

Trial Pit Log



Logged JAF Checked AP	Start 30/06/2014 End 30/06/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.90m Terminated on bedrock	Dimensions and Orientation Width 1.55 m Length 3.50 m A B C 000 (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) Topsoil over fine to coarse subangular to subrounded GRAVEL of brick, sandstone and limestone. Cobbles are subrounded of sandstone. Frequent rootlets and wood fragments. (VO = 0,0)	(1.10)		
1.20	ES 2		2 Brownish grey sandy clayey angular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subrounded of sandstone. (VO = 0,0)	1.10		
2.50	ES 3			(1.80)		
			EXPLORATORY HOLE ENDS AT 2.90 m	2.90		
			2.90 m Bedrock			
Depth	Type	Notes				
Groundwater Entries Soil Structure 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 426.4904/08/2014 09:26:25 			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

Scale 1:25

Trial Pit Log



Logged JAF Checked AP		Start 30/06/2014 End 30/06/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.00m Terminated on bedrock.	Dimensions and Orientation Width 1.55 m Length 3.00 m A B C 080 (Deg)		Ground Level Coordinates Elevation Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments	
0.60	ES 1		1 (TOPSOIL) Brown angular to subrounded, fine to coarse GRAVEL of sandstone. Occasional rootlets. Rare subangular cobbles of sandstone. (VO = 0,0)	(0.50)			
			2 Orangish brown slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subrounded of sandstone. (VO = 0,0)	(0.50)			
			3 Brown silty sandy angular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 0,0)	(1.00)			
1.90	ES 2						
2.00	ES 3		EXPLORATORY HOLE ENDS AT 2.00 m 2.00 m Sandstone bedrock.	2.00			
Depth	Type	Remarks					
Groundwater Entries Soil Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Unstable in Face D 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 426.4904/08/2014 09:26:29			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1		

Trial it Log



Logged SK Checked IRC	Start 03/07/2014 End 03/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.30m Terminated due to maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 5.00 m A B C 170 (Deg)		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 Firm friable sandy slightly gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. Cobbles are subrounded of sandstone. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Brownish grey subangular to subrounded fine to coarse GRAVEL of sandstone, siltstone and clinker with medium cobble and boulder content. Cobbles and boulders are subangular to subrounded of sandstone and siltstone. (VO = 1,1)	1.00		
2.50	ES 3					
3.50	ES 4			(4.30)		
4.00	ES 5					
Depth	Type	Remarks	Stratum continues to 5.30 m			
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Overcast, 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 426.4820/11/2014 16:45:24			Project Coedarcy Sitewide Trial Pitting Project O Carried out for Stodwen Developments Limited		Trial Pit I Sheet 1 of 2	

Trial it Log



Logged SK Checked IRC		Start 03/07/2014 End 03/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.30m Terminated due to maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 5.00 m A B C 170 (Deg)		Ground Level Coordinates Stational Chainage	
Samples and Tests			Strata				
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments	
5.00	ES 6		2 Brownish grey subangular to subrounded fine to coarse GRAVEL of sandstone, siltstone and clinker with medium cobble and boulder content. Cobbles and boulders are subangular to subrounded of sandstone and siltstone. (VO = 1,1 EXPLORATORY HOLE ENDS AT 5.30 m	5.30			
Depth	Type	Remarks					
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Overcast, 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 (c) ESG www.esg.co.uk 426.4820/11/2014 16:45:25			Project Co-ordination Site-wide Trial Pitting Conducted by Stodwen Developments Limited		Trial Pit 1 Sheet 2 of 2		

Trial Pit Log



Logged SK Checked IRC		Start 03/07/2014 End 03/07/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.60m Terminated possible rock		Dimensions and Orientation Width 1.50 m Length 5.40 m A B C 200 (Deg)		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) Orangish brown gravelly slightly silty fine to coarse SAND with low to medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone, siltstone and brick. Cobbles are angular to subrounded of sandstone and brick. (VO=0,0)					(1.50)		
1.60	ES 2		2 Brownish grey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and siltstone with medium cobble content and low boulder content. Cobbles and boulders are subrounded sandstone. (VO = 0,0) from 2.40m sandy with high cobble and boulder content. from 3.00m with high boulder content.					1.50		
2.60	ES 3									
3.60	ES 4							(3.10)		
			EXPLORATORY HOLE ENDS AT 4.60 m					4.60		
			4.60 m Terminated possible rock							
Depth	Type	Notes								
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m					Stability Stable Shoring None Weather Windy and 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. (c) ESG www.esg.co.uk 426.4820/11/2014 16:45:27			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited					Trial Pit 1 Sheet 1 of 1		

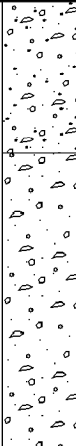
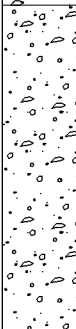
Scale 1:25

Trial Pit Log



Logged SK Checked IRC	Start 03/07/2014 End 03/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.90m Terminated in rock	Dimensions and Orientation Width 1.50 m Length 4.30 m A B C 090 (Deg)	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth / Level / Thickness	Legend	Borefill Instruments
0.20	ES 1		1 (MADE GROUND) Light brownish grey clayey SAND and GRAVEL. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone siltstone and occasional brick. (VO = 0,0)	(0.40)		
0.50	ES 2		2 Orangish brown SAND and GRAVEL with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone and siltstone. Cobbles are subrounded of sandstone and siltstone. (VO = 0,0)	0.40 (1.00)		
1.50	ES 3		3 Brownish grey sandy fine to coarse, subangular to subrounded GRAVEL of sandstone and siltstone with low to medium cobble content. Cobbles are subangular to subrounded of sandstone and siltstone. (VO = 0,0)	1.40 (0.80)		
			3 Weak grey occasional stained orangish brown sandy SILTSTONE. Recovered as angular to subangular, fine to coarse gravel with medium cobble content. (VO = 0,0)	2.20 (0.70)		
			EXPLORATORY HOLE ENDS AT 2.90 m Terminated in rock	2.90		
Depth	Type	Notes				
Groundwater Entries Soil Structure None observed (see Key Sheet)			Depth Related Remarks From to m	Stability Stable Shoring None Weather Overcast, windy, 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 426.4820/11/2014 16:45:30			Project Co-ordination Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

Trial it Log

Logged JAF Checked AP		Start 01/07/2014 End 01/07/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.60m Terminated on hard ground		Dimensions and Orientation Width 1.55 m Length 4.00 m A B C ➔ 060 (Deg)		Ground Level Coordinates National Grid Chainage		- - -	
Samples and Tests				Strata							
Depth		Type	Date	Description				Depth / Level Thickness		Legend	Bac fill Instruments
0.50		ES 1		1 Greyish brown silty sandy angular to subrounded, fine to coarse GRAVEL of grey sandstone. Rare earthing cable and disused pipe fragments. (VO = 1,1)				0.50			
				2 Greyish brown silty sandy angular to subrounded, fine to coarse GRAVEL of grey sandstone. Slight hydrocarbon odour. (VO = 0,2)							
1.50		ES 2		3 Greyish brown silty sandy angular to subrounded, fine to coarse GRAVEL of grey sandstone. (VO = 0,0)				1.50			
2.20		ES 3						(1.10)			
				EXPLORATORY HOLE ENDS AT 2.60 m				2.60			

Trial Pit Log



Logged JAF Checked AJ		Start 21/08/2014 End 21/08/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.80m Terminated as pit was 4/4 below 0.50m	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
0.50	ES 1		1 Orangish brown sandy silty subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 1,1)			(0.80)		
			EXPLORATORY HOLE ENDS AT 0.80 m			0.80		
			0.80 m Grey silty subangular to subrounded, fine to coarse gravel of sandstone with tabular boulders of sandstone.					
Depth	Type	Records						
Groundwater Entries Soil Structure Soil 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. Scale 1:25 (c) ESG www.esg.co.uk 426.4818/11/2014 11:51:48			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1		

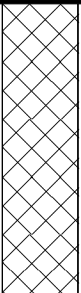
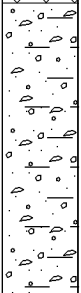
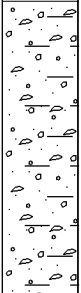
Trial Pit Log

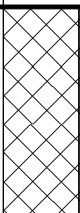
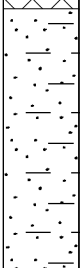


Logged LF Checked AP	Start 26/06/2014 End 26/06/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.8m Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 2.90 m A B C 050 (Deg)	Ground Level Coordinates National Grid Chainage		
Samples and Tests		Strata				
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Bac fill Instruments
0.50	ES 1		1 (MADE GROUND) Soft orangish brown slightly sandy gravelly CLAY with medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone and concrete. Cobbles are angular to subrounded of sandstone and concrete. Sand is fine. (VO = 0,0)	0.60		
1.50	ES 2		2 Greyish brown slightly gravelly clayey fine SAND with low cobble content. Gravel is angular to subrounded of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 1,1)	2.40		
2.50	ES 3		3 Dark grey slightly gravelly clayey fine SAND with medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 2,2)	2.80		
			EXPLORATORY HOLE ENDS AT 2.80 m	2.80 m Sandstone bedrock		
Depth	Type	Records				
Groundwater Entries Soil Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Sunny,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 426.4805/02/2015 16:21:32			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	



Logged JAF Checked AP		Start 15/07/2014 End 15/07/2014	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	
0.50	ES 1		1 Orangish brown sandy silty subangular to subrounded, fine to coarse GRAVEL of sandstone with occasional subrounded cobbles of sandstone. (VO = 0,0)	(4.50)			
1.50	ES 2						
2.50	ES 3						
3.50	ES 4						
4.50	ES 5		EXPLORATORY HOLE ENDS AT 4.50 m	4.50			
Depth	Type	Records					
Groundwater Entries Soil Structure 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 13:07:34 AGS			Project Coedarcy Sitewide Trial Pitting Project O Carried out for Stodwen Developments Limited		Trial Pit I Sheet 1 of 1		

