/2014 End 28/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.8m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m	Ground Level - Coordinates - Stational - Chainage -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish brown gravelly slightly sandy SILT with medium cobble content. Gravel is subangular, fine to coarse of sandstone, concrete and brick. Sand is fine to coarse. Cobbles are subangular of sandstone and brick. (VO = 0,0)	0.00-1.00 m		
			2 (MADE GROUND) Red and orange BRICK and CONCRETE structure.	Face B: concrete structure.		
			3 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker, occasional sandstone and brick. Sand is fine to coarse of ash. (VO = 1,1)			
2.00	ES 2			(1.80)		
3.00	ES 3		4 Soft to firm light grey mottled orange moderately stained black sandy CLAY. Sand is fine. (VO = 3,3)	2.30		
				(1.40)		
4.00	ES 4		5 Greyish brown gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subangular, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,1)	3.70		
				(1.10)		
			EXPLORATORY HOLE ENDS AT 4.80 m	4.80		
Depth	Type	Notes				
Groundwater Entries o Structural Striae Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy	
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 Coedarcy Sitewide Trial Pitting Project o Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial Log



Logged AW Checked AP		Start 28/10/2014 End 28/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.7m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level Coordinates Stational Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish brown gravelly sandy SILT with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Sand is fine to coarse. Cobbles are subangular of brick. (VO = 3,2)	0.30		
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional chalk, sandstone and brick. Sand is fine to coarse of ash. (VO = 1,1)	(2.30)		
3.00	ES 3		3 Soft to firm grey mottled orange moderately stained black sandy CLAY. Sand is fine. (VO = 3,2)	2.60		
4.00	ES 4		4 Greyish brown gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subangular, fine to coarse of sandstone. Cobbles are subangular occasionally tabular of sandstone. (VO = 1,1)	3.80		
			EXPLORATORY HOLE ENDS AT 4.70 m	4.70		
Depth	Type	Notes				
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy	
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. (c) ESG www.esg.co.uk 426.4802/02/2015 16:09:49			Project Co-ordination Project Co-ordinator Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

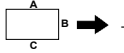
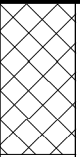
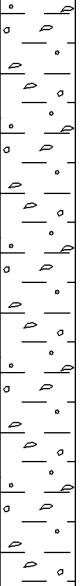
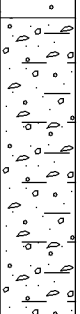
Logged AW Checked AP	Start 28/10/2014 End 28/10/2014	Equipment methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.2m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C →	Ground Level Coordinates Stational Chainage		
Samples and Tests			Strata			
Depth	Type	Remarks	Description	Depth Level/Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Black MACADAM.	0.10		
			2 (MADE GROUND) Yellowish brown gravelly sandy SILT with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, concrete and brick. Sand is fine to coarse. Cobbles are subangular of brick. (VO = 0,0)	(0.30) 0.40 0.50		
			3 (MADE GROUND) Red and orange BRICK structure.			
			4 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker, occasional brick and sandstone. Sand is fine to coarse of ash. (VO = 1,1)	(1.30)		
2.00	ES 2		5 Soft yellowish orange slightly sandy CLAY. Sand is fine. (VO = 0,0)	1.80 (1.10)		
3.00	ES 3		6 Soft to firm orangish brown gravelly sandy CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	2.90 (1.30)		
4.00	ES 4					
			EXPLORATORY HOLE ENDS AT 4.20 m 4.20 m Grey weathered bedrock.	4.20		
Depth	Type	Remarks				
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy	
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 Coedarcy Sitewide Trial Pitting Project Officer Stodwen Developments Limited Carried out for		Trial Pit Sheet 1 of 1	
(c) ESG www.esg.co.uk 426.4802/02/2015 16:09:56 Scale 1:25						

Logged AW Checked AP		Start 28/10/2014 End 28/10/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.3m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.00 m A B C ➔		Ground Level Coordinates Stational Grid Chainage		-	-	-
Samples and Tests			Strata									
Depth	Type	Notes	Description						Depth Level Thickness	Legend	Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Black MACADAM.						0.10			
			2 (MADE GROUND) Orangish brown gravelly sandy SILT with low cobble content. Gravel is subangular, fine to coarse of sandstone, concrete and brick. Sand is fine to coarse. Cobbles are subangular of brick and concrete. (VO = 0,0)						0.30			
			3 (MADE GROUND) Red and orange BRICK and CONCRETE base.						0.50			
			4 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional burnt sandstone and brick. Sand is fine to coarse of ash. (VO = 1,1)						(0.60)			
			5 Soft orange sandy CLAY. Sand is fine. (VO = 0,0)						1.10			
2.00	ES 2								(1.20)			
									2.30			
3.00	ES 3		6 Orangish brown sandy slightly clayey subangular, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)						(1.00)			
									3.30			
			EXPLORATORY HOLE ENDS AT 3.30 m						3.30			

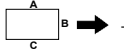
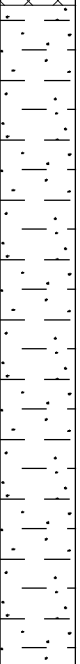
Trial Pit Log

Logged AW Checked AP		Start 31/10/2014 End 31/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.8m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m	Ground Level - Coordinates - Stational - Chainage -	
Samples and Tests			Strata	Depth Level		
Depth	Type	Notes	Description	Depth Level	Legend	Bore fill Instruments
0.50	ES 1		1 (MADE GROUND) Black MACADAM.	0.20		
			2 (MADE GROUND) Stiff greyish brown slightly sandy CLAY. Sand is fine. (VO = 1,1)	(0.30)		
0.80	ES 2		3 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone and brick. Sand is fine to coarse of ash. (VO = 1,1)	(0.40)		
			4 Soft to firm light grey mottled yellowish orange sandy CLAY. Sand is fine to coarse. (VO = 0,0)	0.90		
1.50	ES 3			(1.00)		
3.00	ES 4		5 Orangish brown gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	1.90		
				(1.90)		
			EXPLORATORY HOLE ENDS AT 3.80 m	3.80		
			3.80 m Grey weathered bedrock.			
epth	Type	Notes				
Groundwater Entries Structure, Soil, Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy		
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 Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

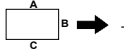
Trial Pit Log

Logged SP Checked AP		Start 12/11/2014 End 12/11/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 3.5m Terminated due to concrete.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Dark brown mottled orange sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and concrete. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone and reinforced concrete. Occasional rootlets. (VO = 0,0)	0.50			
1.50	ES 2		2 Firm to stiff grey mottled orange occasionally stained black sandy gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse of ash. (VO = 4,2)	(2.00)			
2.50	ES 3		3 Dark brown sandy clayey subangular to subrounded, fine to coarse GRAVEL with occasional cobbles. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 1,0)	2.50			
			EXPLORATORY HOLE ENDS AT 3.50 m 3.50 m Concrete	3.50			
Depth	Type	Notes					
Groundwater Entries Structure Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy		
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 Co-ordinator Sitewide Trial Pitting Project Co-ordinator Carried out for Stodwen Developments Limited		Trial Pit  Sheet 1 of 1		

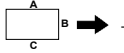
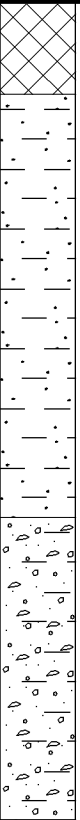
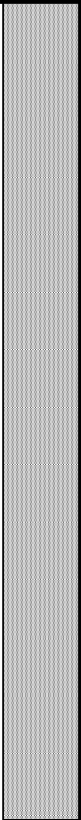
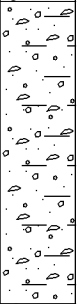
Trial Pit Log

Logged AW Checked AP		Start 12/11/2014 End 12/11/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 3.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker, sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 2,2)	0.30			
2.00	ES 2		2 Soft to firm grey mottled orange occasionally stained black sandy CLAY. Sand is fine to coarse. (VO = 3,2)	(2.20)			
3.00	ES 3		3 Brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	2.50 (0.80)			
			EXPLORATORY HOLE ENDS AT 3.30 m 3.30 m Bedrock	3.30			
Depth	Type	Notes					
Groundwater Entries No Structure Observed None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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			Project Co-ordinator: Site-wide Trial Pitting Project Officer: Carried out for: Stodwen Developments Limited		Trial Pit  Sheet 1 of 1		

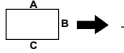
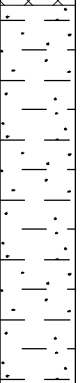
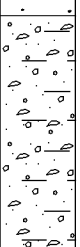
Trial Pit Log

Logged AW Checked AP		Start 12/11/2014 End 12/11/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level - Coordinates - Stational - Chainage -
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional burnt sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)	1.00		
2.00	ES 2		2 Soft to firm grey mottled orange occasionally stained black sandy CLAY. Sand is fine to coarse. (VO = 1,1)	(1.30)		
3.00	ES 3		3 Orangish brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	2.30 (1.10)		
			EXPLORATORY HOLE ENDS AT 3.40 m	3.40		
			3.40 m Bedrock			
Depth	Type	Notes				
Groundwater Entries o Structure o Striae Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather 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			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit  Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 12/11/2014 End 12/11/2014	Equipment Komatsu PC210 Methods and Remarks machine excavated trial pit from GL to 2.7m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Bac fill Instruments	
1.00	ES 1		1 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional burnt sandstone, brick and slag. Sand is fine to coarse of ash. Occasional roots and rootlets. (VO = 1,1) 2 Soft to firm grey mottled orange occasionally stained black slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 1,1)	(0.30) 0.30 (1.40)			
2.00	ES 2		3 Dark brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	1.70 (1.00)			
			EXPLORATORY HOLE ENDS AT 2.70 m	2.70 m Bedrock			
epth	Type	Records					
Groundwater Entries o Struc oost Strie Behaviour m None observed (see Key Sheet)			epth Related Remarks From to m		Stability Stable Shoring None Weather 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			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit  Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 12/11/2014 End 12/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated due to bedrock and flooding from surface water.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level - Coordinates - Stational - Chainage -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional burnt sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)	0.30		
			2 Soft to firm grey mottled orange occasionally stained black sandy CLAY. Sand is fine to coarse. (VO = 2,1)	(1.30)		
2.00	ES 2		3 Black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. (VO = 1,1)	1.60		
			EXPLORATORY HOLE ENDS AT 2.40 m 2.40 m Bedrock	2.40		
Depth	Type	Notes				
Groundwater Entries No Structure Observed Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather 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			Project Co-ordinator: Site-wide Trial Pitting Project Officer: Carried out for: Stodwen Developments Limited	Trial Pit  Sheet 1 of 1		

Trial it Log

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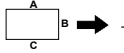
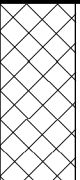
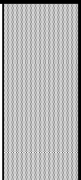
Trial it Log

Logged AW Checked AP		Start 12/11/2014 End 12/11/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.5m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.00 m A B C ➔		Ground Level Coordinates Stational ID Chainage	
Samples and Tests						Strata			
Depth		Type	Date	Description		Depth / Level / Thickness		Legend	Borehole Instruments
0.50		ES 1		1 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional burnt sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)		(0.90)			
1.50		ES 2		2 Soft to firm grey mottled orange moderately stained black sandy CLAY. Sand is fine to coarse. (VO = 3,3)		0.90 (1.60)			
				EXPLORATORY HOLE ENDS AT 2.50 m		2.50			
Depth		Type	Date						
Groundwater Entries Soil Structure Soil Strain Behaviour None observed (see Key Sheet)				Depth Related Remarks From To m		Stability Stable Shoring None Weather 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.				Project Co-Ordinacy Site-wide Trial Pitting Project Co-Ordination Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1			

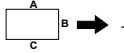
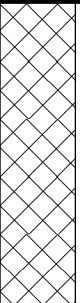
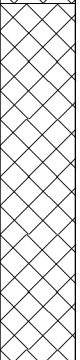
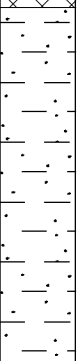
Logged AW Checked AP		Start 11/11/2014 End 11/11/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.00 m A B C ➔		Ground Level Coordinates Stational Grid Chainage		
Samples and Tests			Strata							
Depth	Type	Notes	Description					Depth / Level / Thickness	Legend	Backfill / Instrument
1.00	ES 1		1 (MADE GROUND) Soft to firm grey mottled orange occasionally stained black slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick. Sand is fine to coarse. Moderate roots and rootlets. (VO = 2,2)					(1.80)		
			EXPLORATORY HOLE ENDS AT 1.80 m					1.80		
Depth	Type	Notes								
Groundwater Entries Structure / Soil / Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m					Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4813/01/2015 08:35:59 			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited					Trial Pit Sheet 1 of 1		

Logged AW Checked AP	Start 11/11/2014 End 11/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated due to flooding of pit from surface water.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates Stational Grid Chainage		
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instrument
		*	1 (MADE GROUND) Soft greyish dark brown gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Sand is fine to coarse. With frequent roots, rootlets and wood fragments. (VO = 1,1)	(0.50)		
			EXPLORATORY HOLE ENDS AT 0.50 m	0.50		
Depth	Type	Notes				
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 0.50 No Samples Obtained.	Stability Unstable Shoring None Weather 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) ESG www.esg.co.uk 426.4813/01/2015 08:36:01 ESG			Project Coedarcy Sitewide Trial Pitting Project Code Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

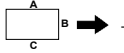
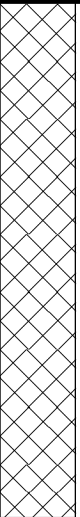
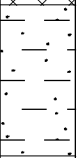
Trial Pit Log

Logged AW Checked AP		Start 13/11/2014 End 13/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.6m Terminated due to concrete and brick foundation.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level - Coordinates - Stational - Chainage -	
Samples and Tests			Strata				
Depth	Type	Notes	Description		Depth Level/Thickness	Legend	Backfill Instruments
		*	1 (MADE GROUND) Greyish dark brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone, brick and clinker with medium cobble content. Sand is fine to coarse. Cobbles are subangular to sunrounded of sandstone and brick. Moderate metal and plastic fragments. (VO = 1,1)		(0.60)		
			EXPLORATORY HOLE ENDS AT 0.60 m		0.60		
			0.60 m Concrete and brick structure.				
Depth	Type	Records					
Groundwater Entries No Structure Observed Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained.		Stability Stable Shoring None Weather 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			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit  Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 11/11/2014 End 11/11/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level - Coordinates - Stational Grid - Chainage -
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Orangish brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 0,0)	(1.00)		
1.50	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional burnt sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)	(1.20)		
2.50	ES 3		3 Stiff greyish dark brown moderately stained black slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 3,3)	(1.20)		
			EXPLORATORY HOLE ENDS AT 3.40 m	3.40		
			3.40 m Grey weathered bedrock.			
Depth	Type	Notes				
Groundwater Entries No Structure Observed None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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.			Project Coedarcy Sitewide Trial Pitting Project No Carried out for Stodwen Developments Limited		Trial Pit  Sheet 1 of 1	

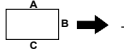
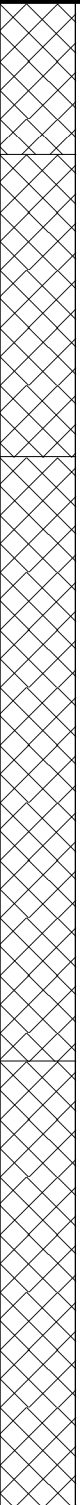
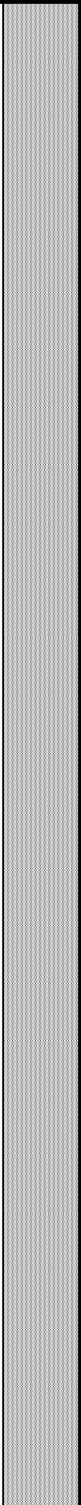
Trial Pit Log

Logged AW Checked AP		Start 11/11/2014 End 11/11/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level - Coordinates - Stational - Chainage -	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Orangish brown occasionally stained black gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	(1.70)			
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)	1.70 (1.20)			
3.00	ES 3		3 Firm to stiff grey mottled orange moderately stained black sandy CLAY. Sand is fine to coarse. (VO = 3,2)	2.90 (0.50)			
			EXPLORATORY HOLE ENDS AT 3.40 m 3.40 m Sandstone bedrock.	3.40			
Depth	Type	Notes					
Groundwater Entries No Structure Observed None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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.			Project Co-ordinator: Sitewide Trial Pitting Project Officer: Carried out for: Stodwen Developments Limited		Trial Pit  Sheet 1 of 1		

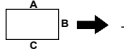
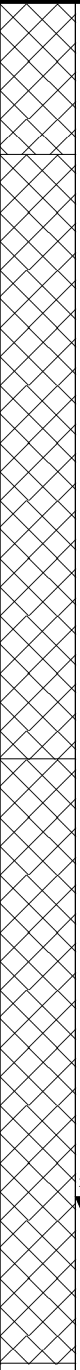
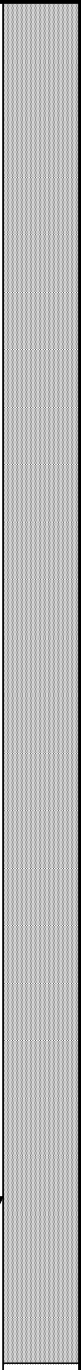
Logged AW Checked AP		Start 11/11/2014 End 11/11/2014		Equipment Methods and Remarks Komatsu PC210 machine excavated trial pit from GL to 4.3m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Grid Chainage		
Samples and Tests				Strata						
Depth		Type	Notes	Description				Depth Level/Thickness	Legend	Backfill Instrument
1.00		ES 1		1 Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. Moderate roots and wood fragments. (VO = 2,1)				1.30		
2.00		ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)				1.80		
3.00		ES 3		3 Firm grey mottled orange frequently stained black slightly sandy CLAY. Sand is fine. (VO = 4,3)				3.10		
4.00		ES 4						4.30		
				EXPLORATORY HOLE ENDS AT 4.30 m				4.30		
Depth		Type	Notes							
Groundwater Entries Structure Post Stride Behaviour None observed (see Key Sheet)				Depth Related Remarks From to m				Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4813/01/2015 08:36:06				Project Coedarcy Sitewide Trial Pitting Project Coedarcy Sitewide Trial Pitting Carried out for Stodwen Developments Limited				Trial Pit Sheet 1 of 1		

Logged AW Checked AP	Start 12/11/2014 End 12/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.5m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Grid Chainage	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth / Level / Thickness	Legend	Backfill / Instrument
1.00	ES 1		1 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker, sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 2,2)	(1.80)		
2.00	ES 2		2 Soft to firm grey mottled orange occasionally stained black sandy CLAY. Sand is fine to coarse. (VO = 2,2)	1.80		
3.00	ES 3			(1.70)		
			EXPLORATORY HOLE ENDS AT 3.50 m	3.50		
				3.50 m Bedrock		
Depth	Type	Notes				
Groundwater Entries Structure / Soil / Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4813/01/2015 08:56:26 			Project Coedarcy Sitewide Trial Pitting Project Officer Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

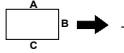
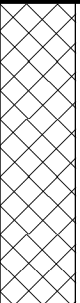
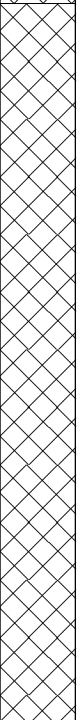
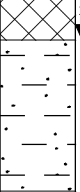
Trial Pit Log

Logged SP Checked AP	Start 12/11/2014 End 12/11/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level - Coordinates - Stational - Chainage -		
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional rootlets and branches. (VO = 0,0)	0.50		
1.50	ES 2		2 (MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL and sandstone and clinker with low cobble content. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 1,1)	1.00		
2.50	ES 3		3 (MADE GROUND) Firm to stiff grey mottled orange sandy gravelly CLAY. Gravel is subangular to subrounded of sandstone and clinker. Sand is fine to coarse of ash. Occasional rootlets. (VO = 1,1)	1.50		
3.50	ES 4		4 (MADE GROUND) Dark brown clayey sandy subangular to subrounded, fine to coarse GRAVEL with medium cobble content. Sand is fine to coarse. Cobbles are subrounded to rounded of sandstone and occasional brick. Occasional boulder size yellow clay. (VO = 1,1)	3.50		
			EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries No Structure Observed Strife Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy		
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 Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit  Sheet 1 of 1		

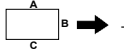
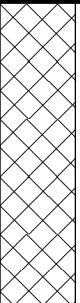
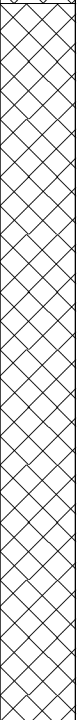
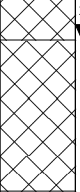
Trial Pit Log

Logged SP Checked AP		Start 12/11/2014 End 12/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level - Coordinates - Stational - Chainage -	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Dark orangish brown sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with occasional cobbles. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional rootlets and occasional pockets of yellow clay. (VO = 1,1)	0.50			
1.50	ES 2		2 (MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and clinker with low cobble content. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone. Occasional ceramics. Moderate boulder size pockets of yellow clay. (VO = 0,0)	(2.00)			
2.50	ES 3			2.50			
3.50	ES 4		3 (MADE GROUND) Firm to stiff brownish grey mottled orange with occasional black staining sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional clinker. Sand is fine to coarse. Cobbles are subrounded to rounded of sandstone. Occasional plastic and rootlets. (VO = 5,2)	(2.00)			
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50			
Depth	Type	Notes					
Groundwater Entries 1 4.00 Groundwater.			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy		
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			Carried out for St odwen evelopments Limited		Trial Pit  Sheet 1 of 1		

