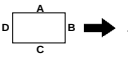
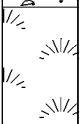
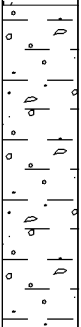
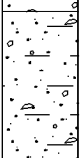
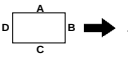
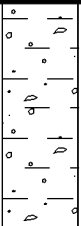
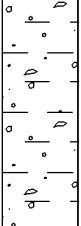
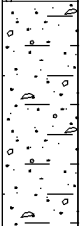


Trial Pit Log

Logged AJ Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Volvo220 Machine excavated trial pit from GL-3.50m. Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone brick and concrete. Occasional rootlets. (VO=0,0)	(1.50)		
1.50	ES 2		2 Black pseudofibrous PEAT. (VO=0,0)	1.50 (0.40)		
2.50	ES 3		3 Soft brownish grey sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=,1,1)	1.90 (1.10)		
3.50	ES 4		4 Light brown becoming orangish brown clayey gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to rounded of sandstone. (VO=0,0)	3.00 (0.50)		
			EXPLORATORY HOLE ENDS AT 3.50 m	3.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2197 Sheet 1 of 1		

Trial Pit Log

Logged AJ Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Volvo 220 Machine excavated trial pit from GL to 3.1 Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Soft brown sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone, brick and concrete. Frequent roots and rootlets (VO=0,0)	(0.80)		
1.00	ES 2		2 Black pseudofibrous PEAT (VO=0,0)	0.80 (0.30)		
2.00	ES 3		3 Soft grey mottled orange sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=3,2)	1.10 (0.90)		
3.00	ES 4		4 Light brown gravelly clayey fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to rounded frequently tabular of sandstone. (VO=0,0)	2.00 (1.10)		
			EXPLORATORY HOLE ENDS AT 3.10 m	3.10		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2198 Sheet 1 of 1		

Trial Pit Log



Logged AJ Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Volvo220 Machine excavated trial pit from GL to 3.00m Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
0.50	ES 1		1 Brown gravelly slightly clayey fine to coarse SAND with low cobble content. Gravel is subangular to subrounded fine to coarse gravel of sandstone, brick and concrete. Occasional pockets of black staining. occasional metal and plastic fragments. (VO=1,0)	(1.00)				
1.40	ES 2		2 Black pseudofibrous PEAT. (VO=0,0)	(0.40)				
2.50	ES 3		3 Soft grey sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=3,3)	(1.40)				
3.00	ES 4		4 Light brown gravelly clayey fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded frequently tabular of sandstone. (VO=0,0)	2.80 3.00		1		
			3.00 m Bedrock. EXPLORATORY HOLE ENDS AT 3.00 m					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.00 Slowingress			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 426.4804/02/2015 11:21:19			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2199 Sheet 1 of 1		

Trial Pit Log



Logged AJ Checked AP		Start 31/03/2015 End 31/03/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.50m. Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Dark grey gravelly slightly clayey fine to coarse SAND with low cobble content. Cobbles are subangular to subrounded of sandstone and brick. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. (VO = 2,1)	(1.30)			
1.50	ES 2		2 Spongy dark brown fibrous PEAT. (VO = 0,0)	1.30 (0.30)			
			3 Soft grey mottled orange sandy gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 1,1)	1.60 (0.90)			
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m 2.50 m Bedrock	2.50			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.50 Medium inflow, 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2200 Sheet 1 of 1	



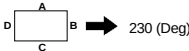
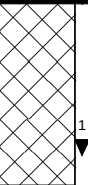
Logged DD Checked AP	Start 04/08/2014 End 04/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.2m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 3.50 m		A B C 300 (Deg)	Ground Level Coordinates National Grid Chainage
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Firm to stiff brown slightly sandy gravelly CLAY with medium to high cobble content and low boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and occasional brick. Cobbles are subangular to subrounded of siltstone, sandstone and occasional bricks. Boulders are subrounded of siltstone. (VO = 1,1)	(1.30)		
1.50	ES 2		2 Dark brown black fibrous PEAT.	1.30		
2.50	ES 3		3 Firm orangish brown mottled grey slightly sandy gravelly CLAY with medium cobble content. Gravel is angular to subangular occasionally subrounded of siltstone and sandstone. Cobbles are angular to subangular occasionally subrounded of siltstone and sandstone. (VO = 0,0)	1.50		
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.80 Water seepage			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 426.4812/05/2015 10:17:51			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2201 Sheet 1 of 1	

Trial Pit Log



Logged DD Checked AP		Start 04/08/2014 End 04/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.0m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 300 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Firm brown mottled dark grey slightly sandy slightly silty gravelly CLAY with medium cobble content and low to medium boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and brick. Cobbles are subangular to rounded of siltstone, sandstone and occasional brick. Boulders are subangular of siltstone and sandstone. (VO = 2,1)	(1.40)			
1.50	ES 2		2 Firm locally stiff light orangish brown mottled light grey slightly sandy slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles are subangular of siltstone and sandstone. (VO = 1,2)	1.40 (1.60)			
			EXPLORATORY HOLE ENDS AT 3.00 m	3.00			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.70 Seepage			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Partly 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2202 Sheet 1 of 1		



Logged DD	Start 22/08/2014	Equipment, Methods and Remarks	Dimensions and Orientation		Ground Level	
Checked AJ	End 22/08/2014	Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on bedrock.	Width 1.50 m		Coordinates	
			Length 3.50 m		National Grid	
					Chainage	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Soft dark brown slightly sandy gravelly CLAY with medium to high cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone, brick and concrete. Cobbles are angular to subangular of brick and concrete. (VO = 3,2)	0.60		
			2 Soft to firm bluish grey slightly sandy gravelly CLAY with medium to high cobble content and medium boulder content. Gravel is angular to subangular, tabular, fine to coarse of sandstone. Cobbles and boulders are angular to subangular, tabular, sandstone. (VO = 3,4)			
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.50 Seepage			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Cloudy
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4811/11/2014 10:35:55 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2203 Sheet 1 of 1

Trial Pit Log



Logged SP Checked AP		Start 03/12/2014 End 03/12/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.4m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C D	Ground Level - Coordinates - National Grid - Chainage -
Samples and Tests			Strata		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend Backfill/ Instruments
		*	1 Soft dark brown stained black gravelly sandy SILT with low cobble content. Gravel is angular to well rounded, fine to coarse of sandstone. Sand is fine to coarse. Cobbles are angular to well rounded of sandstone. (VO = 5,3) EXPLORATORY HOLE ENDS AT 0.40 m	(0.40) 0.40	
Depth	Type & No.	Records Date			
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m) 0.00 0.40 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 426.4825/01/2015 21.15.14 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2204 Sheet 1 of 1	

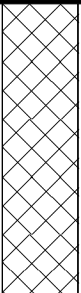
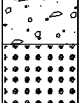
Trial Pit Log

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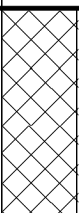
Trial Pit Log

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Trial Pit Log

Logged SK/JC Checked AJon		Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.60m Terminated in bedrock	Dimensions and Orientation Width 0.90 m Length 4.10 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Greyish brown occasionally stained dark grey silty gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone and occasional brick. Strong hydrocarbon odour. (VO = 1,4)	(1.00)		
1.50	ES 2		2 Greyish brown SAND and GRAVEL with a low to medium cobble content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone. Distinct hydrocarbon odour. (VO= 0, 2)	1.00 (1.40)		
			3 Weak to medium strong light grey, frequently stained dark greyish brown, fine to medium grained SANDSTONE. Recovered as slightly sandy angular to subangular, fine to coarse gravel and angular to subangular frequently tabular cobbles. (VO= 0, 0)	2.40 2.60		
			EXPLORATORY HOLE ENDS AT 2.60 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Sunny, windy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2207 Sheet 1 of 1		

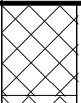
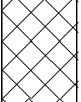
Logged SK/JC Checked AJon	Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.90 Unable to progress past cobbles and boulders	Dimensions and Orientation Width 1.70 m Length 4.60 m A B C D 040 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.30	ES 1		1 (MADE GROUND) Greyish brown (including ash), occasionally stained grey slightly gravelly, fine to coarse SAND including ash. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO= 1, 0)	(0.50)		
1.00	ES 2		2 Orangish brown slightly silty locally very silty slightly gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone (VO=0, 0)	0.50 (0.70)		
1.50	ES 3		3 Greyish brown occasionally stained grey slightly clayey gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 1,3)	1.20 (0.50)		
1.80	ES 4		4 Stiff to very stiff light brown mottled grey sandy slightly gravelly CLAY. Faint hydrocarbon odour. (VO=0, 1)	1.70		
			EXPLORATORY HOLE ENDS AT 1.90 m	1.80-1.90 m High cobble and boulder content. Cobbles and boulders are angular and tabular of sandstone.		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.20 Trace			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Sunny, 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 426.4806/01/2015 15:39:06			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2208 Sheet 1 of 1	

Drilled Logged LF Checked AP		Start 06/08/2014 End 06/08/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.		Depth from to Diameter Casing Depth		Ground Level Coordinates National Grid Chainage		
Samples and Tests					Strata					
Depth	Type & No	Records	Date Casing	Time Water	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1				(MADE GROUND) Brown sandy clayey angular to subrounded, fine to coarse GRAVEL of sandstone and brick. Occasional pockets of ash and clinker. (VO = 0,0)			(1.40)		
1.50	ES 2				Soft orangish brown occasionally lightly stained slightly gravelly sandy CLAY. Gravel is angular to subrounded, fine to coarse of sandstone. Sand is fine. Distinct hydrocarbon odour. (VO = 1,2)			1.40 (0.30) 1.70 (0.30) 2.00		
2.00	ES 3				Soft grey frequently stained black sandy gravelly CLAY. Gravel is angular to subangular, fine to coarse of sandstone. Sand is fine. Strong hydrocarbon odour. (VO = 4,3)					
					EXPLORATORY HOLE ENDS AT 2.00 m					
Depth	Type & No	Records	Date Casing	Time Water						
Groundwater Entries No. Struck Post strike behaviour (m) None observed (see Key Sheet)					Depth Related Remarks * From to (m)			Chiselling Depths (m) Time Tools used		
Notes: 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Borehole IP2209 Sheet 1 of 1		

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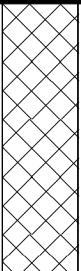
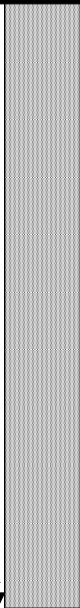
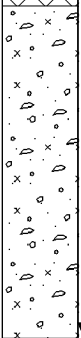
Logged JC Checked AP	Start 31/07/2014 End 31/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.20m Terminated due to pipe	Dimensions and Orientation Width 1.70 m Length 4.00 m A D B C →		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 (MADE GROUND) Brown gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone and brick. (VO = 0,0) 2 Grey SAND and GRAVEL with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,4)	0.10 <		

Exploratory Hole Log

Drilled Logged JC Checked AP	Start 01/08/2014 End 01/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.20m Terminated on bedrock	Depth from to Diameter Casing Depth	Ground Level - Coordinates - National Grid - Chainage -				
Samples and Tests			Strata					
Depth	Type & No	Records	Date Casing	Time Water	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*			(MADE GROUND) Brownish orange SAND and GRAVEL with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone and brick. (VO = 0,0)	0.60		
					(MADE GROUND) Grey slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are angular to subangular of sandstone and brick. (VO = 0,4)	1.60		
					EXPLORATORY HOLE ENDS AT 2.20 m 2.20 m bedrock	2.20		
Depth	Type & No	Records	Date Casing	Time Water				
Groundwater Entries No. Struck Post strike behaviour Depth sealed (m) None observed (see Key Sheet)					Depth Related Remarks * From to (m) 0.00 No Samples Obtained		Chiselling Depths (m) Time Tools used	
Notes: 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 1:50 (c) ESG www.esg.co.uk 426.4817/10/2014 16:30:37 					Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Borehole IP2284 Sheet 1 of 1	

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Trial Pit Log

Logged SK/JC Checked AJon		Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.00m Unable to progress past cobbles and boulders.	Dimensions and Orientation Width 1.80 m Length 3.80 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Brown and grey, occasionally stained dark grey, slightly silty, locally silty SAND and GRAVEL with low to medium cobble content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone and occasional brick. Cobbles are angular to subrounded of sandstone, electric wiring, tiles and brick. (VO= 1, 0)	(0.90)		
1.50	ES 2		2 Light brownish grey and occasionally brown locally silty angular to subrounded, fine to coarse (predominantly fine to medium) GRAVEL of sandstone with low cobble content. Strong hydrocarbon odour. (VO= 0, 4)	0.90 (1.10)		
			EXPLORATORY HOLE ENDS AT 2.00 m	2.00		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 2.00 Trace			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Sunny spells, sl wind		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2286 Sheet 1 of 1		

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Trial Pit Log

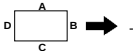


Logged DD Checked AP		Start 04/08/2014 End 04/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.0m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 270 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Soft to firm light brown mottled grey sandy slightly silty gravelly CLAY with medium cobble content. Gravel is subangular to subrounded of siltstone and sandstone with medium cobble and boulder content subrounded of sandstone. Cobbles and boulders are subangular tabular of sandstone.		(1.00)		
			EXPLORATORY HOLE ENDS AT 1.00 m		1.00		
			1.00 m Sandstone bedrock				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.80 Seepage			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 426.4812/05/2015 10:18:03			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2288 Sheet 1 of 1		

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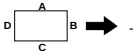
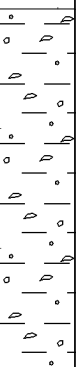
Trial Pit Log

Logged AJ Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Volvo 220 Machine excavated trial pit from GL-4.00m Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Soft brown sandy gravelly CLAY with medium cobble and boulder content. Gravel is subangular to subrounded fine to coarse of sandstone, brick and concrete. Cobble and boulders are subangular to rounded of sandstone, concrete and brick. Occasional roots and rootlets (VO=0,0).	(0.60)		
0.70	ES 2		2 Black pseudofibrous PEAT. (VO = 0,0)	0.60		
1.50	ES 3	*	3 Soft grey mottled orange sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=3,2)	0.80		
2.50	ES 4			(2.30)		
3.50	ES 5		4 Orangish brown gravelly clayey fine to coarse 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)	3.10		
			EXPLORATORY HOLE ENDS AT 4.00 m	4.00		
			4.00 m Bedrock.			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m) 1.00 0.00 Water pipe	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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2290 Sheet 1 of 1		

Logged AJ	Start 29/09/2014	Equipment, Methods and Remarks	Dimensions and Orientation		Ground Level	
Checked AP	End 29/09/2014	Volvo 220 Machine excavated trial pit from GL-3.00m Terminated on bedrock	Width 1.60 m		Coordinates	
			Length 3.50 m		National Grid	
					Chainage	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown clayey gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (VO=3,1)	(0.70)		
1.50	ES 2		2 Soft grey mottled orange sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded fine to coarse of sandstone. (VO=3,1)	0.70 (2.00)		
2.80	ES 3		3 Light brown gravelly clayey fine to coarse SAND with medium cobble content. Gravel is subangular to rounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=0,0)	2.70 (0.30)		
			EXPLORATORY HOLE ENDS AT 3.00 m	3.00		
Depth	Type & No.	Records Date				
Groundwater Entries			Depth Related Remarks *			Stability
No. Struck Post Strike Behaviour (m)			From to (m)			Unstable
1 3.00 Slow ingress						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 Coed Darcy Sitewide Trial Pitting			Trial Pit
(c) ESG www.esg.co.uk 426.4804/02/2015 11:21:27			Project No. H4039-14			IP2291
Scale 1:25			Carried out for St Modwen Developments Limited			Sheet 1 of 1

Trial Pit Log

Logged AJ Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.5m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Soft brown sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone, brick and concrete. Occasional rootlets. Occasional fabric fragments. (VO = 0,0)	(0.90)		
1.40	ES 2		2 Black pseudo fibrous PEAT. (VO = 0,0)	0.90 (0.50)		
2.50	ES 3		3 Soft grey mottled dark sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,1)	1.40 (1.60)		
3.50	ES 4		4 Light brown sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	3.00 (0.50)		
			EXPLORATORY HOLE ENDS AT 3.50 m	3.50		
			3.50 m Bedrock			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.00 Slow ingress.			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Sun		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:36:24			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2292 Sheet 1 of 1		

Logged AJ	Start 30/09/2014	Equipment, Methods and Remarks		Dimensions and Orientation		Ground Level	
Checked AP	End 30/09/2014	Komatsu PC210 Machine excavated trial pit from GL to 3.6m Terminated on bedrock.		Width 1.60 m Length 3.50 m		Coordinates -	
						National Grid -	
						Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Soft brown gravelly CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone, brick and concrete. Frequent rootlets. (VO = 0,0)	(0.60)			
0.90	ES 2		2 Black pseudo fibrous PEAT. (VO = 0,0)	0.60 (0.30)			
1.50	ES 3		3 Soft grey mottled orange sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,1)	0.90 (1.20)			
2.50	ES 4		4 Grey becoming light brown sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subangular to subrounded frequently tabular of sandstone. (VO = 0,0)	2.10 (1.50)			
3.50	ES 5			3.60			
			EXPLORATORY HOLE ENDS AT 3.60 m	3.60 m Bedrock			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)			Stability Collapsing	
						Shoring None	
						Weather Sun	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4808/02/2015 16:36:27			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2293 Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.3m Terminated due to flooding from pipe (removed).		Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
		*	1 (MADE GROUND) Dark brown slightly sandy gravelly SILT with medium cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular of brick and concrete with occasional roots and rootlets. Frequent metal waste, metal pipes and power cables. (VO = 1,1) 0.30 m Pipe. EXPLORATORY HOLE ENDS AT 0.30 m			(0.30) 0.30			
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.10 Seepage			Depth Related Remarks * From to (m) 0.00 0.30 No Samples Obtained			Stability Stable Shoring None Weather Sunny			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:36:30			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2294 Sheet 1 of 1			

Trial Pit Log



Logged AJ Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Volvo 220 Machine excavated trial pit from GL to 2.40m Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Brown gravelly slightly clayey fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone brick and concrete. Frequent roots and rootlets. (VO=0,0)	(0.60)			
			2 Soft orangish brown mottled grey sandy gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (VO=1,0)	0.60			
1.50	ES 2			(1.10)			
			3 Grey gravelly clayey fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to rounded frequently tabular of sandstone. (VO=1,0)	1.70			
				(0.70)			
2.40	ES 3		EXPLORATORY HOLE ENDS AT 2.40 m	2.40		1	
			2.40 m Bedrock				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.40 Slow inflow			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 426.4804/02/2015 11:21:30 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2295 Sheet 1 of 1		

Trial Pit Log

Logged AJ Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Volvo EC360 Machine excavated trial pit from GL to 3.00m. Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 Soft brown sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone, brick and concrete. Frequent rootlets. Occasional plastic fragments. (VO=0,0)	(0.60)		
1.50	ES 2		2 Soft grey mottled orangish brown sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=3,2)	(1.00)		
2.50	ES 3		3 Grey becoming orangish brown gravelly clayey fine to coarse 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)	(1.40)		
3.00	ES 4		EXPLORATORY HOLE ENDS AT 3.00 m	3.00		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.60 Fast inflow			Depth Related Remarks * From to (m)	Stability Unstable Shoring None Weather Sun		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 11:21:33			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2296 Sheet 1 of 1		

Trial Pit Log

PRELIMINARY



Logged DD Checked		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Tracked 210 Machine excavated Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 3.50 m 	Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata	Depth, Level/ (Thickness)		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.50	ES 1		1 Fibrous dark brown PEAT. (VO=0,0)	(0.60)		
			2 Firm bluish grey gravelly CLAY with low to medium cobble content. Gravel is subangular to subrounded occasionally rounded fine to coarse of siltstone. Cobbles are subangular to subrounded of siltstone. VO=0,0)	0.60		
2.50	ES 2		3 Soft light brown locally mottled light grey sandy gravelly CLAY with high cobble content and medium boulder content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=0,0)	2.00		
				(1.00)		
			EXPLORATORY HOLE ENDS AT 3.00 m	3.00		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.00 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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2297 Sheet 1 of 1	

Logged DD	Start 26/09/2014	Equipment, Methods and Remarks	Dimensions and Orientation	Ground Level		
Checked AP	End 26/09/2014	Komatsu PC210 Machine excavated trial pit from GL to 3.50m. Terminated on bedrock	Width 1.50 m Length 3.50 m	Coordinates		
			A B C D	National Grid		
				Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Firm to soft dark grey locally mottled grey slightly gravelly organic CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (VO=0,0)	(0.80)		
1.50	ES 2		2 Firm light bluish grey mottled light orangish brown gravelly CLAY with low cobble content. Gravel is angular subangular fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO=0,0)	0.80 (1.20)		
2.50	ES 3		3 Firm to soft orangish brown sandy gravelly CLAY with high cobble content and medium boulder content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles and boulders are subangular to subrounded of sandstone. (VO=0,0)	2.00 (1.50)		
			EXPLORATORY HOLE ENDS AT 3.50 m	3.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather 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 426.4804/02/2015 11:21:40 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2298 Sheet 1 of 1	

Trial Pit Log



Logged AJ Checked AP		Start 31/03/2015 End 31/03/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.70m. Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Dark gravelly fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone and brick. Frequent rootlets. (VO = 0,0)		(1.00)		
			2 Spongy dark brown pseudo-fibrous PEAT. (VO = 0,0)		1.00		
1.50	ES 2		3 Soft grey mottled orange sandy gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 0,0)		1.20		
					(1.20)		
2.50	ES 3		4 Grey sandy slightly clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subangular to subrounded of sandstone. Sand is fine to coarse. (VO = 0,0)		2.40		
			2.70 m Bedrock.		(0.30)		
			EXPLORATORY HOLE ENDS AT 2.70 m		2.70		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.70 Medium ingress.			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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2299 Sheet 1 of 1		



Trial Pit Log



Logged DD Checked AP		Start 04/08/2014 End 04/08/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.6m Terminated due to contamination.		Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D 300 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Dark brown and reddish brown occasionally dark greyish black clayey sandy angular to subangular occasionally subrounded, fine to coarse GRAVEL of siltstone, sandstone, concrete, brick, slag and clinker with high cobble and medium boulder content. Cobbles are subangular of concrete, brick, siltstone, sandstone, slag and clinker. Boulders are subangular of slag and concrete. (VO = 2,2)			(1.20)			
			2 (MADE GROUND) Firm bluish grey gravelly CLAY with high cobble content and medium to high boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles are subangular to subrounded of siltstone, sandstone occasional brick and slag. Boulders are subrounded of siltstone and sandstone. (VO = 4,4)			1.20 (0.40)			
			EXPLORATORY HOLE ENDS AT 1.60 m			1.60			
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.20 Standing water. Thick film on water.			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Rain			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2300 Sheet 1 of 1			



Trial Pit Log



Logged DD Checked AP		Start 04/08/2014 End 04/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.3m Terminated due to water and thick product coating strata from 1.5m	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 300 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Firm friable brown sandy gravelly slightly silty CLAY with medium to high cobble and low boulder content. Gravel is subangular to subrounded occasionally rounded, fine to coarse of siltstone, sandstone, brick, concrete, slag and clinker. Cobbles are angular to subangular occasionally subrounded of siltstone, sandstone, brick, concrete, slag and clinker. Boulders are subangular to subrounded of concrete. (VO = 2,2)	(1.50)			
			2 (MADE GROUND) Bluish grey and dark grey slightly sandy slightly clayey angular to subangular, fine to coarse GRAVEL of siltstone, sandstone, slag, occasional clinker with high cobble and medium boulder content. Boulders are subrounded of concrete. (VO = 5,4)	1.50 (0.80)			
			EXPLORATORY HOLE ENDS AT 2.30 m	2.30			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.00 Water ingress			Depth Related Remarks * From to (m)		Stability Some collapse Shoring None Weather Rain,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 426.4812/05/2015 10:18:19 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2301 Sheet 1 of 1		

Logged AW Checked AJon	Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.00m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 5.00 m A B C D B →	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 (MADE GROUND) Brown sandy slightly gravelly SILT with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone and brick. Frequent roots and rootlets. (VO= 0, 0)	(0.50)		
			2 Orangish brown moderately stained black sandy clayey slightly gravelly, fine to coarse SAND with low cobble content and occasional boulders. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Boulders are subangular of sandstone. Rare roots. (VO= 1, 1)	0.50 (1.00)		
			3 Dark grey frequently stained black clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content and medium boulder content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Boulders are subangular, tabular of sandstone. (VO= 3, 3)	1.50 (1.50)		
2.00	ES 2					
			EXPLORATORY HOLE ENDS AT 3.00 m	3.00		
						</