Logged JAF Checked AP		Start 04/07/2014 End 04/07/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.00m Terminated on hard strata		Dimensions and Orientation Width 1.55 m Length 3.50 m A B C 000 (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) Blackish brown slightly sandy silty subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subrounded of sandstone. Frequent roots and wood fragments. (VO = 0,0)				(1.00)		
1.50	ES 2		2 Brownish grey sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subrounded tabular of sandstone. Occasional wood fragments. (VO = 0,0)				(1.00)		
2.50	ES 3		3 Brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 0,0)				(1.00)		
			EXPLORATORY HOLE ENDS AT 3.00 m				3.00		
Depth	Type	Notes							
Groundwater Entries Structure Soil Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m				Stability Stable Shoring None Weather Wet		
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 13:07:37 			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited				Trial Pit I Sheet 1 of 1		

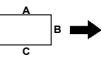
Logged LF Checked AP	Start 26/06/2014 End 26/06/2014	Equipment methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.6m Terminated on Bedrock	Dimensions and Orientation Width 1.60 m Length 2.90 m A B C ➡ 180 (Deg)	Ground Level Coordinates Stational Grid Chainage		
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth / Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly sandy slightly clayey angular to subrounded, fine to coarse GRAVEL of sandstone and concrete with medium cobble content. Cobbles are subrounded of sandstone. Sand is fine. (VO = 0,0)	(0.70)		
1.50	ES 2		2 Soft orangish brown slightly gravelly clayey fine SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	0.70 (0.90)		
			EXPLORATORY HOLE ENDS AT 1.60 m 1.60 m Weathered Sandstone Bedrock	1.60		
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, 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 426.4806/05/2015 13:07:40 			Project Coedarcy Sitewide Trial Pitting Project Officer Carried out for Stodwen Developments Limited	Trial Pit  Sheet 1 of 1		

Trial Pit Log

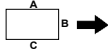
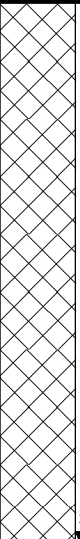


Logged LF Checked AP	Start 02/07/2014 End 02/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.5m Refusal on cobbles and boulders	Dimensions and Orientation Width 1.60 m Length 3.20 m A B C 120 (Deg)	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly sandy slightly clayey angular to subrounded, fine to coarse GRAVEL of sandstone and brick with medium cobble content. Cobbles are subangular to subrounded of sandstone. Sand is fine. (VO = 0,0)	(1.10)		
1.50	ES 2		2 Greyish brown slightly clayey SAND and GRAVEL with medium cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to subrounded. Sand is fine to medium. (VO = 0,0)	1.10 (0.40)		
			EXPLORATORY HOLE ENDS AT 1.50 m	1.50		
Depth	Type	Notes				
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 426.4804/08/2014 09:27:25			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit 1 Sheet 1 of 1		

Logged LF Checked AP	Start 26/06/2014 End 26/06/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on Bedrock	Dimensions and Orientation Width 1.60 m Length 3.20 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 (MADE GROUND) Brown and black slightly sandy slightly clayey angular to subrounded, fine to coarse GRAVEL of sandstone, concrete, brick and slag with high cobble content. Cobbles are angular to subrounded of sandstone, brick and concrete. Sand is fine of ash. (VO = 0,0)	(0.90)
1.50	ES 2		2 Soft orangish brown slightly gravelly sandy CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	(0.90)
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80
			1.80 m Weathered Sandstone Bedrock	
Depth	Type	Date Records		
Groundwater Entries Soil Structure Soil Striae 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 1 Sheet 1 of 1

Logged LF Checked AP		Start 26/06/2014 End 26/06/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.9m Terminated on bedrock		Dimensions and Orientation Width 1.60 m Length 2.90 m  180 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests				Strata				Ground Level	
Depth		Type		Remarks		Description		Depth Level / Thickness	
0.50		ES 1				1 (MADE GROUND) Grey and black slightly clayey, slightly sandy angular to subrounded, fine to coarse GRAVEL of sandstone, concrete, slag and brick with high cobble content. Sand is fine to coarse of ash. Cobbles are angular to subrounded, fine to coarse of sandstone. (VO = 0,0)		(1.20)	
1.40		ES 2				2 (MADE GROUND) Soft orangish grey slightly sandy slightly gravelly CLAY. Gravel is angular to subrounded, fine to coarse of sandstone. Sand is fine. Frequent decaying rootlets. (VO = 0,0)		1.20 (0.30)	
1.80		ES 3				3 (MADE GROUND) Dark grey and black slightly gravelly clayey fine SAND of ash. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 2,1)		1.50 (0.40)	
						1.90 m Sandstone bedrock EXPLORATORY HOLE ENDS AT 1.90 m		1.90	
Depth		Type		Remarks		Description		Depth Level / Thickness	
Groundwater Entries Structure / Stratum 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.				Project Coedarcy Sitewide Trial Pitting Project Code Carried out for Stodwen Developments Limited				Trial Pit 1 Sheet 1 of 1	

Trial Pit Log

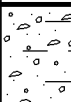
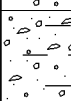
Logged LF Checked AP		Start 27/06/2014 End 27/06/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.3m Terminated due to water strike.	Dimensions and Orientation Width 1.60 m Length 3.20 m 		Ground Level - Coordinates - Stational - Chainage -
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Orangish brown slightly gravelly clayey fine SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone and concrete. Cobbles are angular to subangular, fine to coarse of sandstone and concrete. (VO = 0,0)	(1.80)		
1.50	ES 2			1.80		
2.50	ES 3		2 Dark grey and black becoming brown slightly clayey SAND and GRAVEL with high cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to rounded of sandstone. (VO = 2,1)	(1.50)		
3.30	ES 4		EXPLORATORY HOLE ENDS AT 3.30 m	3.30		
Depth	Type	Notes				
Groundwater Entries 1 1.80 Fast inflow. Slight hydrocarbon sheen			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 Conducted by Carried out for 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 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 Dark brown sandy slightly 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 subangular to well rounded of sandstone. (VO = 2,2)	(0.50)		
			EXPLORATORY HOLE ENDS AT 0.50 m	0.50		
Depth	Type	Remarks				
Groundwater Entries Structure, Strata Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m 0.00 No Samples Obtained.		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 426.4809/01/2015 15:14:23 			Project Coedarcy Site-wide Trial Pitting Project Coedarcy Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	

Logged JAF Checked AP		Start 18/07/2014 End 18/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Terminated due to contamination	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
0.50	ES 1		1 (MADE GROUND) Brown silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 0,0)	(0.70)		
1.50	ES 2		2 (MADE GROUND) Black silty sandy CLAY. Occasional subrounded cobbles of sandstone. (VO = 3,3)	0.70 (1.10)		
2.50	ES 3		3 (MADE GROUND) Grey orangish sandy gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 3,3)	1.80 (1.20)		
3.50	ES 4		4 (MADE GROUND) Orange stained brown CLAY. Strong hydrocarbon odour. (VO = 4,4)	3.00 (0.80)		
4.50	ES 5		5 (MADE GROUND) Black SAND and GRAVEL. Sand is fine to coarse of ash. Gravel is angular to subrounded, fine to coarse of clinker and possible waste. (VO = 4,4)	3.80 (0.70)		
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
Depth	Type	Notes				
Groundwater Entries Soil Structure 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 13:08:09 			Project Co-ordination Site-wide Trial Pitting Project Co-ordination Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	

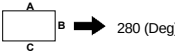
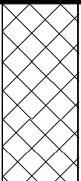
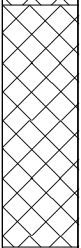
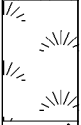
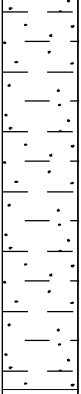
Logged LF Checked AP	Start 01/07/2014 End 01/07/2014	Equipment methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.00m Unable to progress beyond 3.00m	Dimensions and Orientation Width 1.60 m Length 3.00 m A B C 080 (Deg)	Ground Level Coordinates Stational Chainage		
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Brown, black and orangish brown slightly sandy slightly clayey angular to subrounded, fine to coarse GRAVEL of sandstone, brick and concrete with high cobble content. Cobbles are subrounded of sandstone. Frequent large ash pockets. (VO = 0,0)	(0.90)		
1.00	ES 2		2 Black slightly gravelly silty fine SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	0.90 1.00		
1.50	ES 3		3 Soft grey mottled yellow slightly gravelly sandy CLAY with high cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Sand is fine. (VO = 0,0)	(2.00)		
2.50	ES 4					
			EXPLORATORY HOLE ENDS AT 3.00 m	3.00		
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 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 426.4813/08/2014 10:57:11 			Project Coedarcy Site-wide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1		

Logged LF Checked AP	Start 30/06/2014 End 30/06/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.0m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.20 m A B C ➔ 200 (Deg)		Ground Level Coordinates Stational Grid Chainage	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Level Thickness	Legend	Backfill Instrument
0.50	ES 1		1 Brown slightly sandy slightly clayey angular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subangular to subrounded of sandstone. Sand is fine. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Dark grey slightly sandy clayey angular to subrounded, fine to coarse GRAVEL of siltstone and sandstone. Sand is fine of ash. (VO = 0,0)	1.00 (0.70)		
2.50	ES 3		3 Orangish brown slightly gravelly clayey fine SAND with medium cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to rounded of sandstone. (VO = 0,0)	1.70 (1.00)		
3.00	ES 4		4 Stiff grey slightly sandy gravelly CLAY. Gravel is angular of siltstone. Sand is fine. (VO = 0,0)	2.70 (0.30)		
			EXPLORATORY HOLE ENDS AT 3.00 m	3.00 m Weathered Bedrock	3.00	
Depth	Type	Notes				
Groundwater Entries Structure Cost 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 426.4809/07/2014 11:19:45 			Project Coedarcy Sitewide Trial Pitting Project Code Carried out for Stodwen Developments Limited			Trial Pit  Sheet 1 of 1

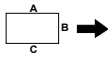
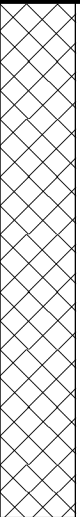
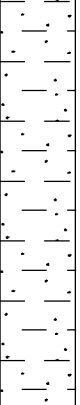
Trial Pit Log