Trial Pit Log

Logged SP Checked AP	Start 12/11/2014 End 12/11/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 4.0m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level - Coordinates - Stational Grid - Chainage -		
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional rootlets. (VO = 1,3)	(1.00)		
1.50	ES 2		2 (MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and brick with low cobble content. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone and occasional brick. Moderate boulder size pockets of yellow clay. (VO = 1,1)	1.00 (2.50)		
2.50	ES 3					
3.50	ES 4		3 Firm to stiff grey mottled orange with moderate black staining sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	3.50 (0.50)		
			EXPLORATORY HOLE ENDS AT 4.00 m	4.00		
Depth	Type	Notes				
Groundwater Entries Date of Structure 1 3.50 Groundwater			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit  Sheet 1 of 1	

Trial Pit Log

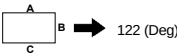
Logged SP Checked AP		Start 12/11/2014 End 12/11/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 4.0m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.50 m 		Ground Level Coordinates National Grid Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Dark greyish brown sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and moderate brick. Occasional rootlets and occasional ceramics. (VO = 1,1)	(1.00)		
1.50	ES 2		2 (MADE GROUND) Dark blackish brown sandy subrounded to rounded, fine to coarse GRAVEL of sandstone, clinker and occasional brick with low cobble content. Sand is fine to coarse of ash. Cobbles are of sandstone and moderate brick. Occasional pockets of yellow clay. (VO = 0,0)	1.00		
2.50	ES 3			(2.50)		
3.50	ES 4		3 (MADE GROUND) Firm grey mottled orange with moderate black staining sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional rootlets and branches. (VO = 5,2)	3.50		
			EXPLORATORY HOLE ENDS AT 4.00 m	(0.50)		
				4.00		
Depth	Type	Notes				
Groundwater Entries 1 3.50 Groundwater			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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.			Project Coedarcy Sitewide Trial Pitting Conducted by Carried out for Stodwen Developments Limited		Trial Pit  Sheet 1 of 1	

Trial Pit Log



Logged SP Checked AP	Start 12/11/2014 End 12/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated due to concrete wall.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C ➔	Ground Level Coordinates National Grid Chainage	- - - -
Samples and Tests			Strata		
Depth	Type	Notes Records	Description	Depth Level/ Thickness	Legend Back fill Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone, clinker and occasional brick with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional rootlets. (VO = 1,1) EXPLORATORY HOLE ENDS AT 0.50 m	(0.50) 0.50	
Depth	Type	Records ate			
Groundwater Entries Soil Structure Soil Striae Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather 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			Project Co-ordinator Project Officer Carried out for Site Development Developments Limited	Trial Pit Sheet 1 of 1	

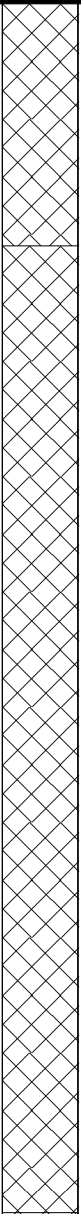
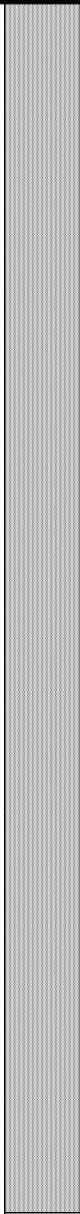


Logged JH Checked AP	Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated due to collapse.	Dimensions and Orientation Width 1.60 m Length 3.10 m 	Ground Level Coordinates Stational Chainage
Samples and Tests		Strata		
Depth	Type	Notes	Description	Depth Level / Thickness Legend Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Firm brownish grey slightly sandy slightly gravelly SILT with high cobble content. Sand is fine to coarse. Gravel is fine to coarse, subangular to subrounded of sandstone and brick. Cobbles are subangular to subrounded of sandstone and brick. (VO = 0,0)	(0.60)
			2 (MADE GROUND) Brown slightly sandy, fine to coarse subangular to subrounded GRAVEL of sandstone. Sand is fine to coarse. (VO = 0,0)	(0.50)
1.50	ES 2		3 (MADE GROUND) Black slightly sandy fine to coarse, subangular to subrounded GRAVEL of sandstone and clinker. Sand is fine to coarse of ash. (VO = 0,0)	(1.30)
			1.10 m Wire running from Face A-C in centre of pit (30mm diameter).	
			EXPLORATORY HOLE ENDS AT 2.40 m	2.40
Depth	Type	Notes		
Groundwater Entries Structure / Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Collapse on Face D & C Shoring None Weather 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.			Project Co-ordinator Carried out for	Trial Pit Sheet 1 of 1

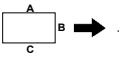
Trial Pit Log



Logged NK Checked AP	Start 11/02/2015 End 11/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.9m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.00 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage
Samples and Tests			Strata		
Depth	Type	Notes	Description	Depth Level / Thickness	Legend
1.00	ES 1		1 (MADE GROUND) Light brown silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, concrete and brick. Cobbles are subangular to subrounded of sandstone, concrete and brick. (VO = 0,0)	(3.90)	
2.00	ES 2				
3.00	ES 3				
4.00	ES 4		2 Firm black mottled grey CLAY with low cobble content. Cobbles are subangular to subrounded of sandstone. (VO = 4,4)	3.90	
			EXPLORATORY HOLE ENDS AT 4.90 m	4.90	
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy
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) ESG www.esg.co.uk 426.4802/03/2015 16:44:51			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit Sheet 1 of 1

Logged JH Checked AP		Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Unable to progress beyond 4.00m.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C 179 (Deg)		Ground Level Coordinates Stational Chainage		
Samples and Tests			Strata					
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments		
0.50	ES 1		1 (MADE GROUND) Dark brown grey slightly sandy clayey, fine to coarse subangular to subrounded GRAVEL of sandstone and brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and brick. (VO = 0,0)	(0.80)				
1.50	ES 2		2 (MADE GROUND) Black slightly sandy, fine to coarse subangular to subrounded rarely cobbled GRAVEL of sandstone and clinker. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of brick.	0.80				
2.50	ES 3							
3.50	ES 4							
			2.00 m Rail track	(3.20)				
			EXPLORATORY HOLE ENDS AT 4.00 m	4.00				
Depth	Type	Notes						
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Stable Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4831/03/2015 14:57:33 			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited			Trial Pit Sheet 1 of 1		

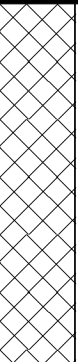
Logged JH Checked AP		Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.40 m A B C 180 (Deg)		Ground Level Coordinates Stational Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown grey slightly sandy slightly clayey, fine to coarse subangular to subrounded GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone, brick and concrete. (VO = 0,0)	(0.70)		
1.50	ES 2		2 (MADE GROUND) Black slightly sandy, fine to coarse subangular to subrounded GRAVEL of sandstone and clinker. Sand is fine to coarse of ash. (VO = 0,0)	0.70		
2.60	ES 3					
3.40	ES 4			(4.30)		
4.40	ES 5					
Depth	Type	Remarks	EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4831/03/2015 14:57:37 AGS			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Logged AW Checked AP	Start 03/11/2014 End 03/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.8m Terminated due to concrete base.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level Coordinates Stational Grid Chainage
Samples and Tests			Strata	
Depth	Type No	Date Records	Description	Depth Level / Thickness Legend Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Dark greyish brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and brick. (VO = 3,2)	(0.80)
			EXPLORATORY HOLE ENDS AT 0.80 m	0.80 Concrete.
Depth	Type No	Date Records		
Groundwater Entries No Structural or Strain Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Sunny,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) ESG www.esg.co.uk 426.4808/01/2015 16:06:35 			Project Co-ordination Site-wide Trial Pitting Conducted by Carried out for St Odwen Developments Limited	Trial Pit Sheet 1 of 1

Trial Pit Log



Logged AW Checked AP		Start 03/11/2014 End 03/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.0m Terminated due to concrete base.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Dark greyish brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular occasionally tabular of sandstone and occasional brick. Occasional wood fragments. (VO = 2,2)	(1.00)			
			EXPLORATORY HOLE ENDS AT 1.00 m	1.00			
			1.00 m Concrete.				
Groundwater Entries Soil Structure and Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy,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. (c) ESG www.esg.co.uk 426.4908/01/2015 16:06:37			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Logged A/W Checked A/P		Start 03/11/2014 End 03/11/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.2m Terminated on concrete base.		Dimensions and Orientation Width 1.50 m Length 3.00 m A B C ➔		Ground Level Coordinates Stational Grid Chainage		- - -
Samples and Tests				Strata						
Depth		Type	Notes	Description				Depth / Level / Thickness	Legend	Backfill Instruments
1.00		ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. (VO = 3,2)				(1.20)		
				EXPLORATORY HOLE ENDS AT 1.20 m				1.20		
Depth		Type	Notes							
Groundwater Entries Structure / Soil / Behaviour None observed (see Key Sheet)				Depth Related Remarks From to m				Stability Stable Shoring None Weather Sunny		
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. (c) ESG www.esg.co.uk 426.4815/01/2015 15:32:13 				Project Co-ordinator: Site-wide Trial Pitting Project Co-ordinator: St Odwen Developments Limited				Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



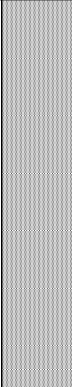
Logged AW Checked AP		Start 03/11/2014 End 03/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.4m Terminated due to concrete base.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Dark greyish brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. (VO = 3,2)	(1.40)			
			EXPLORATORY HOLE ENDS AT 1.40 m	1.40 Concrete.			
Depth	Type	Remarks					
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4908/01/2015 16:06:39			Project Co-Ordination Site-wide Trial Pitting Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 03/11/2014 End 03/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.5m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Borehole Instruments	
1.00	ES 1		1 (MADE GROUND) Dark greyish brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular occasionally tabular of sandstone and occasional brick. (VO = 2,2)	(1.60)			
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. (VO = 1,1)	1.60			
3.00	ES 3			(1.90)			
			EXPLORATORY HOLE ENDS AT 3.50 m	3.50			
Depth	Type	Notes					
Groundwater Entries Soil Structure 1 3.30 Seepage, heavy flow with black hydrocarbon staining and strong odour.			Depth Related Remarks From to m		Stability Unstable Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4908/01/2015 16:06:42			Project Co-Ordinacy Site-wide Trial Pitting Project Co-Ordinacy Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Trial it Log

Logged AW Checked AP		Start 03/11/2014 End 03/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.3m Terminated due to concrete base.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C →		Ground Level Coordinates Stational Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. (VO = 2,2)	(1.30)			
			EXPLORATORY HOLE ENDS AT 1.30 m	1.30			
Depth	Type	Notes					
Groundwater Entries Structure Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4815/01/2015 15:32:15 			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 03/11/2014 End 03/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.8m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Date Records	Description	Depth Level Thickness	Legend	Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Dark greyish brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. (VO = 3,2)	(1.70)	1		
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. Occasional boulder sized pockets of soft yellow clay with a strong chemical odour. (VO = 1,1)	1.70			
3.00	ES 3			(2.10)	2		
			EXPLORATORY HOLE ENDS AT 3.80 m	3.80			
Depth	Type	Date Records					
Groundwater Entries No. Stratum Post Stratum Behaviour			Depth Related Remarks From to m			Stability Unstable	
1 1.00 Seepage						Shoring None	
2 3.50 Fast flowing seepage with strong hydrocarbon black staining and odour.						Weather 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.			Project Co-ordinator Site-wide Trial Pitting			Trial Pit	
Scale 1:25 (c) ESG www.esg.co.uk 426.4908/01/2015 16:06:44			Carried out for Stodwen Developments Limited			Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP		Start 03/11/2014 End 03/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.7m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Greyish dark brown occasional stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular occasionally tabular of sandstone occasional brick. With moderate wood fragments and occasional roots and rootlets. (VO = 1,1)	(1.10)		1	
1.50	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. Occasional boulder sized pockets of soft yellow clay. Strong chemical odour. (VO = 1,1)	1.10		2	
2.50	ES 3			(2.30)			
3.50	ES 4		3 Soft grey mottled orange frequently stained black slightly sandy CLAY. Sand is fine. (VO = 5,3)	3.40 (0.30)		2	
			EXPLORATORY HOLE ENDS AT 3.70 m	3.70			
Depth	Type	Notes					
Groundwater Entries Structure 1 1.10 Seepage 2 3.50 Seepage, heavy flow, water stained back from hydrocarbons, strong odour.			Depth Related Remarks From to m Carried out for St odwen developments Limited		Stability Stable Shoring None Weather Sunny		
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) ESG www.esg.co.uk 426.4815/01/2015 15:32:17			Project Coedarcy Sitewide Trial Pitting Carried out for St odwen developments Limited		Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP	Start 03/11/2014 End 03/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.6m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage
Samples and Tests		Strata		
Depth	Type	Notes	Description	Depth Level/Thickness Legend Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Dark greyish brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. (VO = 2,2)	(1.10)
1.50	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. Occasional boulder sized pockets of soft yellow clay with a strong chemical odour. (VO = 1,1)	1.10 (2.10)
2.50	ES 3			
3.50	ES 4		3 Soft grey mottled orange frequently stained black slightly sandy CLAY. Sand is fine. (VO = 5,4)	3.20 (0.40)
			EXPLORATORY HOLE ENDS AT 3.60 m	3.60
Depth	Type	Records		
Groundwater Entries Structure 1 3.20 Seepage, heavy flow, heavily hydrocarbon stained black with strong odour.			Depth Related Remarks From to m Stability Unstable Shoring None Weather Sunny	
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) ESG www.esg.co.uk 426.4908/01/2015 16:06:46			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited Trial Pit Sheet 1 of 1	

Trial it Log



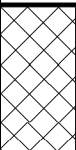
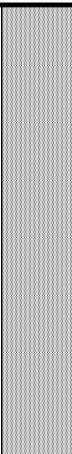
Logged AW Checked AP		Start 03/11/2014 End 03/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with low cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. (VO = 2,2)	(0.80)			
1.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. (VO = 1,1)	0.80			
2.00	ES 3			(2.00)			
3.00	ES 4		3 Soft to firm grey mottled orange frequently stained black sandy CLAY. Sand is fine. Visible free product on clay. (VO = 5,4)	2.80 (0.60)			
			EXPLORATORY HOLE ENDS AT 3.40 m	3.40			
Depth	Type	Notes					
Groundwater Entries Structure 1 3.20 Heavy seepage, water has strong black hydrocarbon staining with strong odour.			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		



Trial it Log

Logged AW Chec ed AP		Start 31/10/2014 End 31/10/2014		Equipment ethods and Remar s Komatsu PC210 Machine excavated trial pit from GL to 2.8m Terminated due to collapse.		Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		round Level Coordinates ational rid Chainage		- - -
Samples and Tests				Strata						
epth		Type o	ate Records	escription				epth Level/ Thic ness	Legend	Bac fill Instruments
0.50		ES 1		1 (MADE GROUND) Soft greyish dark brown moderately stained black gravelly slightly sandy CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 2,3)				(0.60)		
1.00		ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. (VO = 2,2)				(0.40)		
1.50		ES 3		3 Soft to firm grey mottled orange moderately stained black sandy CLAY. Sand is fine to coarse. (VO = 3,5)				(1.00)		
2.00				4 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. (VO = 3,4)				(0.50)		
2.50		ES 4		5 Firm grey sandy CLAY. Sand is fine to coarse. (VO = 3,3)				(0.30)		
				EXPLORATORY HOLE ENDS AT 2.80 m				2.80		
epth		Type o	Records ate							
roundwater Entries o Struc ost Stri e Behaviour 1 2.00 Seepage very fast flow. Black sheen on surface. Strong hydrocarbon odour.				epth Related Remar s From to m				Stability Unstable Shoring None eather Sunny		
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.				ro ect Coed arc y Sitewide Trial itting ro ect o Carried out for St odwen evelopments Limited				Trial Pit I Sheet 1 of 1		

Trial it Log

Logged SP Checked AP		Start 10/11/2014 End 10/11/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.5m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage		
Samples and Tests				Strata						
Depth		Type	Date	Description				Depth / Thickness	Legend	Bac fill Instruments
0.50		ES-1		1 (MADE GROUND) Dark brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional roots and bark. Occasional plastic. (VO = 1,1)				0.50		
				2 (MADE GROUND) Dark brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and clinker with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional rootlets and bark. Occasional plastic. (VO = 0,0)				(1.00)		
1.50		ES-2		EXPLORATORY HOLE ENDS AT 1.50 m				1.50		
Depth		Type	Date							
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)				Depth Related Remarks From to m				Stability Stable Shoring None Weather Slight drizzle		
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 Coedarcy Site-wide Trial Pitting Project Code Carried out for Stodwen Developments Limited				Trial Pit Sheet 1 of 1		

Trial Pit Log

Logged SP Checked AP		Start 10/11/2014 End 10/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m	Ground Level - Coordinates - Stational - Chainage -	
Samples and Tests			Strata	Depth Level Thickness Legend Backfill Instruments		
Depth	Type	Notes	Description	Depth	Level	Backfill
0.50	ES 1		1 (MADE GROUND) Dark blackish brown and clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse of sandstone and ash. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional rootlets and logs. (VO = 1,1)	0.50		
1.00	ES 2		2 (MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with occasional cobbles. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional rootlets. Occasional boulder size pockets of yellow clay. (VO = 1,1)	1.00		
2.00	ES 3		3 Firm to stiff grey mottled orange with moderate black staining gravelly sandy CLAY with occasional cobbles. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone and occasional brick. Moderate rootlets and occasional branches. (VO = 5,2)	1.50		
3.00	ES 4			2.50		
			EXPLORATORY HOLE ENDS AT 4.00 m	4.00		
Groundwater Entries No Structure 1 4.00 Seepage			Depth Related Remarks From to m	Stability Stable Shoring None Weather 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.			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

Trial Pit Log

Logged SP Checked AP		Start 10/11/2014 End 10/11/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 4.5m Terminated due to water ingress.	Dimensions and Orientation Width 1.60 m Length 4.50 m 	Ground Level - Coordinates - Stational - Chainage -	
Samples and Tests			Strata	Depth Level		
Depth	Type	Notes	Description	Level	Legend	Bore fill Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional rootlets and branches. (VO = 1,0)	0.50		
1.50	ES 2		2 (MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and clinker with low cobble content. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional rootlets. Occasional plastic. (VO = 0,0)	(2.50)		
2.50	ES 3					
3.50	ES 4		3 (MADE GROUND) Grey mottled orange with occasional black staining sandy gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional rootlets. (VO = 3,1)	3.00		
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
Depth	Type	Notes				
Groundwater Entries No structural or Strata Behaviour 1 4.50 Seepage			Depth Related Remarks From to m	Stability Stable Shoring None Weather Light 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.			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP	Start 07/11/2014 End 07/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m	Ground Level Coordinates Stational Chainage
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Samples and Tests			Strata	Depth Level/Thickness	Legend	Backfill Instruments
Depth	Type	Notes/Records	Description			
1.00	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and brick. (VO = 1,1)	(1.20)		
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. (VO = 1,1)	1.20 (1.60)		
3.00	ES 3		3 Grey mottled orange occasionally stained black gravelly slightly clayey, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 2,2)	2.80		
4.00	ES 4			(2.20)		
			EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries Structure / Soil / Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Heavy rain, wind		
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 Co-Ordinacy Sitewide Trial Pitting Project Co-Ordinacy Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP	Start 07/11/2014 End 07/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m	Ground Level Coordinates Stational Chainage
Samples and Tests		Strata		
Depth	Type	Notes	Description	Depth Level Thickness Legend Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Firm grey mottled orange occasionally stained black gravelly sandy CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, clinker and occasional brick, sandstone and slag. Sand is fine to coarse occasionally fo ash. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 1,1)	(1.30)
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. (VO = 1,1)	1.30 (1.80)
3.00	ES 3		3 Soft to firm grey mottled orange moderately stained black sandy CLAY. Sand is fine to medium. (VO = 3,2)	3.10
4.00	ES 4			(1.90)
Depth	Type	Notes	EXPLORATORY HOLE ENDS AT 5.00 m	
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	
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.			Stability Unstable Shoring None Weather Rain, wind	
Scale 1:25 (c) ESG www.esg.co.uk 426.4809/01/2015 15:16:34			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited Trial Pit Sheet 1 of 1	

Trial it Log



Logged AW Checked AP	Start 07/11/2014 End 07/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. (VO = 1,1)	(1.20)		
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)	1.20 (2.00)		
3.00	ES 3			3.20		
4.00	ES 4		3 Grey mottled orange occasionally stained black slightly gravelly slightly clayey, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 2,2)	(1.80)		
Depth	Type	Notes	EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries Structure / Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Unstable 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) ESG www.esg.co.uk 426.4815/01/2015 15:32:36			Project Co-ordination Site-wide Trial Pitting Project Co-ordination Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial it Log



Logged AW Checked AP	Start 07/11/2014 End 07/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level Coordinates Stational Chainage		
Samples and Tests		Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Bac fill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional metal and plastic waste. (VO = 3,2)	(1.10)		
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)	1.10		
3.00	ES 3		3 Soft to stiff grey mottled orange moderately stained black sandy CLAY. Sand is fine to medium. (VO = 3,2)	2.90		
4.00	ES 4			(2.10)		
Depth	Type	Notes	EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4815/01/2015 15:32:40			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial it Log