Trial Pit Log

Logged AW Checked AJon		Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.50m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 5.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Brownish orange slightly silty gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Frequent roots and rootlets. (VO= 2, 2)	(1.30)		
1.50	ES 2		2 (MADE GROUND) Grey occasionally stained black clayey gravelly, fine to coarse SAND with medium cobble and boulder content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone and brick. Boulders are subangular of sandstone. (VO= 3, 3)	1.30 (0.50)		
			3 Dark grey moderately stained black slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with high cobble content and frequent boulders. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Boulders are subangular, occasionally tabular of sandstone. (VO= 3, 4)	1.80 (0.70)		
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m 2.50 m Bedrock	2.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 1.30 Seepage mixing with hydrocarbon product off boulders and cobbles giving an oily black sheen			Depth Related Remarks * From to (m)	Stability Unstable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4806/01/2015 15:39:18			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2303 Sheet 1 of 1		

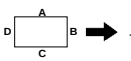
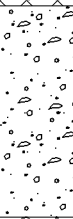
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Exploratory Hole Log

Drilled Logged AJ Checked AP		Start 02/09/2014 End 02/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.		Depth from to Diameter Casing Depth		Ground Level Coordinates National Grid Chainage	
Samples and Tests					Strata				
Depth	Type & No	Records	Date Casing	Time Water	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.30	ES 1				(MADE GROUND) Soft brown sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone and brick. Frequent roots and rootlets. Pockets of black ash and clinker. (VO = 3,2)	(0.30) 0.30			
1.30	ES 2				Soft orange sandy CLAY with rare gravel. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,2)	(1.00) 1.30			
2.20	ES 3				Light grey sandy clayey GRAVEL of sandstone with high cobble content. Gravel is subangular to rounded frequently tabular, fine to coarse of sandstone. Cobbles are subangular to rounded frequently tabular of sandstone. (VO = 4,4) EXPLORATORY HOLE ENDS AT 2.20 m	(0.90) 2.20			
Depth	Type & No	Records	Date Casing	Time Water	Groundwater Entries		Depth Related Remarks *		Chiselling Depths (m) Time Tools used
					No. Struck (m) Post strike behaviour Depth sealed (m) 1 2.00 Slow inflow with brown sheen on water 0.00		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. Scale 1:50 (c) ESG www.esg.co.uk 426.4817/10/2014 16:30:39 					Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Borehole IP2305 Sheet 1 of 1	

Logged SK/JC Checked AJon	Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.90 Unable to progress past cobbles and boulders.	Dimensions and Orientation Width 1.70 m Length 4.00 m A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 320 (Deg)	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Orangish brown and occasionally light grey locally silty gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone and occasional brick. (VO= 0, 0)	(0.80)		
1.50	ES 2		2 Brownish grey occasionally stained dark grey locally slightly silty SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 1,4)	0.80 (1.10)		
			EXPLORATORY HOLE ENDS AT 1.90 m	1.90		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)			Stability Stable
1 1.90 Rose to 1.80 m after 15 minutes. Thick oily sheen and slight froth on surface.						Shoring None Weather Sunny spells, 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 426.4806/01/2015 15:39:22 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2306 Sheet 1 of 1

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Logged AJ	Start 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1 Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.50 m		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.40	ES 1		1 (MADE GROUND) Black subangular to subrounded, fine to coarse GRAVEL of clinker. (VO= 4, 4)	(0.40)		
1.00	ES 2		2 Grey sandy subangular to rounded, fine to coarse frequently tabular GRAVEL of sandstone with high cobble content. Cobbles are subangular to rounded, frequently tabular of sandstone. (VO= 4, 4)	(0.70)		
			EXPLORATORY HOLE ENDS AT 1.10 m	1.10		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2308 Sheet 1 of 1	

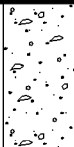
Trial Pit Log

Logged AJ Checked AJon		Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.30m Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown clayey gravelly SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone and brick. (VO=0, 1)	(0.70)		
			2 Grey gravelly, fine to coarse SAND with high cobble content. Gravel is subangular to subrounded frequently tabular of sandstone. Cobbles are subangular to subrounded, frequently tabular of sandstone. (VO= 4, 4)	0.70 (0.60)		
1.30	ES 2		EXPLORATORY HOLE ENDS AT 1.30 m 1.30 m Bedrock	1.30		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.30 Slow inflow from base of pit - brown oil sheen on surface.			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 426.4806/01/2015 15:39:35			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2309 Sheet 1 of 1		

Trial Pit Log



Logged AJ Checked AJon		Start 03/09/2014 End 03/09/2014	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 3.50 m A B C D	Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.40	ES 1		1 (MADE GROUND) Soft sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone, brick and concrete. (VO= 0, 0)	(0.40)		
1.00	ES 2		2 Soft orangish brown sandy gravelly 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)	(0.60)		
1.50	ES 3		3 Grey gravelly, fine to coarse SAND with high cobble content. Gravel is subangular to rounded, fine to coarse frequently tabular of sandstone. Cobbles are subangular to rounded frequently tabular of sandstone. (VO= 4, 4)	(0.80)		
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80		
			1.80 m Bedrock			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Sun		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4806/01/2015 15:39:37			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2310 Sheet 1 of 1		

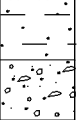
Logged JC Checked AP	Start 31/07/2014 End 31/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated on concrete	Dimensions and Orientation Width 1.70 m Length 3.90 m A D B C ➔	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.30	ES 1		1 Brown gravelly, fine to coarse SAND with medium cobble content of sandstone. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of brick. (VO = 0,0)	(0.50)		
			EXPLORATORY HOLE ENDS AT 0.50 m	0.50		
</						

Trial Pit Log

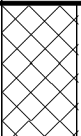
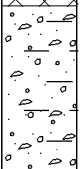


Logged AJ Checked AJon		Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.00m Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.30	ES 1		1 (MADE GROUND) Black angular to subrounded fine to coarse GRAVEL of clinker. (VO= 4, 4)			(0.30)		1
			2 Grey sandy subangular to subrounded, frequently tabular GRAVEL of sandstone with high cobble content. Cobbles are subangular to rounded, frequently tabular of sandstone. (VO= 3, 4)			(0.70)		
1.00	ES 2		EXPLORATORY HOLE ENDS AT 1.00 m 1.00 m Bedrock.			1.00		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.30 Medium ingress with brown hydrocarbon sheen on water			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 426.4806/01/2015 15:39:41			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2381 Sheet 1 of 1		

Logged AJ Checked AJon		Start 03/09/2014 End 03/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.60m Terminated on bedrock		Dimensions and Orientation Width 1.60 m Length 3.80 m A B C →		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.30	ES 1		1 (MADE GROUND) Black subangular to subrounded, fine to coarse GRAVEL of clinker. (VO= 4, 4)			0.30			
			2 Grey sandy subangular to subrounded, fine to coarse, frequently tabular GRAVEL with high cobble content. Cobbles are subangular to subrounded, tabular of sandstone. (VO= 4, 4)			(1.30)			
1.53	ES 2		EXPLORATORY HOLE ENDS AT 1.60 m			1.60			
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.40 Fast inflow with brown sheen on water			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 426.4806/01/2015 15:39:43 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2382 Sheet 1 of 1			

Drilled Logged AJ Checked AP		Start 02/09/2014 End 02/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.3m Terminated on bedrock.		Depth from to Diameter Casing Depth		Ground Level Coordinates National Grid Chainage		
Samples and Tests					Strata					
Depth		Type & No	Records	Date Casing	Time Water	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50		ES 1				(MADE GROUND) Soft brown sandy slightly gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone and brick. Frequent roots and rootlets. (VO = 1,0)		(0.50)		
0.90		ES 2				Soft orangish brown sandy CLAY with low gravel content. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,1)		0.50 (0.40) 0.90 (0.40) 1.30		
						Light grey sandy subangular to subrounded frequently tabular, fine to coarse GRAVEL of sandstone with high cobble content. Cobbles are subangular to subrounded frequently tabular of sandstone. (VO = 4,4)				
						EXPLORATORY HOLE ENDS AT 1.30 m				
Depth		Type & No	Records	Date Casing	Time Water	Depth Related Remarks *		Chiselling Depths (m)	Time	Tools used
No. Struck (m)		Post strike behaviour		Depth sealed (m)		From to (m)				
None observed (see Key Sheet)										
Notes: 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 1:50 (c) ESG www.esg.co.uk 426.4817/10/2014 16:30:55					Project Project No. Carried out for		Coed Darcy Sitewide Trial Pitting H4039-14 St Modwen Developments Limited		Borehole IP2383 Sheet 1 of 1	

Exploratory Hole Log

Drilled Logged AJ Checked AP		Start 02/09/2014 End 02/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.		Depth from to Diameter Casing Depth		Ground Level Coordinates National Grid Chainage	
Samples and Tests					Strata				
Depth	Type & No	Records	Date Casing	Time Water	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1				(MADE GROUND) Soft brown sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone and brick. Frequent roots and rootlets. Occasional wood fragments. (VO = 1,0) Grey sandy clayey GRAVEL with high cobble content and pockets of black oil staining. Gravel is subangular to rounded, fine to dense of sandstone. Cobbles are subangular to rounded frequently tabular of sandstone. (VO = 4,4) 2.00 m Bedrock. EXPLORATORY HOLE ENDS AT 2.00 m		(0.90) 0.90 (1.10) 2.00	 	
Depth	Type & No	Records	Date Casing	Time Water					
Groundwater Entries No. Struck Post strike behaviour Depth sealed (m) None observed (see Key Sheet)					Depth Related Remarks * From to (m)		Chiselling Depths (m) Time Tools used		
Notes: 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 1:50					Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Borehole IP2384 Sheet 1 of 1		

Trial Pit Log



Logged DD Checked AP		Start 04/08/2014 End 04/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated due to contamination.	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 300 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Firm friable brown and dark brown sandy gravelly slightly silty CLAY with medium to high cobble content and medium boulder content. Gravel is angular to subangular occasionally subrounded, fine to coarse of siltstone, brick, concrete, slag and clinker. Cobbles are angular to subangular occasionally subrounded of siltstone, sandstone, brick, concrete, slag and clinker. Boulders are subangular of brick and concrete. (VO = 2,2)	(2.00)			
			2 (MADE GROUND) Bluish grey and dark grey slightly clayey slightly sandy angular to subangular occasionally subrounded, fine to coarse GRAVEL of siltstone, sandstone, brick, concrete and slag with high cobble and boulder content. Cobbles and boulders are subangular of concrete and slag. (VO = 4,4) EXPLORATORY HOLE ENDS AT 2.20 m	2.00 2.20			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.00 Standing water			Depth Related Remarks * From to (m)		Stability Stable with some collapse Shoring None Weather Partly raining		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2385 Sheet 1 of 1		



Trial Pit Log



Logged DD Checked AP		Start 04/08/2014 End 04/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.2m Terminated due to water ingress	Dimensions and Orientation Width 1.50 m Length 4.50 m A B C D 270 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Dark brown to reddish brown occasionally black sandy slightly clayey GRAVEL with high cobble content and medium to high boulder content. Gravel is angular to subangular occasionally subrounded, fine to coarse of siltstone, sandstone, concrete, slag, clinker and brick. Cobbles are angular to subangular of concrete and slag. Boulders are subangular of concrete. (VO = 2,2)	(1.20)			
EXPLORATORY HOLE ENDS AT 1.20 m				1.20			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.00 Standing water			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 426.4812/05/2015 10:18:29			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2386 Sheet 1 of 1		

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Trial Pit Log

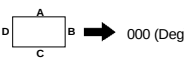
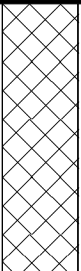
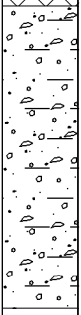
Logged LF Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated from GL to 2.50m Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Brown gravelly fine to coarse SAND with high cobble and boulder content. Gravel is subangular to subrounded fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone, brick and concrete. Boulders are subangular of concrete. Frequent metal fragments. (VO = 0,0)	(1.00)		
1.50	ES 2	*	2 Grey gravelly clayey fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 1,0)	(1.50)		
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m	2.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 1.20 Slow inflow			Depth Related Remarks * From to (m) 1.00 0.00 Broken water pipe.	Stability Stable Shoring None Weather Sun		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2388 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.9m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
0.50	ES 1		1 (MADE GROUND) Dark brown sandy gravelly SILT with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular of sandstone and brick. (VO = 1,1)	(0.30)				
			2 Light grey frequently stained black and orange slightly clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 3,2)	(0.60)				
1.50	ES 2		3 Orangish brown occasionally stained black slightly clayey gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	(1.00)				
			EXPLORATORY HOLE ENDS AT 1.90 m	1.90				
			1.90 m Grey weathered bedrock.					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.90 Seepage			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:36:34			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2389 Sheet 1 of 1		

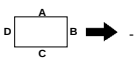
Trial Pit Log

Logged AW Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.90m. Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level 0.00 mOD Coordinates E 0.00 National Grid N 0.00 Chainage Offset (m) 0.00	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		(MADE GROUND) Light grey frequently stained orange and black slightly sandy slightly gravelly slightly clayey SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded fine to coarse of sandstone, concrete and brick. Cobbles are subangular of sandstone and brick with localised pockets of hydrocarbon product. (VO = 5,3)	(0.90)		
1.50	ES 2		1 Greyish brown moderately stained black and orange sandy slightly clayey subangular to subrounded fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 3,2)	0.90 -0.90 (1.00)		
			EXPLORATORY HOLE ENDS AT 1.90 m	1.90 -1.90		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2390 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.3m Terminated on concrete.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D B →	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 (MADE GROUND) Dark brown slightly organic slightly sandy slightly gravelly SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular of brick, ceramic and tile. Frequent roots and rootlets. Occasional metal fragments and metal wiring. (VO = 1,1) 0.30 m Concrete base. EXPLORATORY HOLE ENDS AT 0.30 m	(0.30) 0.30		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather 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 426.4908/02/2015 16:36:37			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2391 Sheet 1 of 1	

Logged DD Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Tracked 210 Machine excavated trial pit from GL to 2.00m. Terminated due to dense formation and ingress of water.	Dimensions and Orientation Width 1.50 m Length 3.50 m 		Ground Level - Coordinates - National Grid - Chainage -
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 Firm to soft orangish brown gravelly CLAY with high cobble and boulder content. Gravel is subangular to subrounded fine to coarse of siltstone and sandstone. Cobbles are angular to subangular of brick. Boulders are angular of brickwork and concrete. Frequent pipework and cables. (VO=1,0)	(2.00)		 1
			EXPLORATORY HOLE ENDS AT 2.00 m	2.00		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.20 Fast inflow			Depth Related Remarks * From to (m)		Stability Unstable Shoring None Weather Fine	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 11:22:03 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2392 Sheet 1 of 1	

Trial Pit Log

PRELIMINARY

Logged AW Checked	Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level Coordinates National Grid Chainage		
Samples and Tests		Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 (MADE GROUND) Dark brown occasionally orange stained clayey slightly sandy slightly gravelly SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular of brick and sandstone. (VO = 1,1)	(0.40)		
1.00	ES 2		2 Light grey frequently stained orange slightly clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO = 3,1)	(0.70)		
2.00	ES 3		3 Greyish brown slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 2,1)	1.10 (1.20)		
			EXPLORATORY HOLE ENDS AT 2.30 m 2.30 m Grey weathered bedrock.	2.30		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.10 Seepage			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Cloudy	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2393 Sheet 1 of 1	

Trial Pit Log

Logged AW Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.8m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 (MADE GROUND) Dark brown slightly sandy slightly gravelly SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular of sandstone and brick. Frequent roots and rootlets. (VO = 1,1)	(0.40)		
0.50	ES 2		2 Firm brown moderately stained orange sandy CLAY. Sand is fine. (VO = 2,1)	(0.70)		
1.50	ES 3		3 Light grey frequently stained orange slightly clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 3,2)	1.10 (0.50)		
2.50	ES 4		4 Greyish brown slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 2,1)	1.60 (1.20)		
			EXPLORATORY HOLE ENDS AT 2.80 m	2.80		
			2.80 m Grey weathered bedrock.			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.60 Seepage			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:36:43			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2394 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.2m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D B →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description				Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 Soft to firm grey moderately stained orange and yellow slightly sandy slightly gravelly CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 5,3)				(0.40)		
1.00	ES 2		2 Brownish grey moderately stained black slightly clayey gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO = 4,3)				0.40 (0.80)		
			EXPLORATORY HOLE ENDS AT 1.20 m				1.20		
			1.20 m 3 large metal pipes found and removed, one is 25m long. Hydrocarbon product found on them.						
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.30 Seepage mixing black hydrocarbon product from pipes giving the water a black oily colour.			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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited				Trial Pit IP2395 Sheet 1 of 1		



Trial Pit Log



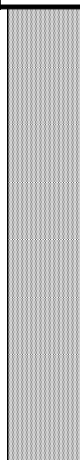
Logged AJ Checked AP		Start 31/03/2015 End 31/03/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.00m Terminated due to water ingress.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Reddish brown subangular COBBLES of brick slag and concrete with much sandy subangular to subrounded, fine to coarse gravel of brick, sandstone and clinker. Sand is fine to coarse of ash. (VO = 0,0)		(1.00)	1	
			EXPLORATORY HOLE ENDS AT 1.00 m		1.00		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.80 Fast inflow.			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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2396 Sheet 1 of 1		

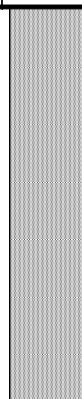
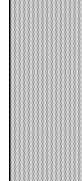


Trial Pit Log



Logged DD Checked AP		Start 04/08/2014 End 04/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.2m Terminated due to water ingress	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 300 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Dark grey and reddish brown occasionally black clayey gravelly medium to coarse SAND with high cobble content and medium to high boulder content. Gravel is angular to subangular occasionally subrounded, fine to coarse of siltstone, sandstone, concrete, slag, clinker and bricks. Cobbles are angular to subangular occasionally subrounded of siltstone, concrete, slag, clinker and bricks. Boulders are angular to subangular of concrete and slag. (VO = 2,2)	(1.20)			
			EXPLORATORY HOLE ENDS AT 1.20 m	1.20			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.00 Standing water			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 426.4812/05/2015 10:18:32			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2397 Sheet 1 of 1	

Logged DD Checked AP		Start 01/08/2014 End 01/08/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.5m Terminated on concrete		Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D 270 (Deg)		Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Firm friable brown and grey sandy slightly silty gravelly CLAY with high cobble and boulder content. Gravel is angular to subangular occasionally subrounded, fine to coarse of siltstone, sandstone, brick, concrete and slag. Cobbles and boulders are angular to subangular occasionally subrounded of siltstone, sandstone, bricks, concrete and slag. Occasional clinker and metal fragments. Moderate odour. (VO = 2,2)					(1.50)		
			EXPLORATORY HOLE ENDS AT 1.50 m					1.50		
Depth	Type & No.	Records Date								
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)					Stability Stable Shoring None Weather 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 426.4812/05/2015 10:18:38 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited					Trial Pit IP2398 Sheet 1 of 1		

Logged NK Checked AP	Start 12/02/2015 End 12/02/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated tria pit from GL to 1.9m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 2.00 m A B C D B →	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Soft brown sandy gravelly SILT with low cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Rare rootlets. (VO = 0,0)	(1.30)		
1.50	ES 2		2 (MADE GROUND) Reddish purple gravelly SAND with medium cobble content. Sand is medium to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and clinker. Cobbles are subangular to subrounded of sandstone and brick. (VO = 2,2)	1.30 (0.60)		
			EXPLORATORY HOLE ENDS AT 1.90 m	1.90		
			1.90 m Bedrock			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4809/03/2015 16.00.12 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2399 Sheet 1 of 1		

Trial Pit Log



Logged AJ Checked AP		Start 02/09/2014 End 02/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Soft brown sandy slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Frequent roots and rootlets. (VO = 0,3)		(1.10)			
1.50	ES 2		2 Soft orangish brown sandy gravelly CLAY with medium cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to rounded of sandstone. Becoming dark grey stained from 1.60m. (VO = 1,1) becoming (VO = 4,4) from 1.60m		1.10 (1.10)			
2.20	ES 3		EXPLORATORY HOLE ENDS AT 2.20 m		2.20			
			2.20 m Bedrock					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Sun			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 11:22:06			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2400 Sheet 1 of 1			

Trial Pit Log

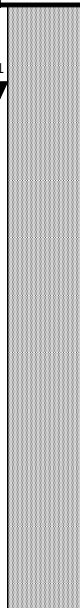
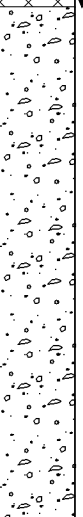


Logged AW Checked AJon		Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.00m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 5.00 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 (MADE GROUND) Orange moderately stained black clayey slightly gravelly SILT. Gravel is subangular to subrounded of sandstone and brick. Frequent roots and rootlets. (VO= 2, 0)		(0.40)		
			2 (MADE GROUND) Grey occasionally stained orange clayey slightly sandy gravelly SILT with medium cobble content and medium boulder content. Sand is fine to coarse. Gravel is subangular to subrounded. Cobbles are subangular to subrounded of sandstone. Boulders are subangular, tabular of sandstone. (VO= 3, 3)		0.40		
2.00	ES 2		3 Grey frequently stained black slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with high cobble content and medium boulder content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Boulders are subangular of sandstone (VO= 3, 4)		(0.40)		
			2.00 m Bedrock.		2.00		
			EXPLORATORY HOLE ENDS AT 2.00 m				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.50 Seepage from area pipe removed			Depth Related Remarks * From to (m)		Stability Unstable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4806/01/2015 15:39:45 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2401 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AJon		Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.40m Terminated on heavily hydrocarbon stained bedrock.	Dimensions and Orientation Width 1.50 m Length 5.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brownish orange slightly clayey slightly sandy slightly gravelly SILT. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and ash. Frequent roots and rootlets. (VO= 1, 0)	(0.30)		
1.00	ES 2		2 (MADE GROUND) Soft orangish brown, frequently stained black sandy slightly gravelly CLAY. Sand is fine to coarse occasionally of ash. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. With boulder sized pockets of heavily hydrocarbon stained black contaminated sandy peat. (VO= 3, 3)	(0.70)		
			3 (MADE GROUND) Brownish grey occasionally stained black silty gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO= 3, 3)	(0.80)		
2.00	ES 3		4 (MADE GROUND) Grey, frequently stained black, clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with high cobble content and medium boulder content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Boulders are subangular, tabular of sandstone. (VO= 4, 4)	(0.60)		
			EXPLORATORY HOLE ENDS AT 2.40 m 2.40 m Bedrock	2.40		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 1.80 Seepage mixed with hydrocarbon product giving it an oily black sheen			Depth Related Remarks * From to (m)	Stability Unstable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2402 Sheet 1 of 1		

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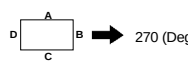
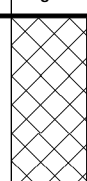
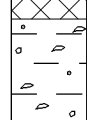
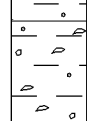
Logged AW Checked AJon		Start 03/09/2014 End 03/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.00m Terminated on bedrock		Dimensions and Orientation Width 1.50 m Length 5.00 m A B C D E		Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 (MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL of clinker. Sand is fine to coarse of ash. Frequent roots and rootlets. (VO= 3, 1)					(0.30)		
			2 Brownish grey, frequently stained black, slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with high cobble content and frequent boulder content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Boulders are subangular, tabular of sandstone. Hydrocarbon staining and product increases with depth. (VO= 3, 3)					0.30		
			EXPLORATORY HOLE ENDS AT 2.00 m					2.00		

Logged AJ Checked AJon	Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.30m Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D E	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.30	ES 1		1 (MADE GROUND) Black angular to subrounded, fine to coarse GRAVEL of clinker. (VO= 4, 4)	0.30		
1.00	ES 2		2 Grey sandy subangular to subrounded, fine to coarse, frequently tabular GRAVEL of sandstone with high cobble content. Cobbles are subangular to rounded, frequently tabular of sandstone becoming oil stained with depth. (VO= 4, 4)	(1.00)		
			EXPLORATORY HOLE ENDS AT 1.30 m	1.30		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.30 Fast inflow with brown oil sheen on water			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 426.4806/01/2015 15:39:54 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2405 Sheet 1 of 1		