Logged LF Checked AP	Start 27/06/2014 End 27/06/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.0m Terminated on Bedrock	Dimensions and Orientation Width 1.40 m Length 3.20 m 	Ground Level Coordinates National Grid Chainage	- - - -
Samples and Tests			Strata		
Depth	Type	Date Records	Description	Depth Level/ Thickness	Legend Back fill Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly sandy slightly clayey angular to subrounded, fine to coarse GRAVEL of sandstone, slag, brick and concrete with high cobble content. Cobbles are angular to subrounded of sandstone and brick. Sand is fine. (VO = 0,0)	(1.80)	
1.80	ES 2		2 Soft dark grey and black sandy CLAY. Sand is fine. Frequent pockets of spongy black fibrous peat. (VO = 0,0)	1.80 (0.30)	
2.50	ES 3		3 Soft light grey mottled yellow slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine. (VO = 0,0)	2.10 (0.90)	
3.60	ES 4		4 Black gravelly slightly silty fine SAND. Gravel is fine to coarse of coke and coal. (VO = 0,0)	3.00 (1.20)	
			EXPLORATORY HOLE ENDS AT 4.20 m 4.20 m Sandstone Bedrock	4.20	
Depth	Type	Date Records			
Groundwater Entries Soil Structure 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.			Project Co-ordination Site-wide Trial Pitting Project Co-ordination Carried out for Stodwen Developments Limited		
Scale 1:25 (c) ESG www.esg.co.uk 426.4823/07/2014 14:26:57			Trial Pit 1 Sheet 1 of 1		

Logged LF Checked AP		Start 26/06/2014 End 26/06/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.1m Terminated on bedrock	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	Borehole Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly sandy slightly clayey angular to subrounded, fine to coarse GRAVEL of sandstone, concrete, brick and slag with high cobble content. Cobbles are angular to subrounded of sandstone. Sand is fine to medium. (VO 0,0)	(0.60)		
			2 (MADE GROUND) Dark grey and black slightly sandy clayey angular to subrounded, fine to coarse GRAVEL of sandstone and brick with medium cobble content. Cobbles are angular to subrounded of sandstone and brick. Sand is fine. (VO = 3,3)	0.60 (0.80)		
1.50 1.60	ES 2 ES 3		3 Black spongy fibrous PEAT with occasional pockets of dark grey clay. (VO = 3,3)	1.40 (0.40)		
2.50	ES 4		4 Soft to firm grey mottled yellow slightly gravelly sandy CLAY. Gravel is angular to subrounded, fine to coarse of sandstone. Sand is fine. (VO = 1,1)	1.80 (1.30)		
			EXPLORATORY HOLE ENDS AT 3.10 m	3.10 m Sandstone 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 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 426.4906/05/2015 13:08:22 			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	

Trial Pit Log

Logged LF Checked AP		Start 27/06/2014 End 27/06/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 4.0m Terminated on Bedrock	Dimensions and Orientation Width 1.60 m Length 3.20 m  080 (Deg)		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) Brown slightly sandy slightly clayey angular to subrounded, fine to coarse GRAVEL of sandstone, brick and concrete with high cobble content. Cobbles are angular to subrounded of sandstone and brick. Sand is fine to medium. (VO = 0,0)	(1.70)		
1.60	ES 2		2 Spongy black fibrous PEAT (VO = 0,0)	1.70 1.80		
2.50	ES 3		3 Soft light grey mottled yellowish grey slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine. (VO = 0,0)	(1.40)		
3.50	ES 4		4 Orangish grey and black clayey SAND and GRAVEL. Gravel is angular to subangular, fine to coarse of sandstone. Sand is fine. (VO = 0,0)	3.20 (0.80)		
			EXPLORATORY HOLE ENDS AT 4.00 m	4.00		
			4.00 m Weathered Sandstone Bedrock			
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 Cloud and 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



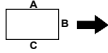
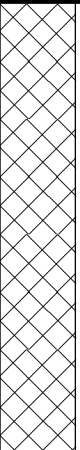
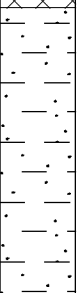
Logged LF Checked AP	Start 01/07/2014 End 01/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.00 m A B C 180 (Deg)		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Borefill Instruments
0.50	ES 1		1 (MADE GROUND) Brown and black slightly sandy clayey angular to subrounded, fine to coarse GRAVEL of sandstone and brick with high cobble content. Cobbles are subangular to subrounded of sandstone. Sand is fine. (VO = 0,0)	(0.90)		
1.50	ES 2		2 Soft grey mottled yellow slightly gravelly sandy CLAY with medium cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to rounded of sandstone. Sand is fine. (VO = 0,0)	(0.90)		
2.40	ES 3		3 Stiff brown friable slightly gravelly CLAY. Gravel is angular to subrounded, fine to coarse of siltstone lithoretics. (VO = 0,0)	(0.60)		
			EXPLORATORY HOLE ENDS AT 2.40 m	2.40 m Weathered bedrock		
Depth	Type	Remarks				
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 426.4904/08/2014 09:27:37			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit 1 Sheet 1 of 1	

Trial it Log



Logged JAF Checked AP		Start 18/07/2014 End 18/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.00m Terminated at maximum reach of excavator	Dimensions and Orientation Width 1.55 m Length 4.50 m A B C		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type	Date	Description	Depth Level	Thickness	Legend	Bore fill Instruments
0.50	ES 1		1 (MADE GROUND) Brown silty sandy subangular to subrounded, fine to coarse GRAVEL of brick, metal and sandstone. (VO = 0,0)	0.60			
1.50	ES 2		2 (MADE GROUND) Blackish grey sandy CLAY with occasional cobbles of brick and sandstone. (VO = 1,2)	1.70			
2.50	ES 3		3 Grey and brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 3,3)	3.00			
3.50	ES 4		4 Orangish brown clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subrounded of sandstone. (VO = 2,3)	3.50-5.00 m Becoming sandy	(2.00)		
4.50	ES 5						
Depth	Type	Date	EXPLORATORY HOLE ENDS AT 5.00 m				
Groundwater Entries Soil Structure 1 3.50 Slow seepage			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 426.4814/08/2014 11:16:17			Project Coedarcy Sitewide Trial Pitting Project for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1	

Trial Pit Log

Logged LF Checked AP		Start 27/06/2014 End 27/06/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.5m Terminated on Bedrock	Dimensions and Orientation Width 1.60 m Length 3.40 m  060 (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) Brown slightly sandy slightly clayey angular to subrounded, fine to coarse GRAVEL of sandstone, brick, concrete and slag with high cobble content. Cobbles are angular to subrounded of sandstone and brick. Sand is fine to medium. (VO = 0,0)	(1.50)			
1.50	ES 2		2 Soft light grey mottled yellowish grey slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine. Occasional decomposing rootlets. Rare back spongy fibrous peat pockets (100 x 100mm). (VO = 0,0)	1.50 (1.00)			
2.50	ES 3		3 Orangish grey and black clayey SAND and GRAVEL. Gravel is angular to subangular, fine to coarse of sandstone. Sand is fine. (VO = 0,0)	2.50			
3.00	ES 4			(1.00)			
			EXPLORATORY HOLE ENDS AT 3.50 m	3.50			
			3.50 m Sandstone Bedrock				
Depth	Type	Notes					
Groundwater Entries Observed Structure Behaviour None observed (see Key Sheet)			Depth Related Remarks From to m		Stability Stable Shoring None Weather Cloud and 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 Sitewide Trial Pitting Project Co-ordinator Carried out for Stodwen Developments Limited		Trial Pit  Sheet 1 of 1		



Logged LF Checked AP		Start 26/06/2014 End 26/06/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated on Bedrock	Dimensions and Orientation Width 1.60 m Length 3.20 m A B C 220 (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) Brown becoming dark grey and black at 0.9m slightly sandy slightly clayey angular to subrounded, fine to coarse GRAVEL of sandstone, brick and concrete with high cobble content. Cobbles are angular to subrounded of sandstone and brick. (V O= 0,0 becoming VO = 3,3 at 0.9m)	(1.90)				
1.40	ES 2							
2.10	ES 3		2 Spongy black fibrous PEAT. (VO = 3,3)	1.90 (0.40)				
			3 Soft to firm light grey mottled yellow slightly gravelly sandy CLAY. Gravel is angular to subrounded, fine to coarse of sandstone. Sand is fine. (VO = 0,1)	2.30 (1.10)				
3.40	ES 4		EXPLORATORY HOLE ENDS AT 3.40 m	3.40				
			3.40 m Bedrock					
Depth	Type	Notes						
Groundwater Entries Structure 1 1.90 Slight seepage with hydrocarbon sheen			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 426.4806/05/2015 13:08:25			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited			Trial Pit 1 Sheet 1 of 1		

Trial it Log



Logged DD Checked AP		Start 14/07/2014 End 14/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.80m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 270 (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 locally stiff brown slightly sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles are subrounded of sandstone. (VO = 0,0)	(2.40)			
1.50	ES 2		2 Firm grey strongly fissured sandy gravelly CLAY with medium to high cobble content and low to medium boulder content. Gravel is angular to subangular flat tabular, fine to coarse of sandstone. Cobbles and boulders are angular to subangular of sandstone. (VO = 0,0)	2.40 (0.40)			
			EXPLORATORY HOLE ENDS AT 2.80 m	2.80			
Groundwater Entries Structure 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 Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit Sheet 1 of 1		



Trial Pit Log



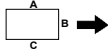
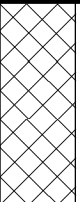
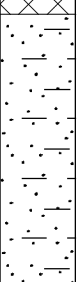
Logged LF Checked AP	Start 04/07/2014 End 04/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on weathered bedrock	Dimensions and Orientation Width 1.60 m Length 3.40 m A B C 040 (Deg)	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level / Thickness	Legend	Backfill Instruments
0.50	ES 1		1 Brown slightly clayey sandy angular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are angular to subrounded of sandstone. Sand is fine. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Orangish brown and brown slightly clayey gravelly fine SAND with medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	(1.20)		
2.20	ES 3		EXPLORATORY HOLE ENDS AT 2.20 m 2.20 m Weathered bedrock	2.20		
Depth	Type	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 (c) ESG www.esg.co.uk 426.4806/11/2014 11:44:29			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited	Trial Pit Sheet 1 of 1		