Logged AW Checked AP	Start 07/11/2014 End 07/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests		Strata			
Depth	Type	Notes Records	Description	Depth Level Thickness	Legend Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Grey moderately stained black sandy subangular, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 2,2)	(0.90)	
1.50	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)	0.90 (2.50)	
3.00	ES 3				
4.00	ES 4		3 Firm to stiff grey mottled orange frequently stained black sandy CLAY. Sand is fine. (VO = 4,3)	3.40 (1.60)	
EXPLORATORY HOLE ENDS AT 5.00 m					
Groundwater Entries Structure Soil Strata Behaviour None observed (see Key Sheet)		Depth Related Remarks From to m		Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4815/01/2015 15:32:42		Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP		Start 07/11/2014 End 07/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 1,1)	(1.40)			
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)	(1.30)			
3.00	ES 3		3 Soft yellow CLAY. Very strong chemical odour. (VO = 0,5)	(0.60)			
4.00	ES 4		4 Firm to stiff grey mottled orange occasionally stained black sandy CLAY. Sand is fine to coarse. (VO = 2,2)	(1.70)			
			EXPLORATORY HOLE ENDS AT 5.00 m				
Groundwater Entries Structure 1 3.30 Seepage			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4816/01/2015 14:43:28			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Trial Pit Log

Logged SP Checked AP	Start 10/11/2014 End 10/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m	Ground Level - Coordinates - Stational - Chainage -		
Samples and Tests		Strata				
Depth	Type	Notes	Description	Depth / Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. Moderate rootlets and branches. (VO = 1,1)	(1.50)		
1.50	ES 2		2 (MADE GROUND) Dark blackish brown gravelly, fine to coarse SAND of ash with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick. Cobbles are subangular to subrounded of sandstone and occasional brick. Moderate rootlets and occasional plastic. (VO = 1,1)	1.50		
2.50	ES 3		3 Firm to stiff grey mottled orange moderate black stained sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded of sandstone. Moderate rootlets. (VO = 5,2)	2.50		
3.50	ES 4			(2.00)		
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
Depth	Type	Notes				
Groundwater Entries 1 4.50 Water ingress.			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy	
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 Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	

Trial Pit Log

Logged SP Checked AP		Start 10/11/2014 End 10/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m	Ground Level - Coordinates - Stational - Chainage -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth / Level	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Occasional rootlets, branches and large logs. (VO = 1,1)	(1.00)		
1.00	ES 2		2 (MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and clinker with low cobble content. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone and moderate brick. Occasional rootlets. Occasional metal and clay pipes. (VO = 1,1)	1.00		
2.00	ES 3			(1.50)		
3.00	ES 4		3 (MADE GROUND) Firm grey mottled orange with moderate black staining sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional rootlets and branches. (VO = 1,1)	2.50		
4.00	ES 5			(2.50)		
Depth Type Notes			EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries Structure Soil Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Overcast	
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 Co-ordinator Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	

Trial Pit Log

Logged SP Checked AP		Start 10/11/2014 End 10/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m	Ground Level Coordinates Stational rid Chainage	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Bac fill Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional rootlets and branches. (VO = 1,1)	(1.00)		
1.50	ES 2		2 (MADE GROUND) Black with occasional orange staining sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and clinker with low cobble content. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone. Occasional rootlets. Occasional boulder size pockets of yellow clay. (VO = 0,1)	1.00		
2.50	ES 3			(2.50)		
3.50	ES 4		3 Firm to stiff grey mottled orange with occasional black staining sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone. Occasional rootlets and branches. (VO = 5,1)	3.50		
				(1.00)		
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
Depth	Type	Notes				
Groundwater Entries Structure / Soil Behaviour 1 4.50 Water ingress			Depth Related Remarks From to m	Stability Stable Shoring None Weather 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.			Project Coedarcy Sitewide Trial Pitting Project Co Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 31/10/2014 End 31/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.7m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick. Cobbles are subangular of sandstone and occasional brick. (VO = 2,1)	(0.30)			
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. (VO = 1,1)	(2.10)			
3.00	ES 3		3 Soft to firm grey mottled orange frequently stained black sandy CLAY. Sand is fine to coarse. (VO = 5,4)	(1.30)			
			EXPLORATORY HOLE ENDS AT 3.70 m	3.70			
			3.70 m Grey weathered bedrock.				
Groundwater Entries Structure 1 2.40 Seepage, surface water has black sheen, strong hydrocarbon odour. Fast flowing water.			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy		
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 Co-ordination Project Co-ordination Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		



Trial Pit Log



Logged AW Checked AP		Start 30/10/2014 End 30/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage
Samples and Tests			Strata			
Depth	Type	Notes Records	Description	Depth Level/Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and brick. (VO = 2,1)	(1.50)		
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick and sandstone. Sand is fine to coarse of ash. Occasional roots. Frequent boulder sized pockets of soft to firm yellowish grey frequently stained black clay with a strong hydrocarbon odour. (VO = 1,1), clay pockets (VO = 4,4)	1.50 (2.30)		
3.00	ES 3					
4.00	ES 4		3 Soft to firm yellowish grey frequently stained black CLAY. (VO = 5,4)	3.80 (1.20)		
			EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries Soil Structure 1 4.00 Seepage - surface water has black hydrocarbon sheen.			Depth Related Remarks From to m		Stability Unstable Shoring None Weather 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) ESG www.esg.co.uk 426.4908/01/2015 16:06:51 AGS			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial it Log



Logged AW Checked AP	Start 29/10/2014 End 29/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage
Samples and Tests		Strata		
Depth	Type	Date Records	Description	Depth Level Thickness Legend Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded, fine to coarse of sandstone and brick. (VO = 2,2)	(2.10)
2.00	ES 2			2.10
3.00	ES 3		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker, occasional brick and sandstone. Sand is fine to coarse of ash. Occasional wood fragments. (VO = 2,2)	(2.90)
4.00	ES 4		2.50 m Occasional rubber and metal cobble.	
EXPLORATORY HOLE ENDS AT 5.00 m				
Groundwater Entries Soil Structure 1 1.00 Seepage.		Depth Related Remarks From to m		Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4802/02/2015 16:10:28		Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1

Trial Pit Log



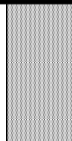
Logged AW Checked AP		Start 29/10/2014 End 29/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.8m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata					
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments		
1.00	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with high cobble content. Sand is fine to coarse. Cobbles are subangular occasionally tabular of sandstone and occasional brick. (VO = 2,2)	(2.20)				
2.00	ES 2			2.20				
3.00	ES 3		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick and burnt sandstone. Sand is fine to coarse of ash. Occasional wood fragments and plastic and metal waste. Rare boulder sized pockets of soft yellow clay with a very strong chemical odour. (VO = 1,1)					
4.00	ES 4			(2.60)				
			EXPLORATORY HOLE ENDS AT 4.80 m	4.80				
Depth	Type	Notes						
Groundwater Entries Soil Structure 1 2.20 Seepage			Depth Related Remarks From to m			Stability Stable Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4802/02/2015 16:10:33			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited			Trial Pit Sheet 1 of 1		

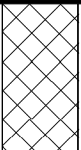
Trial it Log

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Trial Pit Log

Logged AW Checked AP	Start 29/10/2014 End 29/10/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 4.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m	Ground Level - Coordinates - Stational - Chainage -		
Samples and Tests			Strata	Ground Level		
Depth	Type	Notes	Description	Depth / Level	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Greyish brown frequently stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 4,3)	(1.00)		
			2 (MADE GROUND) Grey subangular, fine to medium GRAVEL of sandstone. (VO = 0,0)	1.00 (0.30)		
1.50	ES 2		3 (MADE GROUND) Light grey mottled orange silty, fine to coarse SAND. (VO = 0,0)	1.30 (0.40)		
			4 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional burnt sandstone and brick. Sand is fine to coarse of ash. (VO = 1,1)	1.70		
2.50	ES 3			(2.30)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 4.00 m	4.00		
Groundwater Entries o Struc ost Stri e Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather 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			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1		

Logged JH Checked AP	Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.5m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C ➔ 163 (Deg)	Ground Level Coordinates Stational Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Dark greyish brown slightly sandy slightly clayey, fine to coarse subangular to subrounded occasionally cobbled GRAVEL of sandstone, brick, concrete and clinker. Sand is fine to coarse. (VO = 1,0).	(0.50)		
1.50	ES 2		2 (MADE GROUND) Black slightly sandy, fine to coarse subangular to subrounded GRAVEL of sandstone and clinker. Sand is fine to coarse of ash. (VO = 1,0)	0.50		
2.50	ES 3					
3.50	ES 4			(5.00)		
4.50	ES 5					
Depth	Type	Notes	Stratum continues to 5.50 m			
Groundwater Entries No Structure Observed Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Sun		
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) ESG www.esg.co.uk 426.4831/03/2015 14:57:42 			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 2		

Logged JH Checked AP	Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.5m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C ➔ 163 (Deg)	Ground Level Coordinates Stational Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
			2 (MADE GROUND) Black slightly sandy, fine to coarse subangular to subrounded GRAVEL of sandstone and clinker. Sand is fine to coarse of ash. (VO = 1,0)	5.50		
			EXPLORATORY HOLE ENDS AT 5.50 m			
Depth	Type	Notes				
Groundwater Entries Structure and Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Sun		
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 Co-ordinator Carried out for St Odwen Developments Limited	Trial Pit 1 Sheet 2 of 2		

Logged JH Checked AP		Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C ➔ 148 (Deg)		Ground Level Coordinates Stational Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
0.80	ES 1		1 (MADE GROUND) Dark brown grey sandy slightly clayey, fine to coarse subangular to subrounded GRAVEL of sandstone and brick with low cobble content. One well rounded sandstone boulder. (VO = 0,8)	(0.40)		
1.50	ES 2		2 (MADE GROUND) Black sandy fine to coarse, subangular to subrounded GRAVEL of sandstone and clinker. Sand is fine to coarse of ash. (VO = 2,1)	0.40		
2.50	ES 3					
3.50	ES 4			(4.60)		
4.50	ES 5					
Depth	Type	Notes	EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4831/03/2015 14:57:49			Project Coedarcy Sitewide Trial Pitting Project O Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Logged JH Checked AP		Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C 187 (Deg)		Ground Level Coordinates Stational Chainage		
Samples and Tests			Strata					
Depth	Type	Notes	Description			Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown slightly sandy slightly clayey fine to coarse, subangular to subrounded GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. (VO = 0,0)			0.50		
1.50	ES 2		2 (MADE GROUND) Black sandy fine to coarse, subangular to subrounded GRAVEL of clinker and slag. One boulder of rounded sandstone. Sand is fine to coarse of ash. (VO = 0,0)			0.50		
2.50	ES 3							
3.50	ES 4							
4.50	ES 5							
Stratum continues to 5.20 m								
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Stable Shoring None Weather Dry		
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 Coedarcy Sitewide Trial Pitting Carried out for Stodwen Developments Limited			Trial Pit Sheet 1 of 2		

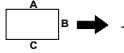
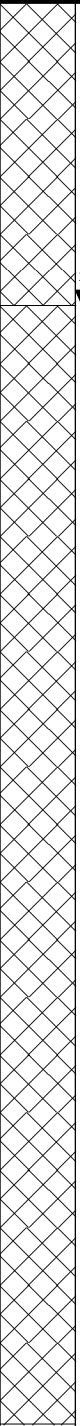
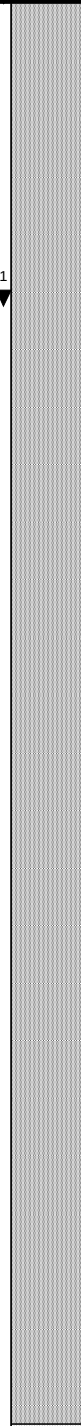


Logged JH Checked AP		Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C ➔ 187 (Deg)		Ground Level Coordinates Stationary Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
			2 (MADE GROUND) Black sandy fine to coarse, subangular to subrounded GRAVEL of clinker and slag. One boulder of rounded sandstone. Sand is fine to coarse of ash. (VO = 0,0) EXPLORATORY HOLE ENDS AT 5.20 m	5.20			
Depth	Type	Records					
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Dry		
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) ESG www.esg.co.uk 426.4831/03/2015 14:57:55 AGS			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 2 of 2		

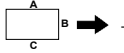
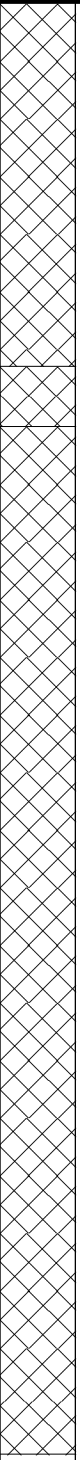
Logged JH Checked AP		Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C 100 (Deg)		Ground Level Coordinates Stational Chainage		
Samples and Tests			Strata					
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments		
0.50	ES 1		1 (MADE GROUND) Dark brownish grey slightly sandy clayey, fine to coarse subangular to subrounded GRAVEL with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and brick. (VO = 2,0)	0.40				
1.50	ES 2		2 (MADE GROUND) Black slightly sandy fine to coarse, subangular to subrounded GRAVEL of sandstone and clinker with low cobble content. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone and brick.					
2.50	ES 3							
3.50	ES 4							
4.50	ES 5							
Depth	Type	Remarks	Stratum continues to 5.20 m					
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4831/03/2015 14:57:59 AGS			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited			Trial Pit Sheet 1 of 2		

Logged JH Checked AP		Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C 100 (Deg)		Ground Level Coordinates Stationary Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
			2 (MADE GROUND) Black slightly sandy fine to coarse, subangular to subrounded GRAVEL of sandstone and clinker with low cobble content. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone and brick. EXPLORATORY HOLE ENDS AT 5.20 m	5.20		
Depth	Type	Records				
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4831/03/2015 14:58:00			Project Coedarcy Sitewide Trial Pitting Carried out for Stodwen Developments Limited		Trial Pit Sheet 2 of 2	

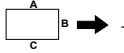
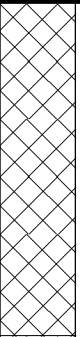
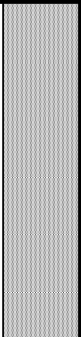
Trial Pit Log

Logged AW Checked AP		Start 04/11/2014 End 04/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.7m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level - Coordinates - Stational - Chainage -	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular occasionally tabular of sandstone and occasional brick. (VO = 2,2)	(1.00)			
1.50	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. (VO = 2,2)	1.00			
2.50	ES 3			(3.70)			
4.00	ES 4			4.70			
			EXPLORATORY HOLE ENDS AT 4.70 m				
Depth	Type	Notes					
Groundwater Entries 1.00 Seepage			Depth Related Remarks From to m		Stability Unstable Shoring None Weather Sunny		
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 Co-ordinator: Sitewide Trial Pitting Project Officer: Carried out for: Stodwen Developments Limited		Trial Pit  Sheet 1 of 1		

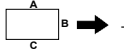
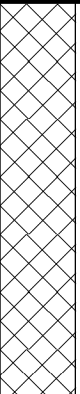
Trial Pit Log

Logged AW Checked AP		Start 04/11/2014 End 04/11/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 4.8m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level 0.00 mOD Coordinates E 0.00 Stational - Chainage -	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular occasionally tabular of sandstone and occasional brick. (VO = 1,1)	(1.20)			
			2 (MADE GROUND) RED BRICK.	1.20 -1.20			
2.00	ES 2		3 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. Occasional wood fragments. (VO = 1,1)	1.40 -1.40			
3.00	ES 3			(3.40)			
4.00	ES 4						
			EXPLORATORY HOLE ENDS AT 4.80 m	4.80 -4.80			
Depth	Type	Notes					
Groundwater Entries No Structure Observed Strife Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny		
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 Co-ordinator: Sitewide Trial Pitting Project Officer: Carried out for: Stodwen Developments Limited		Trial Pit  Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 04/11/2014 End 04/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level - Coordinates - Stational - Chainage -		
Samples and Tests			Strata					
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments		
0.50	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 1,1)	(1.10)				
1.50	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. (VO = 1,1)	1.10				
3.00	ES 3			(3.90)				
4.00	ES 4							
			EXPLORATORY HOLE ENDS AT 5.00 m					
Groundwater Entries No Structure Observed Strife Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny			
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 Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit  Sheet 1 of 1			

Trial Pit Log

Logged AW Checked AP		Start 04/11/2014 End 04/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.8m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level - Coordinates - Stational Grid - Chainage -	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 1,1)	(1.30)			
2.00	ES 2		EXPLORATORY HOLE ENDS AT 4.80 m	1.30			
3.00	ES 3						
4.00	ES 4						
Depth	Type	Notes					
Groundwater Entries o Structure o Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny		
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 Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit  Sheet 1 of 1		

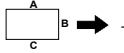
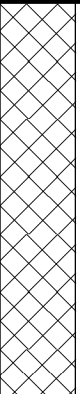
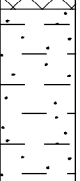
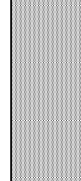
Trial it Log



Logged AW Checked AP	Start 04/11/2014 End 04/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.7m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates Stational Chainage
Samples and Tests		Strata		
Depth	Type	Notes Records	Description	Depth Level Thickness Legend Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Dark greyish brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. (VO = 1,1)	(1.60)
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. Occasional boulder sized pockets of firm grey moderately stained black slightly sandy clay. (VO = 1,1)	1.60
3.00	ES 3			(3.10)
4.00	ES 4			
			EXPLORATORY HOLE ENDS AT 4.70 m	4.70
Depth	Type	Notes Records		
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)		Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny
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 Co-Ordinacy Project Co-Ordinacy Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1



Trial Pit Log

Logged AW Checked AP		Start 05/11/2014 End 05/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level - Coordinates - Stational Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 2,2)	(1.30)		
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. Occasional wood fragments. (VO = 1,1)	1.30		
3.00	ES 3			(3.10)		
4.00	ES 4			4.40		
			3 Soft to firm grey mottled orange frequently stained black sandy CLAY. Sand is fine. (VO = 4,3)	(0.60)		
Depth	Type	Notes	EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries No Structure Observed Strife Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny	
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 Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit  Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP	Start 05/11/2014 End 05/11/2014	Equipment Methods and Remarks Komatsu PC210 machine excavated trial pit from GL to 3.8m Terminated due to ingress of water and product.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 2,1)	(1.60)		
2.00	ES 2		2 (MADE GROUND) RED BRICK BASE. 3 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, slag and brick. Sand is fine to coarse of ash. (VO = 1,1)	1.60 1.80 (0.60)		
3.00	ES 3		4 (MADE GROUND) Greyish dark brown moderately stained black sandy slightly clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional clinker with low cobble content. Sand is fine to coarse occasionally of ash. Cobbles are subangular to subrounded of sandstone. (VO = 3,5)	2.40 (1.40)		
			EXPLORATORY HOLE ENDS AT 3.80 m	3.80		
Depth	Type	Notes				
Groundwater Entries Soil Structure 1 3.50 Seepage, heavy flow, mixing water hydrocarbon product leaving a black sheen and strong odour.			Depth Related Remarks From to m	Stability Stable Shoring none Weather Sunny		
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) ESG www.esg.co.uk 426.4809/01/2015 15:16:40			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 05/11/2014 End 05/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.4m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage		
Samples and Tests			Strata					
Depth	Type	Notes	Description	Depth	Level	Legend	Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 1,1)	1.60				
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)	3.40				
3.00	ES 3		3 (MADE GROUND) Soft to firm grey frequently stained black slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Sand is fine occasionally of ash. (VO = 4,4)	4.40				
			EXPLORATORY HOLE ENDS AT 4.40 m					
Depth	Type	Notes						
Groundwater Entries 1 4.00 Seepage, heavy flow, water is stained black with hydrocarbons and has a strong odour.			Depth Related Remarks From to m			Stability Stable Shoring None Weather Sunny		
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 Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited			Trial Pit Sheet 1 of 1		