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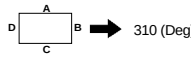
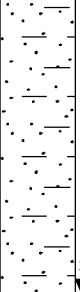
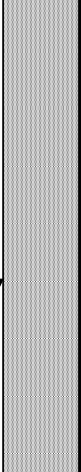
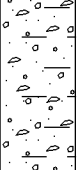
Exploratory Hole Log

Drilled Logged LF Checked AP		Start 06/08/2014 End 06/08/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock		Depth from to Diameter Casing Depth		Ground Level Coordinates National Grid Chainage	
Samples and Tests					Strata				
Depth	Type & No	Records	Date Casing	Time Water	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1				(MADE GROUND) Dark grey and black gravelly, fine to coarse SAND of ash. Gravel is angular of sandstone, fine to coarse of brick and clinker. (VO = 0,0)		(0.30)		
1.50	ES 2				Orangish brown occasionally lightly stained slightly gravelly clayey fine SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Slight hydrocarbon odour. (VO = 1,1)		(0.90)		
					Grey occasionally heavily stained slightly silty SAND and GRAVEL with medium cobble content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. Sand is fine. Hydrocarbon odour. (VO = 3,4)		(0.80)		
					2.00 m Weathered bedrock. EXPLORATORY HOLE ENDS AT 2.00 m		2.00		
Depth	Type & No	Records	Date Casing	Time Water					
Groundwater Entries No. Struck Post strike behaviour Depth sealed (m) None observed (see Key Sheet)					Depth Related Remarks * From to (m)			Chiselling Depths (m) Time Tools used	
Notes: 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 1:50					Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Borehole IP2407 Sheet 1 of 1	

Logged DD	Start 30/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.40m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 3.50 m 	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Light red to dark grey and black sandy clayey GRAVEL with low to medium cobble content. Gravel is subangular, fine to coarse of slag, clinker with low to medium cobble content. Cobbles are subangular to subrounded of brick and occasional concrete. Sand is fine to coarse of ash. (VO = 3,1)	(0.60)		
0.80	ES 2		2 Firm light brown mottled grey slightly gravelly silty CLAY. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. (VO = 0,0)	(0.40)		
1.20	ES 3		3 Firm bluish grey slightly sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles are subangular to subrounded of siltstone and sandstone. (VO = 2,3)	(0.40)		
			EXPLORATORY HOLE ENDS AT 1.40 m	1.40		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 426.4828/08/2014 17:10:49 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2408 Sheet 1 of 1		

Logged DD Checked AP	Start 30/07/2014 End 30/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.0m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D ➡ 200 (Deg)	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 Stiff brown slightly gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles are subangular to subrounded of siltstone and sandstone. (VO = 0,0)	(0.50)		
0.80	ES 2		2 Firm bluish grey slightly sandy gravelly silty CLAY with medium to high cobble content and low to medium boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of sandstone. Moderate odour. (VO = 2,2)	0.50 (0.50)		
			EXPLORATORY HOLE ENDS AT 1.00 m 1.00 m Sandstone bedrock	1.00		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 426.4803/09/2014 12:11:46 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2480 Sheet 1 of 1		

Trial Pit Log

Logged LF Checked AP		Start 06/08/2014 End 06/08/2014	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 3.40 m 	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Grey occasionally heavily stained gravelly clayey fine SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. Sand is fine to coarse. Strong hydrocarbon odour. (VO = 3,3)	(1.00)			
1.50	ES 2		2 Brown heavily stained slightly sandy slightly clayey angular, fine to coarse GRAVEL of sandstone with high cobble content. Cobbles are angular to subangular of sandstone. Strong hydrocarbon odour. Rare droplets of free product on gravels. (VO = 3,3)	1.00 (0.60)			
			EXPLORATORY HOLE ENDS AT 1.60 m	1.60			
			1.60 m Weathered bedrock.				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.00 Seepage - heavy hydrocarbon sheen and brown coating.			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2481 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 28/07/2014 End 28/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.80m Terminated due to water ingress	Dimensions and Orientation Width 1.70 m Length 3.90 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
		*	1 Brown gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 0,0) 2 Grey slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 0,4)	(0.30) 0.30 (1.50) 1.80		
			EXPLORATORY HOLE ENDS AT 1.80 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.60 Water ingress			Depth Related Remarks * From to (m) 0.00 1.80 No Samples Obtained.	Stability Shoring None Weather		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4803/09/2014 14:54:47			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2482 Sheet 1 of 1		

Exploratory Hole Log

Drilled Logged AW Checked AP		Start 02/09/2014 End 02/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.8m Terminated on bedrock.		Depth from to Diameter Casing Depth		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests					Strata				
Depth	Type & No	Records	Date Casing	Time Water	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1				(MADE GROUND) Brownish orange sandy slightly gravelly SILT with low cobble content and occasional boulder content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular of sandstone. Boulders are subangular of sandstone. (VO = 1,1)		(0.80)		
1.50	ES 2				(MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL of ash. Sand is fine to coarse of ash. (VO = 3,1)		0.80 (0.30)		
2.50	ES 3				Soft to firm grey frequently orange stained slightly silty slightly gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 3,3)		(0.90)		
					Brownish grey slightly silty gravelly, fine to coarse SAND with medium cobble content and moderate boulder content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. Boulders are subangular tabular of sandstone. (VO = 3,3) 2.80 m Bedrock. EXPLORATORY HOLE ENDS AT 2.80 m		(0.80)		
Depth	Type & No	Records	Date Casing	Time Water					
Groundwater Entries					Depth Related Remarks *		Chiselling		
No.	Struck (m)	Post strike behaviour	Depth sealed (m)		From to (m)		Depths (m)	Time	Tools used
1	1.00	Seepage	0.00						
Notes: 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 1:50					Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Borehole IP2483 Sheet 1 of 1		

Trial Pit Log



Logged DD Checked AP		Start 01/08/2014 End 01/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.8m Terminated on concrete	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 200 (Deg)		Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Stiff friable brown and dark grey slightly sandy gravelly CLAY with high cobble content and medium boulder content. Gravel is angular to subangular occasionally subrounded, fine to coarse of siltstone, sandstone, concrete, brick, slag and clinker. Cobbles and boulders are angular to subangular occasionally subrounded of siltstone, sandstone, concrete, brick, slag and clinker. (VO = 4,2)			(0.80)		
			EXPLORATORY HOLE ENDS AT 0.80 m			0.80		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2484 Sheet 1 of 1		

Scale 1:25

(c) ESG www.esg.co.uk
426.4812/05/2015 10:18:41

Logged AJ Checked AP	Start 31/03/2015 End 31/03/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.60m. Terminated due to water ingress.	Dimensions and Orientation Width 1.60 m Length 3.50 m A D B C ➔	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Reddish brown subangular to subrounded COBBLES of sandstone and brick with much sandy subangular to subrounded fine to coarse gravel of sandstone, brick and concrete. Sand is fine to coarse. (VO = 0,0)	(1.60)		
1.50	ES 2			1.60		
			EXPLORATORY HOLE ENDS AT 1.60 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.10 Fast inflow.			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 426.4814/04/2015 11:48:35 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2485 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.60m. Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 (MADE GROUND) Dark brown frequently stained black sandy silty subangular to subrounded fine to coarse GRAVEL of sandstone, ash, brick and concrete. Sand is fine to coarse predominantly of ash. Cobbles are subangular to subrounded of sandstone, brick and concrete. (VO = 4,1)	(0.40)		
0.50	ES 2		2 Yellowish brown sandy SILT. Sand is fine. (VO = 4,1)	(0.40)		
1.00	ES 3		3 Bluish grey frequently stained orange slightly gravelly clayey fine to coarse SAND with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 3,3).	0.80 (0.60)		
2.00	ES 4		4 Greyish brown frequently stained orange and black sandy clayey subangular to subrounded fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subrounded of sandstone. (VO = 3,2)	1.40 (1.20)		
			EXPLORATORY HOLE ENDS AT 2.60 m	2.60		
			2.60 m Bedrock			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2486 Sheet 1 of 1		

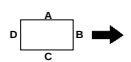
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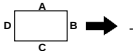
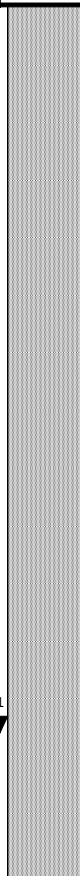
Trial Pit Log



Logged AW Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated rial pit from GL to 1.30m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) CONCRETE. (VO = 0,0)	0.20		
			2 (MADE GROUND) Grey frequently stained black and orange slightly gravelly slightly clayey fine to coarse SAND with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and concrete. Cobbles are subrounded of sandstone. (VO = 4,3)	(0.80)		
1.10	ES 2		3 Brown frequently stained orange sandy slightly clayey subangular to subrounded fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 3,2)	1.00 (0.30)		
			1.30 m Bedrock.	1.30		
			EXPLORATORY HOLE ENDS AT 1.30 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 0.20 Seepage from old pipe			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2488 Sheet 1 of 1		



Logged AW	Start 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL-2.50m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 4.00 m				Ground Level Coordinates National Grid Chainage
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 Grey frequently stained orange and black slightly gravelly clayey fine to coarse SAND with low cobble content and rare cobble sized pockets of grey mottled orange sandy clay. Gravel is subangular to subrounded fine to coarse sandstone and brick. Cobbles are subangular of sandstone and brick. Frequent roots and rootlets. Rare metal fragments. (VO = 3,3)		0.00-2.50 m Bedrock.	(1.20)	
			2 Greyish brown gravelly slightly silty fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,1)		1.20	(1.30)	
			EXPLORATORY HOLE ENDS AT 2.50 m		2.50		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m) 0.00 2.50 No samples obtained.			Stability Stable Shoring None Weather Cloudy	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2489 Sheet 1 of 1	

Logged AW	Start 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.90m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 4.00 m		Ground Level Coordinates National Grid Chainage	
Checked AP	End 29/09/2014					
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Light grey frequently stained orange and black slightly gravelly clayey fine to coarse SAND with low cobble content and rare cobble sized pockets of soft grey mottled orange sandy clay. Gravel is subangular to subrounded fine to coarse of sandstone and brick. Cobbles are subangular of sandstone and brick. Occasional roots and rootlets. (VO=3,3)	(1.20)		
1.50	ES 2		2 Greyish brown gravelly slightly clayey fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=2,2)	1.20		
2.50	ES 3			(1.70)		
			EXPLORATORY HOLE ENDS AT 2.90 m	2.90		

Logged AW Checked AP	Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL-2.50m. Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D B →	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 Grey slightly clayey fine to coarse SAND. Occasional roots and rootlets. (VO=1,1)	(0.30)		
			2 Bluish grey frequently stained orange and black slightly gravelly clayey fine to coarse SAND with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and brick. (VO=3,2)	0.30		
1.50	ES 2		3 Greyish brown gravelly slightly clayey fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=2,2)	1.40		
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m	2.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.80 Seepage			Depth Related Remarks * From to (m)		Stability Unstable Shoring None Weather Cloudy	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 11:22:24 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2491 Sheet 1 of 1	

Logged AW Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.00m. Terminated on bedrock	Dimensions and Orientation Width 0.50 m Length 4.00 m A B C →		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 Dark brown slightly organic sandy slightly gravelly SILT. Sand is fine. Gravel is subangular to subrounded fine to coarse of sandstone, concrete and brick. Frequent roots and rootlets. Occasional metal fragments. Occasional plastic sheeting. (VO=1,1)		0.40 <		

Trial Pit Log

Logged AW Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.5m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Light grey moderately stained orange slightly clayey silty gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Moderate roots and rootlets. (VO = 2,2)	(1.00)		
1.50	ES 2		2 Greyish brown slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 2,2)	(1.50)		
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m 2.50 m Grey weathered bedrock.	2.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.60 Seepage			Depth Related Remarks * From to (m)	Stability Unstable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:36:49			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2493 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.60m. Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments	
0.20	ES 1		1 Light brown moderately stained orange slightly gravelly clayey SILT. Gravel is subangular to subrounded fine to coarse of sandstone and brick. (VO=2,1)	(0.40)			
1.00	ES 2		2 Light grey moderately stained orange gravelly slightly clayey fine to coarse SAND with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO=2,2)	(0.80)			
2.00	ES 3		3 Greyish brown sandy slightly clayey subangular to subrounded fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone (VO=2,2)	(1.40)			
			EXPLORATORY HOLE ENDS AT 2.60 m	2.60			
			2.60 m Bedrock				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.60 Seepage			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4804/02/2015 11:22:30			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2494 Sheet 1 of 1		

Logged AW Checked AP	Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.7m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C →		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Grey occasionally stained orange clayey gravelly SILT with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone and concrete. Occasional roots and rootlets. (VO = 1,0)	0.60		
1.50	ES 2		2 Greyish brown moderately stained black slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 3,2)	(2.10)		
2.50	ES 3					
			EXPLORATORY HOLE ENDS AT 2.70 m	2.70		

Logged JH Checked AP	Start 23/03/2015 End 23/03/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.40m. Terminated on concrete.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 332 (Deg)	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Black and red slightly sandy silty subangular to subrounded, fine to coarse GRAVEL of clinker and sandstone. Sand is fine to coarse of ash. (VO = 1,0)	(1.40)		
			EXPLORATORY HOLE ENDS AT 1.40 m	1.40		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 426.4815/04/2015 13:46:27			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2497 Sheet 1 of 1		

Trial Pit Log



Logged DD Checked AP		Start 01/08/2014 End 01/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.9m Terminated due to collapse	Dimensions and Orientation Width 1.50 m Length 3.50 m 		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Stiff brown and dark grey gravelly CLAY with medium cobble content. Gravel is angular to subangular occasionally subrounded, fine to coarse of siltstone, sandstone and occasional brick and concrete. Cobbles are angular to rounded of siltstone and sandstone. Frequent pockets of medium sand. (VO = 3,3)	(0.80)			
			2 (MADE GROUND) Dark grey and dark purplish black slightly clayey sandy angular, fine to coarse GRAVEL of siltstone, sandstone, brick, clinker and slag with medium to high cobble and boulder content. Cobbles and boulders are subangular to subrounded of siltstone, sandstone, slag and clinker. Occasional pockets of free product. (VO = 4,4)	0.80			
			3 Soft to firm bluish grey and brown sandy slightly silty gravelly CLAY with medium to high cobble and boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subrounded to rounded of siltstone and sandstone. Strong odour. (VO = 4,4)	1.90			
				(2.10)			
				4.00			
			EXPLORATORY HOLE ENDS AT 4.00 m				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.50 Fast ingress of heavily discoloured water			Depth Related Remarks * From to (m)		Stability Unstable Shoring None Weather Rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2498 Sheet 1 of 1		



[illegible]

Drilled Logged AW Checked AP		Start 02/09/2014 End 02/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.5m Terminated on bedrock.		Depth from to Diameter Casing Depth		Ground Level Coordinates National Grid Chainage	
Samples and Tests					Strata				
Depth		Type & No	Records	Date Casing	Time Water	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50		ES 1				(MADE GROUND) Brown slightly sandy slightly gravelly SILT with low cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone. Frequent roots and rootlets. (VO = 0,0)	(1.00)		
1.00		ES 2					1.00 (0.30)		1
1.50		ES 3				Black silty slightly sandy slightly gravelly fibrous PEAT. Sand is fine to coarse of ash. Gravel is subangular of slag and clinker. Frequent roots and rootlets. (VO = 4.3)	1.30 (0.70)		
2.50		ES 4				Grey occasionally stained black clayey slightly sandy slightly gravelly SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO = 3,3)	2.00 (0.50)		
						Grey frequently stained black clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with high cobble and boulder content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Boulders are subangular tabular of sandstone. Cobbles and boulders both have visible hydrocarbon product on them. (VO = 4,3)	2.50		
						EXPLORATORY HOLE ENDS AT 2.50 m			
Depth		Type & No	Records	Date Casing	Time Water				
Groundwater Entries						Depth Related Remarks *		Chiselling	
No.		Struck (m)		Post strike behaviour		From to (m)		Depths (m)	
1		1.00		Seepage mixing with hydrocarbon product leaving an oily black sheen				Time Tools used	
Notes: 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		Borehole	
(c) ESG www.esg.co.uk 426.4817/10/2014 16:31:30						Coed Darcy Sitewide Trial Pitting		IP2500	
Scale 1:50						Project No. H4039-14			
AGS						Carried out for St Modwen Developments Limited		Sheet 1 of 1	

Trial Pit Log



Logged AJ Checked AP		Start 13/08/2014 End 13/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.70m. Terminated due to water ingress and collapse.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D B →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.20	ES 1		1 Soft orangish brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone. Frequent roots and rootlets. (VO = 0,1)		(0.30)			
0.40	ES 2		2 Soft black fibrous PEAT. (VO = 0,1)		0.30			
1.50	ES 3		3 Light grey sandy subangular to subrounded fine to coarse GRAVEL of sandstone with high cobble content. Cobbles are subangular to subrounded of sandstone. Frequent cobble sized pockets of grey, stained black clay. (VO = 3,4)		0.50			
			EXPLORATORY HOLE ENDS AT 2.70 m		2.70			
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.50 Fast infow			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 426.4805/03/2015 15:45:54			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2501 Sheet 1 of 1		

Trial Pit Log



Logged PL Checked AP		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.60m Terminated on bedrock.	Dimensions and Orientation Width 0.80 m Length 3.00 m A B C 175 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Soft brown and orange slightly sandy slightly gravelly peaty CLAY. Gravel is subrounded, fine to coarse of snadstone. (VO = 0,0)	(0.60)			
0.70	ES 2		2 Black sandy CLAY. Sand is fine to medium. (VO = 2,2)	0.60			
1.70	ES 3		3 Grey clayey sandy subrounded, fine to coarse GRAVEL of sandstone with medium cobble and low boulder content. Cobbles are subrounded of sandstone (VO = 2,3)	0.80			
			EXPLORATORY HOLE ENDS AT 2.60 m	2.60			
			2.60 m Bedrock				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.00 Seepages with strong oil content on surface of water			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 426.4823/01/2015 12:03:45			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2502 Sheet 1 of 1		

Trial Pit Log

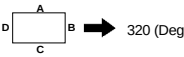
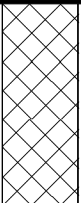
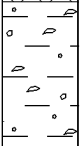


Logged PL Checked AP		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.50m Terminated on bedrock.	Dimensions and Orientation Width 0.80 m Length 3.00 m A B C 170 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Soft brown and orange slightly sandy slightly gravelly CLAY. Gravel is subrounded, fine to coarse of sandstone. (VO = 0,0)	(0.60)			
1.50	ES 2		2 Grey clayey sandy subrounded, fine to coarse GRAVEL of sandstone with low to medium cobble content. Cobbles are subrounded of sandstone. (VO = 2,2)	0.60 (1.90)			
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m	2.50			
			2.50 m Bedrock				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.50 Heavy oil staining on surface of water.			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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2503 Sheet 1 of 1		



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Trial Pit Log

Logged DD Checked AP		Start 30/07/2014 End 30/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.2m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Stiff brown gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and bricks. Cobbles are subangular to subrounded of siltstone, sandstone and occasional bricks. (VO = 0,0)	(0.70)		
			2 Stiff dark purplish brown gravelly CLAY with medium cobble and low boulder content. Gravel is angular to subangular. fine to coarse of sandstone. Cobbles and boulders are angular to subangular of sandstone. (VO = 0,0)	0.70 (0.50)		
			EXPLORATORY HOLE ENDS AT 1.20 m 1.20 m Sandstone bedrock	1.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 426.4803/09/2014 12:11:55 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2505 Sheet 1 of 1		

Trial Pit Log



Logged DD Checked AP		Start 30/07/2014 End 30/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D 320 (Deg)		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
0.50	ES 1		1 (MADE GROUND) Firm to stiff orangish brown gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and bricks. Cobbles are subangular to subrounded of bricks, siltstone and sandstone. (VO = 1,1)	(1.10)				
1.50	ES 2		2 Firm locally soft bluish grey slightly sandy gravelly silty CLAY with medium cobble and boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of siltstone and sandstone. (VO = 2,3)	1.10 (0.90)				
			EXPLORATORY HOLE ENDS AT 2.00 m	2.00				
			2.00 m Sandstone bedrock					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2506 Sheet 1 of 1		



Trial Pit Log



Logged DD Checked AP		Start 30/07/2014 End 30/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.80m. Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 200 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
		*	1 (MADE GROUND) Stiff brown grey slightly gravelly CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse of siltstone and occasional brick. Cobbles are subangular of siltstone and occasional brick. Rare pockets of grey to dark brown sandy subangular to subrounded fine to medium gravel of clinker. Sand is of ash. (VO = 2,2)	(0.70)			
			2 Firm bluish grey to dark grey slightly sandy slightly gravelly CLAY with medium to high cobble content and low to medium boulder content. Cobbles are subangular to subrounded of siltstone. Boulders are angular to subangular of sandstone. (VO = 4,4)	0.70 (1.10)			
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80			
			1.80 m Bedrock				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m) 0.00 1.80 No samples obtained.		Stability Stable Shoring None Weather Fine		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2507 Sheet 1 of 1		

Scale 1:25

(c) ESG www.esg.co.uk
426.4805/03/2015 15:13:11

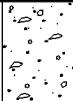
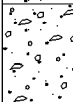
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Trial Pit Log



Logged DD Checked AP		Start 30/07/2014 End 30/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 320 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Stiff brown gravelly CLAY with medium cobble and low boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and occasional brick. Cobbles and boulders are subangular to subrounded of siltstone and sandstone. (VO = 1,0)	(0.70)			
			2 Firm locally soft blueish grey and dark grey slightly sandy silty gravelly CLAY with medium cobble and boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of sandstone. (VO = 4,4)	0.70 (1.10)			
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80			
			1.80 m Sandstone bedrock				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2578 Sheet 1 of 1		



Logged JC	Start 28/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.80m Terminated due to water ingress	Dimensions and Orientation Width 1.80 m Length 3.70 m		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 Brown slightly clayey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 0,0)	(0.50)		
			2 Grey slightly clayey SAND and GRAVEL with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 0,4)	0.50		
				(1.30)		
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.20 Water ingress			Depth Related Remarks * From to (m) 0.00 1.80 No Samples Obtained.		Stability Stable Shoring None Weather Sunny	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4803/09/2014 14:55:20 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2579 Sheet 1 of 1	

Trial Pit Log

Logged PL Checked AP		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.00m Unable to progress through cobbles and boulders.	Dimensions and Orientation Width 0.80 m Length 3.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Grey and dark grey clayey sandy angular, fine to coarse GRAVEL of limestone and sandstone with medium cobble content. Cobbles are angular of limestone. (VO = 0,0)	(0.70)		
1.00	ES 2		2 Soft to firm slightly gravelly sandy CLAY with low cobble content. Gravel is subrounded, fine to coarse of sandstone. Sand is fine to coarse. Cobbles are subrounded of sandstone. (VO = 0,1)	(0.50)		
2.00	ES 3		3 Brown and grey clayey SAND and GRAVEL with medium cobble content and low boulder content. Sand is fine to coarse. Gravel is subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. Boulders are tabular of sandstone. (VO = 0,2)	(2.80)		
3.00	ES 4					
4.00	ES 5		EXPLORATORY HOLE ENDS AT 4.00 m	4.00		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.00 Seepage - heavy sheen on surface of water			Depth Related Remarks * From to (m)	Stability Stabel 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2580 Sheet 1 of 1		

Logged JC Checked AP	Start 29/07/2014 End 29/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.70m Terminated due to water ingress	Dimensions and Orientation Width 1.50 m Length 3.90 m		Ground Level - Coordinates - National Grid - Chainage -
Samples and Tests			Strata		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend
		*	1 Brown SAND and GRAVEL. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	0.50	
			2 Dark brown clayey fibrous PEAT. (VO = 0,0)	1.10	
			3 Soft to firm orangish brown gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	1.60	
			4 Grey slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subangular to subrounded of sandstone. (VO = 0,4)	2.00	
			EXPLORATORY HOLE ENDS AT 3.70 m	3.70	
Depth	Type & No.	Records Date			
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.00 Water ingress			Depth Related Remarks * From to (m) 0.00 3.70 No Samples Obtained.		Stability Stable Shoring None Weather Cloudy
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4803/09/2014 14:55:25			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2581 Sheet 1 of 1

Scale 1:25 (c) ESG www.esg.co.uk 426.4812/05/2015 10:18:51 Carried out for St Modwen Developments Limited Sheet 1 of 1