Logged JC Checked AP	Start 10/07/2014 End 10/07/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.80m Terminated on bedrock.	Dimensions and Orientation Width 1.80 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	Borehole Instruments
0.50	ES 1		1 Brownish grey slightly clayey SAND and GRAVEL. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. Cobbles are angular to subangular, fine to coarse of sandstone. (VO = 0,0)	(2.80)		
1.50	ES 2					
2.50	ES 3		1.90 m Low boulder content. Boulders are tabular angular to subangular.			
			EXPLORATORY HOLE ENDS AT 2.80 m	2.80		
Depth	Type	Records				
Groundwater Entries Soil Structure and 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.			Project Coedarcy Site-wide Trial Pitting Carried out for Stodwen Developments Limited	Trial Pit I Sheet 1 of 1		

Trial it Log

Logged JC Checked AP		Start 10/07/2014 End 10/07/2014		Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.10m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.20 m A B C ➔		Ground Level Coordinates Stational ID Chainage		- - -	
Samples and Tests				Strata							
Depth		Type No		Date Records		Description		Depth Level Thickness		Legend	Backfill Instruments
0.50		ES 1				1 Brown slightly clayey SAND and GRAVEL with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse. Cobbles and boulders are angular to subangular tabular of sandstone. (VO = 0,0)		(2.10)			
1.50		ES 2									
						EXPLORATORY HOLE ENDS AT 2.10 m		2.10			
Depth		Type No		Date Records							
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 426.4824/01/2015 15:46:43 				Project Coedarcy Sitewide Trial Pitting Project O Carried out for Stodwen Developments Limited				Trial Pit I Sheet 1 of 1			

Trial Pit Log

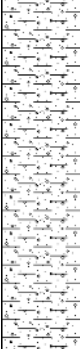
Logged LF Checked AP		Start 26/06/2014 End 26/06/2014	Equipment Komatsu PC210 Methods and Remarks Machine excavated trial pit from GL to 1.6m Terminated on Bedrock	Dimensions and Orientation Width 1.60 m Length 2.80 m  050 (Deg)		Ground Level - Coordinates - Stational Grid - Chainage -
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth / Level / Thickness	Legend	Backfill / Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly sandy clayey angular to subrounded, fine to coarse GRAVEL of sandstone, concrete and brick with medium cobble content. Cobbles are angular to subrounded of sandstone and brick. Sand is fine. (VO = 0,0)	(0.70)		
1.50	ES 2		2 Orangish brown gravelly clayey fine SAND with high cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	(0.90)		
			EXPLORATORY HOLE ENDS AT 1.60 m	1.60		
			1.60 m Weathered Sandstone 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 Sunny, 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: Site-wide Trial Pitting Project Officer: Stephen Owen Developments Limited		Trial Pit T Sheet 1 of 1	

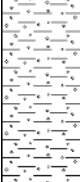
Trial Pit Log

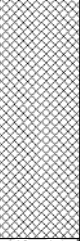


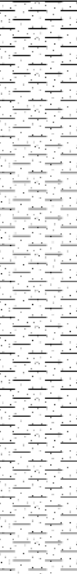
Logged LF Checked AP	Start 26/06/2014 End 26/06/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.6m Terminated on Bedrock	Dimensions and Orientation Width 1.60 m Length 2.90 m A B C 240 (Deg)	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type	Notes	Description	Depth Level/Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly sandy clayey angular to subrounded, fine to coarse GRAVEL of sandstone and concrete with medium cobble content. Cobbles are angular to subrounded of sandstone. (VO = 0,0)	(0.60)		
1.50	ES 2		2 Orangish brown slightly gravelly clayey fine SAND with high cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	0.60 (1.00)		
			EXPLORATORY HOLE ENDS AT 1.60 m	1.60		
			1.60 m Weathered Sandstone Bedrock			
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 Sunny, 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 Coedarcy Carried out for Stodwen Developments Limited		Trial Pit T Sheet 1 of 1	



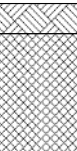
				Trial Pit Log				Trialpit No T E Sheet 1 of 1							
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_SS		Co-ords: - Level: mAOS		Date							
Location: Coed Darcy				Dimensions (m): Depth 3.40		m E		Scale 1:25							
Client: St Modwen								Logged PJ							
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria						
	Depth	Type	Results												
	0.10	ES								0.20			Dark brown sandy gravelly CLAY. (Topsoil) (V/O=0/0)		
	1.00	ES								1.40			Yellow brown sandy slightly CLAY. Gravel is fine to coarse angular sandstone. (V/O=0/0)		1
	1.80	ES								3.00			Soft brown slightly sandy CLAY with amorphous organic material. Strong organic odour. (V/O=0/0) At 1.4m partially decomposed timber present.		2
	3.10	ES								3.40			Very soft grey mottled sandy gravelly CLAY. Strong organic odour. (V/O=0/0)		3
													End of pit at 3.40 m		4
															5
Remarks: 1. Slight groundwater seepage from 3.0m bgl. 2. Trial pit sides collapsing from 3.0m bgl. 3. Trial pit stopped due to trial pit sides collapsing.															
GroundWater Remarks:															

ATKINS				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_SS		Co-ords: - Level: mAOS		Date	
Location: Coed Darcy				Dimensions (m):		m		Scale 1:25	
Client: St Modwen				Depth 5.00		E		Logged PJ	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.10	ES		0.60			Dark brown sandy gravelly CLAY. (Topsoil) (V/O=0/0)		
	1.00	ES					Yellow Brown sandy gravelly CLAY. (V/O=0/0)		1
	2.10	ES		2.00		Stiff friable slightly gravelly CLAY. Gravel is fine to coarse angular to subangular sandstone. (V/O=1/2) At 2.8m 200mm diameter backfilled concrete pipe. From 4.0m (V/O=0/0)		2	
	3.00	ES						3	
	4.00	ES						4	
4.90	ES		5.00			End of pit at 5.00 m		5	
Remarks: 1. No groundwater encountered. 2. Trial pit sides stable									
GroundWater Remarks:									

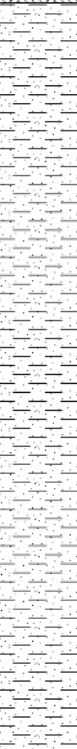
				Trial Pit Log				Trialpit No T	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270979.16 - 195194.81 Level: 48.64mAOS		Sheet 1 of 1 Date 03/06/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 2.00		Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.60	ES		0.80	47.84		MADE GROUND: Dark brown sandy gravelly CLAY. Brick fragments, rare clinker.	1	0
	1.60	ES		2.00	46.64		Dark brown, very sandy gravelly clay, abundant SST cobbles. Pit terminated at bedrock.	0	0
							End of pit at 2.00 m		
1 2 3 4 5									
Remarks:									
Stability: Stable GroundWater Remarks:									

				Trial Pit Log				Trialpit No T	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270863.48 - 195187.59 Level: 36.54mAOS		Sheet 1 of 1 Date 10/06/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.80		Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.60	ES		0.60	35.94		Orange/brown sandy CLAY. 10cm diameter pipe at surface. Intact bricks, rubble, parts of brick wall within top 0.5m. Concrete slab, Occasional ashy soil.	1	0
				0.80	35.74		Black ashy SAND	1	0
	1.20	ES					Orange/grey CLAY.	0	0
	2.10	ES		1.90	34.64		Blue/grey CLAY. Becomes more gravelly towards base. Clinker and blast furnace product noted towards base.	1	0
	3.20	ES		3.80	32.74		End of pit at 3.80 m		
Remarks:									
Stability: Stable GroundWater Remarks:									



				Trial Pit Log				Trialpit No T	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270864.36 - 195212.82 Level: 37.23mAOS		Sheet 1 of 1 Date 10/06/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.90		Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.40	ES		0.10	37.13		TOPSOIL: dark brown sandy CLAY.	0	0
				0.50	36.73		MADE GROUND: Black ashy clayey SAND. Brick fragments.	1	0
	1.20	ES		1.80	35.43		Grey/orange CLAY	0	0
	3.30	ES		3.90	33.33		Dark blue/grey sandy CLAY. Clinker, furnace products and ash noted.	1	0
End of pit at 3.90 m									
Remarks:									
Stability: Stable GroundWater Remarks:									

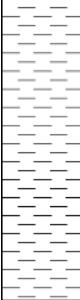


				Trial Pit Log				Trialpit No T	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270866.38 - 195231.33 Level: 39.99mAOS		Sheet 1 of 1	
Location: Coed Darcy						Dimensions (m): m		Date 11/06/2014	
Client: St Modwen						Depth 4.50		Scale 1:25 Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.20	ES		0.20	39.79		TOPSOIL: black ashy sandy soil.	1	0
	1.20	ES					Light orange/brown sandy CLAY. Brick fragments.	0	0
	2.60	ES		2.70	37.29		Black sandy PEAT, rootlets visible.	0	0
	3.90	ES		2.80	37.19		Blue/grey sandy CLAY, SST cobbles, pockets of clayey blue/grey sand.	0	0
				4.50	35.49		End of pit at 4.50 m		
Remarks:									
Stability: Stable GroundWater Remarks:									



				Trial Pit Log				Trialpit No T	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270868.39 - 195250.56 Level: 41.17mAOS		Sheet 1 of 1	
Location: Coed Darcy				Dimensions (m):		Scale 1:25			
Client: St Modwen				Depth 3.40		Logged ERB			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.20	ES		0.10	41.07		TOPSOIL: grey sandy CLAY.	0	0
							MADE GROUND: orange/brown sandy CLAY. Intact bricks, brick fragments.	0	0
	1.30	ES		1.20	39.97		Blue/grey sandy CLAY. Becomes more gravelly towards base, frequent SST cobbles. Groundwater at 2.9m.	0	0
	2.60	ES		3.40	37.77		End of pit at 3.40 m		
Remarks:									
Stability: Stable GroundWater Remarks:									