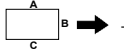


Trial it Log



Logged AW Checked AP		Start 05/11/2014 End 05/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.8m Terminated due to collapse.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments		
1.00	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick and clinker with medium cobble content. Sand is fine to coarse occasionally of ash. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional wood fragments and roots. (VO = 3,2)	(2.00)				
2.00	ES 2		2 (MADE GROUND) Soft to firm grey mottled orange frequently stained black gravelly sandy CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick and clinker. Sand is fine to medium occasionally of ash. (VO = 4,4)	2.00				
3.00	ES 3			(1.80)				
			EXPLORATORY HOLE ENDS AT 3.80 m	3.80				
Depth	Type	Notes						
Groundwater Entries Soil Structure 1 3.50 Fast flowing seepage, mixing with hydrocarbons caused a black staining and strong odour.			Depth Related Remarks From to m			Stability Unstable Shoring None Weather Sunny		
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. (c) ESG www.esg.co.uk 426.4908/01/2015 16:06:53			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited			Trial Pit Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 05/11/2014 End 05/11/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 4.4m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level - Coordinates - Stational Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with low cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. Frequent wood fragments. (VO = 1,1)	0.30		
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. Occasional boulder sized pockets of soft yellow moderately stained black clay. (VO = 2,2)	(3.00)		
3.00	ES 3					
4.00	ES 4		3 Soft to firm yellow frequently stained black slightly sandy CLAY. Sand is fine. Free product visible. (VO = 5,5)	3.30		
			EXPLORATORY HOLE ENDS AT 4.40 m	4.40		
epth	Type	Records				
Groundwater Entries 1 4.10 Seepage, fast flowing heavily hydrocarbon stained, very strong odour.			Depth Related Remarks From to m	Stability Unstable Shoring None Weather Sunny		
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 Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit  Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 05/11/2014 End 05/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.6m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick and clinker with low cobble content. Sand is fine to coarse occasionally of ash. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 2,2)	(0.80)			
1.50	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. Occasional boulder sized pockets of soft yellow clay with a very strong chemical odour. (VO = 2,2)	0.80			
3.00	ES 3			(3.00)			
4.00	ES 4		3 Soft to firm yellow frequently stained black CLAY. (VO = 5,5)	3.80			
				(0.80)			
			EXPLORATORY HOLE ENDS AT 4.60 m	4.60			
Depth	Type	Notes					
Groundwater Entries Soil Structure 1 4.20 Seepage, fast flow, water has strong black hydrocarbon staining and strong odour.			Depth Related Remarks From to m		Stability Unstable		
					Shoring None		
					Weather Sunny		
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 Coedarcy Sitewide Trial Pitting Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		
Scale 1:25 (c) ESG www.esg.co.uk 426.4908/01/2015 16:06:55							

Trial Pit Log



Logged AW Checked AP		Start 10/11/2014 End 10/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.3m Terminated due to flooding.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with low cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. Moderate roots, rootlets and wood fragments. (VO = 1,1)	(0.70)			
1.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)	(0.80)			
2.00	ES 3		3 (MADE GROUND) Soft yellow CLAY with strong chemical odour. (VO = 2,4)	(0.70)			
3.50	ES 4		4 (MADE GROUND) Firm grey frequently stained black slightly gravelly slightly sandy CLAY. Gravel is subangular, fine to coarse of clinker and sandstone. Sand is fine to coarse moderately of ash. (VO = 5,4)	(2.10)			
			EXPLORATORY HOLE ENDS AT 4.30 m	4.30			
Depth	Type	Records					
Groundwater Entries No Structural Disturbance Behaviour 1 4.00 Heavy seepage, water is stained black with hydrocarbon and has a strong odour.			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy		
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. (c) ESG www.esg.co.uk 426.4815/01/2015 15:32:54 AGS			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP	Start 10/11/2014 End 10/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.3m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - - -	
Samples and Tests		Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with low cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. (VO = 2,1)	0.50		
1.50	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. Occasional boulder sized pockets of soft yellow CLAY with a strong chemical odour. (VO = 1,1) becoming (VO = 4,3) from 3.5m depth.			
2.50	ES 3			(3.80)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 4.30 m	4.30		
Depth	Type	Notes				
Groundwater Entries No Structural Strain Behaviour 1 4.20 Seepage, fast flow, staining black with hydrocarbons		Depth Related Remarks From to m strong odour.		Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4815/01/2015 15:32:58		Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 10/11/2014 End 10/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.3m Terminate due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C →		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with low cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. (VO = 2,1)	(0.70)			
1.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. (VO = 1,1)	0.70 (0.80)			
2.00	ES 3		3 (MADE GROUND) Purplish brown, fine to coarse SAND. (VO = 0,0)	1.50 (0.70)			
3.00	ES 3		4 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. (VO = 5,3)	2.20 (1.40)			
4.00	ES 4		5 Firm grey frequently stained black slightly sandy CLAY. Sand is fine. (VO = 5,4)	3.60 (0.70)			
			EXPLORATORY HOLE ENDS AT 4.30 m	4.30			
Depth	Type	Notes					
Groundwater Entries Structure / Soil Behaviour 1 4.10 Seepage, fast flow, stained black with hydrocarbons and strong odour.			Depth Related Remarks From to m			Stability Unstable	
						Shoring None	
						Weather 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.			Project Co-Ordinacy Sitewide Trial Pitting			Trial Pit	
(c) ESG www.esg.co.uk 426.4815/01/2015 15:33:01			Carried out for Stodwen Developments Limited			Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP	Start 10/11/2014 End 10/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.3m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C →	Ground Level Coordinates Stational Chainage	- - - -
Samples and Tests		Strata			
Depth	Type	Notes Records	Description	Depth Level / Thickness	Legend Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 2,1)	0.30 (0.30)	
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. Occasionaloulder sized pockets of soft yellow clay with a strong chemical odour. (VO = 1,1)	(3.00)	
3.00	ES 3				
4.00	ES 4		3 Firm grey frequently stained black slightly sandy CLAY. Sand is fine to coarse. (VO = 5,4)	3.30 (1.00)	
			EXPLORATORY HOLE ENDS AT 4.30 m	4.30	
Depth	Type	Records			
Groundwater Entries 1 4.00 Seepage, fast flowing, stained black with hydrocarbons, strong odour.		Depth Related Remarks From to m		Stability Stable Shoring None Weather 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.		Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	



Trial Pit Log



Logged AW Checked AP	Start 06/11/2014 End 06/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.7m Terminated due to collapse	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded occasionally tabular of sandstone and occasional brick. (VO = 2,2)	(0.30) 0.30		
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse. (VO = 2,2)	(2.40)		
			EXPLORATORY HOLE ENDS AT 2.70 m	2.70		
Depth	Type	Notes				
Groundwater Entries Soil Structure Soil Strain Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Unstable Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4815/01/2015 15:33:14			Project Co-Ordinacy Sitewide Trial Pitting Project Co-Ordinacy Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP	Start 06/11/2014 End 06/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. (VO = 2,2)	(0.40) 0.40		
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. Occasional roots, rootlets and wood fragments. Occasional boulder sized pockets of soft yellow clay with a strong chemical odour. (VO = 1,1)			
3.00	ES 3			(4.60)		
4.00	ES 4					
Depth	Type	Notes	EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4809/01/2015 15:16:47			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial it Log



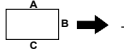
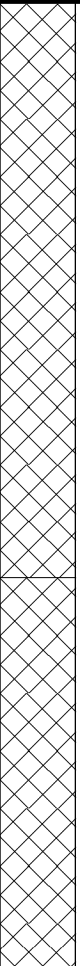
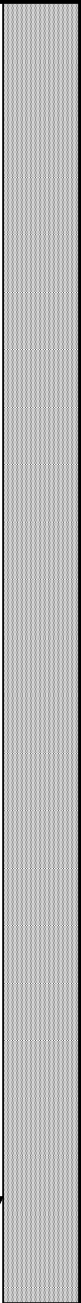
Logged AW Checked AP	Start 06/11/2014 End 06/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.9m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular occasionally tabular of sandstone and brick. (VO = 1,1)	(0.30) 0.30		
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 2,2)	(1.60) 1.90		
3.00	ES 3		3 (MADE GROUND) Soft to firm grey mottled orange frequently stained black slightly gravelly slightly sandy CLAY. Sand is fine to coarse moderately of ash. Gravel is subangular of clinker, sandstone and brick. Visible free product. (VO = 5,4)	(2.00) 3.90		
			EXPLORATORY HOLE ENDS AT 3.90 m			
Depth	Type	Notes				
Groundwater Entries No Structural Disturbance Behaviour 1 3.70 Seepage, fast flowing into pit. Water is heavily hydrocarbon stained black with strong odour.			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4809/01/2015 15:16:50			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial it Log

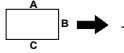
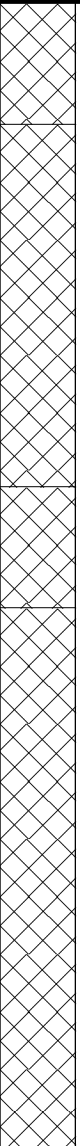
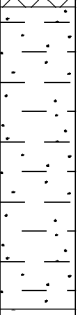


Logged AW Checked AP		Start 05/11/2014 End 05/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments	
1.00	ES 1		1 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. (VO = 1,2)	(1.70)			
2.00	ES 2		2 Soft yellow CLAY. Strong chemical odour. (VO = 0,5)	1.70 (0.40)			
3.00	ES 3		3 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. Occasional roots, rootlets and wood fragments. (VO = 1,1)	2.10 (1.70)			
4.00	ES 4		4 Soft to firm dark grey frequently stained black CLAY. Visible free product. (VO = 5,5)	3.80 (1.20)		1	
EXPLORATORY HOLE ENDS AT 5.00 m							
Groundwater Entries Structure 1 4.00 Seepage, slow flow, mixing with hydrocarbon giving it a black colour and a strong odour.			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny		
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) ESG www.esg.co.uk 426.4908/01/2015 16:07:00			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 05/11/2014 End 05/11/2014	Equipment Methods and Remarks Komatsu PC210 machine excavated trial pit from GL to 4.3m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level - Coordinates - Stational Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional wood fragments and roots. (VO = 2,2)	(1.90)		
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional brick, sandstone and slag. Sand is fine to coarse of ash. Occasional boulder sized pockets of soft yellow clay with a strong chemical odour. Occasional roots and wood fragments. (VO = 2,2)	1.90 (1.30)		
3.00	ES 3		3 Soft to firm dark grey mottled orange frequently stained black CLAY. (VO = 5,5)	3.20 (1.10)		
4.00	ES 4		EXPLORATORY HOLE ENDS AT 4.30 m	4.30		
Depth	Type	Notes				
Groundwater Entries 1 4.00 Seepage, heavy flow, strong hydrocarbon staining (black), very strong odour.			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny	
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 Coedarcy Sitewide Trial Pitting Conducted by Carried out for Stodwen Developments Limited		Trial Pit  Sheet 1 of 1	

Trial Pit Log

Logged AW Checked AP		Start 05/11/2014 End 05/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.8m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level - Coordinates - Stational - Chainage -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with low cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. Rare metal rebar. (VO = 3,2)	0.40		
			2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)	1.20		
2.00	ES 2		3 (MADE GROUND) Soft yellow CLAY. Strong chemical odour. (VO = 0,5)	1.60		
			4 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)	2.00		
3.00	ES 3			(1.80)		
			5 Soft to firm grey mottled orange frequently stained black sandy CLAY. Sand is fine. (VO = 4,4)	3.80		
4.00	ES 4			(1.00)		
				4.80		
			EXPLORATORY HOLE ENDS AT 4.80 m			
Depth	Type	Notes				
Groundwater Entries Structure, Soil, Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Sunny		
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 Co-ordinator: Site-wide Trial Pitting Project Officer: Carried out for: Stodwen Developments Limited	Trial Pit  Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP	Start 04/11/2014 End 04/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - - -	
Samples and Tests			Strata			
Depth	Type	Notes Records	Description	Depth Level/ Thickness	Legend	Backfill Instruments
1.00	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 2,2)	(1.10)		
2.00	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. Occasional wood fragments and roots.	1.10		
3.00	ES 3			(3.90)		
4.00	ES 4					
Depth	Type	Notes Date	EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries Soil Structure Soil Strain Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Stable Shoring None Weather Sunny
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. (c) ESG www.esg.co.uk 426.4830/01/2015 13:52:38 AGS			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited			Trial Pit Sheet 1 of 1

Trial Pit Log



Logged CB Checked AP		Start 16/02/2015 End 16/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage
Samples and Tests			Strata			
Depth	Type	Date Records	Description	Depth Level Thickness	Legend	Backfill Instruments
0.80	ES 1		1 (MADE GROUND) Soft dark brown slightly gravelly sandy CLAY with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone and brick. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone and brick. Occasional roots and rootlets. (VO = 0,0)	0.40		
2.00	ES 2		2 (MADE GROUND) Dark blue slightly sandy well angular to angular, fine to coarse GRAVEL of clinker, rare brick and sandstone with low cobble content. Sand is fine to coarse of ash. Cobbles are well angular to subrounded of clinker and brick. (VO = 0,0)	(4.40)		
3.00	ES 3					
4.80	ES 4		3 Firm light greenish brown frequently stained black	4.80		
Depth	Type	Date Records	Stratum continues to 5.20 m			
Groundwater Entries Structure Soil Strata Behaviour			Depth Related Remarks From to m		Stability Stable Shoring None Weather Dry	
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. (c) ESG www.esg.co.uk 426.4810/03/2015 12:24:48			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit Sheet 1 of 2	

Trial Pit Log



Logged CB Checked AP		Start 16/02/2015 End 16/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
			slightly gravelly slightly sandy CLAY. Gravel is well angular to subrounded, fine to coarse. Sand is fine to coarse. (VO = 3,4)	(0.40)			
			EXPLORATORY HOLE ENDS AT 5.20 m	5.20			
Depth	Type	Records					
Groundwater Entries Soil Structure Soil Behaviour			Depth Related Remarks From to m		Stability Stable Shoring None Weather Dry		
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. (c) ESG www.esg.co.uk 426.4810/03/2015 12:24:49 AGS			Project Co-Ordinacy Site-wide Trial Pitting Project Co-Ordinacy Carried out for Stoddons Developments Limited		Trial Pit 1 Sheet 2 of 2		

Trial Pit Log



Logged CB Checked AP		Start 16/02/2015 End 16/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments	
			1 (MADE GROUND) Soft dark brown slightly gravelly sandy CLAY. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone and brick. Occasional roots and rootlets. (VO = 0,0)	(0.50)			
0.80	ES 1		2 (MADE GROUND) Dark blue slightly sandy well angular to fine to coarse, fine to coarse GRAVEL of clinker, rare brick and sandstone with low cobble content. Sand is fine to coarse of ash. Cobbles are well angular to subrounded of clinker and brick. Rare metal pipe fragments (100mm diameter) and wood planks (80mm thickness). (VO = 0,0)	0.50			
2.00	ES 2						
3.00	ES 3			(4.30)			
4.80	ES 4		3 Firm light greenish brown frequently stained black	4.80			
Depth	Type	Notes	Stratum continues to 5.20 m				
Groundwater Entries Soil Structure Soil Behaviour			Depth Related Remarks From to m		Stability Stable Shoring None Weather Dry		
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. (c) ESG www.esg.co.uk 426.4810/03/2015 12:24:53			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit Sheet 1 of 2		

Trial Pit Log

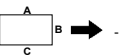


Logged CB Checked AP		Start 16/02/2015 End 16/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
			slightly gravelly slightly sandy CLAY. Gravel is well angular to subrounded, fine to coarse. Sand is fine to coarse. (VO = 3,4)	(0.40)			
			EXPLORATORY HOLE ENDS AT 5.20 m	5.20			
Depth	Type	Records					
Groundwater Entries Soil Structure Soil Behaviour			Depth Related Remarks From to m		Stability Stable Shoring None Weather Dry		
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. (c) ESG www.esg.co.uk 426.4810/03/2015 12:24:53 AGS			Project Co-Ordinacy Sitewide Trial Pitting Project Co-Ordinacy Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 2 of 2		

Trial it Log



Logged CB Checked AP		Start 16/02/2015 End 16/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
0.10	ES 1		1 (MADE GROUND) Soft dark brown slightly gravelly sandy CLAY with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone and brick. Sand is fine to coarse. Cobbles are well angular to subrounded of sandstone and brick. Occasional roots and rootlets. (VO = 0,0)	0.10			
0.80	ES 1		2 (MADE GROUND) Dark blue slightly sandy well angular to angular, fine to coarse GRAVEL of clinker, rare brick and sandstone with low cobble content. Sand is fine to coarse of ash. Cobbles are well angular to subrounded of clinker and brick. (VO = 0,0)	(3.40)			
2.00	ES 2						
3.00	ES 3						
4.00	ES 4		3 Firm multi-coloured light greenish brown and light orange frequently stained black slightly gravelly slightly sandy CLAY. Gravel is well angular to subrounded of sandstone. Sand is fine to coarse. (VO = 3,4)	3.50			
				(1.70)			
Depth	Type	Notes	Stratum continues to 5.20 m				
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Stable Shoring None Weather Dry	
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) ESG www.esg.co.uk 426.4810/03/2015 12:24:57			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited			Trial Pit Sheet 1 of 2	

Logged CB Checked AP	Start 16/02/2015 End 16/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level - Coordinates - Stational Grid - Chainage -
Samples and Tests			Strata	
Depth	Type	Date Records	Description	Depth Level / Thickness Legend Backfill Instruments
			3 Firm multi-coloured light greenish brown and light orange frequently stained black slightly gravelly slightly sandy CLAY. Gravel is well angular to subrounded of sandstone. Sand is fine to coarse. (VO = 3.4) EXPLORATORY HOLE ENDS AT 5.20 m	5.20
Depth	Type	Date Records		
Groundwater Entries Soil Structure Soil Strain Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Dry
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) ESG www.esg.co.uk 426.4810/03/2015 12:24:58 			Project Coedarcy Sitewide Trial Pitting Project Soils Carried out for Stodwen Developments Limited	Trial Pit Sheet 2 of 2

Trial it Log



Logged CB Checked AP		Start 16/02/2015 End 16/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments	
0.80	ES 1		1 (MADE GROUND) Soft dark brown slightly gravelly sandy CLAY with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone and brick. Sand is fine to coarse. Cobbles are well angular to subrounded of sandstone and brick. Rare roots and rootlets. (VO = 0,0)	0.20			
2.00	ES 2		2 (MADE GROUND) Dark blue slightly sandy well angular to angular, fine to coarse GRAVEL of clinker, rare brick and sandstone with low cobble content. Sand is fine to coarse of ash. Cobbles are well angular to angular of clinker, slag and occasional brick. Occasional roots and rootlets. Rare metal cables (30mm diameter). (VO = 0,0)	(3.30)			
3.00	ES 3						
4.00	ES 4		3 Firm light greenish brown and light orange frequently stained black slightly sandy CLAY. Sand is fine to coarse. Single boulder sized pocket of clay. (VO = 3,4)	3.50			
				(1.70)			
Depth	Type	Remarks	Stratum continues to 5.20 m				
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Dry		
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) ESG www.esg.co.uk 426.4810/03/2015 12:25:02			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 2		

Trial Pit Log



Logged CB Checked AP		Start 16/02/2015 End 16/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stationary Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
			3 Firm light greenish brown and light orange frequently stained black slightly sandy CLAY. Sand is fine to coarse. Single boulder sized pocket of clay. (VO = 3,4) EXPLORATORY HOLE ENDS AT 5.20 m	5.20			
Depth	Type	Records					
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Dry		
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) ESG www.esg.co.uk 426.4810/03/2015 12:25:03 AGS			Project Coedarcy Sitewide Trial Pitting Conducted by Stodwen Developments Limited		Trial Pit 1 Sheet 2 of 2		

Trial Pit Log



Logged JAF Checked AP		Start 24/07/2014 End 24/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.60m Terminated on bedrock	Dimensions and Orientation Width 1.55 m Length 4.00 m A B C →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments		
		*	1 (MADE GROUND) Brown silty subangular to subrounded, fine to coarse GRAVEL of sandstone, brick and concrete. Frequent metal pipes and masonry. (VO = 4,4)	(1.00)				
			2 (MADE GROUND) Black clayey subangular to subrounded, fine to coarse GRAVEL of sandstone, brick, ash, clinker and coal waste with medium cobble and boulder content. Cobbles are subangular to subrounded tabular of sandstone. Boulders are subangular to subrounded of sandstone. Rare pockets of clay. (VO = 2,2)	1.00				
			2.50-4.60 m Strong odour of methane.	(3.60)				
			EXPLORATORY HOLE ENDS AT 4.60 m	4.60				
Depth	Type	Notes						
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 4.60 No samples obtained.			Stability Stable Shoring None Weather Dry		
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) ESG www.esg.co.uk 426.4908/02/2015 14:01:16 AGS			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited			Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged JAF Checked AP		Start 24/07/2014 End 24/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated on bedrock	Dimensions and Orientation Width 1.40 m Length 2.40 m 		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments		
		*	1 (MADE GROUND) Brown silty subangular to subrounded, fine to coarse GRAVEL of sandstone, brick, metal, crushed concrete and concrete. (VO = 4,4)	(1.00)				
			2 (MADE GROUND) Black and orangish brown clayey subangular to subrounded, fine to coarse GRAVEL of sandstone, brick, wood, ash, clinker and coal waste. Rare boulders of reworked grey clay. Frequent metal fragments. (VO = 3,3)	1.00				
				(4.00)				
			EXPLORATORY HOLE ENDS AT 5.00 m					
Groundwater Entries No Structure 1 4.70 Steady ingress of water			Depth Related Remarks From to m 0.00 5.00 No samples obtained.			Stability Unstable Shoring None Weather Dry		
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) ESG www.esg.co.uk 426.4908/02/2015 14:01:19			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged JAF Checked AP		Start 24/07/2014 End 24/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.60m Terminated on bedrock	Dimensions and Orientation Width 1.55 m Length 4.00 m A B C		Ground Level Coordinates National Grid Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
		*	1 (MADE GROUND) Grey brown silty subangular to subrounded, fine to coarse GRAVEL of sandstone, brick, sleepers, concrete posts, concrete and coal waste. (VO = 2,2)	(1.00)		
			2 (MADE GROUND) Orangish brown clayey subangular to subrounded fine to coarse GRAVEL of sandstone, brick and concrete. (VO = 1,1)	1.00		
			1.50 m Locally paper, wood and metal fragments.	(1.00)		
			3 (MADE GROUND) Greyish brown occasionally tar impacted silty subangular to subrounded fine to coarse GRAVEL of sandstone with high cobble content. Cobbles are subrounded of sandstone. (VO = 4,3)	2.00		
				(2.60)		
			EXPLORATORY HOLE ENDS AT 4.60 m	4.60		
Depth	Type	Notes				
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 4.60 No samples obtained.		Stability Unstable Shoring None Weather Dry	
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) ESG www.esg.co.uk 426.4908/02/2015 14:01:22 AGS			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial Pit Log