Trial Pit Log



Logged DD Checked AP		Start 01/08/2014 End 01/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated due to collapse.	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 & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Firm brown gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and occasional brick. Cobbles are subangular to subrounded of siltstone, sandstone and occasional brick. (VO = 1,2)	(0.50)			
			2 Light brown slightly clayey medium SAND. (VO = 1,2)	(0.80)			
			3 Soft to firm bluish grey and dark grey sandy gravelly slightly silty CLAY with high cobble and boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of siltstone and sandstone. (VO = 4,4)	(2.70)			
EXPLORATORY HOLE ENDS AT 4.00 m				4.00			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.30 Seepage			Depth Related Remarks * From to (m)		Stability Unstable from 0.5m 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 426.4812/05/2015 10:18:56			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2583 Sheet 1 of 1		

Logged AW Checked AP	Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D ➔	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 (MADE GROUND) Yellowish brown moderately stained orange silty slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone. (VO = 2,1)	0.30		
1.00	ES 2		2 Greyish brown slightly clayey silty gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,2)	0.80		
			EXPLORATORY HOLE ENDS AT 1.10 m	1.10		
				</		

Trial Pit Log



Logged AW Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 (MADE GROUND) Brown frequently stained orange silty gravelly, fine SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sanstone and brick. Cobbles are subangular of sandstone. Moderate roots and rootlets. Occasional wood fragments. (VO = 2,2)			(0.50)		
1.00	ES 2		2 Bluish grey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded of sandstone. Cobbles are subangular of sandstone. (VO = 3,3)			(0.80)		
2.50	ES 3		3 Greyish brown moderately stained orange slightly clayey gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,2)			(2.00)		
			EXPLORATORY HOLE ENDS AT 3.30 m			3.30		
			3.30 m Grey weathered bedrock.					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.30 Seepage			Depth Related Remarks * From to (m)			Stability Unstable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4908/02/2015 16:36:59 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2585 Sheet 1 of 1		

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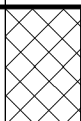
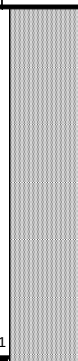
Trial Pit Log



Logged AW Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Grey occasionally stained black and orange slightly clayey silty slightly gravelly, fine to coarse SAND. Gravel is subangular to subrounded of sandstone and concrete. Occasional roots and rootlets. Rare metal fragments. (VO = 2,2)		(0.60)		
1.50	ES 2		2 Greyish brown moderately stained black slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 3,3)		(1.20)		
			EXPLORATORY HOLE ENDS AT 1.80 m		1.80		
			1.80 m Grey weathered bedrock.				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.80 Seepage at bedrock.			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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2587 Sheet 1 of 1		



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Logged A/W Checked A/P		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.2m Terminated due to water ingress.	Dimensions and Orientation Width 1.40 m Length 3.00 m A B C D B →		Ground Level Coordinates National Grid Chainage			
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.20	ES 1		1 (MADE GROUND) Dark brown moderately stained black silty gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular of sandstone, brick and concrete. Occasional metal fragments. Rare rope. Occasional roots and rootlets. (VO = 2,2) 2 (MADE GROUND) Yellowish brown frequently stained black slightly clayey gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular of sandstone and brick. (VO = 5,3)			0.00-1.20 m Face A: Brick wall structure found in pit, once broken pit filled with water and hydrocarbon product.	(0.40)		
					(0.80)				
			EXPLORATORY HOLE ENDS AT 1.20 m			1.20			
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.20 Fast inflow.			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 426.4808/02/2015 16:57:34 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2589 Sheet 1 of 1			

Trial Pit Log



Logged AW Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 (MADE GROUND) Reddish orange silty slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular of sandstone and brick. Moderate roots and rootlets. (VO = 0,0)			(0.50)		
1.00	ES 2		2 Light grey moderately orange stained with an oily sheen, silty slightly gravelly, fine SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO - 3,3)			0.50 (0.70)		
2.00	ES 3		3 Greyish brown occasionally stained black clayey slightly sandy gravelly SILT with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,2)			1.20 (1.20)		
			EXPLORATORY HOLE ENDS AT 2.40 m			2.40		
			2.40 m Grey weathered bedrock.					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.20 Seepage			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4908/02/2015 16:57:38 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2590 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP	Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 Yellow occasionally stained orange sandy slightly gravelly SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO = 1,0)	(0.40)		
1.00	ES 2		2 Light grey frequently stained orange silty slightly gravelly, fine SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 2,1)	(0.70)		
2.00	ES 3		3 Greyish brown slightly clayey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	(1.20)		
			EXPLORATORY HOLE ENDS AT 2.30 m	2.30		
			2.30 m Bedrock			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.90 Seepages			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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2591 Sheet 1 of 1		



Trial Pit Log



Logged AW Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated due to concrete structure.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D B →	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.40	ES 1		1 (MADE GROUND) Orangish brown silty slightly gravelly, fine SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone, brick and concrete. Frequent roots and rootlets. (VO = 0,0) EXPLORATORY HOLE ENDS AT 0.50 m	(0.50) 0.50	1	
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.50 Seepage			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:37:16 AGS			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2592 Sheet 1 of 1		

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Trial Pit Log



Logged AW Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.7m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 (MADE GROUND) Orange silty slightly gravelly, fine SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and ceramic. Cobbles are subrounded of sandstone. (VO = 0,0)			(0.30)		1
0.50	ES 2					2 Bluish grey frequently stained black slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 5,3)		
			0.70 m Grey weathered bedrock. EXPLORATORY HOLE ENDS AT 0.70 m			0.70		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.30 Seepage mixing with hydrocarbon product leaving an oily sheen on surface.			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:37:23			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2594 Sheet 1 of 1		

Logged DD Checked AP		Start 24/09/2014 End 24/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D E 280 (Deg)			Ground Level Coordinates National Grid Chainage		
Samples and Tests				Strata							
Depth	Type & No.	Date Records	Description					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Soft to firm greyish brown gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and brick. Cobbles are subangular to subrounded of siltstone, sandstone and brick. (VO = 2,2) 1.00 m Pockets of dark grey sand, clinker, slag and occasional free product. (VO = 4,4) 1.00-1.80 m High cobble content, high boulder content. Cobbles and boulders are angular to subangular occasionally subrounded and tabular of siltstone, sandstone and occasional concrete. EXPLORATORY HOLE ENDS AT 1.80 m					(1.80)		1	
1.50	ES 2							1.80			
Depth	Type & No.	Records Date									
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.00 Seepage			Depth Related Remarks * From to (m)					Stability Collapsing Shoring None Weather Fine			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4808/02/2015 16:57:43 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited					Trial Pit IP2595 Sheet 1 of 1			

Trial Pit Log



Logged DD Checked AP		Start 01/08/2014 End 01/08/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated due to collapse		Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 280 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
		*	1 (MADE GROUND) Stiff brown gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and brick. Cobbles are subangular to subrounded of siltstone and sandstone. (VO = 2,4)			(0.80)			
			2 Bluish grey occasionally dark grey clayey sandy subrounded to rounded occasionally subangular, fine to coarse GRAVEL of siltstone and sandstone with high cobble content and medium to high boulder content. Cobbles and boulders are subrounded to rounded of siltstone and sandstone. Strong odour. (VO = 4,4)			0.80			
						(3.20)			
			EXPLORATORY HOLE ENDS AT 4.00 m			4.00			
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.50 Seepage			Depth Related Remarks * From to (m) 0.00 4.00 No Samples Obtained			Stability Unstable Shoring None Weather Dry			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4812/05/2015 10:19:00			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2597 Sheet 1 of 1			

Trial Pit Log



Logged DD Checked AP		Start 01/08/2014 End 01/08/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated due to collapse.		Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 280 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Firm locally soft bluish grey mottled brown slightly silty sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone with occasional bricks. Sand is fine to coarse. (VO = 3,2)						
1.50	ES 2					(3.00)			
			2 Soft to firm bluish grey sandy slightly silty gravelly CLAY with high cobble content and medium to high cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subrounded to rounded of siltstone and sandstone. (VO = 3,3)			3.00			
						(1.00)			
			EXPLORATORY HOLE ENDS AT 4.00 m			4.00			
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.00 Fast ingress of water			Depth Related Remarks * From to (m)			Stability Unstable Shoring None Weather Rain			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2598 Sheet 1 of 1			



Trial Pit Log



Logged AJ Checked AP		Start 26/02/2015 End 26/02/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Dark grey sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 2,2)	(2.00)			
1.50	ES 2			2.00			
2.50	ES 3		2 Soft orangish brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 2,3)	(1.00)			
3.50	ES 4		3 Light brown gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 2,3)	3.00 (0.80)		1	
4.50	ES 5		4 Greyish brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 2,3)	3.80 (1.20)			
Depth	Type & No.	Records Date	EXPLORATORY HOLE ENDS AT 5.00 m				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.50 Fast ingress.			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Dry	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4831/03/2015 15:01:00 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2599 Sheet 1 of 1	

Trial Pit Log

Logged JC Checked AP		Start 29/07/2014 End 29/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.60m Terminated due to water ingress	Dimensions and Orientation Width 1.80 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level, (Thickness), Legend, Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
		*	1 Brownish grey SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 0,0)	(1.00)		
			2 Soft to firm dark grey subrounded organic CLAY. (VO = 0,0)	1.00		
				(2.40)		
			3 Brown slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subangular to subrounded of sandstone. (VO = 0,4)	3.40		
				(1.20)		
				4.60		
			EXPLORATORY HOLE ENDS AT 4.60 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m) 0.00 4.60 No Samples Obtained.	Stability Unstable at 3.90 to 4.40m 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 426.4803/09/2014 14:55:29			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2600 Sheet 1 of 1		

Trial Pit Log



Logged JC Checked AP		Start 29/07/2014 End 29/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.10m Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.80 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
		*	1 Brownish grey SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. Oil saturated. (VO = 5,0)		(1.00)			
			2 Soft to firm greyish brown organic CLAY. (VO = 0,0)		1.00			
					(1.10)			
			3 Grey slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are angular to subangular of sandstone. (VO = 0,4)		2.10			
					(2.00)			
			EXPLORATORY HOLE ENDS AT 4.10 m		4.10			
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.90 Water ingress			Depth Related Remarks * From to (m) 0.00 GL 4.10m No Samples Obtained			Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2601 Sheet 1 of 1		



Trial Pit Log



Logged JC Checked AP		Start 29/07/2014 End 29/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.20m Terminated due to water ingress	Dimensions and Orientation Width 1.80 m Length 4.20 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
		*	1 Brownish grey SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 0,0)	(0.70)				
			2 Soft firm grey organic CLAY. (VO = 0,0)	0.70				
				(1.60)				
			3 Grey slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are angular to subangular of sandstone. (VO = 0,4)	2.30				
				(0.90)				
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20				
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.20 Water ingress			Depth Related Remarks * From to (m) 0.00 3.20 No Samples Obtained			Stability Stable Shoring NOne Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4803/09/2014 14:55:40 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2602 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 11/02/2015 End 11/02/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Stiff dark grey moderately stained black gravelly slightly sandy CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 3,3)	(1.00)		
1.50	ES 2		2 Grey mottled orange slightly gravelly SILT with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 0,0)	1.00 (1.20)		
			EXPLORATORY HOLE ENDS AT 2.20 m	2.20		
			2.20 m Grey weathered bedrock.			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2603 Sheet 1 of 1		

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Trial Pit Log



Logged DD Checked AP		Start 30/07/2014 End 30/07/2014	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 3.50 m A B C D 200 (Deg)		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
			1 (MADE GROUND) Stiff dark brown and dark grey slightly sandy gravelly CLAY with high cobble and medium boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone, brick, concrete and slag. Cobbles and boulders are angular to subangular of brick, concrete, slag and occasionally siltstone and sandstone. (VO = 4,3) 0.20-0.30 m Black sandy fine to medium gravel of ash and clinker 0.50 m Sandstone bedrock EXPLORATORY HOLE ENDS AT 0.50 m			(0.50) 0.50		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 426.4803/09/2014 12:12:26 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2606 Sheet 1 of 1		

[illegible]

Trial Pit Log

Logged JC Checked AP		Start 31/07/2014 End 31/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.60m Terminated on concrete	Dimensions and Orientation Width 1.60 m Length 3.80 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brownish grey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and rare clinker with low cobble content. Cobbles are angular to subangular of sandstone. Cobble sized pockets of sand of ash. (VO = 0,0)	(0.60)		
			EXPLORATORY HOLE ENDS AT 0.60 m 0.60 m Concrete	0.60		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2674 Sheet 1 of 1		

Trial Pit Log



Logged JC Checked AP		Start 28/07/2014 End 28/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.20m Terminated due to water ingress	Dimensions and Orientation Width 1.80 m Length 3.90 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 Brown slightly clayey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse. Cobbles are angular to subangular of sandstone. (VO = 0,0)		(1.10)		
			2 Grey slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 0,4)		1.10		
					(1.60)		
			EXPLORATORY HOLE ENDS AT 2.70 m		2.70		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.50 Water ingress			Depth Related Remarks * From to (m) 0.00 2.70 No Samples Obtained		Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2675 Sheet 1 of 1		

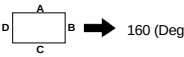
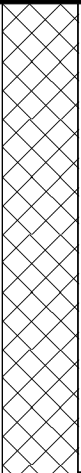


Trial Pit Log



Logged JC Checked AP		Start 29/07/2014 End 29/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.60m Terminated due to water ingress	Dimensions and Orientation Width 1.70 m Length 3.90 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
		*	1 Brownish grey SAND and GRAVEL. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)		(1.10)			
			2 Soft to firm brown sandy gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)		1.10 (0.90)			
			3 Grey slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subangular to subrounded of sandstone. (VO = 0,4)		2.00 (1.60)			
			EXPLORATORY HOLE ENDS AT 3.60 m		3.60			
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.30 Water ingress			Depth Related Remarks * From to (m) 0.00 3.60 No Samples Obtained			Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4803/09/2014 14:58:50 AGS			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2676 Sheet 1 of 1		

Trial Pit Log

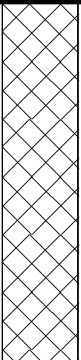
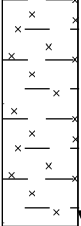
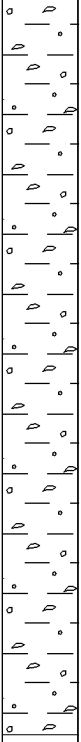
Logged PL Checked AP		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 6.00m Terminated due to collapse in Face A and C.	Dimensions and Orientation Width 0.80 m Length 3.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level, (Thickness), Legend, Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Grey and black slightly clayey sandy angular to subangular, fine to coarse GRAVEL of sandstone, brick and concrete with low cobble content. Cobbles are subangular of limestone and sandstone. (VO = 0,0)	(1.60)		
1.50	ES 2			1.60		
2.50	ES 3		2 Grey and brown clayey SAND and GRAVEL with low to medium cobble content. Sand is fine to coarse. Gravel is subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 0,2)			
3.50	ES 4			(4.40)		
4.50	ES 5					
Depth	Type & No.	Records Date	Stratum continues to 6.00 m			
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.60 Seepage			Depth Related Remarks * From to (m)		Stability Collapse in Face A and C from 1.60m. 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 426.4823/01/2015 12.04.11 			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2677 Sheet 1 of 2	

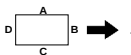
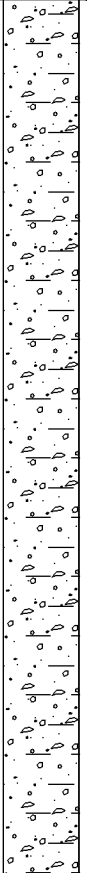
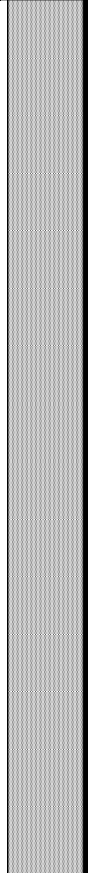
Trial Pit Log



Logged PL Checked AP		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 6.00m Terminated due to collapse in Face A and C.	Dimensions and Orientation Width 0.80 m Length 3.00 m A D-----B C ➔ 160 (Deg)		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
5.50	ES 6		2 Grey and brown clayey SAND and GRAVEL with low to medium cobble content. Sand is fine to coarse. Gravel is subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 0,2)					
			EXPLORATORY HOLE ENDS AT 6.00 m			6.00		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)			Stability Collapse in Face A and C from 1.60m. 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 426.4823/01/2015 12.04.12			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2677 Sheet 2 of 2		

Trial Pit Log

Logged DD Checked AJ		Start 22/08/2014 End 22/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated as unstable.	Dimensions and Orientation Width 1.50 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level, (Thickness), Legend, Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Firm locally stiff dark brownish grey gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and occasional brick. Cobbles are subangular of brick. (VO = 3,3)	(1.20)		
1.50	ES 2		2 Firm brown mottled orange CLAY. (VO = 2,2)	1.20 (0.80)		
			3 Firm locally soft greyish brown slightly sandy gravelly CLAY with high cobble content and medium to high boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded occasional tabular of siltstone and sandstone. Strong to very strong hydrocarbon odour. (VO = 3,4)	2.00 (2.50)		
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.00 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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2678 Sheet 1 of 1		

Logged AJ Checked AP	Start 31/03/2015 End 31/03/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.90m. Unable to progress beyond cobbles and boulders.	Dimensions and Orientation Width 1.60 m Length 3.50 m 		Ground Level Coordinates National Grid Chainage	-	-	-
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Greyish brown sandy slightly clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with high cobble content. Cobbles are subangular to subrounded of sandstone. Sand is fine to coarse. (VO= 3,4)			(2.90)		
1.50	ES 2							
2.50	ES 3							
			EXPLORATORY HOLE ENDS AT 2.90 m			2.90		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 426.4814/04/2015 11:48:59			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2679 Sheet 1 of 1		

Logged DD Checked AP		Start 24/09/2014 End 24/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.2m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D ➔ 280 (Deg)		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Firm to locally soft greyish brown locally dark grey slightly sandy gravelly CLAY with medium to high cobble content and medium boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are angular to subangular occasionally tabular of siltstone and sandstone. (VO = 1,1)					(1.20)		

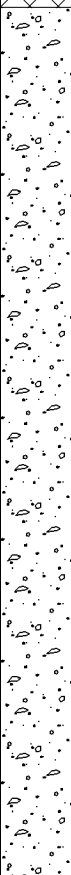
Logged DD Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D ➔ 250 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Firm to stiff grey locally mottled orangish brown slightly sandy gravelly CLAY with medium to high cobble content and low boulder content. Gravel is subangular to subrounded occasionally rounded, fine to coarse of siltstone and sandstone. Cobbles are subangular to subrounded occasionally rounded occasionally tabular. Boulders are angular to subangular tabular of siltstone and sandstone. (VO = 2,1)			(1.80)		
1.50	ES 2							
			EXPLORATORY HOLE ENDS AT 1.80 m			1.80		

Trial Pit Log

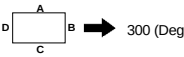
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Trial Pit Log

Logged AW Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.1m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Dark brown silty gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone and brick. Occasional roots and rootlets. 1 No. Cobble sized ball of solidified orange paint. (VO = 1,1)	(0.30)		
			2 Grey mottled yellowish orange clayey slightly sandy SILT. Sand is fine. (VO = 1,2)	(0.60)		
1.50	ES 2		3 Grey frequently stained orange silty gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 2,1)	(1.20)		
			EXPLORATORY HOLE ENDS AT 2.10 m 2.10 m Grey weathered bedrock.	2.10		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.40 Seepage			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:58:14			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2683 Sheet 1 of 1		

Logged AW Checked AP	Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D →	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 (MADE GROUND) Dark brown occasionally stained black, clayey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and ceramic. Cobbles are subangular of brick and sandstone. Occasional roots with rare metal fragments. (VO = 2,2)	(2.10)		
2.00	ES 2			2.10		
3.00	ES 3		2 Yellowish grey slightly clayey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO = 3,3)	(2.90)		
4.00	ES 4					
Depth	Type & No.	Records Date	EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4808/02/2015 16:58:20 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2684 Sheet 1 of 1		

Trial Pit Log

Logged DD Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 machine excavated trial pit from GL to 3.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Soft to firm dark grey slightly sandy gravelly CLAY with medium cobble content and low boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone, brick and concrete. Cobbles are subangular to subrounded of siltstone, sandstone and bricks. Boulders are subangular of sandstone. (VO = 4,2)			
1.50	ES 2					
2.80	ES 3		2 Firm light brown sandy slightly silty gravelly CLAY with high cobble content and medium to high boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of siltstone and sandstone. Sand is medium. Moderate hydrocarbon odour. (VO = 2,4)	2.70 (0.30)		
			3.00 m Bedrock. EXPLORATORY HOLE ENDS AT 3.00 m	3.00		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2685 Sheet 1 of 1		

Logged DD	Start 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated due to collapse.		Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 090 (Deg)		Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Soft to firm grey locally dark grey slightly silty gravelly CLAY with medium cobble content. Gravel is subangular occasionally subrounded, fine to coarse of siltstone, sandstone and occasional brick. Cobbles are subangular to subrounded occasionally rounded of siltstone, sandstone and brick. (VO = 4,4)			(2.00)		
1.50	ES 2							
2.50	ES 3		2 Stiff light bluish grey silty gravelly CLAY with high cobble content and medium boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are angular to subangular occasionally subrounded of siltstone and sandstone. Strong hydrocarbon odour. (VO = 2,4)			2.00 (2.00)		
			EXPLORATORY HOLE ENDS AT 4.00 m			4.00		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Very unstable all sides collapsing Shoring None Weather Fine		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4808/02/2015 16:58:29			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2686 Sheet 1 of 1		

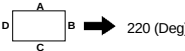
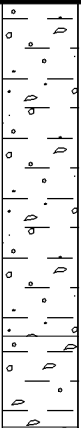
Trial Pit Log



Logged DD Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.3m Unable to progress through cobbles and boulders.		Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D 270 (Deg)		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description				Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.50	ES 1		1 (MADE GROUND) Firm to stiff grey to dark grey gravelly CLAY with medium cobble content. Gravel is angular to subangular occasionally subrounded, fine to coarse of siltstone and sandstone. Cobbles are angular to subangular of siltstone, sandstone and occasional brick. (VO = 4,4) 0.00-1.60 m Free product.				(1.60)		
			2 Stiff brown to orangish brown slightly sandy gravelly CLAY with medium to high cobble content and high boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of siltstone and sandstone. Sand is medium. Moderate to strong hydrocarbon odour. (VO = 1,1)				(0.70)		
			EXPLORATORY HOLE ENDS AT 2.30 m				2.30		
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.80 Seepage			Depth Related Remarks * From to (m)				Stability Stable Shoring None Weather Fine		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:58:34			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited				Trial Pit IP2687 Sheet 1 of 1		

Trial Pit Log



Logged DD Checked AP	Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.40m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Stiff grey locally dark grey slightly sandy gravelly CLAY with medium to high cobble content and medium boulder content. Sand is fine to coarse. Gravel is angular to subangular occasionally subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are angular to subangular occasionally subrounded of siltstone and sandstone. (VO = 1,1)	(1.10)		
1.20	ES 2		2 Brownish orangish brown sandy gravelly CLAY with high cobble content and medium to high boulder content. Gravel is angular to subangular and subrounded to rounded occasionally tabular of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of siltstone and sandstone. (VO = 0,0)	1.10 (0.30)		
			1.40 m Bedrock. - EXPLORATORY HOLE ENDS AT 1.40 m	1.40		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Fine	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2688 Sheet 1 of 1	



Trial Pit Log



Logged DD Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.5m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 200 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Firm to stiff dark grey to grey gravelly CLAY with medium cobble content. Gravel is angular to subangular, fine to coarse of siltstone and sandstone occasionally brick and concrete. Cobbles are subangular of siltstone and sandstone occasionally concrete. (VO = 1,1)	(0.60)			
			2 Stiff brown locally mottled dark grey gravelly cobbly CLAY with medium boulder content. Gravel is angular to subangular occasional subrounded, fine to coarse of siltstone and sandstone. Cobbles are angular to subangular occasionally subrounded of siltstone and sandstone. (VO = 2,1)	(0.90)			
1.50	ES 2		EXPLORATORY HOLE ENDS AT 1.50 m 1.50 m Bedrock				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Fine		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:58:46			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2689 Sheet 1 of 1		

Scale 1:25

Trial Pit Log



Logged DD Checked AP		Start 01/08/2014 End 01/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.0m Terminated due to collapse	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D 280 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
		*	1 (MADE GROUND) Stiff to firm brown slightly gravelly silty CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and occasional brick. (VO = 2,3)	(0.80)			
			2 Soft to firm bluish grey locally mottled light brown slightly sandy silty slightly gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles are subangular to subrounded of siltstone and sandstone. (VO = 2,4)	0.80			
			2.00-3.00 m Becoming gravelly with medium to high cobble content and low to medium boulder content.	(2.20)			
			EXPLORATORY HOLE ENDS AT 3.00 m	3.00			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.50 Fast ingress of water			Depth Related Remarks * From to (m) 0.00 3.00 No Samples Obtained.		Stability Unstable Shoring None Weather Rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2693 Sheet 1 of 1		