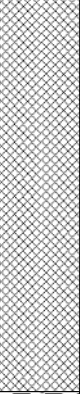
				Trial Pit Log				Trialpit No T	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270870.68 - 195274.77 Level: 41.41mAOS		Sheet 1 of 1 Date 11/06/2014	
Location: Coed Darcy						Dimensions (m):		Scale 1:25	
Client: St Modwen						Depth 1.50		Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.30	ES		0.50	40.91		Dark brown sandy CLAY with SST cobbles.	0	0
	0.90	ES					Dark blue/grey CLAY. Some pockets of very soft blue sand. Large concrete slabs at 0.7m, ceramic water pipe at 1.1m, filled base of pit with water. Pit terminated due to flooding.	0	0
				1.50	39.91	End of pit at 1.50 m			
Remarks:									
Stability: Stable GroundWater Remarks:									

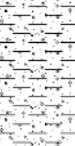
				Trial Pit Log				Trialpit No T	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270866.70 - 195301.04 Level: 41.52mAOS		Sheet 1 of 1 Date 11/06/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.50		Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.40	ES		2.80	38.72		Grey/brown/orange sandy CLAY, with SST cobbles. Pockets of beige clay and blue sandy clay. Relic root layer at 0.7m.	0	0
	1.40	ES					Light brown very sandy, gravelly CLAY. SST cobbles and pockets of orange clay, tabulated SST.		
	2.60	ES							
	3.80	ES		4.50	37.02		End of pit at 4.50 m		

Remarks:

 Stability: Stable
 GroundWater
 Remarks:

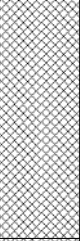


				Trial Pit Log				Trialpit No T	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270881.27 - 195332.82 Level: 41.66mAOS		Sheet 1 of 1	
Location: Coed Darcy						Dimensions (m): m		Date 11/06/2014	
Client: St Modwen						Depth 3.10		Scale 1:25 Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.30	ES		1.30	40.35		MADE GROUND: Grey/black CLAY. Brick fragments, intact bricks, rootlets.	0	0
	1.40	ES					Grey/black gravelly CLAY. Tabulated SST. Groundwater at 1.3m, flooded base. Pit terminated.	0	0
	2.50	ES		3.10	38.56		End of pit at 3.10 m		
Remarks:									
Stability: Stable GroundWater 1.3m -Flow Remarks:									

				Trial Pit Log				Trialpit No T	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270883.37 - 195308.89 Level: 41.94mAOS		Sheet 1 of 1 Date 11/06/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.70		Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.40	ES		0.50	41.44		Dark brown sandy slightly gravelly CLAY. Blue/grey cobbles of SST.	0	0
	1.40	ES					Grey brown/orange sandy CLAY with SST cobbles. Slight hydrocarbon sheen and strong hydrocarbon odour. Groundwater at 3.1m. Becomes more grey with depth, frequent SST cobbles. Pit terminated due to sides collapsing in.		
	2.80	ES							
	4.00	ES							
	4.70								End of pit at 4.70 m

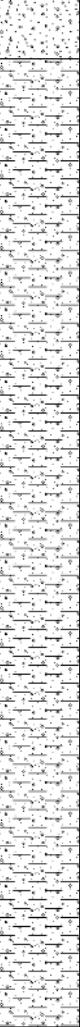
Remarks:
 Stability: Stable
 GroundWater: 3.1m -Flow
 Remarks:



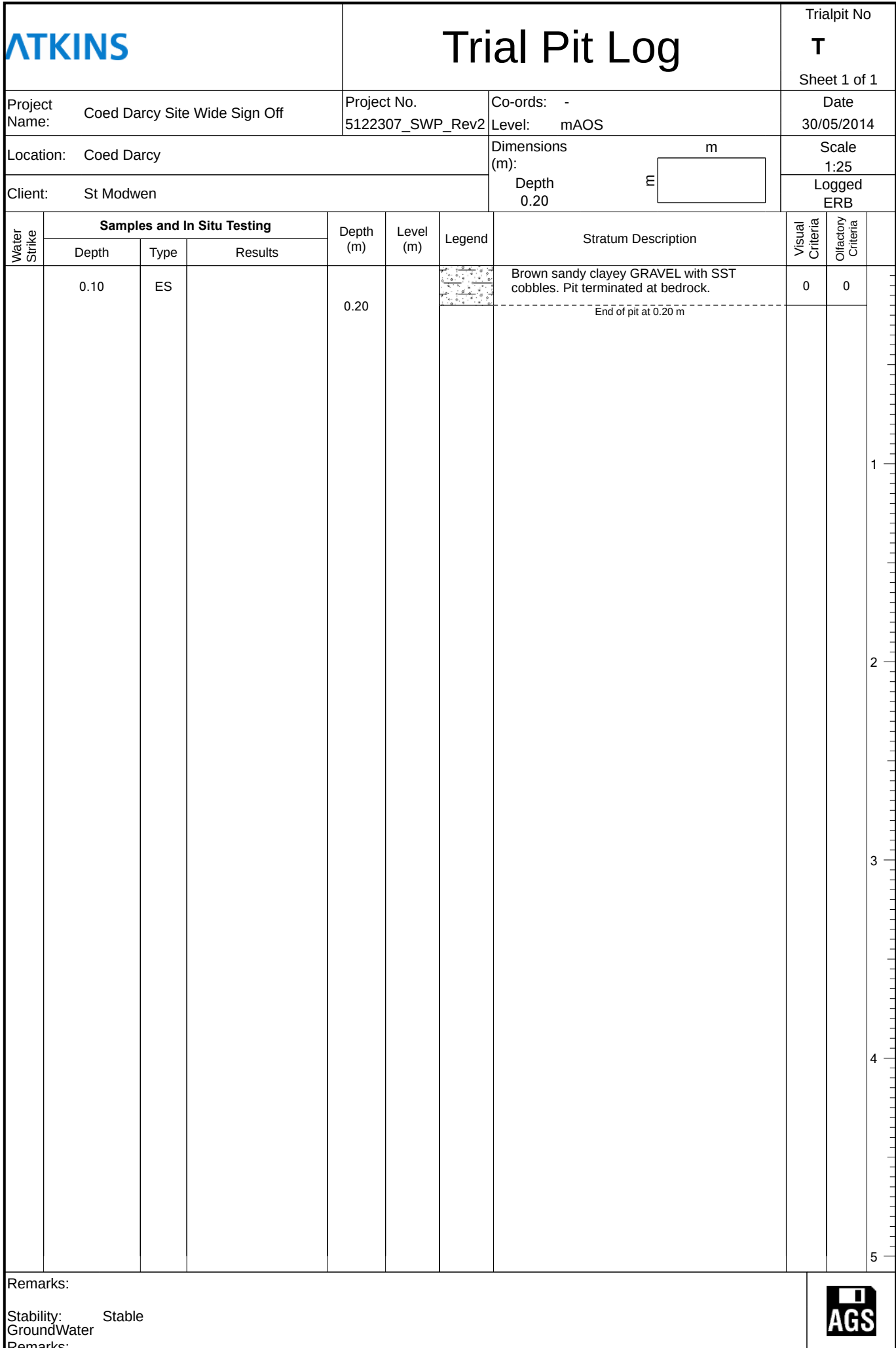
				Trial Pit Log				Trialpit No T	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270887.11 - 195278.12 Level: 41.67mAOS		Sheet 1 of 1 Date 11/06/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.30		Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.40	ES		0.80	40.87		MADE GROUND: Dark brown sandy CLAY. Brick fragments and intact bricks. Groundwater seepage at 1.0m.	0	0
	1.40	ES					MADE GROUND: Blue/grey gravelly sandy CLAY. Tabulated SST. Intact bricks and remnants of water pipe. hydrocarbon odour.		1
	2.60	ES					1	3	
	3.90	ES							
	4.30				4.30	37.37		End of pit at 4.30 m	
Remarks:									
Stability: Stable GroundWater Remarks:									



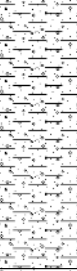
				Trial Pit Log				Trialpit No T	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270892.69 - 195257.30 Level: 41.79mAOS		Sheet 1 of 1	
Location: Coed Darcy				Dimensions (m):		Scale 1:25			
Client: St Modwen				Depth 4.20		Logged ERB			

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria		
	Depth	Type	Results								
	0.20	ES					TOPSOIL: dark brown sandy CLAY	0	0		
	0.90	ES		0.80 1.00	40.99 40.79			Dark blue/black ashy gravelly SAND. Slight hydrocarbon sheen. Brick fragments, and dark staining on SST cobbles. Dark brown/orange gravelly, very sandy CLAY. SST cobbles, tabulated SST, blast furnace deposits towards base. Groundwater seepage at 1.2m.	1	1	1
	2.00	ES							1	1	2
	3.40	ES									3
					4.20	37.59		End of pit at 4.20 m			4
										5	

Remarks:		
Stability: Stable GroundWater: 1.2m Seepage		
Remarks:		



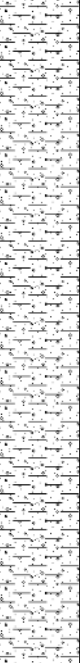
Logged JAF Checked AP		Start 18/08/2014 End 18/08/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.90m Terminated due to collapse.	Dimensions and Orientation Width 1.55 m Length 4.00 m 		Ground Level Coordinates National Grid Chainage
Samples and Tests			Strata			
Depth	Type	Notes/Records	Description	Depth Level Thickness	Legend	Backfill Instruments
0.50	ES 1		1 (MADE GROUND) Topsoil over blackish brown silty subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles and boulders are subrounded of sandstone and concrete. Frequent cables and metal pipes. (VO = 0,0)	(0.60)		
1.50	ES 2		2 Brown silty subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subrounded of sandstone. (VO = 0,0)	0.60 (1.00)		
2.50	ES 3		3 Orangish brown sandy gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	1.20 m Medium to high boulder content. Boulders are tabular of sandstone. 1.60 m Locally black stained.		
3.50	ES 4			(2.30)		
			EXPLORATORY HOLE ENDS AT 3.90 m	3.90		
Depth	Type	Notes/Records				
Groundwater Entries No Structural Test Behaviour 1 3.90 Slowing ingress of water			Depth Related Remarks From to m		Stability Unstable Shoring None Weather Showers	
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 426.4813/05/2015 16:54:50			Project Coedarcy Sitewide Trial Pitting Project Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1	