Logged JAF Checked AP		Start 24/07/2014 End 24/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Terminated on bedrock	Dimensions and Orientation Width 1.55 m Length 4.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
		*	1 (MADE GROUND) Brown silty subangular to subrounded, fine to coarse GRAVEL of sandstone, brick and concrete. (VO = 4,4)	(0.70)			
			2 (MADE GROUND) Black clayey subangular to subrounded, fine to coarse GRAVEL of sandstone, brick, clinker and coal waste with low cobble and boulder content. Cobbles and boulders are subangular to subrounded of sandstone. Frequent wood and metal fragments (VO = 1,2)	0.70			
				(3.80)			
				4.00 m Strong odour of methane.			
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50 m Bedrock			
Depth	Type	Notes					
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 4.50 No samples obtained.			Stability Unstable Shoring None Weather Dry	
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) ESG www.esg.co.uk 426.4908/02/2015 14:01:26 AGS			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1	

Trial Pit Log



Logged JAF Checked AP		Start 24/07/2014 End 24/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.30m Terminated on bedrock	Dimensions and Orientation Width 1.55 m Length 4.00 m A B C →		Ground Level - Coordinates - Stational Grid - Chainage -
Samples and Tests			Strata			
Depth	Type	Notes Records	Description	Depth Level/ Thickness	Legend	Backfill Instruments
		*	1 (MADE GROUND) Black clayey subangular to subrounded, fine to coarse GRAVEL of sandstone, brick, concrete, ash, clinker and coal waste. (VO = 4,4)	(4.30)		
			EXPLORATORY HOLE ENDS AT 4.30 m	4.30		
Depth	Type	Records ate				
Groundwater Entries Soil Structure Soil Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 4.30 No samples obtained.		Stability Unstable Shoring None Weather Dry	
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. (c) ESG www.esg.co.uk 426.4908/02/2015 14:01:29 AGS			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial it Log

Logged JAF Checked AP		Start 23/07/2014 End 23/07/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.70m Terminated due to instability		Dimensions and Orientation Width 1.55 m Length 4.00 m A B C ➔		Ground Level Coordinates National Grid Chainage		- - -	
Samples and Tests				Strata							
Depth		Type	Date	Description				Depth / Level Thickness		Legend	Back fill Instruments
0.50		ES 1		2 (MADE GROUND) Greyish brown slightly clayey silty subangular to subrounded fine to coarse GRAVEL of sandstone and coal waste. (VO = 3,3)				(1.70)			
1.50		ES 2									
2.50		ES 3									
				EXPLORATORY HOLE ENDS AT 2.70 m				2.70			
Depth		Type	Date	Records							
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)				Depth Related Remarks From to m				Stability Unstable Shoring None Weather Dry			
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) ESG www.esg.co.uk 426.4802/02/2015 16:11:16 				Project Coedarcy Sitewide Trial Pitting Project O Carried out for Stodwen Developments Limited				Trial Pit Sheet 1 of 1			

Trial Pit Log



Logged CB Checked AP		Start 17/02/2015 End 17/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C →		Ground Level Coordinates Stational Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Soft dark brown slightly gravelly sandy CLAY with low cobble content. Gravel is well angular to rounded, fine to coarse of sandstone concrete and brick. Sand is fine to coarse. Cobbles are well angular to subrounded of sandstone, concrete and brick. Frequent roots and rootlets. (VO = 0,0)	0.20	1		
2.00	ES 2		2 (MADE GROUND) Dark bluish brown slightly sandy well angular to angular, fine to coarse GRAVEL of clinker and sandstone with low cobble content. Sand is fine to coarse of ash. Cobbles are well angular to subrounded of clinker, sandstone and slag. Rare pockets of light blue and brown clay. (VO = 0,0)				
3.50	ES 3			(5.00)			
Depth	Type	Notes	Stratum continues to 5.20 m				
Groundwater Entries No Structure 1 0.70 Minor flow from N face.			Depth Related Remarks From to m			Stability Stable Shoring None Weather Sunny	
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) ESG www.esg.co.uk 426.4810/03/2015 15:54:00			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited			Trial Pit Sheet 1 of 2	

Trial Pit Log



Logged CB Checked AP		Start 17/02/2015 End 17/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
			2 (MADE GROUND) Dark bluish brown slightly sandy well angular to angular, fine to coarse GRAVEL of clinker and sandstone with low cobble content. Sand is fine to coarse of ash. Cobbles are well angular to subrounded of clinker, sandstone and slag. Rare pockets of light blue and brown clay. (VO = 0,0) EXPLORATORY HOLE ENDS AT 5.20 m	5.20			
Depth	Type	Records					
Groundwater Entries Soil Structure Behaviour			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny		
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. (c) ESG www.esg.co.uk 426.4810/03/2015 15:54:00 AGS			Project Co-Ordination Site-wide Trial Pitting Project Co-Ordination Carried out for Stodwen Developments Limited		Trial Pit Sheet 2 of 2		

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Trial Pit Log



Logged JAF Checked AP	Start 13/08/2014 End 13/08/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.50m. Unable to progress beyond 2.50m.	Dimensions and Orientation Width 1.55 m Length 3.80 m 	Ground Level Coordinates National Grid Chainage
Samples and Tests		Strata		
Depth	Type	Date Records	Description	Depth Level Thickness Legend Backfill Instruments
0.20	ES 1		1 (MADE GROUND) Black and brown sandy silty subangular to subrounded fine to coarse GRAVEL of sandstone and brick. Sand is fine to coarse of ash. Frequent metal pipes. Frequent roots and wood fragments. (VO = 0,0)	(0.30)
0.80	ES 2		2 Orangish brown gravelly organic CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (VO = 1,1)	(1.20)
1.80	ES 3		3 Greyish brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone. Distinct hydrocarbon staining. (VO = 2,2)	(1.00)
			EXPLORATORY HOLE ENDS AT 2.50 m	2.50
Depth	Type	Date Records		
Groundwater Entries Soil Structure Soil Striation Behaviour None observed (see Key Sheet)		Depth Related Remarks From to m		Stability Stable Shoring None Weather Dry
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) ESG www.esg.co.uk 426.4805/03/2015 15:45:44		Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1

Trial Pit Log



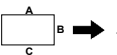
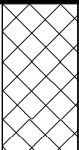
Logged JAF Checked AP	Start 14/08/2014 End 14/08/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.70m Terminated on hard strata.	Dimensions and Orientation Width 1.55 m Length 4.00 m A B C	Ground Level Coordinates National Grid Chainage	- - - -	
Samples and Tests			Strata			
Depth	Type	Notes Records	Description	Depth Level Thickness	Legend	Bore fill Instruments
0.50	ES 1		1 Orangish brown silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 0,0)	(0.60)		
0.90	ES 2		2 Grey orangish brown sandy subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 0,0)	(0.50)		
1.90	ES 3		3 Greyish brown slightly sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 0,0)	(1.60)		
			2.00-2.70 m Low cobble content. Cobbles are subrounded of sandstone.			
			EXPLORATORY HOLE ENDS AT 2.70 m	2.70		
Depth	Type	Notes Records				
Groundwater Entries Soil Structure Soil Striation Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Unstable Shoring None Weather Overcast	
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) ESG www.esg.co.uk 426.4819/02/2015 13:35:27 AGS			Project Coedarcy Sitewide Trial Pitting Project O Carried out for Stodwen Developments Limited		Trial Pit I Sheet 1 of 1	

Trial Pit Log



Logged NK Checked AP	Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.8m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 2.50 m A B C	Ground Level Coordinates National Grid Chainage	- - - -	
Samples and Tests		Strata				
Depth	Type	Notes Remarks	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Light brown slightly silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. Occasional gravel sized pockets of orange medium sand. Rare rootlets. (VO = 1,0)	(0.80)		
			EXPLORATORY HOLE ENDS AT 0.80 m	0.80		
			0.80 m Bedrock			
Depth	Type	Remarks				
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy		
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. (c) ESG www.esg.co.uk 426.4809/01/2015 15:14:28			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

Trial it Log

Logged NK Checked AP		Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 2.00 m 		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
		*	1 (MADE GROUND) Dark brown slightly sandy GRAVEL with high cobble content. Sand is coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded, tabular fine to coarse of sandstone and brick. (VO = 0,0) EXPLORATORY HOLE ENDS AT 0.50 m	(0.50) 0.50			
Depth	Type	Notes					
Groundwater Entries Structure, Soil Strata Behaviour			Depth Related Remarks From to m 0.00 No Samples Obtained.		Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4807/01/2015 16:05:02 			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.4m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 2.50 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
0.20	ES 1		1 (MADE GROUND) Dark brown slightly silty gravelly fine to coarse SAND with high cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, tabular fine to coarse of sandstone and brick. (VO = 1,0) EXPLORATORY HOLE ENDS AT 0.40 m	(0.40) 0.40			
Depth	Type	Remarks					
Groundwater Entries Soil Structure Soil Strain Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4807/01/2015 16:05:05			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit I Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage	- - - -
Samples and Tests			Strata				
Depth	Type	Date	Description	Depth Level/Thickness	Legend	Bac fill Instruments	
0.50	ES 1		1 Greyish brown sandy clayey subangular, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular occasionally tabular of sandstone. (VO = 0,0)	(0.50) 0.50			
			EXPLORATORY HOLE ENDS AT 0.50 m	0.50 m Bedrock			
Depth	Type	Date					
Groundwater Entries Structure Soil Striae Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4807/01/2015 16:05:07			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
		*	1 Greyish brown sandy clayey subangular, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular tabular of sandstone. (VO = 1.1) 0.30 m Bedrock EXPLORATORY HOLE ENDS AT 0.30 m	(0.30) 0.30			
Depth	Type	Notes					
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained		Stability Stable Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4807/01/2015 16:05:10			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata					
Depth	Type	Notes	Description			Depth Level / Thickness	Legend	Backfill Instruments
		*	1 Greyish dark brown occasionally stained black sandy clayey subangular, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular tabular of sandstone. (VO = 1,1) 0.30 m Bedrock. EXPLORATORY HOLE ENDS AT 0.30 m			(0.30) 0.30		
Depth	Type	Remarks						
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained			Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4809/01/2015 15:14:35			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP	Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Borefill Instruments
0.50	ES 1		1 Firm to stiff grey frequently stained black gravelly sandy CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to medium. Cobbles are subangular of sandstone. (VO = 5,3)	(0.60)		
1.50	ES 2		2 Orangish brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 1,1)	0.60 (1.20)		
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80		
			1.80 m Bedrock			
Depth	Type	Notes				
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4807/01/2015 16:05:13 AGS			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP	Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 3.00 m 	Ground Level Coordinates National Grid Chainage
Samples and Tests		Strata		
Depth	Type	Date Records	Description	Depth Level/Thickness Legend Backfill Instruments
0.50	ES 1		1 Firm blackish brown slightly sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded occasionally tabular of sandstone. Occasional gravel and cobble sized pockets of black and grey clay. (VO = 4,3)	(1.40)
1.50	ES 2		2 Light brown gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. Occasional gravel sized pockets of orange medium sand. (VO = 1,1)	1.40 (0.40)
			1.80 m Bedrock.	1.80
			EXPLORATORY HOLE ENDS AT 1.80 m	
Depth	Type	Date Records		
Groundwater Entries Structure Soil Strain Behaviour		Depth Related Remarks From to m		Stability Stable Shoring None Weather 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.		Project Co-Ord. Arcy Sitewide Trial Pitting Project Co-Ord. for St. Odwen Developments Limited		Trial Pit 1 Sheet 1 of 1



Logged AW Checked AP	Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates Stational Grid Chainage		
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Back fill Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown moderately stained black sandy silty subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded moderately tabular of sandstone and occasional brick. (VO = 3,2)	(1.10)		
			EXPLORATORY HOLE ENDS AT 1.10 m	1.10		
Depth	Type	Records				
Groundwater Entries Soil Structure Soil Strain Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4809/01/2015 15:14:41 ESG			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	

Trial it Log



Logged AW Checked AP		Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
		*	1 Greyish brown sandy slightly clayey subangular, fine to coarse GRAVEL of sandstone with high cobble content. Sand is fine to coarse. Cobbles are subangular tabular of sandstone. (VO = 1.1) 0.30 m Bedrock EXPLORATORY HOLE ENDS AT 0.30 m	(0.30) 0.30			
Depth	Type	Notes					
Groundwater Entries Soil Structure and Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained		Stability Stable Shoring None Weather Cloudy		
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. (c) ESG www.esg.co.uk 426.4807/01/2015 16:05:28			Project Co-ordination Site-wide Trial Pitting Project Co-ordination Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Trial Pit Log

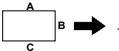


Logged AW Checked AP		Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type	Notes	Description			Depth Level / Thickness	Legend	Borehole Instruments
		*	1 (MADE GROUND) Greyish brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with high cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded tabular of sandstone. (VO = 2,1) 0.30 m Bedrock EXPLORATORY HOLE ENDS AT 0.30 m			(0.30) 0.30		
Depth	Type	Notes						
Groundwater Entries Soil Structure and Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained.			Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4807/01/2015 16:05:31			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C →		Ground Level Coordinates Stational Chainage	- - - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
0.50	ES-1		1 (MADE GROUND) Soft to firm dark brown moderately stained black gravelly slightly sandy SILT with low cobble content. Gravel is angular to well rounded, fine to coarse of mixed lithologies including sandstone. Sand is fine to coarse. Cobbles are angular to well rounded of sandstone and occasional brick. (VO = 3,2) EXPLORATORY HOLE ENDS AT 0.50 m	0.50			
Depth	Type	Notes					
Groundwater Entries Soil Structure and Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4807/01/2015 16:05:34 AGS			Project Co-ordination Site-wide Trial Pitting Project Co-ordination Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Logged SP Checked AP	Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.25m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level Coordinates Stational ID Chainage		
Samples and Tests		Strata				
Depth	Type	Date Records	Description	Depth / Level / Thickness	Legend	Borefill Instruments
		*	1 Dark brown moderately stained black sandy gravelly SILT with low cobble content. Gravel is angular to well rounded, fine to coarse of sandstone. Cobbles are angular to well rounded of sandstone. (VO = 3,2) EXPLORATORY HOLE ENDS AT 0.25 m	0.25		
Depth	Type	Date Records				
Groundwater Entries No Structure Observed Strife Behaviour 1 0.10 Heavy flow			Depth Related Remarks From to m 0.00 No Samples Obtained		Stability Stable Shoring None Weather Cloudy	
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) ESG www.esg.co.uk 426.4830/01/2015 13:50:38 			Project Coedarcy Sitewide Trial Pitting Conducted by Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial it Log

Logged SP Checked AP		Start 25/11/2014 End 25/11/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 2.00 m AB C		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests				Strata						
Depth		Type	Date	Description				Depth / Level Thickness	Legend	Bathymetry Instruments
0.50		ES-1		1 Orangish brown clayey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded of sandstone. Cobbles are subangular to well rounded of sandstone. (VO = 1,1)				(0.50) 0.50		
				EXPLORARY HOLE ENDS AT 0.50 m				0.50 m Bedrock		
Depth		Type	Date							
Groundwater Entries Structure / Soil Behaviour None observed (see Key Sheet)				Depth Related Remarks From to m				Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4813/01/2015 15:10:51				Project Coedarcy Sitewide Trial Pitting Project Code Carried out for Stodwen Developments Limited				Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP	Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.8m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 1.50 m A B C	Ground Level Coordinates National Grid Chainage	- - - -
Samples and Tests		Strata			
Depth	Type	Date Records	Description	Depth Level Thickness	Legend Backfill Instruments
0.50	ES 1		1 Light brown gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. Occasional gravel sized pockets of orange medium sand. Rare rootlets. (VO = 0,0)	(0.80)	
			EXPLORATORY HOLE ENDS AT 0.80 m	0.80	
			0.80 m Bedrock		
Depth	Type	Date Records			
Groundwater Entries Soil Structure Soil Strain Behaviour			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy	
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. (c) ESG www.esg.co.uk 426.4807/01/2015 16:05:38			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1	

Trial it Log

Logged AW Checked AP	Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.9m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level Coordinates Stational Grid Chainage
Samples and Tests		Strata		
Depth	Type	Notes	Description	Depth Level / Thickness
0.50	ES 1		1 Dark brown occasionally stained black gravelly sandy CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 2,1)	(0.90)
			EXPLORATORY HOLE ENDS AT 0.90 m 0.90 m Bedrock.	0.90
Depth	Type	Notes		
Groundwater Entries Structure / Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy
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 Co-Ordination Site-wide Trial Pitting Project Co-Ordination Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1

Trial it Log

Logged AW Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.9m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A ┌───┐ │ │ B → - └───┘ C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Date	Description	Depth / Level Thickness	Legend	Batter Fill Instruments	
0.50	ES 1		1 Orangish brown gravelly slightly silty, fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Rare metal fragments. (VO = 1,1)	(0.90)			
			EXPLOATORY HOLE ENDS AT 0.90 m	0.90			
Depth	Type	Date					
Groundwater Entries Structure / Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4809/01/2015 15:14:47 			Project Coedarcy Sitewide Trial Pitting Project Osodwen Developments Limited Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.25m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type	Notes	Description			Depth Level / Thickness	Legend	Backfill Instruments
		*	1 (MADE GROUND) Dark brown sandy slightly clayey angular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone and occasional slag with low cobble content. Sand is fine to coarse. Cobbles are angular to well rounded of mixed lithologies including sandstone. (VO = 2,2) 0.25 m Bedrock. EXPLORATORY HOLE ENDS AT 0.25 m			0.25		
Depth	Type	Notes						
Groundwater Entries Soil Structure and Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained.			Stability Stable Shoring None Weather Light 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) ESG www.esg.co.uk 426.4809/01/2015 15:14:50			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.3m Terminated due to concrete base.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage		
Samples and Tests			Strata					
Depth	Type	Notes	Description			Depth Level / Thickness	Legend	Backfill Instruments
		*	1 Greyish dark brown slightly sandy subangular, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Occasional metal rebar. (VO = 1,1) 0.30 m Concrete. EXPLORATORY HOLE ENDS AT 0.30 m			(0.30) 0.30		
Depth	Type	Notes						
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained			Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4809/01/2015 15:14:52			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1		

Logged A/W Checked AP	Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates Stational Grid Chainage		
Samples and Tests			Strata			
Depth	Type No	Date Records	Description	Depth / Level Thickness	Legend	Back fill Instruments
0.50	ES 1		1 Orangish brown occasionally stained black gravelly slightly silty, fine to medium SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	(1.30)		

Trial it Log

Logged AW Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C ➔		Ground Level Coordinates Stational Grid Chainage	- - - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Orangish brown gravelly slightly silty, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded of sandstone and occasional brick, ceramic and concrete. Cobbles are subangular to subrounded of sandstone and occasional brick, ceramic and concrete. Occasional wood fragments and roots. (VO = 1,1)	(1.30)			
			EXPLORATORY HOLE ENDS AT 1.30 m	1.30			
Depth	Type	Notes					
Groundwater Entries Structure / Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4809/01/2015 15:14:58 			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Trial it Log

[illegible]

Logged SP Checked AP		Start 26/11/2014 End 26/11/2014	Equipment methods and Remarks Komatsu PC210 machine excavated trial pit from GL to 3.25m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.00 m A B C ➔		Ground Level Coordinates Stational Grid Chainage		- - -
Samples and Tests			Strata						
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments			
0.50	ES 1		1 Dark brown mottled grey sandy clayey angular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone with low cobble content. Sand is fine to coarse. Cobbles are angular to well rounded of sandstone. (VO = 1,1)	0.50					
1.50	ES 2		2 Dark brown clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded of sandstone. Cobbles are angular to well rounded of sandstone. (VO = 2,2)	(2.75)					
2.50	ES 3								
			EXPLORATORY HOLE ENDS AT 3.25 m	3.25					
Depth	Type	Notes							
Groundwater Entries No Structure Observed None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Stable Shoring None Weather Cloudy			
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) ESG www.esg.co.uk 426.4809/01/2015 15:15:10 			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited			Trial Pit Sheet 1 of 1			

Trial Pit Log



Logged SP Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.5m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 Dark brown clayey gravelly, fine to coarse SAND with low cobble content. Gravel is angular to well rounded, fine to coarse of sandstone. Cobbles are angular to well rounded of sandstone. (VO = 4,4)	(1.50)			
1.50	ES 2		EXPLORATORY HOLE ENDS AT 1.50 m	1.50			
Depth	Type	Notes					
Groundwater Entries No Structural Strata Behaviour 1 1.50 Water entered			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4809/01/2015 15:15:15			Project Coedarcy Sitewide Trial Pitting Project O Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Trial it Log