Trial Pit Log

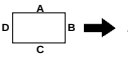
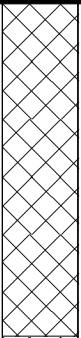
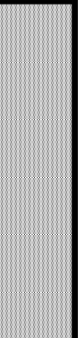
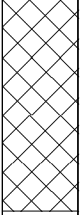
Logged JC Checked AP		Start 29/07/2014 End 29/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 6.20m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.70 m Length 4.10 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 Brown and grey slightly clayey SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 0,0)	0.20		
			2 Soft to firm grey mottled orange sandy gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone with low cobble content. Cobbles are angular to subangular of sandstone. (VO = 0,0)	(3.40)		
			3 Grey slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are angular to subangular of sandstone. (VO = 0,4)	3.60		
				(2.20)		
Depth	Type & No.	Records Date	Stratum continues to 5.80 m			
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m) 0.00 6.20 No Samples Obtained.		Stability Stable Shoring None Weather Sunny	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4803/09/2014 14:58:54			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2694 Sheet 1 of 2	

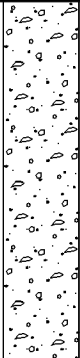
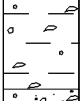
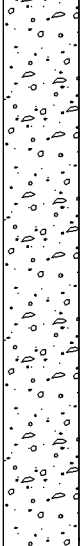
Trial Pit Log



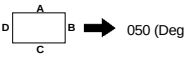
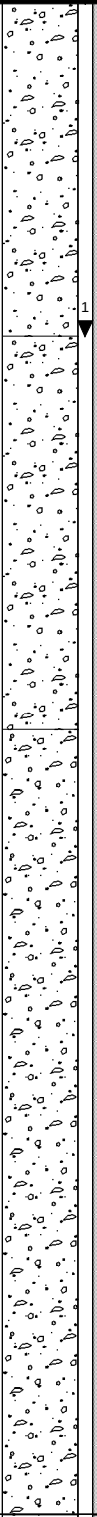
Logged JC Checked AP		Start 29/07/2014 End 29/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 6.20m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.70 m Length 4.10 m A B C D		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
			3 Grey slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are angular to subangular of sandstone. (VO = 0,4)				
			4 Soft to firm orange mottled grey sandy slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sndstone. (VO = 0,0)	5.80 (0.40)			
			EXPLORATORY HOLE ENDS AT 6.20 m	6.20			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Sunny	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4803/09/2014 14:58:56 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2694 Sheet 2 of 2	

Trial Pit Log

Logged JC Checked AP		Start 29/07/2014 End 29/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.80m Terminated due to water ingress	Dimensions and Orientation Width 1.60 m Length 3.80 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
		*	1 (MADE GROUND) Greyish brown SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone and concrete. (VO = 0,0)	(1.10)		
			2 (MADE GROUND) Stiff to firm brown mottled grey gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of concrete and brick. (VO = 0,0)	1.10 (0.70)		
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m) 0.00 1.80 No Samples Obtained	Stability Stable Shoring None Weather Dry		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2695 Sheet 1 of 1		

Logged JC Checked AP		Start 29/07/2014 End 29/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.40m Terminated due to water ingress	Dimensions and Orientation Width 1.70 m Length 3.90 m A B C D E		Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 Brownish grey SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)			(1.20)		
			2 Soft to firm orangish brown gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 0,0)			1.20 (0.30) 1.50		
			3 Grey slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are angular to subroundd of sandstone. (VO = 0,4)			(1.90)		
			EXPLORATORY HOLE ENDS AT 3.40 m			3.40		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.40 Water ingress			Depth Related Remarks * From to (m) 0.00 3.40 No Samples Obtained			Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 ESG www.esg.co.uk 426.4803/09/2014 14:59:09			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2696 Sheet 1 of 1		

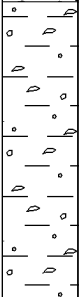
Trial Pit Log

Logged PL Checked AP		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 6.00m Terminated due to collapse.	Dimensions and Orientation Width 0.80 m Length 3.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Grey and black clayey sandy angular, fine to coarse GRAVEL of limestone and sandstone. (VO = 0,0)	(1.10)		
1.50	ES 2		2 Grey and brown clayey sandy angular, fine to coarse GRAVEL of limestone and sandstone with high cobble content. Cobbles are angular of limestone. (VO = 0,0)	1.10 (1.30)		
2.50	ES 3		3 Grey clayey SAND and GRAVEL with medium cobble content. Sand is fine to coarse. Gravel is subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 1,2)	2.40		
3.50	ES 4			(3.60)		
4.50	ES 5					
Depth	Type & No.	Records Date	Stratum continues to 6.00 m			
Groundwater Entries No. Struck Post Strike Behaviour 1 1.10 Fast inflow			Depth Related Remarks * From to (m)		Stability Unstable from GL. 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2697 Sheet 1 of 2	

Trial Pit Log



Logged PL Checked AP		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 6.00m Terminated due to collapse.	Dimensions and Orientation Width 0.80 m Length 3.00 m A D-----B C 050 (Deg)		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
5.50	ES 6		3 Grey clayey SAND and GRAVEL with medium cobble content. Sand is fine to coarse. Gravel is subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 1,2)					
			EXPLORATORY HOLE ENDS AT 6.00 m			6.00		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)			Stability Unstable from GL. 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 426.4823/01/2015 12:04:16			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2697 Sheet 2 of 2		

Logged JC Checked AP	Start 29/07/2014 End 29/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.20m Terminated due to water ingress	Dimensions and Orientation Width 1.60 m Length 4.00 m 	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 Dark greyish brown SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 0,0)	(0.70)		
			2 Soft to firm grey slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	0.70 (1.00)		
			3 Grey slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subangular to subrounded of sandstone. (VO = 0,4)	1.70 (1.50)		
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.20 Water ingress			Depth Related Remarks * From to (m) 0.00 3.20 No Samples Obtained		Stability Collapse from 0.9 to 2.30m 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 426.4803/09/2014 14:59:13 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2698 Sheet 1 of 1	

Logged DD	Start 30/07/2014	Equipment, Methods and Remarks	Dimensions and Orientation		Ground Level
Checked AP	End 30/07/2014	Komatsu PC210 Machine excavated trial pit from GL to 1.6m Terminated on bedrock	Width 1.50 m Length 3.50 m	A B C D ➔ 200 (Deg)	Coordinates - National Grid - Chainage -
Samples and Tests			Strata		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend
0.50	ES 1		1 (MADE GROUND) Firm to stiff dark grey and black slightly sandy gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and brick. Frequent wood and plastic fragments. (VO = 4,1)	(0.70)	
			2 Firm bluish grey and dark grey mottled brown slightly sandy slightly silty gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 3,4)	0.70 (0.90)	
			EXPLORATORY HOLE ENDS AT 1.60 m	1.60	

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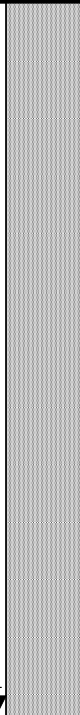
Trial Pit Log



Logged JC Checked AP		Start 30/07/2014 End 30/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.90m Terminated on bedrock	Dimensions and Orientation Width 1.50 m Length 3.70 m A B C D B → 000 (Deg)		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 Brown SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 0,0)			(1.00)		
			2 Grey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subangular to subrounded of sandstone. (VO = 0,4)			1.00 (0.90)		
			EXPLORATORY HOLE ENDS AT 1.90 m			1.90		
			1.90 m Bedrock					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.90 Water ingress.			Depth Related Remarks * From to (m) 0.00 1.90 No Samples Obtained.			Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2702 Sheet 1 of 1		



Drilled Logged KH Checked AP		Start 02/09/2014 End 02/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.75m Terminated at maximum reach of excavator.		Depth from to Diameter Casing Depth		Ground Level Coordinates National Grid Chainage	
Samples and Tests					Strata				
Depth	Type & No	Records	Date Casing	Time Water	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1				(MADE GROUND) Dark brown slightly silty gravelly SAND. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of concrete and sandstone. (VO = 0,0) 0.50-0.75 m Light brown.		0.50		
1.50	ES 2				Grey slightly silty gravelly SAND with low cobble content. Sand is fine to coarse. Gravel is fine to coarse, angular to subrounded of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,2)		(4.25)		
2.50	ES 3								
3.50	ES 4								
4.50	ES 5				4.50-4.75 m Locally slightly sandy gravel.		4.75		1
					EXPLORATORY HOLE ENDS AT 4.75 m				
Depth	Type & No	Records	Date Casing	Time Water	Groundwater Entries		Depth Related Remarks *		Chiselling Depths (m)
1	4.75	Seepage			0.00		From to (m)		Time Tools used
Notes: 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 Coed Darcy Sitewide Trial Pitting		Borehole IP2766		
(c) ESG www.esg.co.uk 426.4817/10/2014 16:31:50 Scale 1:50					Project No. H4039-14 Carried out for St Modwen Developments Limited		Sheet 1 of 1		

Drilled Logged KH Checked AP		Start 02/09/2014 End 02/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.75m Terminated at maximum reach of excavator		Depth from to Diameter Casing Depth		Ground Level Coordinates National Grid Chainage		
Samples and Tests					Strata					
Depth	Type & No	Records	Date Casing	Time Water	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1				(MADE GROUND) Dark grey slightly clayey slightly sandy GRAVEL. Gravel is angular to subrounded, fine to coarse of concrete and sandstone. Sand is fine to coarse. (VO = 0,1) 1.50-1.60 m Pockets of cobble sized brown silty sand 2.50-4.75 m Becoming slightly clayey. EXPLORATORY HOLE ENDS AT 4.75 m			(4.75)		
1.50	ES 2									
2.50	ES 3									
3.50	ES 4									
4.50	ES 5									
								4.75		

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Trial Pit Log

Logged AW Checked AP		Start 22/09/2014 End 22/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1m Terminated on concrete.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Dark greyish black clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone, brick and concrete with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone, brick and concrete. (VO = 2,0)	(0.80)		
1.00	ES 2		2 (MADE GROUND) Orangish brown clayey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and concrete. Cobbles are subangular of sandstone and concrete. (VO = 1,1)	0.80 (0.30)		
			1.10 m Concrete. EXPLORATORY HOLE ENDS AT 1.10 m	1.10		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2769 Sheet 1 of 1		

Trial Pit Log



Logged JH Checked AP		Start 23/03/2015 End 23/03/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.80m. Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C 200 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Blackish red slightly sandy subangular to subrounded, fine to coarse GRAVEL of clinker. Sand is fine to coarse of ash. (VO = 0,0)	(1.00)		1	
1.50	ES 2		2 Brown slightly gravelly, silty fine to coarse SAND of ash with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Cobbles are subangular of sandstone. (VO = 1,1)	1.00			
2.50	ES 3			(3.80)			
3.50	ES 4						
4.50	ES 5						
			EXPLORATORY HOLE ENDS AT 4.80 m	4.80			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.50 Fast inflow.			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. (c) ESG www.esg.co.uk 426.4815/04/2015 13:46:37 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2770 Sheet 1 of 1		

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Trial Pit Log



Logged DD Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.5m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 290 (Deg)		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Soft to firm dark grey slightly sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles are subangular to subrounded of siltstone, sandstone, brick and concrete. Frequent pockets of organic material. (VO = 3,3)	(2.20)			
1.50	ES 2						
2.50	ES 3		2 Stiff light brown sandy gravelly CLAY with high cobble content and medium to high boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of siltstone and sandstone. Strong hydrocarbon odour. (VO = 3,3) 2.50 m Bedrock. EXPLORATORY HOLE ENDS AT 2.50 m	2.20 (0.30) 2.50	 		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Collapsing on all faces. Shoring None Weather Fine,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 426.4908/02/2015 16:59:11			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2775 Sheet 1 of 1		

Trial Pit Log

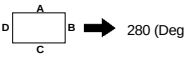
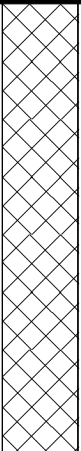
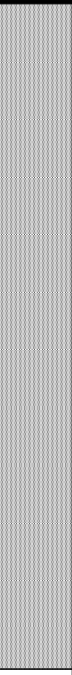
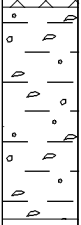
Logged AW Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 (MADE GROUND) Dark brown occasionally stained black slightly clayey slightly gravelly SILT with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick, concrete and ceramic. Cobbles are subangular to subrounded of sandstone and brick. Moderate roots and rootlets. (VO = 2,1)	(2.60)		
2.00	ES 2					
3.00	ES 3		2 (MADE GROUND) Yellowish brown slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	2.60 (0.90)		
4.00	ES 4		3 Greyish brown slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 3,3)	3.50 (1.50)		
			EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Unstable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2776 Sheet 1 of 1		

Trial Pit Log



Logged DD Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.8m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 250 (Deg)		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Soft dark brown to dark grey slightly sandy gravelly CLAY with low cobble and boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of siltstone, sandstone and occasional brick. (VO - 3,2)	(1.50)			
2.00	ES 2		2 Firm to stiff light orange brown mottled bluish grey silty gravelly CLAY with high cobble content and medium to high boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of siltstone and sandstone. Slight to moderate hydrocarbon odour. (VO - 2,3)	(1.30)			
			EXPLORATORY HOLE ENDS AT 2.80 m	2.80			
			2.80 m Bedrock				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Collapsing Shoring None Weather Fine		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:59:16			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2777 Sheet 1 of 1		

Trial Pit Log

Logged DD Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Unable to progress through cobbles and boulders.	Dimensions and Orientation Width 1.50 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Soft to firm dark grey and brown slightly sandy gravelly CLAY with low to medium cobble content and low boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and occasional brick. Cobbles are subangular to subrounded to siltstone, sandstone and occasional brick. Boulders are subrounded of siltstone and sandstone. (VO = 4,2)	(1.50)		
1.50	ES 2		2 Stiff light brown silty gravelly CLAY with high cobble content and medium boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles are subangular to subrounded of siltstone. Boulders are subrounded of siltstone. (VO = 0,0)	1.50 (0.70)		
			EXPLORATORY HOLE ENDS AT 2.20 m	2.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Collapsing Shoring None Weather Rain, 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. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2778 Sheet 1 of 1		

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Trial Pit Log



Logged DD Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Unable to progress through cobbles and boulders.	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D B → 090 (Deg)		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Soft to firm dark grey slightly sandy gravelly CLAY with low cobble and boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of siltstone, sandstone, brick and occasional concrete. (VO = 4,3)			(1.30)		
1.50	ES 2		2 (MADE GROUND) Stiff light brown sandy gravelly CLAY with high cobble content and medium to high boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of siltstone, sandstone, occasional brick and concrete. (VO = 2,2)			1.30 (1.10)		
			EXPLORATORY HOLE ENDS AT 2.40 m			2.40		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:59:24			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2780 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.4m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 (MADE GROUND) Reddish brown slightly silty gravelly, fine to coarse SAND moderately of ash with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick, concrete, ash and ceramic. Cobbles are subangular of sandstone, brick and ceramic. Rare metal fragments. Occasional roots and rootlets. (VO = 2,2)			(0.40)		
1.50	ES 2		2 Greyish brown moderately hydrocarbon stained slightly silty gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 3,3)			0.40		
2.50	ES 3					(4.00)		
3.50	ES 4							
			EXPLORATORY HOLE ENDS AT 4.40 m			4.40		
			4.40 m Bedrock					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4904/02/2015 11:24:04 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2785 Sheet 1 of 1		

Trial Pit Log



Logged JH Checked AP		Start 23/03/2015 End 23/03/2015		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit form GL to 4.80m. Terminated at maximum reach of excavator.		Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D 208 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Brownish grey slightly sandy gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone, clinker and brick. Sand is fine to coarse of ash. (VO = 0,0)			(1.10)			
1.50	ES 2		2 Firm grey slightly sandy gravelly SILT with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. Cobbles are subrounded to well rounded of sandstone. Occasional black oil stained cobbles. (VO = 1,1)			1.10			
2.50	ES 3								
3.50	ES 4					(3.70)			
4.50	ES 5								
			EXPLORATORY HOLE ENDS AT 4.80 m			4.80			
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2786 Sheet 1 of 1			



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Trial Pit Log



Logged AW Checked AP		Start 22/09/2014 End 22/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.2m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
1.00	ES 1		1 (MADE GROUND) Dark greyish black clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone, brick and concrete with high cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone and brick. (VO = 2,0)	(1.40)				
2.00	ES 2		2 Yellowish brown slightly clayey silty gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. Occasional roots, rootlets and wood fragments. (VO = 2,3)	1.40 (1.80)			1.40 m 2 No. rubber tubes (removed).	
3.00	ES 3			3.20			3.20 m Bedrock	
			EXPLORATORY HOLE ENDS AT 3.20 m					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4804/02/2015 11:24:14 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2789 Sheet 1 of 1		

Logged AW Checked AP	Start 22/09/2014 End 22/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.20m Terminated on concrete.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D ➔		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 (MADE GROUND) Black clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone, brick, ash, concrete and ceramic with high cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone, brick, concrete and ceramic. (VO = 3,1)	(1.80)		
2.00	ES 2		2 (MADE GROUND) Yellowish brown silty gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, concrete and brick. Cobbles are subangular of sandstone, brick and concrete. (VO = 1,1)	(0.40)		
			2.20 m Bedrock. — EXPLORATORY HOLE ENDS AT 2.20 m	2.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather 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 426.4804/02/2015 11:24:20 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2790 Sheet 1 of 1	

Logged KH Checked AP	Start 02/09/2014 End 02/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.75m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 4.30 m A B C B →		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 (MADE GROUND) Dark brown slightly gravelly SAND with low cobble content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone, concrete and brick. Cobbles are angular to subangular of brick. Rare rootlets. (VO = 0,0)	(0.70)		
			2 (MADE GROUND) Firm to stiff light brown slightly sandy CLAY. Sand is fine to coarse. (VO = 0,0)	0.70 (0.80)		
			3 (MADE GROUND) Grey to dark brown slightly gravelly slightly clayey fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,2)	1.50		
			2.60 m Large pipe	(3.20)		
			EXPLORATORY HOLE ENDS AT 4.75 m	4.70		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.00 Seepage			Depth Related Remarks * From to (m) 0.00 4.75 No Samples Obtained		Stability Stable Shoring None Weather Sunny,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 426.4804/02/2015 11:24:24 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2791 Sheet 1 of 1	

Trial Pit Log



Logged KH Checked AP		Start 02/09/2014 End 02/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.85m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 4.10 m A B C D		Ground Level 0.00 mOD Coordinates E 0.00 National Grid Chainage -	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Brown to dark brown slightly gravelly SAND. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of concrete and brick. (VO = 0,0)	(0.50)			
1.50	ES 2		2 (MADE GROUND) Dark grey slightly sandy clayey angular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content and low boulder content. Sand is fine to coarse. Cobbles are subangular of concrete. Boulders are subangular to subrounded of concrete. Rare metal fragments. (VO = 1,1)	0.50 -0.50 (3.00)		0.50-0.60 m Metal pipes.	
2.50	ES 3						
3.50	ES 4		3 Slightly clayey sandy angular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 1,1)	3.50 -3.50 (1.35)		1	
4.50	ES 5						
			EXPLORATORY HOLE ENDS AT 4.85 m	4.85 -4.85			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.00 Seepage			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Sunny,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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2792 Sheet 1 of 1		



Trial Pit Log



Logged KH Checked AP		Start 09/09/2014 End 09/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.7m Terminated due to concrete.	Dimensions and Orientation Width 0.90 m Length 0.30 m A B C D		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Brown to dark brown sandy GRAVEL with medium cobble content. Gravel is angular to subangular, fine to coarse of concrete, brick and sandstone. Sand is fine to coarse. Cobbles are angular to subangular of concrete and brick. One boulder of concrete. (VO = 0,1) 0.30-0.70 m Pocket of black boulder sized slightly clayey gravelly sand.	(0.70)			
0.70	ES 2			EXPLORATORY HOLE ENDS AT 0.70 m			0.70
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather 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 426.4807/11/2014 12:21:34			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2793 Sheet 1 of 1		

Drilled	Start	Equipment, Methods and Remarks						Depth from to Diameter Casing Depth			Ground Level		
Logged	02/09/2014	Komatsu PC210 Machine excavated trial pit from GL to 4.90m									-		
Checked	End	Terminated at maximum reach of excavator									Coordinates		
AP	02/09/2014										National Grid		
										Chainage			
Samples and Tests							Strata						
Depth	Type & No	Records	Date Casing	Time Water	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments					
0.50	ES 1				(MADE GROUND) Dark brown slightly silty slightly gravelly SAND with low cobble content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of concrete and sandstone. Cobbles are subangular to rounded of concrete and sandstone. (VO = 1,1)	0.50-0.70 m Black							
1.50	ES 2												
2.50	ES 3												
3.50	ES 4					3.50-4.90 m Becoming medium cobble content.							
4.50	ES 5												
EXPLORATORY HOLE ENDS AT 4.90 m						4.90							
Depth	Type & No	Records	Date Casing	Time Water	Depth Related Remarks *	Chiselling Depths (m)	Time	Tools used					
No.	Struck (m)	Post strike behaviour	Depth sealed (m)	From to (m)									
None observed (see Key Sheet)													
Notes: 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 Coed Darcy Site-wide Trial Pitting	Borehole IP2856							
(c) ESG www.esg.co.uk 426.4817/10/2014 16:32:16 AGS					Project No. H4039-14	Sheet 1 of 1							
Scale 1:50					Carried out for St Modwen Developments Limited								

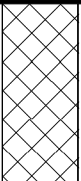
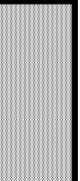
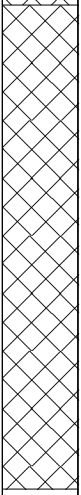
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Trial Pit Log



Logged AJ Checked AP		Start 01/04/2015 End 01/04/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit form GL to 5.00m. Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D →		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown gravelly slightly clayey fine to coarse SAND with low to medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0) becoming (VO = 2,3) from 1.00m. 1.00 m Becoming light grey. 1.00-1.40 m Face A: Concrete.		(5.00)		
1.50	ES 2						
2.50	ES 3						
3.50	ES 4						
4.50	ES 5						
Depth	Type & No.	Records Date	EXPLORATORY HOLE ENDS AT 5.00 m				
Groundwater Entries No. Struck Post Strike Behaviour (m) 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 426.4814/04/2015 11:49:04			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2858 Sheet 1 of 1		

Trial Pit Log

Logged DD Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Firm to stiff grey to dark grey gravelly CLAY with medium cobble content. Gravel is angular to subangular, fine to coarse of siltstone and sandstone. Cobbles are angular to subangular of siltstone, sandstone and occasional brick. (VO = 2,2)	(0.60)		
1.50	ES 2		2 (MADE GROUND) Firm to stiff brown gravelly CLAY with high cobble content and medium to high boulder content. Gravel is angular to subangular occasionally rounded, fine to coarse of siltstone and sandstone. Cobbles are subangular to subrounded of siltstone and sandstone and occasional brick. Boulders are angular occasionally tabular of siltstone and sandstone. Slight hydrocarbon odour. (VO = 2,1)	(1.60)		
			EXPLORATORY HOLE ENDS AT 2.20 m 2.20 m Bedrock	2.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Fine		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2863 Sheet 1 of 1		

Trial Pit Log



Logged DD Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.7m 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 & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
1.00	ES 1		1 (MADE GROUND) Soft to firm dark grey slightly sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and brick. Cobbles are subangular to subrounded of siltstone, sandstone, occasional brick and concrete. Sand is medium. (VO = 3,3)	(1.80)			
2.00	ES 2		2 (MADE GROUND) Stiff light brown slightly sandy gravelly CLAY with high cobble content and medium to high boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of siltstone, sandstone and occasional concrete. (VO = 1,3)	1.80 (0.90)			
			EXPLORATORY HOLE ENDS AT 2.70 m	2.70 Sandstone bedrock.			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Localised collapse Shoring None Weather Fine	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:59:36 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2864 Sheet 1 of 1	