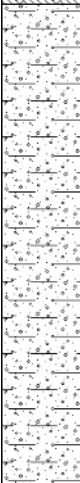
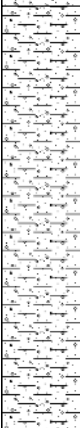
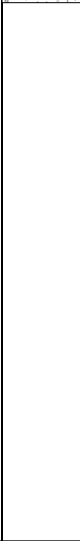
				Trial Pit Log				Trialpit No T E				
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 271034.15 - 195158.31 Level: 50.45mAOS		Date 10/04/2014				
Location: Coed Darcy						Dimensions (m): m		Scale 1:25				
Client: St Modwen						Depth 4.50		Logged DD				
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria			
	Depth	Type	Results									
	0.10	ES		0.90	49.55		Brown gravelly sandy CLAY. Gravel of sandstone. Occasional rootlets and plant debris.	0	0			
	1.50	ES					Grey sandy gravelly CLAY becoming sandier towards base. Sandstone cobbles. Darker grey colour towards base of pit. Occasional clinker fragments. Groundwater inflow (moderate) at 3.8m. Groundwater in base of pit with hydrocarbon sheen. Pockets of discontinuous hydrocarbon staining in last 0.5m. (VO: 0+0 at top of strata and 4+0 at base)		1			
												2
	4.30	ES		4.50	45.95		End of pit at 4.50 m	4	0			
									5			

Remarks:

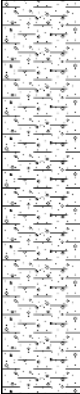
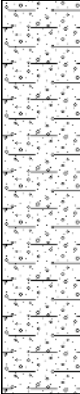
Stability: Stable
 GroundWater: Groundwater encountered at 3.8m
 Remarks:



				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 271000.00 - 195115.00 Level: 49.34mAOS		Sheet 1 of 1 Date 02/06/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.70		Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.40	ES		2.20	47.14		Brown/orange gravelly sandy CLAY, tabulated SST. Becomes more orange towards base.	0	0
	1.40	ES							
	2.70	ES							
	4.00	ES							
					4.70	44.64		Blue/grey sandy, slightly gravelly CLAY. Slight hydrocarbon sheen, Occasional black staining, fairly strong hydrocarbon odour	1
End of pit at 4.70 m									5
Remarks:									
Stability: Stable GroundWater Remarks:									

				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 271000.00 - 195135.00 Level: 48.26mAOS		Date 02/06/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.30		Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.30	ES		0.30	47.96		TOPSOIL: brown gravelly sandy CLAY	0	0
	1.00	ES					Brown sandy clayey GRAVEL	0	0
	2.00	ES		1.90	46.36		Black/grey sandy gravelly CLAY, greasy sheen	1	3
	3.00	ES		3.30	44.96		End of pit at 3.30 m		
Remarks:									
Stability: Stable GroundWater Remarks:									

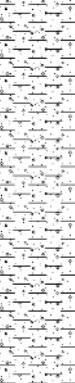
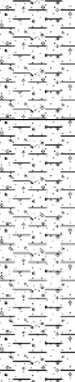


				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 271020.00 - 195140.00 Level: 49.21mAOS		Date 02/06/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 2.90		Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.20	ES		0.30	48.91		TOPSOIL: brown gravelly clayey SAND, fragments of brick, small clay pockets.	0	0
	0.80	ES					orange/brown sandy gravelly CLAY, SST cobbles.	0	0
	1.60	ES		1.60	47.61		Sandy clayey GRAVEL	0	0
	2.60	ES					End of pit at 2.90 m		
				2.90	46.31				

Remarks:

 Stability: Stable
 GroundWater
 Remarks:

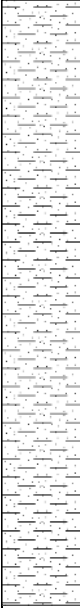


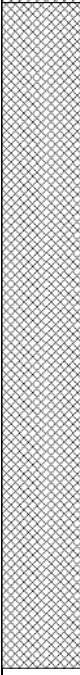
				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 271040.00 - 195175.00 Level: 50.88mAOS		Date 03/06/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.90		Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.40	ES		1.30	49.58		Dark brown gravelly sandy CLAY with SST cobbles.	0	0
	1.40	ES					Grey brown sandy gravelly CLAY, rounded SST gravel and cobbles. Slight greasy sheen.	1	1
	2.70	ES		1.70	49.18		Dark brown gravelly sandy CLAY with SST cobbles and tabulated SST. Groundwater seepage at 4.0m.	0	0
	4.00	ES					End of pit at 4.90 m		
				4.90	45.98				

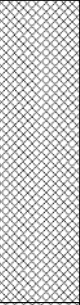
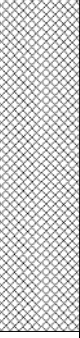
Remarks:

 Stability: Stable
 GroundWater: 4.0m Seepage
 Remarks:



				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 271020.00 - 195160.00 Level: 49.53mAOS		Date 02/06/2014	
Location: Coed Darcy						Dimensions (m):		Scale 1:25	
Client: St Modwen						Depth 2.30		Logged ERB	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.30	ES		0.30	49.23		TOPSOIL: Brown sandy CLAY, with 0.05m layer of ash.	1	0
	1.30	ES					Orange/brown sandy CLAY with cobbles of SST. Pit terminated at bedrock.	0	0
	2.20	ES		2.30	47.23		End of pit at 2.30 m		
Remarks: Stability: Stable GroundWater Remarks: 									

				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 271000.00 - 195155.00 Level: 47.68mAOS		Date 03/06/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.10		Logged	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.10	ES		0.30	47.38		Brown sandy gravelly CLAY. Gravel is sandstone. Thin band of ash at base, 0.05m thick. Occasional rootlets. Made Ground	0	0
	0.25	ES					Mid-brown sandy gravelly CLAY. Gravel is sandstone. Slight hydrocarbon staining but no odour. Loose metal sheet at 0.8m. Made Ground	1	0
	0.80	ES		0.90	46.78		Dark brown sandy gravelly CLAY. Gravel sandstone becoming tabular at base. Made Ground		
	2.00	ES		3.10	44.58		End of pit at 3.10 m		
Remarks: Pit terminated in natural ground.									
Stability: GroundWater Remarks:									

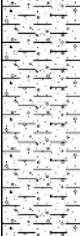
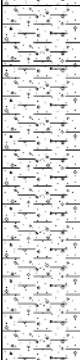
				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 271020.00 - 195180.00 Level: 49.48mAOS		Date 03/06/2014	
Location: Coed Darcy						Dimensions (m): m Depth 2.40 E 		Scale 1:25 Logged	
Client: St Modwen									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.20	ES		0.30	49.18		Brown sandy gravelly clay with Occasional rootlets. Gravel of sandstone and rare brick. Made Ground	0	0
	1.00	ES		1.30	48.18		Orange/brown sandy gravelly CLAY. Gravel is sandstone. Made Ground	0	0
	2.00	ES		2.40	47.08		Mid-brown sandy gravelly CLAY. Gravel is sandstone with loose cobbles towards base. Mild hydrocarbon odour. Made Ground	1	0
	End of pit at 2.40 m								
Remarks: Pit terminated in natural ground.									
Stability: GroundWater Remarks:									

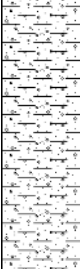
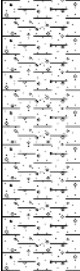
				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 270980.00 - 195180.00 Level: 49.53mAOS		Date 28/04/2014	
Location: Coed Darcy						Dimensions (m):		Scale 1:25	
Client: St Modwen						Depth 4.20		Logged DD	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
▼	0.20	ES		1.60	47.93		Mid brown sandy gravelly CLAY. Gravel of sandstone and glacial till. Ashy. Band of 0.3m thick hydrocarbon staining at 0.5m. Occasional rootlets/plant debris	2	0
	0.80	ES							
	1.80	ES		2.70	46.83		Dark brown sandy gravelly CLAY. Gravel of sandstone.	0	0
	3.00	ES							
				4.20	45.33		Grey/blue damp sandy gravelly CLAY. Gravel of sandstone. Distinct hydrocarbon staining and odour. Minor Groundwater seepage at 2.90m. Groundwater at base of hole with hydrocarbon sheen.	3	3
							End of pit at 4.20 m		

Remarks:

 Stability: Stable
 GroundWater: Groundwater encountered at 2.9m
 Remarks:



				Trial Pit Log				Trialpit No T E Sheet 1 of 1		
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 270900.00 - 195160.00 Level: 46.28mAOS		Date 28/04/2014		
Location: Coed Darcy						Dimensions (m): m		Scale 1:25		
Client: St Modwen						Depth 2.00		Logged DD		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria	
	Depth	Type	Results							
	0.30	ES					Mid brown sandy gravelly CLAY. Gravel of subrounded to rounded sandstone. Occasional clinker, Occasional rootlets/plant debris. Water pipe encountered at 0.7m (0.2m diameter), slight trickle of water from pipe.	0	0	
	0.90	ES		0.80	45.48			Dark brown sandy gravelly CLAY. Gravel of sandstone. Occasional clinker. Slight hydrocarbon staining.	2	0
				1.00	45.28			Damp grey brown sandy gravelly CLAY. Gravel of sandstone. Strong hydrocarbon odour, visible hydrocarbon staining.		
	1.50	ES						3	4	
					2.00	44.28		End of pit at 2.00 m		
Remarks: Stability: Stable GroundWater Remarks: 										

				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 270920.00 - 195175.00 Level: 48.62mAOS		Date 28/04/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.60		Logged DD	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.20	ES		0.90	47.72		Mid brown sandy gravelly CLAY. Gravel of sandstone SR-R. Ashy. Occasional rootlets and plant debris.	2	0
	1.50	ES					Dark brown sandy gravelly clay. Gravel of sandstone. Groundwater seeps noted at 1.7m.	0	0
	2.50			46.12		Damp grey sandy gravelly CLAY. Gravel of sandstone. Distinct hydrocarbon odour, visible hydrocarbon staining. Water at base of hole with hydrocarbon sheen.	3	3	
	3.50	ES				3.60	45.02	End of pit at 3.60 m	
Remarks:									
Stability: Stable GroundWater Remarks:									