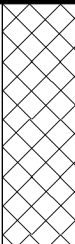
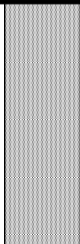
Logged SP Checked AP	Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Dark greyish brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is angular to well rounded, fine to coarse of mixed lithologies including sandstone and occasional brick. Cobbles are angular to well rounded of sandstone and occasional brick. (VO = 5,5)	0.50		
1.50	ES 2		2 (MADE GROUND) Light brown clayey slightly gravelly, fine to coarse SAND. Gravel is angular to well rounded, fine to coarse of sandstone and brick. (VO = 3,2)	(1.50)		
2.50	ES 3		3 Firm orangish brown mottled grey sandy gravelly SILT with low cobble content. Gravel is angular to well rounded, fine to coarse of sandstone. Cobbles are angular to well rounded of sandstone. (VO = 2,2)	2.00		
3.50	ES 4			(2.00)		
			EXPLORATORY HOLE ENDS AT 4.00 m	4.00		
			4.00 m Bedrock.			
Depth	Type	Notes				
Groundwater Entries Structure 1 4.00 Small ingress			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy	
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) ESG www.esg.co.uk 426.4809/01/2015 15:15:19			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	

Trial Pit Log

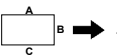


Logged AW Checked AP	Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates Stational Chainage	- - - -	
Samples and Tests		Strata				
Depth	Type	Notes Records	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Grey frequently stained black sandy slightly clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 4,3)	(0.70)		
1.00	ES 2		2 Orange slightly gravelly, fine to coarse SAND. Gravel is subangular, fine to coarse of sandstone. (VO = 1,1)	0.70 (0.40)		
			EXPLORATORY HOLE ENDS AT 1.10 m 1.10 m Bedrock	1.10		
Depth	Type	Records				
Groundwater Entries Structure / Soil Behaviour None observed (see Key Sheet)		Depth Related Remarks From to m			Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4825/01/2015 21:14:46		Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1	

Trial it Log

Logged AW Checked AP		Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.8m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C ➔		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Grey frequently stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded occasionally tabular of sandstone and occasional brick. (VO = 4,3)	(0.80)			
			EXPLORATORY HOLE ENDS AT 0.80 m	0.80			
Depth	Type	Notes					
Groundwater Entries Structure and Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4825/01/2015 21:14:48 			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Trial it Log

Logged NK Checked AP		Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.3m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 3.00 m 		Ground Level Coordinates National Grid Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Greyish black slightly silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 4,3)	(1.10)		
1.50	ES 2		2 Light brown gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. (VO = 2,1)	1.10 (2.20)		
2.50	ES 3					
			EXPLORATORY HOLE ENDS AT 3.30 m	3.30		
Depth	Type	Notes				
Groundwater Entries Structure, Soil, Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4813/01/2015 15:10:57 			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP	Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 3.00 m 	Ground Level Coordinates National Grid Chainage
Samples and Tests		Strata		
Depth	Type	Notes	Description	Depth Level / Thickness Legend Backfill Instruments
0.50	ES 1		1 Firm light brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Occasional gravel sized pockets of orange medium sand. (VO = 3,3)	(1.20)
1.50	ES 2		2 Greyish brown silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, occasionally tabular of sandstone. (VO = 2,2)	1.20 (1.00)
			EXPLORATORY HOLE ENDS AT 2.20 m	2.20
			2.20 m Bedrock	
Depth	Type	Notes		
Groundwater Entries Soil Structure Soil Strain Behaviour		Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny
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 Co-Ordination Project Co-Ordination Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1

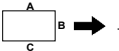


Trial Pit Log



Logged NK Checked AP	Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.3m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 3.00 m 	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes Records	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Firm brown mottled orange and black slightly gravelly CLAY. Gravel is subangular to subrounded, fine to medium of sandstone. (VO = 3,3)	(1.10)		
1.50	ES 2		2 Brown mottled black gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Frequent gravel sized pockets of orange medium sand. (VO = 3,3)	1.10 (1.20)		
			EXPLORATORY HOLE ENDS AT 2.30 m	2.30		
			2.30 m Bedrock			
Depth	Type	Notes Records				
Groundwater Entries Soil Structure Soil Strain Behaviour			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4809/01/2015 15:15:22 			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

Trial it Log

Logged NK Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.3m Terminated on bedrock.		Dimensions and Orientation Width 1.00 m Length 3.00 m 		Ground Level Coordinates Stational Grid Chainage	
Samples and Tests			Strata					
Depth	Type	Notes	Description			Depth Level/Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Blackish grey mottled light brown slightly silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. (VO = 4,3)			(2.30)		
1.50	ES 2							
			EXPLORATORY HOLE ENDS AT 2.30 m			2.30		
Depth	Type	Notes						
Groundwater Entries Structure, Soil, Behaviour			Depth Related Remarks From to m			Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4809/01/2015 15:15:25 			Project Coedarcy Site-wide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP	Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 3.50 m 	Ground Level Coordinates National Grid Chainage
Samples and Tests		Strata		
Depth	Type	Notes	Description	Depth Level / Thickness Legend Backfill Instruments
0.50	ES 1		1 Soft blackish brown sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. Frequent gravel and cobble sized pockets of stiff grey clay. (VO = 3,2)	(2.40)
1.50	ES 2			
2.50	ES 3		2 Light brown gravelly SAND with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. Occasional gravel sized pockets of orange medium sand. (VO = 1,1)	2.40 (1.00)
			EXPLORATORY HOLE ENDS AT 3.40 m	3.40 3.40 m Bedrock
Depth	Type	Notes		
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)		Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy
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 Co-Ordination Project Co-Ordination Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1



Trial Pit Log



Logged NK Checked AP	Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated due to pipe.	Dimensions and Orientation Width 1.00 m Length 3.00 m 	Ground Level Coordinates National Grid Chainage
Samples and Tests		Strata		
Depth	Type	Notes	Description	Depth Level/Thickness Legend Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Firm dark brown sandy gravelly CLAY with high cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone and brick. Frequent roots and rootlets. (VO = 3,2)	(1.30)
1.50	ES 2		2 Firm grey mottled light brown slightly sandy CLAY. Sand is fine. (VO = 3,2)	1.30 (0.70)
			EXPLORATORY HOLE ENDS AT 2.00 m 2.00 m Pipe (filled with oily water).	2.00
Depth	Type	Notes		
Groundwater Entries Soil Structure Soil Strain Behaviour		Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy
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 Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit I Sheet 1 of 1

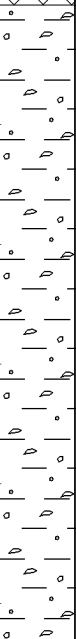
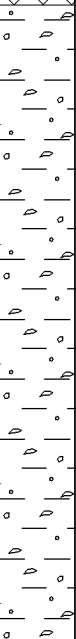


Trial Pit Log



Logged NK Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.1m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 Soft brown mottled black and light brown sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. Occasional gravel sized pockets of orange medium sand. (VO = 3,3)	(4.10)			
1.50	ES 2						
2.50	ES 3						
3.50	ES 4						
			EXPLORATORY HOLE ENDS AT 4.10 m	4.10			
Groundwater Entries Soil Structure Soil Strain Behaviour			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4809/01/2015 15:15:34			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Trial it Log

Logged NK Checked AP		Start 27/11/2014 End 27/11/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.1m Terminated on bedrock.		Dimensions and Orientation Width 1.00 m Length 4.00 m A B C ➔		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests				Strata						
Depth		Type	Notes	Description				Depth Level/Thickness	Legend	Backfill Instruments
0.50		ES 1		1 (MADE GROUND) Soft dark brown sandy gravelly SILT with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone and brick. (VO = 3,2)				(1.00)		
1.50		ES 2		2 Stiff grey mottled light brown slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 3,3)				1.00		
2.50		ES 3						(2.10)		
				EXPLORATORY HOLE ENDS AT 3.10 m				3.10		
Depth		Type	Notes							
Groundwater Entries Soil Structure Soil Strata Behaviour				Depth Related Remarks From to m				Stability Stable Shoring None Weather Sunny		
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) ESG www.esg.co.uk 426.4813/01/2015 15:11:22				Project Coedarcy Site-wide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited				Trial Pit 1 Sheet 1 of 1		

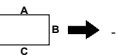
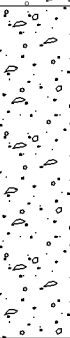
Trial it Log



Logged NK Checked AP	Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.4m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 3.50 m A B C	Ground Level Coordinates Stational Chainage	- - - -	
Samples and Tests		Strata				
Depth	Type	Date Records	Description	Depth Level/ Thickness	Legend	Bac fill Instruments
0.50	ES 1		1 Soft dark brown mottled light brown sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,3)	(2.00)		
1.50	ES 2					
2.50	ES 3		2 Light brown gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. (VO = 1,1)	2.00		
3.50	ES 4			(2.40)		
			EXPLORATORY HOLE ENDS AT 4.40 m	4.40		
			4.40 m Bedrock			
Depth	Type	Date Records				
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny	
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. (c) ESG www.esg.co.uk 426.4813/01/2015 15:11:25 AGS			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit I Sheet 1 of 1	

Logged A/W Checked A/P	Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.8m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates Stational Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth / Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Grey frequently stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded tabular of sandstone. (VO = 5,3)	(0.80)		
			EXPLORATORY HOLE ENDS AT 0.80 m	0.80		
Depth	Type	Notes				
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4807/01/2015 16.05.41 			Project Co-ordination Site-wide Trial Pitting Project Co-ordination Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial it Log

Logged NK Checked AP		Start 25/11/2014 End 25/11/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.		Dimensions and Orientation Width 1.00 m Length 2.50 m 		Ground Level Coordinates National Grid Chainage	
Samples and Tests				Strata					
Depth		Type	Date	Description			Depth / Thickness	Legend	Borehole Instruments
0.50		ES 1		1 Brown sandy gravelly SILT with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. Frequent gravel and cobble sized pockets of grey and black clay. (VO = 3,3)			(0.90)		
1.50		ES 2		2 Brown slightly silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. Occasional gravel sized pockets of grey clay. (VO = 3,3)			0.90 (1.10)		
				EXPLORATORY HOLE ENDS AT 2.00 m			2.00		
Depth		Type	Date						
Groundwater Entries Structure, Strata Behaviour				Depth Related Remarks From to m			Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4809/01/2015 15:15:36 				Project Coedarcy Sitewide Trial Pitting Project Code Carried out for Stodwen Developments Limited			Trial Pit Sheet 1 of 1		

Trial Pit Log

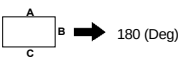


Logged DD Checked AP		Start 24/11/2014 End 24/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.5m Terminate on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 180 (Deg)		Ground Level Coordinates Stational Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Soft to firm greyish brown stained bluish grey slightly sandy gravelly CLAY with high cobble content and low boulder content. Gravel is subangular to subrounded fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular of sandstone and brick. (VO = 3,3)	(0.80)		
1.50	ES 2			0.80		
			2 Firm to stiff greyish brown slightly sandy gravelly CLAY with high cobble and low boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles are subangular to rounded of siltstone and sandstone. Boulders are subangular to subrounded of siltstone and sandstone. (VO = 1,0)	2.50		
			2.50 m Bedrock.			
			EXPLORATORY HOLE ENDS AT 2.50 m			
Depth	Type	Remarks				
Groundwater Entries Soil Structure 1 1.00 Seepage			Depth Related Remarks From to m	Stability Stable Shoring None Weather Fine		
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. (c) ESG www.esg.co.uk 426.4908/02/2015 14:01:09			Project Co-Ordinacy Sitewide Trial Pitting Project Co-Ordinacy Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

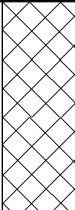
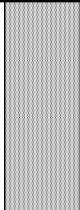
Trial it Log

Logged DD Checked AP		Start 24/11/2014 End 24/11/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.5m Terminated on bedrock.		Dimensions and Orientation Width - Length - A B C ➔		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests				Strata						
Depth		Type	Notes	Description				Depth Level Thickness	Legend	Backfill Instruments
0.50		ES 1		1 Firm locally stiff greyish brown slightly sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles are subangular to subrounded of siltstone and sandstone. (VO = 1,0) 0.50-0.60 m Black ash/clinker.. 1.50-2.50 m Sandy 2.00-2.50 m High cobble and medium boulder content. Cobbles and boulders are angular to subangular occasionally tabular of sandstone. 2.50 m Bedrock.				(2.50)		
1.50		ES 2								
				EXPLORATORY HOLE ENDS AT 2.50 m				2.50		
Depth		Type	Notes							
Groundwater Entries No Structure Observed Strife Behaviour None observed (see Key Sheet)				Depth Related Remarks From to m				Stability Stable Shoring None Weather Fine		
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) ESG www.esg.co.uk 426.4816/01/2015 14/43/22				Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited				Trial Pit 1 Sheet 1 of 1		

Trial it Log

Logged DD Checked AP		Start 24/11/2014 End 24/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m 		Ground Level Coordinates Stational Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Firm locally stiff brown grey locally mottled orange slightly sandy gravelly CLAY with high cobble content and low to medium boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and occasional brick. Cobbles are subangular to subrounded of siltstone, sandstone and occasional brick. Boulders are subrounded to rounded of sandstone. (VO = 1,2)	(4.00)		
1.50	ES 2					
2.50	ES 3					
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 4.00 m	4.00		
Depth	Type	Notes				
Groundwater Entries Structure 1 3.00 Seepage			Depth Related Remarks From to m		Stability Stable Shoring None Weather Fine	
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) ESG www.esg.co.uk 426.4813/01/2015 15:11:27 			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	

Trial it Log

Logged AW Checked AP		Start 26/11/2014 End 26/11/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.7m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.00 m A B C ➔		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests				Strata						
Depth		Type	Notes	Description				Depth / Level Thickness	Legend	Backfill Instruments
0.50		ES 1		1 (MADE GROUND) Orangish brown moderately stained black sandy subangular, fine to coarse GRAVEL of sandstone and occasional brick and concrete with medium cobble content. Sand is fine to coarse. Cobbles are subangular occasionally tabular of sandstone and occasional brick. (VO = 2,2)				(0.70)		
				EXPLORARY HOLE ENDS AT 0.70 m				0.70		
Depth		Type	Notes							
Groundwater Entries Structure Soil Strata Behaviour None observed (see Key Sheet)				Depth Related Remarks From to m				Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4809/01/2015 15:15:40 				Project Coedarcy Site-wide Trial Pitting Project Carried out for Stodwen Developments Limited				Trial Pit Sheet 1 of 1		

Trial Pit Log



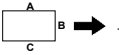
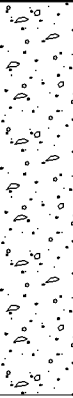
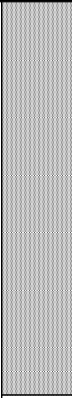
Logged AW Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata					
Depth	Type	Notes	Description			Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Grey frequently stained black sandy slightly clayey subangular, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 4,1) 0.40 m Metal pipe (100mm diameter). 0.50 m Bedrock. EXPLORATORY HOLE ENDS AT 0.50 m			0.50		
Depth	Type	Records						
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Stable Shoring None Weather Cloudy		
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. (c) ESG www.esg.co.uk 426.4809/01/2015 15:15:43			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.2m Terminated due to possible bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description		Depth Level / Thickness	Legend	Backfill Instruments
		*	1 Dark brown sandy subangular, fine to coarse GRAVEL of sandstone with high cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone. (VO = 1,1) 0.20 m Possible bedrock. EXPLORATORY HOLE ENDS AT 0.20 m		0.20		
Depth	Type	Notes					
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained.		Stability Stable Shoring None Weather Cloudy		
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. (c) ESG www.esg.co.uk 426.4809/01/2015 15:15:46			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Trial it Log

Logged AW Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.3m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level Coordinates Stational Grid Chainage	
Samples and Tests			Strata					
Depth	Type	Notes	Description			Depth Level/Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Orangish brown occasionally stained black gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)			(1.30)		
			EXPLORATORY HOLE ENDS AT 1.30 m			1.30		
Depth	Type	Notes						
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4809/01/2015 15:15:48 			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1		

Trial it Log

Logged AW Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.6m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.00 m A B C ➔		Ground Level Coordinates Stational Chainage	
Samples and Tests			Strata					
Depth	Type	Notes	Description			Depth Level/Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Orangish brown sandy silty subangular to subrounded, fine to coarse GRAVEL of sandstone and brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and brick. (VO = 1,2) 0.40 m Ceramic pipe. 0.60 m Bedrock. EXPLORATORY HOLE ENDS AT 0.60 m			(0.60)		
Depth	Type	Records						
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Stable Shoring None Weather Cloudy		
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. (c) ESG www.esg.co.uk 426.4809/01/2015 15:15:50 AGS			Project Coedarcy Site-wide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1		

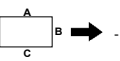
Trial it Log

Logged AW Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.7m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C ➔		Ground Level Coordinates Stational ID Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown sandy clayey subangular, fine to coarse GRAVEL of sandstone and occasional brick and concrete with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone, brick, ceramic and concrete. Moderate wood, metal and plastic fragments. (VO = 1,1)	(0.70)		
			EXPLORATORY HOLE ENDS AT 0.70 m	0.70		
Depth	Type	Records				
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy	
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. ESG www.esg.co.uk 426.4809/01/2015 15:15:53			Project Coedarcy Sitewide Trial Pitting Carried out for Stodwen Developments Limited		Trial Pit I Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP	Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Black slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 5,3)	(1.00)		
1.50	ES 2		2 Grey mottled orange slightly gravelly silty, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,1)	1.00 (1.30)		
			EXPLORATORY HOLE ENDS AT 2.30 m	2.30		
			2.30 m Bedrock			
Depth	Type	Notes				
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy		
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. (c) ESG www.esg.co.uk 426.4809/01/2015 15:15:59			Project Co-ordinator Carried out for	Co-ordinator Site-wide Trial Pitting Stodwen Developments Limited		
Scale 1:25			Trial Pit 1 Sheet 1 of 1			

Logged Checked	AP	Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.7m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 3.00 m 	Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Borefill Instruments
		*	1 Firm yellowish orange sandy CLAY. Sand is fine. (VO = 0,0)	(1.70)		
			EXPLORATORY HOLE ENDS AT 1.70 m	1.70		
Depth	Type	Notes				
Groundwater Entries Structure and Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 1.70 No Samples Obtained	Stability Stable Shoring None Weather Sunny		
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) ESG www.esg.co.uk 426.4813/01/2015 15:11:53 			Project Coedarcy Site-wide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1		

Trial it Log

Logged AW Checked AP		Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.4m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 3.00 m A B C ➔		Ground Level Coordinates Stational Grid Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Soft to firm yellowish orange sandy CLAY. Sand is fine. Occasional roots and wood fragments. (VO = 0,0)	(1.40)		
			EXPLORATORY HOLE ENDS AT 1.40 m	1.40		
Depth	Type	Remarks				
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny	
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) ESG www.esg.co.uk 426.4813/01/2015 15:11:55			Project Coedarcy Site-wide Trial Pitting Conducted by Stodwen Developments Limited		Trial Pit Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP		Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.3m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
		*	1 (MADE GROUND) Dark brown sandy subangular, fine to coarse GRAVEL of sandstone, brick and concrete with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone, brick and concrete. (VO = 1,1) 0.30 m Bedrock. EXPLORATORY HOLE ENDS AT 0.30 m	(0.30) 0.30			
Depth	Type	Notes					
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained		Stability Stable Shoring None Weather Sunny		
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. (c) ESG www.esg.co.uk 426.4813/01/2015 15:11:59			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Trial it Log

Logged AW Checked AP		Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.3m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 3.00 m A B C ➔		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 Firm yellowish orange sandy CLAY. Sand is fine. (VO = 1,1) 0.40 m Metal pipe (100mm diameter).	(1.30)			
			EXPLORARY HOLE ENDS AT 1.30 m	1.30			
Depth	Type	Notes					
Groundwater Entries Structure, Soil Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny		
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) ESG www.esg.co.uk 426.4813/01/2015 15:12:01 			Project Coedarcy Sitewide Trial Pitting Project Code Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated due to concrete.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Grid Chainage	- - - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
		*	1 Firm dark brown moderately stained black sandy gravelly SILT. Gravel is subangular to well rounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 5,3)	(0.50)			
			EXPLORATORY HOLE ENDS AT 0.50 m	0.50			
Depth	Type	Notes					
Groundwater Entries Soil Structure and Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained		Stability Stable Shoring None Weather Cloudy		
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. (c) ESG www.esg.co.uk 426.4809/01/2015 15:16:06			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP	Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.40 m Length 4.00 m A B C	Ground Level Coordinates Stational Chainage	- - - -	
Samples and Tests			Strata			
Depth	Type	Notes Records	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Firm dark brown moderately stained black sandy gravelly SILT. Gravel is subangular to well rounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 5,3)	0.50		
1.50	ES 2		2 Firm light grey mottled and sandy CLAY. Sand is fine to coarse. (VO = 2,2)	(2.50)		
2.50	ES 3					
3.50	ES 4		3 Dark brown gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of sandstone. Cobbles are subangular to well rounded of sandstone. (VO = 1,1)	3.00 (1.00)		
			EXPLORATORY HOLE ENDS AT 4.00 m	4.00		
			4.00 m Bedrock.			
Depth	Type	Notes ate				
Groundwater Entries Soil Structure Soil Strain Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy	
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. (c) ESG www.esg.co.uk 426.4809/01/2015 15:16:12			Project Co-ordination Project Co-ordination Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	