Trial Pit Log

Logged DD Checked AP		Start 26/09/2014 End 26/09/2014	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 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 Firm to soft bluish grey sandy gravelly CLAY with medium cobble content, low boulder content and rare pockets of dark grey to black sandy clay. Gravel is subangular to subrounded fine to coarse of siltstone and sandstone. Cobbles are subangular to subrounded of sandstone. Boulders are subrounded of sandstone. (VO=4,4)	(1.80)		
2.50	ES 2		2 Stiff brown locally mottled grey gravelly CLAY with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles and boulders are subangular to subrounded fine to coarse of sandstone. (VO=1,1)	1.80 (1.00)		
			EXPLORATORY HOLE ENDS AT 2.80 m	2.80		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.80 Slow seepage			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2865 Sheet 1 of 1		

Logged DD Checked AP		Start 26/09/2014 End 26/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.20m. Terminated on bedrock		Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D E		Ground Level Coordinates National Grid Chainage					
Samples and Tests				Strata									
Depth		Type & No.		Date Records		Description		Depth, Level/ (Thickness)		Legend		Backfill/ Instruments	
0.20		ES 1				1 Firm brown gravelly silty CLAY with medium to high cobble. Gravel is subangular to subrounded fine to coarse of siltstone. Cobbles are subangular to rounded of sandstone, siltstone and brick. (VO=0,0)		(0.40)					
						2 Firm bluish grey slightly sandy gravelly silty CLAY with medium to high cobble content and low boulder content. Gravel is subangular to subrounded fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded of siltstone. (VO=4,5)		0.40					
								(2.30)					
3.00		ES 2				3 Stiff brown gravelly CLAY with medium cobble content. Gravel is subangular to rounded fine to coarse of siltstone and sandstone. Cobbles are subrounded to rounded of siltstone. (VO=0,0)		2.70					
								(0.50)					
						EXPLORATORY HOLE ENDS AT 3.20 m		3.20					
Depth		Type & No.		Records Date									
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.70 Seepage						Depth Related Remarks * From to (m)						Stability Unstable Shoring None Weather Cloudy	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4804/02/2015 11:27:24 AGS						Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited						Trial Pit IP2866 Sheet 1 of 1	

Trial Pit Log



Logged DD Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.5m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C 270 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Stiff dark grey slightly sandy gravelly CLAY with high cobble content and medium to high boulder content. Gravel is angular to subangular occasionally subrounded, fine to coarse of siltstone, sandstone and occasional brick. Cobbles are subangular to subrounded of siltstone and sandstone. Boulders are subangular to subrounded of siltstone and sandstone. (VO = 3,2)	(1.40)			
1.50	ES 2		2 Stiff light orangish brown mottled grey sandy gravelly CLAY with high cobble and boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles are subangular to subrounded of siltstone and sandstone. Boulders are subangular occasionally subrounded of sandstone. (VO = 2,4) 2.00 m Free product seeping in.	1.40 (1.10)			
			EXPLORATORY HOLE ENDS AT 2.50 m	2.50			
			2.50 m Bedrock				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.20 Seepage (fast) some dark oily residue			Depth Related Remarks * From to (m)		Stability Localised collapse Shoring None Weather 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. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:59:38 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2867 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Unable to progress through cobbles.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Dark brown slightly silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with high cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone. Hydrocarbon staining and odour increases with depth. (VO = 1,1) becoming (VO = 3,3) from 0.30m.	(1.30)		
1.50	ES 2		2 Greyish brown gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 3,3)	1.30 (1.10)		
			EXPLORATORY HOLE ENDS AT 2.40 m	2.40		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit IP2868 Sheet 1 of 1		

Logged DD	Start 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.80m Terminated on hard strata.		Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Stiff grey to dark grey slightly sandy gravelly CLAY with high cobble and boulder content. Gravel is angular to subangular fine to coarse of sandstone and siltstone. Cobbles and boulders are angular to subangular tabular of sandstone. (VO=0,0)	(1.80)			
1.50	ES 2			EXPLORATORY HOLE ENDS AT 1.80 m			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather 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 426.4804/02/2015 11:27:57 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit IP2869 Sheet 1 of 1		

Logged DD Checked AP		Start 24/09/2014 End 24/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.50 m A B C ➔ 270 (Deg)		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Firm to stiff grey to dark grey gravelly CLAY with medium cobble content. Gravel is angular to subangular, fine to coarse of siltstone and sandstone. Cobbles are angular to subangular of siltstone and sandstone. (VO = 2,1)					0.60 		

Logged Checked	AW AP	Start 22/09/2014 End 22/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.3m. Terminated due to concrete base and brick wall structures with cables running through it.	Dimensions and Orientation Width 1.50 m Length 4.00 m A D C B ➔	Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 (MADE GROUND) Greyish brown silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone, brick and concrete with high cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and brick. (VO = 0,0) 0.30 m Electric cables and structure. EXPLORATORY HOLE ENDS AT 0.30 m	(0.30) 0.30		

Trial Pit Log



Logged AJ Checked AP		Start 01/04/2015 End 01/04/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.50m. Terminated due to collapse.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D B →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Greyish brown sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Frequent metal fragments. (VO = 0,0)			(2.50)		
1.50	ES 2							
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m			2.50		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.20 Medium ingress.			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 426.4806/05/2015 15:20:09			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2876 Sheet 1 of 1		

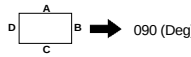
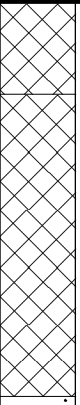
Trial Pit Log



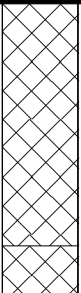
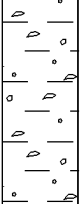
Logged JH Checked AP		Start 02/03/2015 End 02/03/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D 086 (Deg)		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
0.50	ES 1		1 Dark brown slightly sandy clayey subangular to subrounded, fine to coarse GRAVEL with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 1,3)	(1.90)				
1.50	ES 2			1.90				
2.50	ES 3		2 Grey slightly sandy clayey subangular to subrounded, fine to coarse GRAVEL with high cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 1,2)	(1.50)				
			EXPLORATORY HOLE ENDS AT 3.40 m	3.40				
			3.40 m Bedrock					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 426.4807/04/2015 11:35:51			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit IP2878 Sheet 1 of 1		

Drilled Logged JAF Checked AJ		Start 28/08/2014 End 28/08/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.30m Terminated on bedrock.		Depth from to Diameter Casing Depth		Ground Level Coordinates National Grid Chainage		
Samples and Tests					Strata					
Depth	Type & No	Records	Date Casing	Time Water	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1				(MADE GROUND) Greyish brown sandy silty subangular to subrounded, fine to coarse GRAVEL of sandstone, bricks, metal sheets and boulders of sandstone. (VO = 3,3)			(1.20)		
1.50	ES 2				(MADE GROUND) Grey sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with subrounded cobbles of sandstone and occasional brick. (VO = 2,2)			1.20 (0.80)		
2.50	ES 3				Orangish brown clayey subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 3,3)			2.00 (1.20)		
3.50	ES 4				Greyish brown clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 4,4)			3.20 (1.10)		
					EXPLORATORY HOLE ENDS AT 4.30 m			4.30 m Bedrock	4.30	

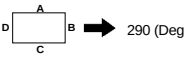
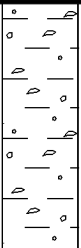
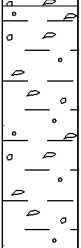
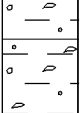
Trial Pit Log

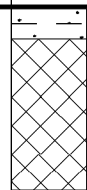
Logged PL Checked AP		Start 25/06/2014 End 25/06/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.50m Terminated on Bedrock	Dimensions and Orientation Width 1.20 m Length 3.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown gravelly sandy CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone, brick and concrete. Sand is fine to coarse. (VO = 0,0)	0.30		
1.00	ES 2		2 (MADE GROUND) Firm brown and grey gravelly sandy CLAY with low cobble content. Gravel is subrounded to rounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of brick, sandstone and concrete. Sand is fine to coarse. (VO = 0,2)	1.00		
2.00	ES 3		3 Stiff brown and grey slightly gravelly sandy CLAY with low cobble content. Gravel is rounded, fine to coarse of sandstone. Cobbles are rounded of sandstone. Sand is fine to coarse (VO = 0,2)	1.30		
3.00	ES 4			(2.20)		
			EXPLORATORY HOLE ENDS AT 3.50 m	3.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather 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 Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TP7038 Sheet 1 of 1	

Trial Pit Log

Logged SK Checked AP		Start 09/07/2014 End 09/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.20m Terminated in bedrock	Dimensions and Orientation Width 1.60 m Length 5.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly clayey SAND and GRAVEL with medium cobble and low boulder content. Gravel is angular to subrounded, fine to coarse of sandstone, siltstone and brick. Cobbles and boulders are subangular to subrounded of sandstone. (VO = 0,1)	(0.80)		
0.90	ES 2		2 (MADE GROUND) Dark grey gravelly, fine to coarse SAND of ash. Gravel is subangular to subrounded, fine to coarse of cinders and slag. Faint hydrocarbon odour. (VO = 0,1)	0.80 1.00		
1.50	ES 3		3 Firm grey mottled brown sandy slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse sandstone and siltstone. Faint hydrocarbon odour. (VO = 0,1)	(0.90)		
2.50	ES 4		4 Light grey occasionally stained dark grey silty gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse sandstone. Distinct hydrocarbon odour. (VO = 1,2)	1.90		
			5 Weak to medium strong grey fine to medium grained SANDSTONE. Recovered as gravelly angular to subangular cobbles. Gravel is angular to subangular, fine to coarse. (VO = 0,0)	3.20 3.40		
			EXPLORATORY HOLE ENDS AT 3.40 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.40 Rose to 3.20 m after 5 minutes. Thick brown oily sheen			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Sunny spells, 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 426.4829/07/2014 11:34:30 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TP759 Sheet 1 of 1		

Trial Pit Log

Logged SK Checked AP		Start 08/07/2014 End 08/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.40m Terminated in bedrock	Dimensions and Orientation Width 1.80 m Length 4.20 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Soft dark greyish brown sandy slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. (VO 0,0)	(0.90)		
1.00	ES 2		2 Soft grey occasionally mottled brown sandy slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional siltstone. (VO = 0,0)	0.90 (1.00)		
2.00	ES 3		3 Soft brown occasionally mottled grey sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO = 0,0)	1.90 (0.30)		
			4 Weak to medium strong grey occasionally stained orangish brown, fine to medium grained SANDSTONE. Recovered as gravelly angular to subangular cobbles. Gravel is angular to subangular, medium to coarse. (VO = 0,0)	2.20 2.40		
			EXPLORATORY HOLE ENDS AT 2.40 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TP836 Sheet 1 of 1		

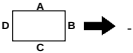
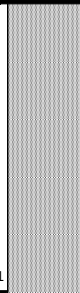
Logged CB	Start 18/02/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.6m Terminated due to flooding from pipe.	Dimensions and Orientation Width 1.50 m Length 3.00 m		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Soft dark brown slightly gravelly slightly sandy CLAY with low cobble content. Gravel is angular to subrounded, fine to coarse. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. Frequent roots and rootlets. Rare wooden posts. (VO = 0,0) 2 (MADE GROUND) Black slightly sandy well angular to angular, fine to coarse GRAVEL with low cobble content. Sand is fine to coarse. Cobbles are well angular to angular of ash and clinker. (VO = 1,1) EXPLORATORY HOLE ENDS AT 0.60 m	0.10 (0.50) 0.60		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.60 Flooding from pipe, hydrocarbon carbon sheen.			Depth Related Remarks * From to (m)		Stability Flooded Shoring None Weather Cloudy	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4817/03/2015 14:20:51			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE0737 Sheet 1 of 1	

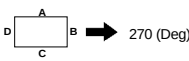
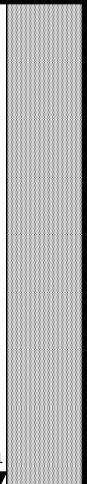
Trial Pit Log



Logged CB Checked AP		Start 17/02/2015 End 17/02/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.05m Terminated on concrete.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C D	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 (MADE GROUND) Soft dark brown slightly gravelly sandy CLAY with low cobble content. Gravel is well angular to rounded, fine to coarse of sandstone, concrete and brick. Sand is fine to coarse. Cobbles are well angular to subrounded of sandstone, concrete and brick. Frequent roots and rootlets. (VO = 0,0) 0.05 m Concrete. EXPLORATORY HOLE ENDS AT 0.05 m	0.05		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m) 0.00 0.05 No Samples Obtained.	Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4810/03/2015 15:51:38 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE0738 Sheet 1 of 1		

Trial Pit Log

Logged CB Checked AP		Start 17/02/2015 End 17/02/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Soft dark brown slightly gravelly sandy CLAY with low cobble content. Gravel is well angular to rounded, fine to coarse. Sand is fine to coarse. Cobbles are well angular to subrounded of sandstone, concrete and brick. Frequent roots and rootlets. (VO = 0,0) 2 (MADE GROUND) Dark bluish brown slightly sandy well angular to angular, fine to coarse GRAVEL of clinker and sandstone with low cobble content. Sand is fine to coarse of ash. Cobbles are well angular to subrounded of clinker, sandstone and slag. Occasional roots and rootlets. Rare wooden planks. (VO = 1,1)			0.30		
2.00	ES 2		2.00 m Pockets of soft red clay.			(4.70)		
3.50	ES 3							
Depth	Type & No.	Records Date	EXPLORATORY HOLE ENDS AT 5.00 m					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.00 Minor flow from BE face.			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4810/03/2015 15:51:43			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE0739 Sheet 1 of 1		

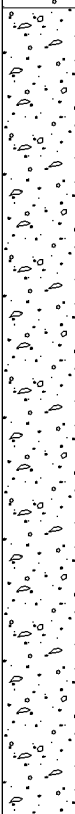
Logged DD Checked AP		Start 06/08/2014 End 06/08/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.6m Terminated on concrete.		Dimensions and Orientation Width 1.50 m Length 4.50 m 		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description				Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark greyish black slightly clayey gravelly, medium to coarse SAND with medium to high cobble content and high boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone, clinker, slag, brick and concrete. Cobbles and boulders are angular to subangular occasionally subrounded tabular of sandstone, brick, concrete and slag. (VO = 4,0)				(1.60)		
			EXPLORATORY HOLE ENDS AT 1.60 m				1.60		
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.60 Seepage			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 12:41:27 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited				Trial Pit TPE0758 Sheet 1 of 1		

Trial Pit Log



Logged SK Checked AP		Start 09/07/2014 End 09/07/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.90m Terminated on bedrock		Dimensions and Orientation Width 1.60 m Length 5.30 m A B C D 005 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.20	ES 1		1 (MADE GROUND) Dark grey and dark brown SAND and GRAVEL. Sand is fine to coarse of ash. Gravel is subangular to subrounded, fine to coarse of cinder, slag, brick and clinker. Faint hydrocarbon odour. (VO = 0,1)			0.30			
			2 Stiff greyish brown sandy CLAY. (VO = 0,0)			(1.00)		1	
1.20	ES 2		3 Greyish brown silty gravelly, fine to coarse (predominantly fine to medium) SAND. Faint hydrocarbon odour. (VO = 0,1)			1.30		1	
2.20	ES 3					(2.50)			
3.20	ES 4					3.80			
			4 Weak to medium strong grey fine to medium grained SANDSTONE. Recovered as angular to subangular, fine to coarse gravel and subangular cobbles. (VO = 0,0)			3.90			
			EXPLORATORY HOLE ENDS AT 3.90 m						
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.90 Slight seepage. Oily brown sheen on surface			Depth Related Remarks * From to (m)			Stability Slight collapse 1.30 Shoring None Weather Sunny spells, 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE0823 Sheet 1 of 1			



Logged SK	Start 09/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.70m Terminated in bedrock	Dimensions and Orientation Width 1.60 m Length 5.10 m	A B C D E 005 (Deg)	Ground Level Coordinates National Grid Chainage	
Checked AP	End 09/07/2014					
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 (MADE GROUND) Dark brown and dark grey SAND and GRAVEL. Sand is fine to coarse, occasionally of ash. Gravel is subangular to subrounded, fine to coarse of cinder, slag and sandstone. (VO = 0,0)	(0.40)		
0.50	ES 2		2 Firm to stiff greyish brown mottled black slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	0.40 (0.40)		
1.50	ES 3		3 Light greyish brown occasionally stained dark grey slightly silty slightly gravelly, fine to coarse (predominantly fine to medium) SAND with low cobble content from 1.50m. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. Cobbles are subrounded of sandstone. Faint hydrocarbon odour. (VO = 1,1)	0.80 (2.70)		
2.50	ES 4					
			4 Weak to medium strong grey firm to medium grained SANDSTONE. Recovered as medium to coarse gravel and angular to subangular cobbles. (VO = 0,0)	3.50 3.70		
			EXPLORATORY HOLE ENDS AT 3.70 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.00 Slight speeages below 2.00m. Slight oily sheen			Depth Related Remarks * From to (m)		Stability Complete collapse below 0.40m Shoring None Weather Sunny spells	
Notes: 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 12.42.48			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE0824 Sheet 1 of 1	

Logged AJ Checked AP	Start 02/03/2015 End 02/03/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.9m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D E	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Light brown frequently dark grey stained gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 3,4)	(2.90)		
1.50	ES 2					
2.50	ES 3					
			EXPLORATORY HOLE ENDS AT 2.90 m	2.90		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Collapsing 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 426.4807/04/2015 11:28:56 ESG			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE0837 Sheet 1 of 1	

Logged DD Checked AJon	Start 21/08/2014 End 21/08/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated due to collapse	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C ➔ 300 (Deg)		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 (MADE GROUND) Soft to firm dark grey to black slightly sandy gravelly CLAY with low cobble content and medium to high boulder content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of siltstone, sandstone and occasionally brick, slag and clinker. Cobbles are subangular of brick and concrete. Boulders are angular to subangular of concrete. (VO = 5,4) 0.80 m Free product seeping	(1.30)		
			2 Soft light bluish grey mottled light orange brown slightly sandy gravelly silty CLAY with medium to high cobble content and medium boulder content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subangular to subrounded. Strong hydrocarbon odour. (VO = 3,4)	1.30 		

Trial Pit Log



Logged SK Checked AP		Start 08/07/2014 End 08/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.50m Terminated due to collapse	Dimensions and Orientation Width 2.00 m Length 5.20 m A B C D ➔ 340 (Deg)		Ground Level Coordinates National Grid Chainage
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark grey and dark brownish grey frequently stained black slightly sandy angular to subrounded, fine to coarse (predominantly fine to medium) GRAVEL of tarmac and sandstone. Distinct hydrocarbon odour. (VO = 2,2)		(0.90)	2
1.50	ES 2		2 Soft greyish brown mottled light grey sandy slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. Faint hydrocarbon odour. (VO = 0,1)		0.90 (1.40)	3
2.50	ES 3		3 Greyish brown gravelly, fine to coarse (predominantly fine to medium) SAND. Faint hydrocarbon odour. (VO = 0,1)		2.30 (1.00)	1
			4 Probable SANDSTONE bedrock (continual pit collapses prohibited logging and sampling).		3.30	
			EXPLORATORY HOLE ENDS AT 3.50 m		3.50	
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 2 0.30 Seepage. Oily, black 3 0.90 Seepage. Oily, black 1 2.30 Seepage. No oil			Depth Related Remarks * From to (m)		Stability Complete collapses below GL Shoring None Weather Overcast with 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 426.4806/05/2015 12:43:01			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE0839 Sheet 1 of 1	



Trial Pit Log



Logged SK Checked AP		Start 09/07/2014 End 09/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.40m Terminated in bedrock	Dimensions and Orientation Width 1.50 m Length 3.40 m A B C D ➔ 340 (Deg)		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
0.20	ES 1		1 (MADE GROUND) Dark grey gravelly, fine to coarse SAND of ash with low cobble content. Gravel is angular to subrounded, fine to coarse of cinder, sandstone and occasional slag. Cobbles are subrounded of sandstone. (VO = 0,0)	(0.30)				
0.60	ES 2		2 Soft orangish brown sandy slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. (VO = 0,0)	(0.60)				
1.00	ES 3		3 Frim grey sandy gravelly CLAY with low to medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	(0.90) (0.30)				
			4 Medium strong to strong light grey, fine to medium grained SANDSTONE. Recovered as sandy gravelly angular tabular cobbles. (VO = 0,0)	1.20 (0.30)				
			EXPLORATORY HOLE ENDS AT 1.40 m	1.40				
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Sunny,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 12:43:09			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE0842A Sheet 1 of 1		

Trial Pit Log



Logged LF Checked AP		Start 09/07/2014 End 09/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.00m Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C 110 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Dark brown gravelly slightly clayey, fine to medium SAND. Gravel is angular to subrounded, fine to coarse of sandstone and concrete. (VO = 0,0)	0.20			
			2 Orangish brown gravelly clayey fine SAND. Gravel is angular to subangular, fine to coarse of sandstone. (VO = 0,0)	(1.30)			
1.60	ES 2		3 Brown sandy clayey angular, fine to coarse GRAVEL of sandstone with high cobble content. Cobbles are angular of sandstone. Sand is fine. (VO = 0,0)	1.50 (0.50)			
			EXPLORATORY HOLE ENDS AT 2.00 m	2.00			
			2.00 m Bedrock				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE0909 Sheet 1 of 1	



Scale 1:25

Trial Pit Log



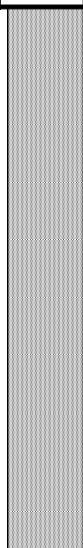
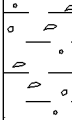
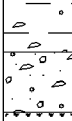
Logged SK Checked AP		Start 09/07/2014 End 09/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.00m Terminated in bedrock	Dimensions and Orientation Width 1.50 m Length 4.20 m A B C D 310 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.30	ES 1		1 Soft brown occasionally mottled black and grey sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. (VO = 1,1)				
1.00	ES 2		0.40 m Locally low cobble content. Cobbles are subangular to subrounded of sandstone.				
2.00	ES 3		2.00 m Locally medium cobble content. Cobbles are subangular to subrounded of sandstone.		(2.80)		
			2 Weak to medium strong grey fine to medium grained SANDSTONE. Recovered as sandy angular to subangular, medium to coarse gravel with medium cobble content. Cobbles are angular to subangular. (VO = 0,0)		2.80		
			EXPLORATORY HOLE ENDS AT 3.00 m		3.00		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)		Stability Slight collapse face A. GL to 2.00m Shoring None Weather Sunny spells		
1 0.80 Slight seepage below .80m. Slight oily brown sheen.							
Notes: 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE0912 Sheet 1 of 1		
Scale 1:25 (c) ESG www.esg.co.uk 426.4806/05/2015 12:44:00							

Scale 1:25 (c) ESG www.esg.co.uk 426.4806/05/2015 12:44:03 

Trial Pit Log



Logged SK Checked AP		Start 08/07/2014 End 08/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.50m Terminated in bedrock	Dimensions and Orientation Width 1.10 m Length 4.80 m A B C D 030 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.20	ES 1		1 Soft brown slightly sandy CLAY. (VO = 0,0)	(0.30)			
0.50	ES 2		2 Light reddish brown sandy angular to subrounded, fine to coarse GRAVEL of burnt shale. (VO = 0,0)	0.30 (0.40)			
1.50	ES 3		3 Soft to firm orangish brown mottled light grey slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. (VO = 0,0)	0.70 (1.10)			
2.00	ES 4		4 Orangish brown and grey slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and siltstone. Faint hydrocarbon odour. (VO 0,1)	1.80 (0.50)			
			5 Weak to medium strong grey occasionally stained orangish brown, fine to medium grained SANDSTONE. Recovered as angular to subangular, medium to coarse gravel and angular to subangular tabular cobbles. (VO = 0,0)	2.30 2.50			
			2.50 m Bedrock				
			EXPLORATORY HOLE ENDS AT 2.50 m				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.30 Slight seepage			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4806/05/2015 12:44:07			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE0914 Sheet 1 of 1		

Logged SK Checked AP		Start 08/07/2014 End 08/07/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.80m Terminated in bedrock		Dimensions and Orientation Width 1.60 m Length 5.10 m A B C D ➔ 090 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level (Thickness)	Legend	Backfill/ Instruments	
0.20	ES 1		1 (MADE GROUND) Soft dark greyish brown sandy organic slightly gravelly CLAY. Sand is fine to coarse of ash. Gravel is angular to subrounded, fine to medium of cinder and sandstone. (VO = 0,0)			0.30			
1.20	ES 2		2 Soft light grey occasionally mottled brown sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)			(1.10)			
			3 Orangish brown mottled light grey angular to subrounded, fine to coarse GRAVEL of sandstone. Frequent pockets of orangish brown gravelly sand. (VO = 0,0)			1.40			
			4 Weak to medium strong grey frequently stained orangish brown, fine to medium grained SANDSTONE. Recovered as angular to subangular cobbles.			1.60			
			EXPLORATORY HOLE ENDS AT 1.80 m			1.80			
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Overcast/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 426.4806/05/2015 12:44:11 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE0915 Sheet 1 of 1			