ATKINS				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_SS		Co-ords: - Level: mAOS		Date	
Location: Coed Darcy				Dimensions (m):		m		Scale 1:25	
Client: St Modwen				Depth 3.60		E		Logged PJ	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.10	ES		0.30			Soft brown sandy gravelly CLAY. (Topsoil) (V/O=0/0)		
	0.50	ES					MADE GROUND: Red brown slightly clayey slightly gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0) Between 0.7m and 1.0m bgl Topsoil layer. From 2.5m bgl becoming brown.		
	1.10	ES							
	2.00	ES							
	3.40	ES		3.30		Grey sandy GRAVEL. Gravel is fine to coarse angular to subangular sandstone. (V/O=3/3)			
		3.60	End of pit at 3.60 m						
1 2 3 4 5									
Remarks: 1. Slightly damp at 3.6m bgl. 2. Trial pit sides collapsing from 3.0m bgl. 3. Trial pit terminated at 3.6m due to refusal in probable rock.									
GroundWater Remarks:									

Trial Pit Log



Logged JAF Checked AP		Start 08/08/2014 End 08/08/2014	Equipment Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.40m Terminated on bedrock.	Dimensions and Orientation Width 1.55 m Length 4.00 m A B C 000 (Deg)		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 Orangish brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone with medium cobble content. Cobbles are subrounded of sandstone. (VO = 0,0)	(0.90)			
1.50	ES 2		2 Greyish brown, occasionally stained black sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 1,0)	0.90			
2.50	ES 3		2.00-2.50 m Low boulder content. Boulders are subrounded of sandstone.	(3.50)			
3.50	ES 4						
			EXPLORATORY HOLE ENDS AT 4.40 m	4.40 m Bedrock			
Depth	Type	Notes Remarks					
Groundwater Entries No Structural or Strain Behaviour 1 3.00 Slow ingress of water.			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 426.4818/02/2015 14:11:29			Project Co-ordination Site-wide Trial Pitting Project Co-ordination Carried out for Stodwen Developments Limited		Trial Pit T E Sheet 1 of 1		



T E

Sheet 1 of 1

Project Name: Coed Darcy Site Wide Sign Off

Project No.
5122307_SWP_SS

Co-ords:	-
Level:	mAOS

Date _____

Location: Coed Darcy

Dimensions (m):

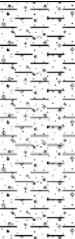
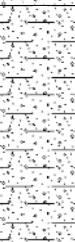
Scale
1:25

Client: St Modwen

Depth
1.70

3

Logged
PJ

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria	Remarks
	Depth	Type	Results							
	1.00	ES		0.80			Dark grey and black sandy gravelly CLAY. Gravel is fine to coarse angular to subangular sandstone. (V/O=3/3)			1
							Grey clayey gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=3/3)			
							Moderately strong grey SANDSTONE.			
				1.60 1.70		End of pit at 1.70 m				2
						3				
										5

Remarks:	1. No groundwater encountered. 2. Trial pit sides stable. 3. Trial pit stopped due to refusal in rock.
----------	--

GroundWater

Remarks:



Trial Pit Log

Trialpit No
T E
Sheet 1 of 1

Project Name: Coed Darcy Site Wide Sign Off
Project No. 5122307_SWP_SS
Co-ords: -
Level: mAOS

Date

Location: Coed Darcy

Dimensions (m): m
Depth 3.60

Client: St Modwen

Scale 1:25
Logged PJ

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria	
	Depth	Type	Results							
	0.20	ES		0.15			Brown sandy gravelly CLAY. Gravel is fine to coarse angular to subangular sandstone. (Topsoil) (V/O=0/0)			1
	0.70	ES		0.65			Brown slightly clayey gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0)			
	1.30	ES		1.20			Dark grey slightly clayey gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=3/3)			
	2.20	ES		2.00			Firm yellow brown sandy gravelly CLAY. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0)			2
	3.00	ES					Brown slightly clayey sandy GRAVEL. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0)			3
							Weak grey highly weathered SILTSTONE. Recovered as coarse tabular gravels. (V/O=0/0)			
							End of pit at 3.60 m			
										4
										5

Remarks: 1. No groundwater encountered. 2. Trial pit sides stable. 3. Trial pit stopped at 3.6m bgl due to refusal in bedrock.

GroundWater
Remarks:

ATKINS				Trial Pit Log				Trialpit No T E Sheet 1 of 1		
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_SS		Co-ords: - Level: mAOS		Date		
Location: Coed Darcy				Dimensions (m):		m		Scale 1:25		
Client: St Modwen				Depth 5.00		E		Logged PJ		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria	
	Depth	Type	Results							
	0.10	ES		0.60			Dark brown sandy gravelly CLAY. (Topsoil) (V/O=0/0)			1
	0.80	ES					Soft yellow brown sandy slightly gravelly CLAY. (V/O=0/0)			
	2.00	ES		2.00			Light brown gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0)			2
	3.00	ES								3
	4.10	ES								
4.90	ES		5.00						5	
End of pit at 5.00 m										
Remarks: 1. No groundwater encountered. 2. Trial pit sides stable.										
GroundWater Remarks:										
AGS										

Trial Pit Log

Trialpit No

TE

Sheet 1 of 1

Project Name: Coed Darcy Site Wide Sign Off

Project No. 5122307_SWP_SS

Co-ords: -

Level: mAOS

Date

Location: Coed Darcy

Client: St Modwen

Dimensions (m):

m

E

Depth 5.00

Scale 1:25

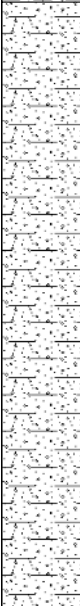
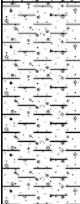
Logged PJ

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria	
	Depth	Type	Results							
	0.30	ES		0.30			Dark brown slightly sandy slightly gravelly CLAY. (Topsoil) (V/O=0/0)			
							Red brown clayey gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0)			
	1.10	ES		1.00			Grey gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0) From 2.0m with some angular to subangular cobbles of sandstone.			1
	2.00	ES								2
	3.00	ES								3
	4.00	ES		3.80			Firm brown slightly sandy slightly gravelly CLAY. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0)			4
	4.90	ES		5.00						5
							End of pit at 5.00 m			

Remarks: 1. No groundwater encountered. 2. Trial pit sides stable.

GroundWater

Remarks:

ATKINS				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_SS		Co-ords: - Level: mAOS		Date	
Location: Coed Darcy				Dimensions (m): Depth 5.00		m E		Scale 1:25	
Client: St Modwen								Logged PJ	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.20	ES		0.10			Dark brown slightly sandy slightly gravelly CLAY. (Topsoil) (V/O=0/0) Soft to firm friable red brown and yellow brown very sandy slightly gravelly CLAY with localised pockets of black coal. (V/O=0/0)		
	1.00	D							1
	2.30	ES		2.30			Light grey to brown slightly clayey gravelly SAND with localised black coal pockets. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0)		
	3.10	ES							3
	3.90	ES							4
	4.20	ES		4.30			Light grey sandy slightly gravelly CLAY with pockets of black coal. (V/O=0/0)		
			5.00		----- End of pit at 5.00 m				5
Remarks: 1. No groundwater encountered. 2. Trial pit sides stable.									
GroundWater Remarks:									

ATKINS				Trial Pit Log				Trialpit No T E Sheet 1 of 1			
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_SS		Co-ords: - Level: mAOS		Date			
Location: Coed Darcy				Dimensions (m):		m		Scale 1:25			
Client: St Modwen				Depth 4.80				Logged PJ			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria		
	Depth	Type	Results								
	0.10	ES		1.60			Brown to red brown slightly gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0)			1	
	1.00	ES									
	2.00	ES					Light grey to brown gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0)			2	
	3.20	ES									
	4.10	ES									
4.80	ES		4.80			----- End of pit at 4.80 m				5	
Remarks: 1. No groundwater encountered. 2. Trial pit sides stable.											
GroundWater Remarks:											



Trial Pit Log

Trialpit No

TE

Sheet 1 of 1

Project Name: Coed Darcy Site Wide Sign Off

Project No. 5122307_SWP_SS

Co-ords: -

Level: mAOS

Date

Location: Coed Darcy

Dimensions (m):

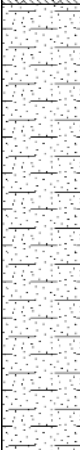
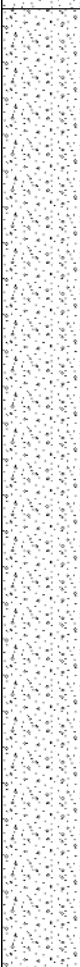
Depth 5.00

m

Scale 1:25

Logged PJ

Client: St Modwen

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria	
	Depth	Type	Results							
	0.10	ES		0.30			Brown slightly clayey gravelly sand. (Topsoil)			1
							Yellow brown clayey SAND.			
	0.80	ES		1.80			Brownish grey slightly gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0) From 3.3m becoming gravelly. (V/O=0/0)			2
	2.00	ES								
	3.20	ES								
	4.00	ES		5.00						4
	4.80	ES								
				5.00			End of pit at 5.00 m			5

Remarks:

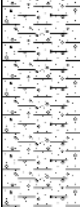
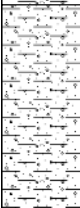
1. Slight groundwater seepage at 4.0m bgl. 2. Trial pit sides collapsing from 1.8m bgl.