Trial Pit Log



Logged SP Checked AP	Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.5m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes Records	Description	Depth Level/ Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Firm dark grey sandy slightly gravelly SILT. Gravel is angular to well rounded, fine to coarse of sandstone and occasional brick. Sand is fine to coarse. (VO = 3,2)	0.50		
1.50	ES 2		2 Firm light grey mottled orange moderately stained black sandy CLAY. Sand is fine to coarse. (VO = 3,3)	(1.50)		
2.50	ES 3		3 Dark brown mottled grey clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is angular to well rounded, fine to coarse of sandstone. Cobbles are angular to well rounded of sandstone. (VO = 2,2)	2.00 (1.50)		
			EXPLORATORY HOLE ENDS AT 3.50 m	3.50		
			3.50 m Bedrock			
Depth	Type	Notes ate				
Groundwater Entries Soil Structure Soil Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy	
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. (c) ESG www.esg.co.uk 426.4809/01/2015 15:16:15			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	

Trial Pit Log



Logged SP Checked AP	Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates Stational Chainage		
Samples and Tests		Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Bore fill Instruments
0.50	ES 1		1 (MADE GROUND) Soft locally firm light brown stained black gravelly slightly sandy SILT with low cobble content. Gravel is angular to well rounded, fine to coarse of sandstone and occasional brick. Sand is fine to coarse. Cobbles are angular to well rounded of sandstone and occasional brick. (VO = 5,3)	(0.75)		
1.50	ES 2		2 Firm locally stiff grey mottled orange moderately stained black sandy CLAY. Sand is fine to coarse. (VO = 3,3)	0.75		
2.50	ES 3			(3.75)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
Depth	Type	Notes				
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy	
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. (c) ESG www.esg.co.uk 426.4809/01/2015 15:16:17			Project Co-ordinator Project Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP	Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated due to excavator sinking in ground.	Dimensions and Orientation Width 1.30 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata		
Depth	Type	Notes	Description	Depth Level / Thickness	Legend
0.50	ES 1		1 (MADE GROUND) Orangish brown gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick. Cobbles are subangular of sandstone and brick. (VO = 1,1)	(1.00)	
1.50	ES 2		2 (MADE GROUND) Soft grey frequently stained black gravelly slightly sandy CLAY with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and occasional concrete. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional metal and plastic waste. (VO = 4,3)	(1.40)	
			EXPLORATORY HOLE ENDS AT 2.40 m	2.40	
Depth	Type	Notes			
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Sunny	
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. (c) ESG www.esg.co.uk 426.4813/01/2015 15:12:05			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP	Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.2m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - - -	
Samples and Tests		Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Borefill Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown occasionally stained black sandy clayey subangular, fine to coarse GRAVEL of sandstone, brick and concrete with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone, brick and occasional concrete. (VO = 2,3)	(1.10)		
1.50	ES 2		2 Firm grey mottled orange sandy CLAY. Sand is fine to medium. (VO = 1,1)	1.10		
2.50	ES 3			(2.10)		
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20		
			3.20 m Bedrock			
Depth	Type	Remarks				
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)		Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny		
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 Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		



Trial Pit Log



Logged AW Checked AP	Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests		Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Borefill Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone, brick and occasional concrete with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone, brick and occasional concrete. (VO = 2,3)	(1.20)		
1.50	ES 2		2 Soft to firm grey slightly mottled orange sandy CLAY. Sand is fine to coarse. (VO = 1,1)	1.20		
2.50	ES 3			(2.20)		
			EXPLORATORY HOLE ENDS AT 3.40 m	3.40		
			3.40 m Bedrock			
Depth	Type	Notes				
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather	
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. (c) ESG www.esg.co.uk 426.4813/01/2015 15:12:10			Project Coedarcy Sitewide Trial Pitting Project O Carried out for Stodwen Developments Limited		Trial Pit I Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP	Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 3.00 m 	Ground Level Coordinates National Grid Chainage
Samples and Tests		Strata		
Depth	Type	Notes	Description	Depth Level/Thickness Legend Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy clayey subangular, fine to coarse GRAVEL of sandstone, brick and occasional concrete with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone, brick and occasional concrete. (VO = 3,3)	(1.10)
1.50	ES 2		2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker. Sand is fine to coarse of ash (VO = 1,1)	1.10 (0.30)
2.50	ES 3		3 Soft to firm grey mottled orange sandy CLAY. Sand is fine to coarse. (VO = 1,1)	1.40 (2.00)
			EXPLORATORY HOLE ENDS AT 3.40 m	3.40
			3.40 m Bedrock	
Depth	Type	Notes		
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)		Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy
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 Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1



Trial it Log

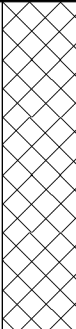
Logged NK Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 2.50 m A B C ➔		Ground Level Coordinates Stational Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Soft to firm blackish grey mottled light brown slightly sandy gravelly CLAY with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. (VO = 0,3)	(2.40)		
1.50	ES 2					
			EXPLORATORY HOLE ENDS AT 2.40 m	2.40		
Depth	Type	Notes				
Groundwater Entries Structure Soil Strata Behaviour			Depth Related Remarks From to m	Stability Unstable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4809/01/2015 15:16:20 			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1		

Trial Pit Log

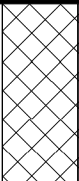


Logged NK Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 2.50 m A B C		Ground Level Coordinates Stational Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 Soft to firm blackish grey mottled light brown slightly sandy gravelly CLAY with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. Occasional gravel sized pockets of orange medium sand. (VO = 3,3)	(3.40)			
1.50	ES 2						
2.50	ES 3						
			EXPLORATORY HOLE ENDS AT 3.40 m	3.40 m Bedrock	3.40		
Depth	Type	Notes					
Groundwater Entries Soil Structure Soil Strain Behaviour			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy		
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. (c) ESG www.esg.co.uk 426.4809/01/2015 15:16:24 AGS			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Trial it Log

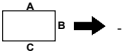
Logged AW Checked AP		Start 27/11/2014 End 27/11/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.9m Terminated on bedrock.		Dimensions and Orientation Width 1.30 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests				Strata						
Depth		Type	Notes	Description				Depth Level Thickness	Legend	Bac fill Instruments
0.50		ES 1		1 (MADE GROUND) Dark brown frequently stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick. (VO = 5,3)				(1.10)		
1.50		ES 2		2 Firm grey mottled orange moderately stained black slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 3,2)				1.10 (1.80)		
2.50		ES 3								
				EXPLORATORY HOLE ENDS AT 2.90 m				2.90		
Depth		Type	Notes							
Groundwater Entries Structure, Soil and Behaviour None observed (see Key Sheet)				Depth Related Remarks From to m				Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4813/01/2015 15:12:20 				Project Coedarcy Sitewide Trial Pitting Project Code Carried out for Stodwen Developments Limited				Trial Pit Sheet 1 of 1		

Trial it Log

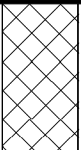
Logged AW Checked AP		Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.6m Terminated due to flooding from surface water and collapse.	Dimensions and Orientation Width 1.30 m Length 3.00 m A B C ➔		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Dark brown occasionally stained black sandy clayey subangular, fine to coarse GRAVEL of sandstone, brick and occasional concrete with low cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and occasional brick. (VO = 3,2)	(0.60)			
			EXPLORATORY HOLE ENDS AT 0.60 m	0.60			
Depth	Type	Notes					
Groundwater Entries Structure, Soil Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Unstable Shoring None Weather Cloudy	
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) ESG www.esg.co.uk 426.4813/01/2015 15:12:22 			Project Coedarcy Sitewide Trial Pitting Project Code Carried out for Stodwen Developments Limited			Trial Pit Sheet 1 of 1	

Trial it Log

Logged NK Checked AP		Start 11/02/2015 End 11/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.3m Terminated on bedrock.		Dimensions and Orientation Width 1.00 m Length 2.00 m A B C ➔		Ground Level Coordinates Stational Chainage	
Samples and Tests			Strata					
Depth	Type	Notes	Description			Depth Level Thickness	Legend	Borehole Instruments
0.50	ES 1		1 Soft brown slightly sandy gravelly SILT. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Frequent rootlets. (VO = 0,0)			(0.30)		
			2 Light brown silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Occasional gravel sized pockets of soft grey and orange silt. (VO = 0,0)			0.30 (1.00)		
			EXPLORATORY HOLE ENDS AT 1.30 m			1.30		
Depth	Type	Notes						
Groundwater Entries Structure Soil Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4803/03/2015 15:07:00			Project Coedarcy Site-wide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited			Trial Pit T E Sheet 1 of 1		

Logged JH Checked AP		Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated due to concrete.	Dimensions and Orientation Width 1.60 m Length 2.50 m 		Ground Level - Coordinates - Stational Grid - Chainage -
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
		*	1 (MADE GROUND) Brownish grey slightly sandy, fine to coarse subangular to subrounded GRAVEL of sandstone with low cobble content. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	(0.30) 0.30		
			2 (MADE GROUND) Black slightly sandy, fine to coarse subangular to subrounded GRAVEL of clinker. Sand is fine to coarse of ash. (VO = 0,0)	0.50		
			EXPLORATORY HOLE ENDS AT 0.50 m			
Depth	Type	Notes				
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 0.50 No Samples Obtained.		Stability Stable Shoring None Weather 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. (c) ESG www.esg.co.uk 426.4831/03/2015 14:49:31 			Project Coedarcy Sitewide Trial Pitting Project to Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1	

Logged JH Checked AP		Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.5m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C 018 (Deg)		Ground Level Coordinates Stational Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Dark brown grey slightly sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and brick with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and brick. (VO = 0,0)	(0.60)			
1.50	ES 2		2 (MADE GROUND) Black slightly sandy, fine to coarse subangular to subrounded GRAVEL of clinker and slag. Sand is fine to coarse of ash. (VO = 0,0)	0.60			
2.50	ES 3						
3.50	ES 4			(4.90)			
4.50	ES 5						
Depth	Type	Remarks	Stratum continues to 5.50 m				
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m			Stability Stable Shoring None Weather Dry	
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. (c) ESG www.esg.co.uk 426.4831/03/2015 14:49:34			Project Coedarcy Sitewide Trial Pitting Project O Carried out for Stodwen Developments Limited			Trial Pit T E Sheet 1 of 2	

Logged JH Checked AP	Start 25/02/2015 End 25/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.5m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C ➔ 018 (Deg)	Ground Level Coordinates Stational Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
			2 (MADE GROUND) Black slightly sandy, fine to coarse subangular to subrounded GRAVEL of clinker and slag. Sand is fine to coarse of ash. (VO = 0,0)			
			EXPLORATORY HOLE ENDS AT 5.50 m	5.50		
Depth	Type	Notes				
Groundwater Entries Soil Structure and Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Dry	
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) ESG www.esg.co.uk 426.4831/03/2015 14:49:35 			Project Co-ordination Site-wide Trial Pitting Project Co-ordination Carried out for Stoddens Developments Limited		Trial Pit T E Sheet 2 of 2	

Trial Pit Log



Logged CB Checked AP		Start 16/02/2015 End 16/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
0.80	ES 1		1 (MADE GROUND) Soft dark brown slightly gravelly sandy CLAY with medium cobble content. Gravel is angular to subrounded, fine to coarse of occasional brick and sandstone. Sand is fine to coarse. Cobbles are angular to subrounded of brick and sandstone. Occasional roots and rootlets. (VO = 0,0)	0.20			
2.00	ES 2		2 (MADE GROUND) Dark blue slightly sandy well angular to angular, fine to coarse GRAVEL of clinker, rare brick and sandstone with low cobble content. Sand is fine to coarse of ash. Cobbles are well angular to subrounded of clinker, slag and brick. (VO = 0,0)				
3.00	ES 3			(5.00)			
4.00	ES 4						
Depth	Type	Notes	Stratum continues to 5.20 m				
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny		
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) ESG www.esg.co.uk 426.4810/03/2015 12:21:46			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 2		

Trial Pit Log



Logged CB Checked AP		Start 16/02/2015 End 16/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C →		Ground Level Coordinates Stationary Chainage	- - - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
			2 (MADE GROUND) Dark blue slightly sandy well angular to angular, fine to coarse GRAVEL of clinker, rare brick and sandstone with low cobble content. Sand is fine to coarse of ash. Cobbles are well angular to subrounded of clinker, slag and brick. (VO = 0,0) EXPLORATORY HOLE ENDS AT 5.20 m	5.20			
Depth	Type	Notes					
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny		
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) ESG www.esg.co.uk 426.4810/03/2015 12:21:47 AGS			Project Co-Ordination Site-wide Trial Pitting Conducted by Stodwen Developments Limited		Trial Pit T E Sheet 2 of 2		

Trial it Log

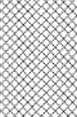
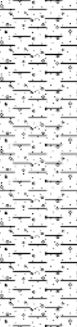


Logged CB Checked AP		Start 16/02/2015 End 16/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
0.80	ES 1		1 (MADE GROUND) Soft dark brown slightly gravelly sandy CLAY with medium cobble content. Gravel is angular to subrounded, fine to coarse of frequent brick. Sand is fine to coarse. Cobbles are well angular to angular of brick. Occasional roots and rootlets. (VO = 0,0)	0.20			
2.00	ES 2		2 (MADE GROUND) Dark blue slightly sandy well angular to angular, fine to coarse GRAVEL of clinker, rare brick and sandstone with low cobble content. Sand is fine to coarse of ash. Cobbles are well angular to subrounded of clinker and brick. (VO = 0,0)	(3.30)			
3.00	ES 3						
4.00	ES 4		3 (MADE GROUND) Firm light greenish brown and light orange frequently stained black slightly sandy CLAY with low cobble content. Sand is fine to coarse. Cobbles are well angular to angular of brick and occasional bitumen. Occasional iron pipe fragments (150-200mm length). Occasional fibrous material. (VO = 3,1)	3.50 (1.70)			
Depth	Type	Notes	Stratum continues to 5.20 m				
Groundwater Entries Structure None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Dry		
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) ESG www.esg.co.uk 426.4810/03/2015 12:21:50			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 2		

Trial Pit Log



Logged CB Checked AP		Start 16/02/2015 End 16/02/2015	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
			3 (MADE GROUND) Firm light greenish brown and light orange frequently stained black slightly sandy CLAY with low cobble content. Sand is fine to coarse. Cobbles are well angular to angular of brick and occasional bitumen. Occasional iron pipe fragments (150-200mm length). Occasional fibrous material. (VO = 3,1) EXPLORATORY HOLE ENDS AT 5.20 m	5.20			
Depth	Type	Notes					
Groundwater Entries Soil Structure and Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Dry		
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) ESG www.esg.co.uk 426.4810/03/2015 12:21:51			Project Co-ordination Site-wide Trial Pitting Project Co-ordination Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 2 of 2		

				Trial Pit Log				Trialpit No T E Sheet 1 of 2	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270760.06 - 195374.72 Level: 32.50mAOS		Date 16/05/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 5.10		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.30	ES		0.40	32.10		MADE GROUND. Black gravelly SAND. Fine - medium gravel of coal and mudstone	0	0
	1.00	ES					1.50	31.00	
	2.00	ES		Brown Occasional mottled grey clayey gravelly SAND. Coarse gravel of rounded - angular sandstone	1	1			
	3.00	ES							
	4.00	ES		Continued on next sheet	5				
5.00	ES								

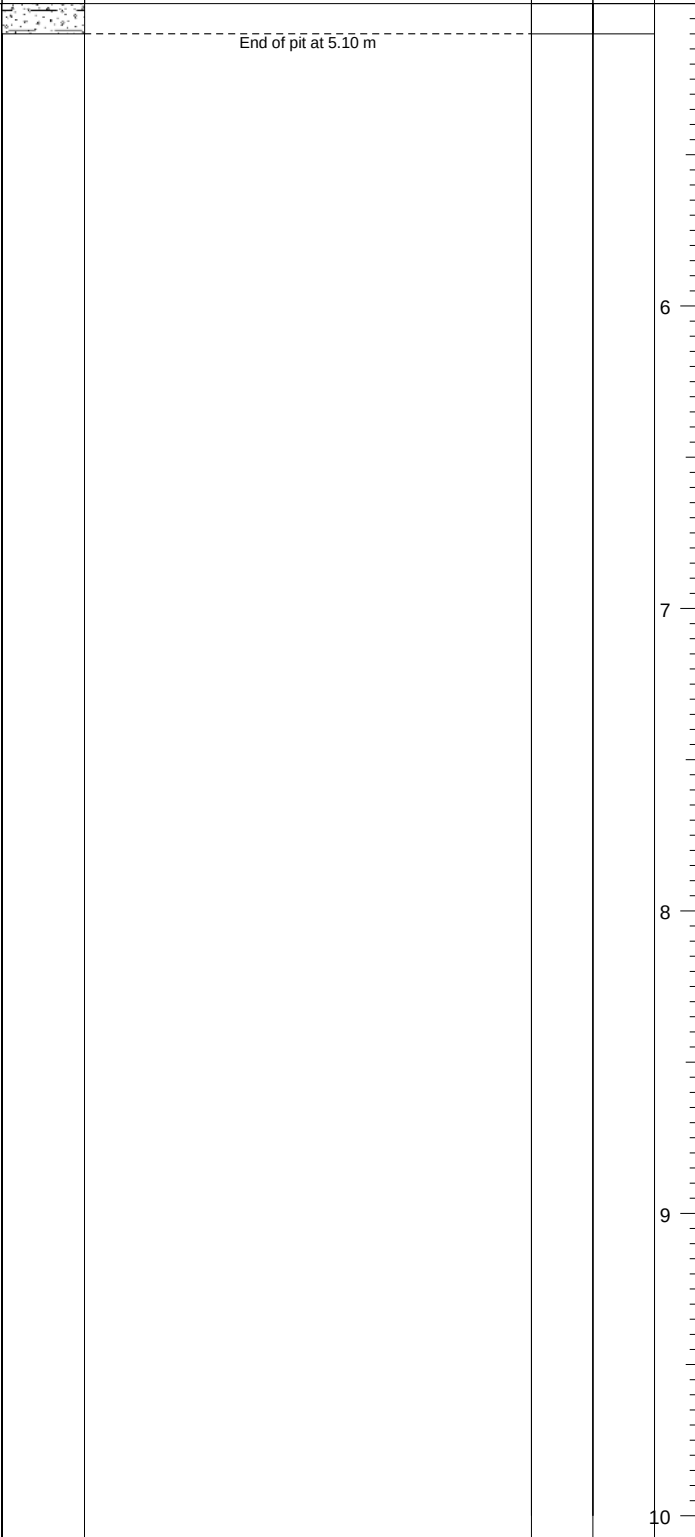
Remarks: Trial pit terminated in natural soils

Stability: Stable

GroundWater: Slight water ingress at 4.9m

Remarks:



				Trial Pit Log				Trialpit No T E Sheet 2 of 2	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270760.06 - 195374.72 Level: 32.50mAOS		Date 16/05/2014	
Location: Coed Darcy				Dimensions (m):		Scale 1:25		Logged AEM	
Client: St Modwen				Depth 5.10					
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
				5.10	27.40				
Remarks: Trial pit terminated in natural soils									
Stability: Stable GroundWater: Slight water ingress at 4.9m Remarks:									



				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270760.09 - 195394.84 Level: 32.08mAOS		Date 16/05/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.70		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.10	ES		0.20	31.88		MADE GROUND. Brown sandy gravelly CLAY. Coarse gravel of mudstone and brick	0	0
				0.40	31.68		MADE GROUND. Black clayey gravelly SAND. Medium - coarse gravel of sandstone (Former topsoil)	0	0
							MADE GROUND. Brown sandy gravelly CLAY. Coarse gravel of sandstone		
	1.10	ES		1.30	30.78		Brown mottled grey clayey gravelly SAND. Coarse gravel of sandstone	1	1
	2.20	ES		3.10	28.98		Brown clayey gravelly SAND. Coarse gravel of sandstone	1	1
3.30	ES		4.40				0	0	
4.40	ES		4.70	27.38		End of pit at 4.70 m			

Remarks: Trial pit terminated in natural soils

 Stability: Stable
 GroundWater: Water ingress at 0.4m
 Remarks:



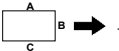
Trial it Log

[illegible]

Trial it Log

Logged NK Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 0.7m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 2.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Black subangular to subrounded, fine to coarse GRAVEL of macadam. (VO = 0,1)	(0.30)			
			2 (MADE GROUND) Light brown silty gravelly fine to coarse SAND with high cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded, occasionally tabular of sandstone and brick. (VO = 2,2)	(0.40)			
			0.70 m Bedrock. EXPLORATORY HOLE ENDS AT 0.70 m	0.70			
Depth	Type	Notes					
Groundwater Entries Structure Observed Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4818/01/2015 14:58:09 			Project Coedarcy Site-wide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1		

Trial it Log

Logged NK Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.9m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 2.00 m 		Ground Level Coordinates Stational Chainage
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Bathymetric Instruments
		*	1 (MADE GROUND) Soft dark brown sandy gravelly SILT with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone and brick. Cobbles subangular to subrounded of sandstone. Contaminated. (VO = 2,3)	(0.90)		
			EXPLORATORY HOLE ENDS AT 0.90 m	0.90 m Bedrock.	0.90	
Depth	Type	Notes				
Groundwater Entries Structure, Soil, Behaviour			Depth Related Remarks From to m 0.00 0.90 No Samples Obtained.		Stability Unstable Shoring None Weather Cloudy	
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) ESG www.esg.co.uk 426.4803/03/2015 11:19:19 			Project Coedarcy Site-wide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1	