Trial Pit Log



Logged SK Checked AP		Start 08/07/2014 End 08/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.30m Terminated in bedrock	Dimensions and Orientation Width 1.70 m Length 4.20 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brownish grey sandy angular to subrounded, fine to coarse GRAVEL of slag, concrete, clinker and sandstone with low to medium cobble content. Cobbles are subangular to subrounded of concrete and sandstone. (VO = 0,0)	(1.20)		
1.50	ES 2		2 (MADE GROUND) Soft grey occasionally stained dark grey sandy slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. Sand is fine to coarse of ash. Faint hydrocarbon odour. (VO = 1,1)	1.20 1.40		
2.00	ES 3		3 Soft greyish brown mottled light grey sandy slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. Faint hydrocarbon odour. (VO = 0,1)	(0.80)		
2.50	ES 4		4 Grey and orangish brown clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and siltstone. Faint hydrocarbon odour. (VO = 0,0)	2.20		
			5 Weak to medium strong grey fine to medium grained SANDSTONE. Recovered as angular to subangular cobbles. (VO = 0,0)	3.10		
			EXPLORATORY HOLE ENDS AT 3.30 m	3.30		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 1.20 Slight seepage			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Heavy rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE0916 Sheet 1 of 1		

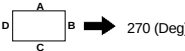
Trial Pit Log



Logged SK Checked AP		Start 08/07/2014 End 08/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.40m Terminated in bedrock	Dimensions and Orientation Width 1.70 m Length 4.70 m A B C D 025 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Brownish grey occasionally stained dark grey subangular to subrounded, fine to coarse GRAVEL of brick, concrete, slag and tarmac with medium cobble and boulder content. Cobbles are subangular of brick, concrete and tarmac. Boulders are subangular of concrete. Faint hydrocarbon odour. (VO = 1,1)	(1.00)		1	
1.20	ES 2		2 Dark greyish brown spongy pseudo fibrous PEAT. (VO = 0,0)	(0.50)			
1.80	ES 3		3 Soft grey occasionally mottled brown slightly sandy, slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. (VO = 0,0)	(1.20)			
3.00	ES 4		4 Light greyish brown slightly silty slightly gravelly, fine to coarse (predominantly fine to medium) SAND. Faint hydrocarbon odour. (VO = 0,1)	(0.50)			
			5 Weak to medium strong grey, fine to medium grained SANDSTONE recovered as angular, medium to coarse gravel and angular to subangular tabular cobbles. (VO = 0,0)	(0.20)		2	
			EXPLORATORY HOLE ENDS AT 3.40 m				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.50 Slight seepage (oily) 2 3.20 Slight seepage			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Sunny, 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 12:44:18			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE0924 Sheet 1 of 1		

Trial Pit Log



Logged SK Checked AP	Start 09/07/2014 End 09/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.00m Terminated in bedrock	Dimensions and Orientation Width 1.70 m Length 4.50 m 	Ground Level Coordinates National Grid Chainage		
Samples and Tests		Strata				
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.30	ES 1		1 Soft dark brownish grey slightly sandy slightly gravelly organic CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. (VO = 0,0)	(0.40)		
			2 Soft orangish brown mottled light grey slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. (VO = 0,0)	0.40 (0.70)		
1.00	ES 2			1.10		
1.50	ES 3		3 Firm to stiff greyish brown mottled grey slightly sandy CLAY with low cobble content. Gravel is subangular to subrounded of sandstone and siltstone. Cobbles are subrounded of sandstone. (VO = 0,0)	(0.90)		
2.50	ES 4		4 Brownish grey slightly silty SAND and GRAVEL with medium to high cobble content and low boulder content. Sand is fine to medium, occasionally coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Boulders are subrounded of sandstone. (VO = 0,0)	2.00 (0.90)		
			5 Weak to medium strong grey fine to medium grained SANDSTONE. Recovered as angular to subangular gravel and tabular cobbles. (VO = 0,0)	2.90 3.10		
			EXPLORATORY HOLE ENDS AT 3.10 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)		Stability Slight collapses below 2.00m Shoring None Weather Sunny spells, dry	
1 2.00 Seepages below 2.00m. Slight oil sheen on surface						
Notes: 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE0925 Sheet 1 of 1	



Trial Pit Log



Logged JH Checked AP		Start 23/03/2015 End 23/03/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.40m. Terminated due to pipes.	Dimensions and Orientation Width 2.50 m Length 3.50 m A B C D B →		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 Firm grey slightly sandy SILT. Sand is fine to coarse. (VO = 1,1)		(0.40)		
			EXPLORATORY HOLE ENDS AT 0.40 m		0.40		
			0.40 m Pipes (300mm diameter).				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m) 0.00 0.40 No samples obtained.		Stability Stable Shoring None Weather Rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4815/04/2015 13:42:20			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE0926 Sheet 1 of 1		

Trial Pit Log



Logged LF Checked AP		Start 05/08/2014 End 05/08/2014	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 3.20 m A B C 310 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Orangish brown slightly gravelly clayey fine SAND. Gravel is angular to subangular, fine to coarse of sandstone. (VO = 0,0)	(1.30)			
1.50	ES 2		2 Grey occasionally heavily stained slightly clayey SAND and GRAVEL with medium cobble content. Sand is fine. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. Strong hydrocarbon odour. (VO = 3,3)	1.30 (0.60)			
			EXPLORATORY HOLE ENDS AT 1.90 m	1.90			
			1.90 m Weathered bedrock				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 426.4806/05/2015 12:44:31 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE0928 Sheet 1 of 1	

Trial Pit Log



Logged LF Checked AP		Start 09/07/2014 End 09/07/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.8m Terminated due to overwhelming odour.		Dimensions and Orientation Width 1.60 m Length 3.70 m A B C D 330 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Brown sandy clayey angular and subrounded, fine to coarse GRAVEL of sandstone, brick and concrete with low cobble content. Sand is fine. Cobbles are angular to subrounded of sandstone and brick. (VO = 0,0)			(1.10)			
1.50	ES 2		2 Orangish brown gravelly clayey fine SAND. Gravel is angular to subangular, fine to coarse of sandstone. (VO = 0,0)			1.10 (0.90)			
2.50	ES 3		3 Grey occasionally stained black sandy clayey angular to subangular, fine to coarse GRAVEL with medium cobble content. Sand is fine to medium. Cobbles are angular to subangular of sandstone. Moderate hydrocarbon odour. (VO = 1,2)			2.00 (0.80)			
3.50	ES 4		4 Dark grey rarely stained black gravelly slightly clayey, fine to medium SAND. Gravel is angular, fine to coarse of sandstone. Distinct hydrocarbon odour. (VO 1,4)			2.80 (1.20)			
4.00	ES 5		EXPLORATORY HOLE ENDS AT 4.00 m			4.00		1	
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.00 Slight seepage in base of pit. Hydrocarbon sheen on surface.			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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE0929 Sheet 1 of 1			



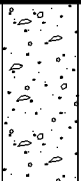
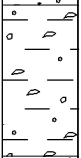
Trial Pit Log



Logged LF Checked AP		Start 04/08/2014 End 04/08/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated on bedrock		Dimensions and Orientation Width 1.60 m Length 3.80 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Dark brown and black slightly silty SAND and GRAVEL. Sand is medium to coarse of ash. Gravel is angular to subangular, fine to coarse of clinker, sandstone and brick. (VO = 0,0)			0.30 (0.30)			
			2 Brown sandy slightly clayey angular to subangular, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to medium. Cobbles are angular of sandstone. (VO = 0,0)			(1.10)			
1.50	ES 2		3 Soft orangish brown slightly gravelly sandy CLAY. Gravel is angular to subangular, fine to coarse of sandstone. Sand is fine. Rare slight hydrocarbon odour. (VO = 0,1)			1.40 (0.50)			
2.50	ES 3		4 Stiff grey mottled brown slightly gravelly sandy CLAY. Gravel is angular to subangular, fine to coarse of sandstone. Sand is fine. Occasional slight hydrocarbon odour. (VO = 0,1)			1.90 (2.00)			
3.50	ES 4								
4.50	ES 5		5 Grey with heavy hydrocarbon staining slightly silty SAND and GRAVEL with medium cobble content. Sand is fine. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are angular of sandstone. Strong hydrocarbon odour. (VO = 3,4)			3.90 (0.60)			
			EXPLORATORY HOLE ENDS AT 4.50 m			4.50			
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.50 Seepage. Heavy hydrocarbon sheen on surface			Depth Related Remarks * From to (m)			Stability Collapsing 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1000 Sheet 1 of 1			



Trial Pit Log

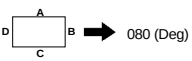
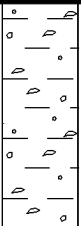
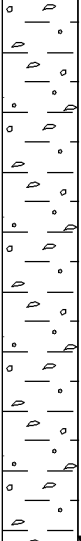
Logged SK/JC Checked AJon		Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.80m Terminated in bedrock	Dimensions and Orientation Width 1.70 m Length 3.20 m  050 (Deg)	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Greyish brown silty gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO= 0,0)	(0.60)		
1.00	ES 2		2 Firm to stiff orangish brown mottled grey sandy slightly gravelly to gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Distinct hydrocarbon odour. (VO = 0,2)	(0.50)		
2.00	ES 3		3 Light brownish grey silty gravelly, fine to coarse (predominantly fine to medium) SAND with low cobble content. Strong hydrocarbon odour. (VO = 0,3)	(1.50)		
			4 Weak light grey stained dark grey, fine to medium grained SANDSTONE. Recovered as sandy angular to subangular, fine to coarse gravel and angular to subangular frequent tabular cobbles. With free product of oil with strong hydrocarbon odour. (VO= 5,3)	2.60		
			EXPLORATORY HOLE ENDS AT 2.80 m	2.80		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Sunny, windy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1001 Sheet 1 of 1		

Trial Pit Log

Logged SK/JC Checked AP		Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.00 Terminated on bedrock.	Dimensions and Orientation Width 0.80 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments	
0.10	ES 1		1 Light grey and dark grey silty, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0, 0)	0.20			
0.50	ES 2		2 Stiff brown mottled grey sandy slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Faint hydrocarbon odour. (VO= 0, 1)	(0.50)			
			3 Stiff light grey sandy slightly gravelly SILT. Distinct hydrocarbon odour. (VO= 0, 2)	0.70			
1.50	ES 3			(1.30)			
2.50	ES 4		5 Light grey occasional stained grey silty gravelly, fine to coarse (predominantly fine to medium) SAND with medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 1,4)	2.00			
			6 Weak to medium strong light grey stained with free product dark greyish black, fine to medium grained SANDSTONE. Recovered as sandy angular to subangular gravel and angular to subangular frequently tabular cobbles. Strong hydrocarbon odour. (VO = 5,3)	2.90			
			3.00 m Bedrock.	3.00			
			EXPLORATORY HOLE ENDS AT 3.00 m				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.00 Rose to 2.90 m after 10 minutes. Containing free product.			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Sunny spells, windy			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1002 Sheet 1 of 1			

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Trial Pit Log

Logged PL Checked AP		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.00m Unable to progress through cobbles and boulders.	Dimensions and Orientation Width 0.80 m Length 3.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 Firm brown and orange sandy gravelly CLAY with low cobble content. Gravel is subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 0,0)	(0.80)		
1.00	ES 2		2 Black silty fine SAND. (VO = 0,1)	0.80 (0.30)		
2.00	ES 3		3 Stiff greyish brown and orange slightly sandy slightly gravelly CLAY with low cobble content. Gravel is subrounded to rounded, fine to coarse of sandstone. Cobbles are subrounded to rounded of sandstone. (VO = 0,1)	1.10 (1.90)		
3.00	ES 4		EXPLORATORY HOLE ENDS AT 3.00 m	3.00		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.00 Seepage			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 Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1004 Sheet 1 of 1		

Trial Pit Log



Logged SK Checked AP		Start 09/07/2014 End 09/07/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.00m Terminated in bedrock		Dimensions and Orientation Width 1.50 m Length 4.70 m A B C D 080 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.20	ES 1		1 (MADE GROUND) Soft dark greyish brown slightly sandy slightly gravelly organic CLAY. Gravel is angular to subrounded, fine to coarse of sandstone and occasional brick. (VO = 0,0)			(0.40)			
0.60	ES 2		2 Light brown clayey SAND and GRAVEL. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. (VO = 0,0)			(0.50)			
1.00	ES 3		3 Spongy dark brown pseudo fibrous PEAT. (VO = 0,0)			(0.40)			
2.00	ES 4		4 Soft light grey fine to medium sandy slightly gravelly SILT. Gravel is subrounded, medium to coarse of sandstone. (VO = 0,0)			(0.80)			
2.50	ES 5		5 Greyish brown slightly silty 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 subangular to subrounded of sandstone. (VO = 0,0)			(0.70)			
			6 Medium strong to strong grey fine to medium grained SANDSTONE. Recovered as gravelly angular to subangular cobbles. Gravel is angular to subangular fine to coarse. (VO = 0,0)			2.80			
			EXPLORATORY HOLE ENDS AT 3.00 m			3.00			
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.80 Slight seepage. Slight/thin oily sheen on surface			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Sunny spells, 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1005 Sheet 1 of 1			

Trial Pit Log



Logged GRP Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.60m Unable to progress beyond 3.60m.	Dimensions and Orientation Width 1.40 m Length 3.70 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
0.50	ES 1		1 (MADE GROUND) Orangish brown slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of concrete, brick, sandstone and masonry with high cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and concrete. (VO = 2,2)	(1.30)				
1.35	ES 2		2 Blackish dark grey fibrous clayey angular to subangular, fine to coarse GRAVEL of sandstone, masonry, slag and brick. (VO = 4,3)	1.30 1.40				
2.50	ES 3		3 Bluish grey slightly sandy clayey subrounded to rounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 3,2)	(2.20)				
EXPLORATORY HOLE ENDS AT 3.60 m				3.60				
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.60 Water at base			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Dry, 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 426.4813/02/2015 10.51:15			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1006 Sheet 1 of 1		

Logged GRP Checked AP	Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.10m Terminated on bedrock.	Dimensions and Orientation Width 1.80 m Length 3.70 m 	Ground Level Coordinates National Grid Chainage
Samples and Tests		Strata		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness) Legend Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Orangish brown slightly clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone and brick with high cobble content. Sand is fine to coarse. Cobbles are subangular to rounded of sandstone, brick and rare concrete. (VO = 0,0)	(0.90)
1.50	ES 2		2 Bluish grey clayey slightly sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subangular to subrounded of sandstone. (VO = 0,1)	0.90 (1.50)
2.50	ES 3		3 Bluish grey slightly clayey sandy subrounded to rounded, fine to coarse GRAVEL of sandstone with high cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 0,1)	2.40 (0.70)
			EXPLORATORY HOLE ENDS AT 3.10 m	3.10
Depth	Type & No.	Records Date		
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	
			Stability Unstable at 2.40m 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 426.4813/02/2015 10.51.19			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	
			Trial Pit TPE1007 Sheet 1 of 1	

Trial Pit Log



Logged GRP Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.20m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.60 m A B C D B →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
0.60	ES 1		1 (MADE GROUND) Dark grey and black sandy slightly clayey angular to subangular, fine to medium GRAVEL of sandstone and friable coal. Sand is fine to coarse. (VO = 2,2)	(1.20)				
1.60	ES 2		2 Firm orangish brown mottled bluish grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,2)	1.20 (1.00)				
EXPLORATORY HOLE ENDS AT 2.20 m				2.20				
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.20 Rose to 1.00 m after 10 minutes. Fast inflow of water			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4813/02/2015 10:51:22			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1008 Sheet 1 of 1		

Trial Pit Log

Logged GRP Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.60m Terminated due to collapse.	Dimensions and Orientation Width 1.80 m Length 3.40 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown slightly sandy clayey angular to subangular, fine to coarse GRAVEL of brick, concrete and sandstone with low cobble content. Cobbles are subangular to subrounded of sandstone and brick. (VO = 0,0)	(0.70)		
			2 (MADE GROUND) Dark greyish black spongy fibrous PEAT. (VO = 0,1)	0.70 0.80		
1.50	ES 2		3 (MADE GROUND) Dark greyish brown slightly sandy clayey subrounded to rounded, fine to coarse GRAVEL with high cobble content. Cobbles are subangular to subrounded of sandstone and rare brick. (VO = 0,1)	(0.50) 1.30		
			4 Greyish blue slightly clayey sandy subrounded to rounded, fine to coarse GRAVEL with high cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 0,1)	(1.30)		
2.50	ES 3					
			EXPLORATORY HOLE ENDS AT 2.60 m	2.60		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 2.60 Water ingress			Depth Related Remarks * From to (m)	Stability Collapse at 1.40 to 2.50m Shoring None Weather Sunny,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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1010 Sheet 1 of 1		

Trial Pit Log



Logged GRP Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.40m Unable to progress through cobbles.	Dimensions and Orientation Width 1.40 m Length 3.70 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Orangish brown slightly sandy clayey angular to subangular fine to coarse GRAVEL of brick, sandstone and concrete with high cobble content. Cobbles are subangular of brick sandstone and concrete. Occasional steel sheeting and ironwork pipe ducting (1400mm x 400mm). (VO = 1,1)			(1.90)		
1.50	ES 2							
2.50	ES 3		2 (MADE GROUND) Bluish grey slightly sandy gravelly CLAY with high cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of brick and sandstone. (VO = 1,1)			1.90		
			1.90-2.00 m Dark grey staining.			(1.50)		
			EXPLORATORY HOLE ENDS AT 3.40 m			3.40		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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. Scale 1:25 (c) ESG www.esg.co.uk 426.4813/02/2015 10:52:41 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1011 Sheet 1 of 1		

Trial Pit Log

Logged GRP Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.10m Terminated due to water ingress.	Dimensions and Orientation Width 2.40 m Length 6.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Light brown slightly clayey slightly subangular to subrounded, fine to coarse GRAVEL of brick, concrete, sandstone and masonry. Sand is fine to coarse. (VO = 0,0)	(0.60)		
1.00	ES 2		2 (MADE GROUND) Dark grey slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 1,1)	0.60 (0.40)		
			3 (MADE GROUND) Reddish brown slightly clayey sandy angular to subangular, fine to coarse GRAVEL of brick and sandstone. Sand is fine to coarse. (VO = 1,1)	1.00 (0.70)		
2.00	ES 3		4 (MADE GROUND) Soft light bluish grey slightly gravelly silty sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. (VO = 2,1)	1.70 (1.10)		
3.00	ES 4		5 Bluish grey slightly sandy clayey subrounded to rounded, fine to coarse GRAVEL of sandstone. Distinct hydrocarbon staining. (VO = 4,2)	2.80 (0.70)		
3.50	ES 5		EXPLORATORY HOLE ENDS AT 3.50 m	3.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 2.10 Fast water seepage			Depth Related Remarks * From to (m)	Stability Fairly stable Shoring None Weather Overcast,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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1012 Sheet 1 of 1		

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 3.20m Terminated on bedrock.	Dimensions and Orientation Width 1.55 m Length 4.00 m A B C D B → 000 (Deg)		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
0.50	ES 1		1 (MADE GROUND) Greyish brown sandy silty subangular to subrounded, fine to coarse GRAVEL of sandstone and brick. Frequent metal and wood fragments. (VO = 1,1)	(1.10)				
1.50	ES 2		2 (MADE GROUND) Black grey slightly sandy gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Rare pockets of black organic material. (VO = 1,1)	1.10 (2.10)				1
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20				
			3.20 m Bedrock					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.50 Steady 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. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1013 Sheet 1 of 1		



Trial Pit Log



Logged LF Checked AP		Start 07/07/2014 End 07/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.3m Terminated on bedrock.		Dimensions and Orientation Width 1.60 m Length 3.20 m A B C D → 090 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) 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, brick and concrete. Sand is fine to medium. (VO = 0,0)			(0.70)		
			2 Soft, dark grey and black slightly sandy slightly gravelly CLAY. Gravel is angular to subrounded, fine to coarse of sandstone. Sand is fine. Rare pockets of peat (200 x 200mm). Moderate hydrocarbon odour. (VO = 1,2)			0.70 (0.70)		
1.50	ES 2		3 Grey slightly gravelly slightly clayey fine SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 1,2)			1.40 (0.90)		
2.30	ES 3		EXPLORATORY HOLE ENDS AT 2.30 m 2.30 m Weathered bedrock			2.30		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1014 Sheet 1 of 1		



Trial Pit Log



Logged SP Checked AP		Start 03/12/2014 End 03/12/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.2m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 2.00 m A B C D	Ground Level - Coordinates - National Grid - Chainage -
Samples and Tests			Strata		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend Backfill/ Instruments
		*	1 Soft dark brown gravelly sandy SILT with low cobble content. Gravel is angular to well rounded, fine to coarse of sandstone and occasional siltstone. Cobbles are angular to well rounded of sandstone and siltstone. (VO = 2,5) 0.20 m Bedrock. EXPLORATORY HOLE ENDS AT 0.20 m	0.20	
Depth	Type & No.	Records Date			
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m) 0.00 0.20 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. (c) ESG www.esg.co.uk 426.4825/01/2015 21:12:58 AGS			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1015 Sheet 1 of 1	

Logged SP Checked AP	Start 03/12/2014 End 03/12/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.3m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C D E	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 Soft dark brown heavily stained black gravelly sandy SILT. Gravel is angular to well rounded, fine to coarse of sandstone and occasional siltstone. Sand is fine to coarse. (VO = 5.5) 0.30 m Bedrock.	(0.30) 0.30		
			EXPLORATORY HOLE ENDS AT 0.30 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m) 0.00 0.30 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 426.4825/01/2015 21.13.01 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1016 Sheet 1 of 1	

Trial Pit Log



Logged PL Checked AP		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.40m Terminated due to collapse.	Dimensions and Orientation Width 1.40 m Length 3.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Soft brown and orange slightly gravelly sandy CLAY with low cobble content. Gravel is subrounded, fine to coarse of sandstone. (VO = 0,1)		(1.10)			
1.50	ES 2		2 Grey and brown clayey SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO = 0,2)		1.10			
2.50	ES 3							
3.50	ES 4				(3.30)			
4.40	ES 5		EXPLORATORY HOLE ENDS AT 4.40 m		4.40			
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.00 Seepage - heavy oil on surface on water			Depth Related Remarks * From to (m)		Stability Unstable from GL Shoring None Weather Sun			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4821/01/2015 15:47:52 AGS			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1017 Sheet 1 of 1			

Trial Pit Log



Logged LF Checked AP		Start 07/07/2014 End 07/07/2014	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 2.90 m A B C D → 080 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Brown sandy slightly clayey angular to subrounded, fine to coarse GRAVEL of sandstone, concrete and brick with high cobble content. Cobbles are angular to subrounded of sandstone and brick. (VO = 0,0)	(1.10)			
1.50	ES 2		2 Soft grey mottled brown slightly sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,1)	1.10 (0.70)			
			3 Grey slightly gravelly slightly clayey fine SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. Moderate hydrocarbon odour. (VO = 1,2)	1.80 (0.70)			
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m 2.50 m Weathered bedrock	2.50			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1018 Sheet 1 of 1		



Trial Pit Log



Logged AJ Checked AJon		Start 03/09/2014 End 03/09/2104	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.80m. Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D B →	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.30	ES 1		1 (MADE GROUND) Brown clayey gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone, brick and concrete. Frequent roots and rootlets (VO = 0,0). 0.00 m Metal sheeting 0.20 m 100mm metal pipe encased in concrete 0.50 m 30mm metal pipe		(0.30)		
1.00	ES 2		2 (MADE GROUND) Soft orangish brown sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone, brick and concrete (VO= 0, 0)		(0.80)		
1.50	ES 3		3 (MADE GROUND) Grey gravelly, fine to coarse SAND with high cobble content. Cobbles content increases with depth. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone, brick and concrete. Frequent metal and plastic fragments. 1.60 m Terracotta pipe filled with oily water 1.80 m Bedrock.		(0.70)		
			EXPLORATORY HOLE ENDS AT 1.80 m		1.80		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 2 1.20 slow inflow			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 426.4806/01/2015 15:36:11			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1088 Sheet 1 of 1		