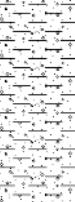
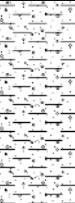
GroundWater

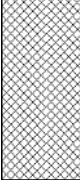
Remarks:



ATKINS				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_SS		Co-ords: - Level: mAOS		Date	
Location: Coed Darcy				Dimensions (m):		m		Scale 1:25	
Client: St Modwen				Depth 5.00				Logged PJ	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.20	ES		0.20			Brown slightly clayey gravelly SAND with localised black ash. Gravel is fine to coarse angular to subangular sandstone. (Topsoil) (V/O=0/0) Soft yellow brown very sandy CLAY. (V/O=0/0)		
	0.80	ES							1
	2.00	ES		1.80			Loose brown gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0)		2
	3.00	ES							3
	3.90	ES							4
	4.90	ES		5.00			End of pit at 5.00 m		5
Remarks: 1. Slight groundwater seepage at 5.0m bgl. 2. Trial pit sides collapsing from 2.4m bgl.								AGS	
GroundWater Remarks:									

				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 270880.00 - 195435.00 Level: 49.14mAOS		Date 21/04/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.20		Logged DD	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.20	ES		0.70	48.44		Brown sandy gravelly CLAY. Occasional rootlets and plant debris. Gravel of sandstone subrounded to rounded, slight hydrocarbon staining.	1	0
	1.00	ES					Mid brown sandy gravelly CLAY. Gravel of sandstone but no hydrocarbon staining.	0	0
	2.20	ES		1.80	47.34		Grey/brown sandy gravelly CLAY. hydrocarbon staining and faint odour. Gravel of sandstone. Staining becomes darker further down and odour becomes strong. Water at base of hole with hydrocarbon sheen and a strong smell of hydrocarbon at base.HW seepage at 1.9m.	4	4
	3.00	ES		3.20	45.94		End of pit at 3.20 m		
Remarks: Stability: Stable GroundWater: Groundwater encountered at 1.9m Remarks: 									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 270860.00 - 195440.00 Level: 45.85mAOS		Sheet 1 of 1 Date 28/04/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.00		Logged DD	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.10	ES		0.70	45.15		Dark brown sandy gravelly CLAY. Gravel of sandstone. Occasional rootlets and plant debris. Slight hydrocarbon staining. Ashy.	2	0
	1.00	ES					Mid brown sandy gravelly CLAY. Gravel of sandstone. Aprox 0.15m thick band of hydrocarbon staining at base of strata. Slight hydrocarbon odour. Minor Groundwater seepage at 1.1m.	2	2
	1.50	ES		1.20	44.65		Grey sandy gravelly CLAY. Becomes siltier further down the strata. hydrocarbon staining and odour distinct and strong		
	2.50	ES							
	3.50	ES		4.00	41.85		End of pit at 4.00 m		
Remarks: Stability: Stable GroundWater: Groundwater encountered at 1.1m Remarks: 									

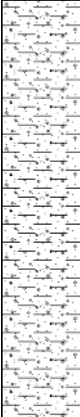
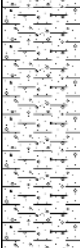
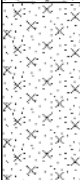
				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 270840.00 - 195455.00 Level: 44.56mAOS		Date 28/04/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.70		Logged DD	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.30	ES		0.60	43.96		MADE GROUND: Dark brown sandy gravelly CLAY. Gravel of sandstone, Occasional brick and rubber chord. Occasional rootlets and plant debris. Slight hydrocarbon staining	2	0
	1.20	ES		1.30	43.26		Dark brown/grey sandy gravelly CLAY. Gravel of sandstone. Increased hydrocarbon staining and stronger odour	3	2
	2.50	ES						Grey sandy gravelly CLAY. Gravel of sandstone. hydrocarbon staining, hydrocarbon odour increases towards base.	3
	3.50	ES							
	4.50	ES		4.70	39.85		End of pit at 4.70 m		
Remarks:									
Stability: Stable GroundWater Remarks:									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy Site Wide Signoff				Project No. 5122307_SWP_Rev2		Co-ords: 270860.00 - 195460.00 Level: 47.32mAOS		Date 28/04/2014	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.70		Logged DD	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.10	ES		0.60	46.72		MADE GROUND: Dark brown sandy gravelly CLAY. Gravel of sandstone, Occasional brick, pipe fragments and Occasional slag. Occasional rootlets and plant debris. Slight hydrocarbon staining and odour.	2	2
	1.20	ES					Dark brown/grey sandy gravelly CLAY. Gravel of sandstone, pipe fragments. Increased hydrocarbon staining and stronger odour	3	3
	1.60	ES		1.40	45.92		Dark grey sandy gravelly CLAY. Gravel of sandstone. Increased hydrocarbon staining and hydrocarbon odour. Groundwater at base of hole with hydrocarbon sheen.	4	4
	2.60	ES							
	4.00	ES							
			4.70	42.62		End of pit at 4.70 m			

Remarks:

 Stability: Stable
 GroundWater
 Remarks:



				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_SS		Co-ords: - Level: mAOS		Date	
Location: Coed Darcy						Dimensions (m):		Scale 1:25	
Client: St Modwen						Depth 3.40		Logged PJ	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.20	ES		0.30			Firm Friable brown sandy gravelly CLAY. with occasional cobbles.Gravel is fine to coarse angular to subangular sandstone. Cobbles are subrounded sandstone. *V/O=0/0)		
	1.00	ES					Brown clayey gravelly sand. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0)		
	1.70	ES		1.70			Soft brown to red brown very sandy gravelly CLAY. Gravel is fine to coarse angular sandstone. (V/O=0/0)		
	2.50	ES		2.50			Grey slightly silty SAND. (V/O=0/0)		
				3.10			Moderately strong coarse light grey SANDSTONE. Slight hydrocarbon odour on groundwater seepage. (V/O=0/0)		
			3.40		End of pit at 3.40 m				
Remarks: 1. Very slight groundwater seepage at 3.2m bgl. Slight hydrocarbon odour from groundwater. 2. Trial pit sides stable. GroundWater Remarks: 									

				Trial Pit Log				Trialpit No T E Sheet 1 of 2	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_SS		Co-ords: - Level: mAOS		Date	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 5.40		Logged PJ	
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			Dark brown friable sandy gravelly CLAY. Gravel is finr to coarse angular to subangualr sandstone, rare brick and slag. (Topsoil) (V/O=0/0)		
	0.30	ES					Light brown clayey slightly gravelly SAND. Gravel is fine to coarse angular to subangualr sandstone. (V/O=0/0)		
	1.00	ES		2.30					
	2.30	ES							
	3.00	ES							
	3.30	ES		3.30					
	4.00	ES							
	5.00	ES		4.80					
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									



T E

Sheet 2 of 2

Co-ords:	-
Level:	mAOS

Date _____

Dimensions (m):

Scale
1:25

Depth
5.40

Logged
PJ

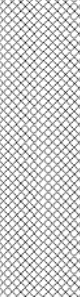
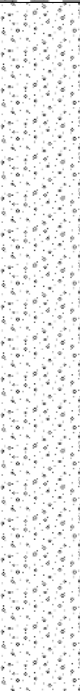
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
				5.40			mudstone and sandstone. (V/O=0/0)		
							End of pit at 5.40 m		

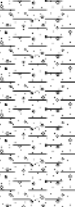
Remarks:	1. Slight groundwater seepages at 2.3m bgl and 3.3m bgl. 2. Trial pit sides collapsing from 3.3m to 4.8m bgl.
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GroundWater

Remarks:



				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_SS		Co-ords: - Level: mAOS		Date	
Location: Coed Darcy				Dimensions (m): Depth 4.30		m 		Scale 1:25	
Client: St Modwen								Logged PJ	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.10	ES					Brown slightly silty gravelly SAND. Gravel is fine to coarse angular to subangular mudstone and sandstone. (V/O=0/0)		
	1.00	ES		1.00			Black GRAVEL. Gravel is fine to medium ash. (V/O=0/0)		1
	1.50	ES		1.30			Soft yellow brown to orange brown mottled light grey sandy CLAY. (V/O=0/0)		
	2.00	ES		2.00			Light grey sandy GRAVEL. Gravel is fine to coarse angular sandstone. (V/O=1/2) From 3.0m becoming clayey. (V/O=1/2)		2
	3.00	ES							3
	4.00	ES							4
				4.30			End of pit at 4.30 m		5
Remarks: 1. No groundwater encountered. 2. Trial pit sides stable. 3. Presumed bedrock at 4.3m. Refusal. No recovery.									
GroundWater Remarks:									

ATKINS				Trial Pit Log				Trialpit No T E Sheet 1 of 1		
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_SS		Co-ords: - Level: mAOS		Date		
Location: Coed Darcy				Dimensions (m):		m		Scale 1:25		
Client: St Modwen				Depth 2.20				Logged PJ		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria	
	Depth	Type	Results							
	0.10	ES		0.40			Brown gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0)			1
	1.00	ES				Yellow brown gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/0)				
						Soft friable grey slightly sandy gravelly CLAY. Gravel is fine to coarse angular subangular sandstone. Slight hydrocarbon odour. (V/O=0/1)				
				1.90		ES				
	End of pit at 2.20 m									
2										
3										
4										
5										
Remarks: 1. No groundwater encountered. 2. Trial pit sides stable.										
GroundWater Remarks:										



T E

Sheet 1 of 1

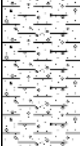
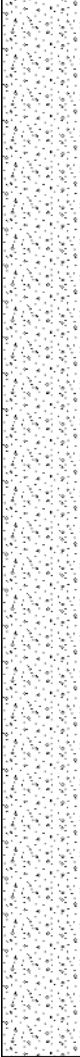
Date

Logged
PJ

Remarks:	1. No groundwater encountered. 2. Trial pit sides stable.
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Remarks:



				Trial Pit Log				Trialpit No T E Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_SS		Co-ords: - Level: mAOS		Date	
Location: Coed Darcy				Dimensions (m): Depth 4.00		m E		Scale 1:25	
Client: St Modwen								Logged PJ	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.10	ES		0.50			Firm friable black sandy gravelly CLAY. Gravel is fine to coarse angular to subangular sandstone. (V/O=3/3)		1
	1.00	ES					Grey gravelly SAND. Gravel is fine to coarse angular to subangular sandstone. (V/O=0/2) AT 4.0m probable bedrock. No recovery.		
	2.00	ES						2	
	3.00	ES							
	4.00	ES							
									5
Remarks: 1. No groundwater encountered. 2. Trial pit sides stable. 3. Trial pit stopped at 4.0m due to probable bedrock. Refusal. No recovery.									
GroundWater Remarks:									

Appendix E – Recent Laboratory Analysis

[illegible]