Trial Pit Log



Logged NK Checked AP		Start 26/11/2014 End 26/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.0m Terminated due to collapse.	Dimensions and Orientation Width 1.00 m Length 2.00 m A B C		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type	Notes	Description			Depth Level / Thickness	Legend	Backfill Instruments
		*	1 (MADE GROUND) Soft dark brown sandy gravelly SILT with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded. (VO = 2,3)			(1.00)		
			EXPLORATORY HOLE ENDS AT 1.00 m			1.00		
Depth	Type	Notes						
Groundwater Entries Soil Structure Soil Behaviour			Depth Related Remarks From to m 0.00 1.00 No samples obtained.			Stability Unstable Shoring None Weather Cloudy		
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. (c) ESG www.esg.co.uk 426.4803/03/2015 15:06:58 AGS			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited			Trial Pit TE Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
		*	1 Greyish brown sandy subangular, fine to coarse GRAVEL of sandstone with high cobble content and low boulder content. Sand is fine to coarse. Cobbles and boulders are subangular tabular of sandstone. (VO = 0,0) 0.30 m Bedrock EXPLORATORY HOLE ENDS AT 0.30 m	(0.30) 0.30			
Depth	Type	Notes					
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No samples Obtained		Stability Stable Shoring None Weather Cloudy		
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. (c) ESG www.esg.co.uk 426.4809/01/2015 15:13:53			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1		

Trial it Log

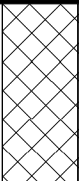
Logged AW Checked AP		Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.2m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C →		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Greyish dark brown moderately stained black sandy silty subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with medium cobble content. Sand is fine to medium. Cobbles are subangular to subrounded occasionally tabular of sandstone and occasional brick. (VO = 3,3)	(1.20)			
			EXPLORATORY HOLE ENDS AT 1.20 m	1.20			
Depth	Type	Notes					
Groundwater Entries Structure, Soil, Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4808/01/2015 16:05:50 			Project Coedarcy Sitewide Trial Pitting Project Code Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP	Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 3.50 m A B C	Ground Level Coordinates National Grid Chainage	- - - -
Samples and Tests			Strata		
Depth	Type	Notes	Description	Depth Level / Thickness	Legend
0.50	ES 1		1 (MADE GROUND) Blackish brown silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and brick with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Occasional rootlets. (VO = 4,2)	(1.40)	
1.50	ES 2		2 Brown silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Occasional gravel and cobble sized pockets of grey mottled orange firm clay. (VO = 3,2)	1.40	
2.50	ES 3			(2.00)	
			EXPLORATORY HOLE ENDS AT 3.40 m	3.40	
			3.40 m Bedrock		
Depth	Type	Notes			
Groundwater Entries Soil Structure Soil Strain Behaviour			Depth Related Remarks From to m	Stability Stable Shoring None Weather Sunny	
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. (c) ESG www.esg.co.uk 426.4813/01/2015 15:08:52			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited	Trial Pit T E Sheet 1 of 1	

Trial it Log

Logged AW Checked AP		Start 28/11/2014 End 28/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.6m Terminated due to flooding from surface water and collapse.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
0.50	ES 1		1 (MADE GROUND) Dark brown moderately stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone, brick and occasional concrete with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and occasional brick and concrete. Moderate wood fragments. (VO = 4,3)	(0.60)			
			EXPLORATORY HOLE ENDS AT 0.60 m	0.60			
Depth	Type	Notes					
Groundwater Entries Structure and Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny		
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) ESG www.esg.co.uk 426.4813/01/2015 15:08:55 			Project Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1		

Trial it Log

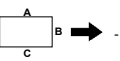
Logged NK Checked AP		Start 26/11/2014 End 26/11/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.		Dimensions and Orientation Width 1.00 m Length 2.50 m A B C ➔ -		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests				Strata						
Depth		Type	Notes	Description				Depth Level Thickness	Legend	Bore fill Instruments
0.50		ES 1		1 Firm grey slightly sandy slightly gravelly SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to medium of sandstone. (VO = 3,3)				(1.30)		
1.50		ES 2		2 Blackish brown mottled light brown silty gravelly SAND with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. Occasional gravel sized pockets of orange medium sand pockets. (VO = 3,3)				1.30 (0.90)		
				EXPLORATORY HOLE ENDS AT 2.20 m				2.20		
Depth		Type	Notes							
Groundwater Entries Soil Structure Soil Strata Behaviour				Depth Related Remarks From to m				Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4809/01/2015 15:13:56 				Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited				Trial Pit TE Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 27/11/2014 End 27/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated due to concrete slab.	Dimensions and Orientation Width 1.00 m Length 3.00 m A B C		Ground Level Coordinates Stational Chainage	- - - -
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth / Level / Thickness	Legend	Backfill Instruments	
0.50	ES1		1 Dark brown slightly silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. (VO = 2,3)	(0.50) 0.50			
			EXPLORATORY HOLE ENDS AT 0.50 m	Concrete slab.			
Depth	Type	Notes					
Groundwater Entries Soil Structure Soil Strain Behaviour			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny		
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. (c) ESG www.esg.co.uk 426.4813/01/2015 15:09:03			Project Co-Ordination Site-wide Trial Pitting Project Co-Ordination Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1		

Trial it Log

Logged AW Checked AP		Start 25/11/2014 End 25/11/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.7m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata						
Depth		Type	Notes	Description			Depth Level/Thickness	Legend	Backfill Instruments
0.50		ES 1		1 (MADE GROUND) Grey frequently stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and occasional brick with high cobble content. Sand is fine to medium. Cobbles are subangular to subrounded occasionally tabular of sandstone and occasional brick. (VO = 4,3)			(0.70)		
				EXPLORATORY HOLE ENDS AT 0.70 m			0.70		
Depth		Type	Notes						
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)				Depth Related Remarks From to m			Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4815/02/2015 12:56:26 				Project Coedarcy Site-wide Trial Pitting Project Carried out for Stodwen Developments Limited			Trial Pit T E Sheet 1 of 1		

Logged A/W Checked A/P	Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.2m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C B →	Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata		
Depth	Type	Notes	Description	Depth / Level / Thickness	Legend
0.50	ES 1		1 Firm grey mottled orange moderately stained black, gravelly sandy CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to medium. Cobbles are subangular tabular of sandstone. (VO = 4,3)	(1.20)	

Trial Pit Log



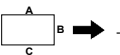
Logged NK Checked AP	Start 25/11/2014 End 25/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.9m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 2.50 m A B C	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes Records	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL of clinker. Sand is fine to coarse of ash. (VO = 1,1)	(0.30)		
			2 Brown silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded, fine to coarse of sandstone. Frequent gravel and cobble sized pockets of orange and grey clay. (VO = 3,3)	0.30 (0.50)		
1.50	ES 2		3 Dark brown slightly silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with high cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded, fine to coarse of sandstone. Occasional gravel sized pockets of orange and grey clay. (VO = 3,0)	0.80 (1.10)		
			EXPLORATORY HOLE ENDS AT 1.90 m	1.90		
			1.90 m Bedrock			
Depth	Type	Notes Records				
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy		
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. (c) ESG www.esg.co.uk 426.4815/02/2015 12:56:31			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit T E Sheet 1 of 1		

Trial Pit Log



Logged DD Checked AP	Start 24/11/2014 End 24/11/2014	Equipment Methods and Remarks Komatsu PC210 machine excavated trial pit from GL to 3.5m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 180 (Deg)	Ground Level Coordinates Stational Chainage		
Samples and Tests		Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Bac fill Instruments
0.50	ES 1		1 (MADE GROUND) Firm to stiff brown slightly sandy gravelly CLAY with medium to high cobble content and low boulder content. Gravel is subangular to subrounded occasionally rounded, fine to coarse of siltstone, sandstone and occasional brick. Cobbles are subangular to rounded of siltstone, sandstone and occasional brick. (VO = 1,1)	(3.50)		
1.50	ES 2					
2.50	ES 3					
			EXPLORATORY HOLE ENDS AT 3.50 m	3.50		
			3.50 m Bedrock			
Depth	Type	Records				
Groundwater Entries Structure 1 3.00 Seepage.			Depth Related Remarks From to m		Stability Stable Shoring None Weather Fine	
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) ESG www.esg.co.uk 426.4815/02/2015 12:56:39			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1	

Trial it Log

Logged AW Checked AP		Start 28/11/2014 End 28/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.2m Terminated due to concrete base.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level Coordinates National Grid Chainage
Samples and Tests			Strata			
Depth	Type	Date Records	Description	Depth Level/ Thickness	Legend	Bac fill Instruments
		*	1 Greyish dark brown slightly sandy subangular, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 1,1) EXPLORATORY HOLE ENDS AT 0.20 m	0.20 Concrete.		
Depth	Type	Date Records				
Groundwater Entries No Structural or Strain Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained.		Stability Stable Shoring None Weather Sunny	
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) ESG www.esg.co.uk 426.4813/01/2015 15:09:15 			Project Coedarcy Sitewide Trial Pitting Project Code Stodwen Developments Limited Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP		Start 28/11/2014 End 28/11/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.3m Terminated due to bedrock or concrete base.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type	Notes	Description		Depth Level / Thickness	Legend	Backfill Instruments
		*	1 Dark brown gravelly slightly sandy SILT with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine. Cobbles are subangular to subrounded of sandstone. (VO = 0,0) 0.30 m Concrete or sandstone bedrock. EXPLORATORY HOLE ENDS AT 0.30 m		(0.30) 0.30		
Depth	Type	Remarks					
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained.		Stability Stable Shoring None Weather Sunny		
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) ESG www.esg.co.uk 426.4813/01/2015 15:09:32			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP	Start 30/10/2014 End 30/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.7m Terminated in concrete base.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests		Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Brown gravelly slightly sandy SILT with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Sand is fine to coarse. Cobbles are subangular of sandstone and brick. Frequent roots, rootlets and wood fragments. (VO = 0,0)	(0.50)		
			2 (MADE GROUND) CONCRETE BASE.	0.50		
			EXPLORATORY HOLE ENDS AT 0.70 m	0.70		
Depth	Type	Records				
Groundwater Entries Soil Structure None observed (see Key Sheet)		Depth Related Remarks From to m		Stability Stable Shoring None Weather 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.		Project Co-Ord. Arcy Sitewide Trial Pitting Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1		

Scale 1:25

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AGS

Logged AW Checked AP	Start 30/10/2014 End 30/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1m Terminated on concrete.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type	Remarks	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Grey slightly sandy subangular, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 0,0)	(0.40)		
			2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone, brick and slag. Sand is fine to coarse of ash. (VO = 1,1)	(0.70)		
			EXPLORATORY HOLE ENDS AT 1.10 m Concrete base.	1.10		
Depth	Type	Remarks				
Groundwater Entries Structure / Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather 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) ESG www.esg.co.uk 426.4808/01/2015 16.06.02 			Project Co-ordination Site-wide Trial Pitting Project Co-ordinated by Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1	

Trial Pit Log

Logged AW Checked AP		Start 22/10/2014 End 22/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m	Ground Level - Coordinates - Stational - Chainage -	
Samples and Tests			Strata	Depth Level / Thickness		
Depth	Type	Notes	Description	Depth	Level / Thickness	Legend
0.50	ES 1		1 (MADE GROUND) Dark brown gravelly slightly sandy SILT with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular of sandstone and brick. Moderate roots and rootlets. (VO = 0,0)	0.30		
			2 (MADE GROUND) Dark grey moderately stained black sandy subangular, fine to coarse GRAVEL of sandstone, brick and concrete with medium cobble content. Sand is fine to coarse of ash. Cobbles are subangular of sandstone and brick. Occasional metal rebar. (VO = 3,4)	0.80		
1.50	ES 2		3 (MADE GROUND) Soft to firm light grey mottled orange frequently stained black gravelly sandy CLAY with low cobble content. Gravel is subangular, fine to coarse of sandstone and brick. Sand is fine to coarse. Cobbles are subangular of sandstone and brick. Rare metal fragments. (VO = 4,4)	1.10		
2.50	ES 3			(2.00)		
3.50	ES 4		4 (MADE GROUND) Dark grey frequently stained black sandy slightly clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and clinker with high cobble content. Sand is fine to coarse of ash. Cobbles are subangular to subrounded of sandstone. Distinct hydrocarbon staining and overwhelming odour. (VO = 5,5)	3.10		
				(1.20)		
			EXPLORATORY HOLE ENDS AT 4.30 m	4.30		
			4.30 m Grey weathered bedrock.			
Depth	Type	Notes				
Groundwater Entries Structure / Strata Behaviour 1 2.80 Seepage, surface water stained with hydrocarbon product.			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy		
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 Coedarcy Sitewide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited	Trial Pit TE Sheet 1 of 1		

Trial Pit Log

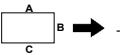
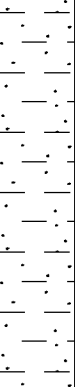
Logged AW Checked AP	Start 22/10/2014 End 22/10/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 4.1m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 3.00 m	Ground Level - Coordinates - Stational - Chainage -		
Samples and Tests		Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Black sandy slightly clayey subangular, fine to coarse GRAVEL of clinker and occasional sandstone and brick with low cobble content. Sand is fine to coarse of ash. Cobbles are subangular of brick and sandstone. (VO = 3,3)	0.50		
1.00	ES 2		2 Grey mottled orange slightly gravelly sandy SILT with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Occasional wood fragments. (VO = 1,2)	(0.80)		
2.00	ES 3		3 Dark grey moderately stained black gravelly slightly clayey, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 3,3)	1.30		
3.00	ES 4			(2.80)		
4.00	ES 5					
			EXPLORATORY HOLE ENDS AT 4.10 m	4.10		
			4.10 m Grey weathered bedrock.			
Depth	Type	Notes				
Groundwater Entries 1 3.50 Seepage with oily sheen.			Depth Related Remarks From to m		Stability Stable Shoring None Weather cloudy	
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 Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1	

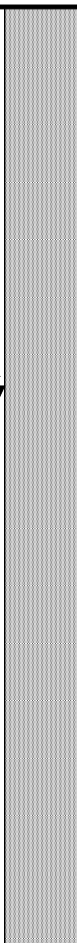
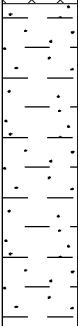
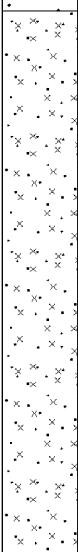
Logged AW Checked AP		Start 22/10/2014 End 22/10/2014		Equipment methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.2m Terminated on bedrock.		Dimensions and Orientation Width 1.00 m Length 3.00 m A B C ➔		Ground Level Coordinates Stational Chainage		
Samples and Tests			Strata							
Depth	Type	Notes	Description					Depth Level/Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Greyish dark brown slightly gravelly slightly sandy SILT. Gravel is subangular, fine to coarse of sandstone and brick. Sand is fine. Moderate roots and rootlets. (VO = 0,0)					0.20		
			2 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker and occasional sandstone and brick. Sand is fine to coarse of ash. 1 No. electric power cable. (VO = 0,0)					(0.90)		
1.50	ES 2		3 (MADE GROUND) Firm yellowish grey mottled orange slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 1,2)					1.10		
								(1.10)		
2.50	ES 3		4 (MADE GROUND) Greyish dark brown occasionally stained black gravelly slightly clayey, fine to coarse SAND with medium cobble content. Gravel is subangular, fine to coarse of sandstone, brick and burnt sandstone. Cobbles are subangular of sandstone. (VO = 2,2)					2.20		
								(2.00)		
3.50	ES 4									
			EXPLORATORY HOLE ENDS AT 4.20 m					4.20		
Depth	Type	Notes								
Groundwater Entries Structure Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m					Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4806/03/2015 11:22:35 AGS			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited					Trial Pit T E Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP	Start 22/10/2014 End 22/10/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 3.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C →	Ground Level - Coordinates - Stational - Chainage -			
Samples and Tests		Strata		Depth	Level	Legend	Bac fill
Depth	Type	Remarks	Description	Depth	Level	Legend	Bac fill
0.50	ES 1		1 (MADE GROUND) CONCRETE base. (VO = 0,0) 1 (MADE GROUND) Red slightly sandy subangular, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 0,0) 2 (MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL of clinker and occasionally sandstone. Sand is fine to coarse of ash. (VO = 0,1) 3 Firm light grey mottled orange occasionally stained black slightly sandy slightly gravelly CLAY. Gravel is subangular, fine to coarse of sandstone. Sand is fine. (VO = 1,1)	0.10 0.30 (0.30) 0.60			
1.50	ES 2						
2.50	ES 3		4 Greyish dark brown occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 1,1)	1.70			
			EXPLORATORY HOLE ENDS AT 3.30 m 3.30 m Grey weathered bedrock.	3.30			
Depth	Type	Remarks					
Groundwater Entries 1 1.70 Seepage			Depth Related Remarks From to m	Stability Stable Shoring None Weather Cloudy			
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 Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit T E Sheet 1 of 1			

Trial it Log

Logged AW Checked AP		Start 27/10/2014 End 27/10/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.1m Terminated on bedrock.		Dimensions and Orientation Width 0.50 m Length 4.00 m 		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests				Strata						
Depth		Type	Notes	Description				Depth Level Thickness	Legend	Bac fill Instruments
0.50		ES 1		1 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker. Sand is fine to coarse of ash. Moderate roots and rootlets. (VO = 1,1)				0.30		
1.50		ES 2		2 Firm to stiff light grey mottled orange occasionally stained black sandy CLAY. Sand is fine to coarse. (VO = 1,1)				1.30		
2.50		ES 3		3 Dark brown slightly sandy gravelly SILT with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. Cobbles are subrounded of sandstone. (VO = 0,0)				1.60		
				EXPLORATORY HOLE ENDS AT 3.10 m				3.10	3.10 m Grey weathered bedrock.	
Depth		Type	Notes							
Groundwater Entries Structure Soil Structure Behaviour None observed (see Key Sheet)				Depth Related Remarks From to m				Stability Stable Shoring None Weather Cloudy		
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) ESG www.esg.co.uk 426.4803/03/2015 13:39:47 				Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited				Trial Pit T E Sheet 1 of 1		

Logged AW Checked AP		Start 27/10/2014 End 27/10/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.1m Terminated on bedrock.		Dimensions and Orientation Width 0.50 m Length 4.00 m A B C ➡ -		Sound Level Coordinates Stational Grid Chainage		- - -
Samples and Tests			Strata							
Depth	Type	Date	Remarks	Description			Depth Level Thickness	Legend	Bac fill Instruments	
0.50	ES 1			1 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker. Sand is fine to coarse of ash. Moderate roots and rootlets. (VO = 1,1)			0.20			
				2 Firm to stiff light grey mottled orange occasionally stained black sandy CLAY. Sand is fine to coarse. (VO = 1,1)			(1.10)			
1.50	ES 2			3 Dark brown gravelly slightly sandy SILT with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine. Cobbles are subrounded of sandstone. (VO = 1,1)			1.30			
2.50	ES 3						(1.80)			
				EXPLORATORY HOLE ENDS AT 3.10 m			3.10	3.10 m Grey weathered bedrock.		
Depth	Type	Date	Remarks							
Groundwater Entries Structure Soil Behaviour 1 1.30 Seepage				Depth Related Remarks From to m			Stability Stable Shoring None Weather Cloudy			
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) ESG www.esg.co.uk 426.A903/03/2015 13:39:50				Project Coedarcy Site-wide Trial Pitting Carried out by Stodwen Developments Limited			Trial Pit T E Sheet 1 of 1			

Trial Pit Log



Logged AW Checked AP	Start 27/10/2014 End 27/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated on bedrock.	Dimensions and Orientation Width 0.50 m Length 4.00 m 	Ground Level Coordinates National Grid Chainage
Samples and Tests		Strata		
Depth	Type	Notes	Description	Depth Level/Thickness Legend Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Black sandy subangular, fine to coarse GRAVEL of clinker. Sand is fine to coarse of ash. Moderate roots and rootlets. (VO = 1,1) 2 Firm to stiff light grey mottled orange moderately stained black slightly gravelly sandy CLAY with low cobble content. Gravel is subrounded, fine to coarse of sandstone. Sand is fine to coarse. Cobbles are subrounded of sandstone. (VO = 2,2)	0.20 (0.90)
1.50	ES 2		3 Greyish dark brown gravelly silty, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 1,1)	1.10 (1.30)
			EXPLORATORY HOLE ENDS AT 2.40 m	2.40 2.40 m Grey weathered bedrock.
Depth	Type	Notes		
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)		Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloudy
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 Co-Ord. Arcy Sitewide Trial Pitting Project Co-Ord. Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1



Trial it Log

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Trial Pit Log



Logged AW Checked AP		Start 23/10/2014 End 23/10/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments		
0.50	ES 1		1 (MADE GROUND) Soft to firm grey mottled orange frequently stained black slightly sandy gravelly CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone, brick, concrete, clinker and ceramic. Cobbles are subangular to subrounded of sandstone, brick and concrete. Moderate roots, rootlets and wood fragments. Occasional metal and plastic fragments. Occasional pockets of free product. (VO = 5,3) 0.40 m 2x metal pipes 10cm in diameter found and removed.	(1.10)				
			EXPLORATORY HOLE ENDS AT 1.10 m 1.10 m Grey weathered bedrock.	1.10				
Depth	Type	Notes						
Groundwater Entries Soil Structure and Strata Behaviour			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) ESG www.esg.co.uk 426.4803/03/2015 13:39:54			Project Co-Ordination Site-wide Trial Pitting Project Co-Ordination Carried out for Stodwen Developments Limited		Trial Pit T E R Sheet 1 of 1			

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