Trial Pit Log



Logged JC/SK Checked AJon		Start 03/09/2014 End 03/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.70 Unable to progress through cobbles and boulders		Dimensions and Orientation Width 1.50 m Length 3.40 m A B C D 160 (Deg)		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Greyish brown silty gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone, concrete and brick. (VO=0, 0)					(0.70)		
1.50	ES 2		2 Grey clayey gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. Strong hydrocarbon odour. (VO=5,4) 0.50 m Metal pipe running centrally through Faces D and B at 160 degrees. 225mm diameter steel oil coated entirely removed 15m from pit (and beyond). 0.80-1.00 m Visible hydrocarbon.					0.70 (1.00)		
			EXPLORATORY HOLE ENDS AT 1.70 m					1.70		
Depth	Type & No.	Records Date								
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)					Stability Stable Shoring None Weather Suuny, 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 426.4806/01/2015 15:36:14			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited					Trial Pit TPE1089 Sheet 1 of 1		

Trial Pit Log



Logged SK/JC Checked AJon		Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.70m Unable to progress past cobbles and boulders.	Dimensions and Orientation Width 1.70 m Length 3.90 m A B C D B → 031 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Brown occasionally mottled or brown slightly silty (locally silty) slightly gravelly, fine to coarse (predominantly fine to medium) SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO= 0, 0)	(0.70)			
1.50	ES 2		2 Brownish grey occasionally stained grey locally silty gravelly, fine to coarse SAND with low cobble content. Strong hydrocarbon odour. (VO= 1, 3)	0.70 (1.00)			
			EXPLORATORY HOLE ENDS AT 1.70 m	1.70			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.70 Slight trace with thick oily sheen			Depth Related Remarks * From to (m)		Stability Unstable below 0.70 Shoring None Weather Sunny spells, windy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1090 Sheet 1 of 1		



Logged NK Checked AP		Start 03/12/2014 End 03/12/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.7m Terminated on bedrock.		Dimensions and Orientation Width 1.00 m Length 2.50 m A B C D ➔		Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Grey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with high cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded mostly tabular of sandstone. (VO = 2,3)					(0.70)		
			EXPLORATORY HOLE ENDS AT 0.70 m					0.70		

Trial Pit Log



Logged LF Checked AP		Start 07/07/2014 End 07/07/2014	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 3.20 m 		Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown sandy slightly clayey angular to subrounded, fine to coarse GRAVEL of sandstone, concrete, brick and slag with medium cobble content. Sand is fine. Cobbles are angular to subrounded of sandstone, concrete and brick. (VO = 0,0)		(1.10)		
1.50	ES 2		2 (MADE GROUND) Brownish grey slightly sandy clayey angular to subrounded, fine to coarse GRAVEL of sandstone and brick with medium cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone and brick. (VO = 1,1)		1.10 (0.70)		
1.80	ES 3		3 Black gravelly clayey fine to medium SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Occasional pockets of peat (200 x 300mm). Heavy staining and visible free product. Strong hydrocarbon odour. (VO = 5,3)		1.80 (0.40)		
2.40	ES 4		4 Grey sandy slightly clayey angular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. Occasional pockets of free product. Distinct hydrocarbon odour. (VO = 5,3)		2.20 2.40		
			2.40 m - Weathered sandstone bedrock.		2.40		
			EXPLORATORY HOLE ENDS AT 2.40 m				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.40 Fast inflow free product on surface			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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1092 Sheet 1 of 1		



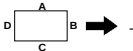
Scale 1:25 (c) ESG www.esg.co.uk 426.4806/05/2015 12:51:11 

Trial Pit Log

Logged AJ Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Volvo 220 Machine excavated from GL-3.10m Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown gravelly slightly clayey fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone, brick and concrete. Frequent rootlets. (VO=0,0)	(0.70)		
1.50	ES 2		2 Soft grey mottled orange sandy gravelly CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=3,2)	0.70 (2.10)		
2.50	ES 3					
3.10	ES 4		3 Light brown gravelly clayey fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to rounded frequently tabular of sandstone. (VO = 0,0)	2.80 (0.30)		
			3.10 m Bedrock. - EXPLORATORY HOLE ENDS AT 3.10 m	3.10		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.10 Slow inflow			Depth Related Remarks * From to (m)	Stability Unstable Shoring None Weather Sun		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4813/02/2015 10:53:07			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1094 Sheet 1 of 1		

Trial Pit Log

Logged AJ Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.20m. Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 0.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly clayey gravelly fine to coarse SAND with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone brick and concrete. Frequent rootlets. (VO=0,0)	(0.50)		
			2 Soft grey mottled orangish brown sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=1,1)	(0.80)		
1.50	ES 2		3 Black pseudo fibrous PEAT. (VO = 0,0)	(0.30)		
			4 Soft grey mottled orangish brown sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=1,1)	(1.10)		
2.50	ES 3		2.50 m Pipe			
			3 Light brown gravelly clayey fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=0,0)	(0.50)		
3.20	ES 4		EXPLORATORY HOLE ENDS AT 3.20 m	3.20		
			3.20 m Bedrock			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.50 Fast inflow from possible broken pipe			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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1095 Sheet 1 of 1		

Logged AJ	Start 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.2m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown sandy subangular to subrounded, fine to coarse GRAVEL of sandstone, brick and concrete with medium cobble content. Cobbles are subangular to subround of sandstone, brick and concrete. Frequent roots and rootlets. (VO = 0,0)	(0.60)		
0.90	ES 2		2 Black pseudo fibrous PEAT. (VO = 0,0)	(0.30)		
2.00	ES 3		3 Soft grey sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,1)	(1.90)		
3.00	ES 4		4 Light brown sandy subangular to rounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to rounded frequently tabular of sandstone. (VO = 0,0)	(0.40)		
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)	Stability Collapsing 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 426.4808/02/2015 16:33:50			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1096 Sheet 1 of 1		

Logged AW Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.0m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D B →		Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 Bluish grey frequently stained black and orange clayey slightly sandy gravelly SILT with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Frequent hydrocarbon product leaking out of 2 large metal pipes(removed). (VO = 5,4)			(1.00)		
			EXPLORATORY HOLE ENDS AT 1.00 m			1.00		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m) 0.00 1.00 No Samples Obtained.			Stability Unstable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4808/02/2015 16:33:52 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1099 Sheet 1 of 1		

Logged AW Checked AP		Start 30/09/2014 End 30/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated due to concrete base.		Dimensions and Orientation Width 1.50 m Length 4.00 m A B C →		Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 (MADE GROUND) Dark brown slightly organic slightly sandy slightly gravelly SILT with medium cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular of sandstone and brick. Frequent roots and rootlets. (VO = 1,1) 0.50 m Concrete EXPLORATORY HOLE ENDS AT 0.50 m					(0.50) 0.50		
Depth	Type & No.	Records Date								
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)					Stability Stable Shoring None Weather 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 426.4808/02/2015 16:33:56 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited					Trial Pit TPE1100 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.1m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Greyish brown frequently stained orange and black silty gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, ash and concrete. Cobbles are subangular of sandstone. (VO = 3,4) 0.00-2.10 m Localised pockets of hydrocarbon product found throughout pit.			(0.70)		1
1.50	ES 2		2 Soft to firm brownish grey frequently stained orange and black silty slightly sandy slightly gravelly CLAY with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 4,3)			0.70		
			EXPLORATORY HOLE ENDS AT 2.10 m			2.10		
			2.10 m Grey weathered bedrock.					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.40 Seepage mixed with black hydrocarbon product.			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:33:59			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1102A Sheet 1 of 1		

Trial Pit Log



Logged JAF Checked AP		Start 08/07/2014 End 08/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.5m Terminated due to water ingress	Dimensions and Orientation Width 1.60 m Length 2.40 m A B C D B →		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Brownish grey occasionally slightly dark grey slightly clayey sandy GRAVEL with medium cobble content and low boulder content. Gravel is subangular to subrounded of sandstone and siltstone. Cobbles are angular to subrounded of sandstone and siltstone. Boulders are subangular to subrounded of sandstone and siltstone. (VO = 1,0)	(1.50)			
1.50	ES 2		EXPLORATORY HOLE ENDS AT 1.50 m	1.50			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.50 Rose to 1.00 m after 5 minutes. Groundwater			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Cloudy	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4806/05/2015 12:51:19			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1103 Sheet 1 of 1	



Trial Pit Log



Logged JC Checked AP		Start 08/07/2014 End 08/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.50m Terminated due to water ingress	Dimensions and Orientation Width - Length - A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown and grey slightly clayey sandy angular to subrounded, fine to coarse GRAVEL of sandstone and siltstone with medium cobble content and low boulder content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and siltstone. Boulders are subangular to rounded of sandstone and siltstone. (VO = 0,0)		(1.50)		
1.50	ES 2		2 Brownish red frequently stained slightly sandy angular to subangular, fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subangular to subrounded of sandstone. Sand is fine to coarse. Faint hydrocarbon odour. (VO = 2,0)		1.50 (1.00)		
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m		2.50		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.50 Rose to 1.50 m after 15 minutes. Groundwater			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1104B Sheet 1 of 1		



Exploratory Hole Log

Drilled Logged AJ Checked AP		Start 02/09/2014 End 02/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.		Depth from to Diameter Casing Depth		Ground Level Coordinates National Grid Chainage	
Samples and Tests					Strata				
Depth	Type & No	Records	Date Casing	Time Water	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1				(MADE GROUND) Soft brown sandy slightly gravelly CLAY with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone and brick. Frequent roots and rootlets. Pockets of black ash and clinker. (VO = 3,2)		(0.50)		
1.00	ES 2				Soft orange sandy CLAY with low gravel content. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,1)		(0.50)		
							1.00		
							(1.00)		
					Light grey sandy subangular to rounded frequently tabular, fine to coarse GRAVEL of sandstone with high cobble content. Cobbles are subangular to rounded frequently tabular of sandstone. Gravel and cobbles are frequently black stained. (VO = 4,4) 2.00 m Bedrock EXPLORATORY HOLE ENDS AT 2.00 m		2.00		
Depth	Type & No	Records	Date Casing	Time Water					
Groundwater Entries No. Struck (m) Post strike behaviour Depth sealed (m) 1 2.00 Slow inflow from base of pit and purged from Face A. 0.00					Depth Related Remarks * From to (m)		Chiselling Depths (m) Time Tools used		
Notes: 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 1:50					Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Borehole TPE1105 Sheet 1 of 1		

Trial Pit Log

Logged AJ Checked AJon		Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.3m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.40	ES 1		1 (MADE GROUND) Brown clayey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Occasional rootlets. (VO= 1, 1) 2 Grey sandy subangular to subrounded frequently tabular occasionally tabular GRAVEL of sandstone and brick with high cobble content. Cobbles are subangular to subrounded of sandstone. (VO= 4, 4)	(0.40) 0.40 (0.90)		
1.30	ES 2		EXPLORATORY HOLE ENDS AT 1.30 m 1.30 m Bedrock	1.30		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 426.4806/01/2015 15:36:16			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1106 Sheet 1 of 1		

Trial Pit Log



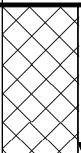
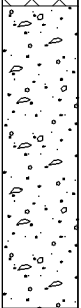
Logged AJ Checked AJon		Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.2m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D B →	Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.30	ES 1		1 (MADE GROUND) Black subangular to subrounded, fine to coarse GRAVEL of clinker. (VO = 4,4)	(0.30)		1
			2 Grey sandy subangular to subrounded, fine to coarse frequently tabular GRAVEL of sandstone with high cobble and low boulder content. Cobbles and boulders are subangular to subrounded tabular. (VO = 4,4)	0.30 (0.90)		
1.20	ES 2		EXPLORATORY HOLE ENDS AT 1.20 m	1.20		
			1.20 m Bedrock			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.30 Fast inflow brown sheen on water			Depth Related Remarks * From to (m)			Stability Collapsing 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 426.4806/01/2015 15:36:18			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1107 Sheet 1 of 1

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Trial Pit Log



Logged JAF Checked AP		Start 08/07/2014 End 08/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.50m Terminated due to water ingress.	Dimensions and Orientation Width 1.60 m Length 2.80 m A B C D B C		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Topsoil over brown silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and rare brick. (VO = 0,0)	(1.00)			
1.50	ES 2		2 (MADE GROUND) Grey and brown sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subrounded of sandstone. (VO = 2,2)	(1.00)			
2.50	ES 3		3 (MADE GROUND) Grey slightly gravelly slightly clayey, fine to coarse SAND. Gravel is angular, fine to medium of sandstone. (VO = 1,1)	(1.50)			
4.00	ES 4		4 Grey and brown sandy subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 2,2)	(1.00)			
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.80 Steady inflow. Product observed on water.			Depth Related Remarks * From to (m)		Stability Unstable Shoring None Weather Wet (heavy rain)		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4806/05/2015 12:52:54			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1172A Sheet 1 of 1		

Logged AW Checked AJon		Start 03/09/2014 End 03/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.00 Terminated on bedrock		Dimensions and Orientation Width 1.50 m Length 5.00 m A B C D ➔		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 (MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL of clinker. Sand is fine to coarse of ash. (VO= 3, 1)			(0.50)		
			2 Brownish grey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO=3, 2)			(1.00)		
	1.80	ES 2		3 Dark grey, frequently stained orange and black, sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with high cobble content and frequent boulders. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Boulders are subangular tabular of sandstone. Cobbles and boulders are frequently covered in hydrocarbon product. (VO=4, 4)			(0.50)	
			2.00 m Bedrock.			2.00		
			EXPLORATORY HOLE ENDS AT 2.00 m					

Logged AW Checked AP		Start 11/02/2015 End 11/02/2015		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.4m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.00 m A B C D B →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 Grey moderately stained black sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine. Cobbles are subangular tabular of sandstone. (VO = 4,3)					(1.40)		
			EXPLORATORY HOLE ENDS AT 1.40 m					1.40		

Trial Pit Log

Logged AW Checked AP		Start 02/09/2014 End 02/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.6m Unable to progress beyond 2.60m.	Dimensions and Orientation Width 1.50 m Length 5.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level, (Thickness), Legend, Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Black sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and clinker. Sand is fine to coarse of ash. (VO = 3,1) 2 Brownish grey occasionally stained black clayey gravelly, fine to coarse SAND with low cobble content and low boulder content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Boulders are subangular of sandstone. Cobbles and boulders are occasionally hydrocarbon saturated. (VO = 4,3)	(0.30) 0.30 (0.90)	 1	
1.50	ES 2		3 Brownish grey frequently stained black slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with high cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 3,3) 2.00-2.60 m Medium boulder content. Boulders are subangular tabular of sandstone.	1.20 (1.40)	 1	
			EXPLORATORY HOLE ENDS AT 2.60 m	2.60		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 1.00 Seepage mixing with hydrocarbon product giving water an oily black sheen			Depth Related Remarks * From to (m)	Stability Unstable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1175 Sheet 1 of 1		

Logged JC Checked AP		Start 07/07/2014 End 07/07/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.10m Terminated due to groundwater ingress		Dimensions and Orientation Width 1.30 m Length 2.50 m A B C →		Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark grey sandy subangular to subrounded, fine to coarse frequently oil stained GRAVEL of sandstone, brick and slag with medium cobble content. Sand is fine to coarse. Faint hydrocarbon odour. (VO = 2,1)					(1.10)	1 1	1 1
			EXPLORATORY HOLE ENDS AT 1.10 m					1.10		

Logged JC	Start 07/07/2014	Equipment, Methods and Remarks		Dimensions and Orientation		Ground Level -
Checked AP	End 07/07/2014	Komatsu PC210 Machine excavated trial pit from GL to 1.60m Terminated due to water ingress		Width 1.20 m Length 2.30 m	A D B C ➡	Coordinates -
						National Grid -
						Chainage -
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark grey and brownish red subangular to subrounded, fine to coarse frequently oil stained sandy subangular to subrounded fine to coarse GRAVEL of brick, concrete and slag with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of brick, concrete and slag. Faint hydrocarbon odour. (VO = 2,1)	(1.60)		
1.50	ES 2			1.60		
			EXPLORATORY HOLE ENDS AT 1.60 m			

Trial Pit Log

Logged AW Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.9m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 (MADE GROUND) Dark brown slightly organic slightly sandy gravelly SILT with medium cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and ceramic. Cobbles are subangular of sandstone and brick. Occasional roots and rootlets. (VO = 1,1)	(0.50)		
1.00	ES 2		2 Light grey frequently stained orange clayey slightly sandy slightly gravelly SILT. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 3,1)	(0.80)		
1.50	ES 3		3 Greyish brown frequently stained black and orange slightly clayey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO = 3,1)	(0.60)		
			EXPLORATORY HOLE ENDS AT 1.90 m 1.90 m Grey weathered bedrock.	1.90		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:34:05			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1178 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.70m. Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level Coordinates National Grid Chainage	-	-	-
Samples and Tests			Strata		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
Depth	Type & No.	Date Records	Description					
0.20	ES 1		1 Dark brown frequently stained black silty sandy subangular to subrounded fine to coarse GRAVEL of sandstone, brick and concrete. Sand is fine to coarse of ash. Frequent roots and rootlets. (VO = 4,3)		0.00-0.30 m Ceramic pipe encasing copper pipe.	(0.40)		
1.00	ES 2		2 Light grey frequently stained orange slightly gravelly clayey fine to coarse SAND with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO = 3,3)			(1.10)		
2.00	ES 3		3 Greyish brown, moderately stained orange sandy slightly clayey subangular to subrounded fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone. (VO = 3,2)			(1.20)		
			EXPLORATORY HOLE ENDS AT 2.70 m		2.70 m Bedrock	2.70		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.50 Seepage			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Cloudy			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1179 Sheet 1 of 1			

Trial Pit Log



Logged AW Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.60m Terminated due to brick obstruction and water ingress.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D →		Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 (MADE GROUND) Brown slightly sandy gravelly SILT with medium cobble content. Sand is fine. Gravel is subangular to subrounded fine to coarse of brick and concrete. Cobbles are subangular of sandstone and brick. Frequent roots and rootlets. Occasional rebar. (VO=0,0)			(0.60)		
			EXPLORATORY HOLE ENDS AT 0.60 m			0.60		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m) 0.00 0.60 No samples obtained.			Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4813/02/2015 10:53:28			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1180 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated from GL to 2.30m. Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Light grey frequently stained orange slightly gravelly slightly clayey fine to coarse SAND with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO = 3,3)	(0.90)			
1.50	ES 2		2 Greyish brown gravelly fine to coarse SAND with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO=2,2)	0.90 (1.40)			
EXPLORATORY HOLE ENDS AT 2.30 m				2.30			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Cloudy	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4813/02/2015 10:53:31 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1181 Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m 		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Dark brown silty gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular of sandstone. Hydrocarbon product found in localised pockets. (VO = 3,1) 2 Light grey mottled orange clayey, fine to coarse SAND. (VO = 2,1)	0.20 (0.80)			
1.50	ES 2		3 Brown moderately stained black silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subrounded to subrounded of sandstone. (VO = 3,3)	1.00 (1.40)			
			EXPLORATORY HOLE ENDS AT 2.40 m	2.40			
			2.40 m Grey weathered bedrock.				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.80 Seepage			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather 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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1183 Sheet 1 of 1		

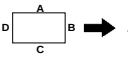
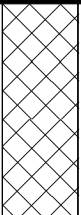
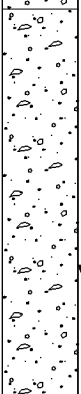


Logged AW Checked AP		Start 24/09/2014 End 24/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.0m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 4.00 m A B C		Ground Level Coordinates National Grid Chainage	
Samples and Tests				Strata					
Depth	Type & No.	Date Records	Description				Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown silty gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Moderate roots and rootlets. Rare metal fragments. (VO = 1,1)				0.30		
			2 Grey mottled orange silty, fine to coarse SAND. (VO = 2,2)				(1.00)		
1.50	ES 2		3 Dark brown occasionally stained orange and black silty gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,1)				1.30		
2.50	ES 3						(1.70)		
			EXPLORATORY HOLE ENDS AT 3.00 m				3.00		
			3.00 m Grey weathered bedrock.						
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.80 Seepage			Depth Related Remarks * From to (m)				Stability Stable Shoring None Weather 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 Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited				Trial Pit TPE1184 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.2m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly sandy slightly gravelly SILT with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and ceramic. Cobbles are subangular of sandstone, brick and ceramic. Frequent roots and rootlets. (VO = 0,0)	(1.10)		
1.50	ES 2		2 Grey frequently stained orange slightly clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO = 2,1)	1.10 (1.00)		
2.50	ES 3		3 Brown slightly clayey silty gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO = 1,1)	2.10 (1.10)		
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20		
			3.20 m Grey weathered bedrock.			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.70 Seepage			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 Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1185 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.1m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Orange slightly silty slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone and brick. Occasional roots and rootlets. (VO = 1,0)	(0.70)		
1.50	ES 2		2 Bluish grey moderately stained orange slightly silty gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 3,2)	0.70 (1.10)		
2.50	ES 3		3 Greyish brown moderately stained black and orange slightly clayey gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 2,2)	1.80 (1.30)		
			EXPLORATORY HOLE ENDS AT 3.10 m 3.10 m Grey weathered bedrock.	3.10		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.70 Seepage			Depth Related Remarks * From to (m)		Stability Unstable Shoring None Weather Cloudy	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:55:45 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1186 Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.8m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 (MADE GROUND) Yellowish brown silty slightly gravelly, fine SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone and brick. Occasional roots and rootlets. (VO = 0,0)			(0.40)		
0.60	ES 2		2 Bluish grey frequently stained orange and black silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with high cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 3,3)			(0.40)		
			0.80 m Grey weathered bedrock. EXPLORATORY HOLE ENDS AT 0.80 m			0.80		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 426.4908/02/2015 16:55:48			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1187 Sheet 1 of 1		

Trial Pit Log



Logged JAF Checked AP		Start 10/07/2014 End 10/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.50m. Unable to progress beyond 3.50m.	Dimensions and Orientation Width 1.50 m Length 5.50 m A D C B →		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
		*	1 Topsoil over grey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 0,0)	(1.10)			
			2 (MADE GROUND) Black fine to coarse SAND of ash. (VO = 1,1)	1.10			
			3 (MADE GROUND) Orangish brown slightly sandy CLAY. Sand is fine to coarse. (VO = 0,1)	1.30			
				(1.00)			
			4 Grey slightly sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 0,1)	2.30		1	
				(1.20)			
			EXPLORATORY HOLE ENDS AT 3.50 m	3.50			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.30 Steady ingress of water and product.			Depth Related Remarks * From to (m) 0.00 3.50 No samples obtained.		Stability Unstable Shoring None Weather Dry		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4806/05/2015 12:53:16			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1188 Sheet 1 of 1		

Trial Pit Log



Logged JAF Checked AP		Start 10/07/2014 End 10/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.50m. Unable to progress beyond 3.50m.	Dimensions and Orientation Width 1.55 m Length 5.50 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
		*	1 (MADE GROUND) Topsoil over grey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 0,0)	(1.10)			
			2 (MADE GROUND) Black fine to coarse SAND of ash. (VO = 1,1)	1.10			
			3 (MADE GROUND) Orangish brown slightly sandy CLAY. Sand is fine to coarse. (VO = 0,1)	1.30			
				(1.00)			
			4 Grey slightly sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 0,1)	2.30		1	
				(1.20)			
			EXPLORATORY HOLE ENDS AT 3.50 m	3.50			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.30 Steady ingress of water and product.			Depth Related Remarks * From to (m) 0.00 3.50 No samples obtained.		Stability Unstable Shoring None Weather Dry		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4806/05/2015 12:53:20 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1189 Sheet 1 of 1		

Trial Pit Log



Logged JAF Checked AP		Start 08/07/2014 End 08/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.50m Unable to progress beyond 3.50m	Dimensions and Orientation Width 1.55 m Length 5.50 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Topsoil over grey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 0,0)	(1.10)			
1.20	ES 2		2 (MADE GROUND) Black fine to coarse SAND of ash. (VO = 1,1)	1.10			
1.50	ES 3		3 (MADE GROUND) Orangish brown slightly sandy CLAY. Sand is fine to coarse, (VO = 0,1)	1.30			
				(1.00)			
2.50	ES 4		4 Grey slightly sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 0,1)	2.30		1	
				(1.20)			
3.50	ES 5		EXPLORATORY HOLE ENDS AT 3.50 m	3.50			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.30 Steady ingress water and product			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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1190 Sheet 1 of 1		



Trial Pit Log



Logged AW Checked AP		Start 11/02/2015 End 11/02/2015	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.4m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 Orange slightly gravelly SILT. Gravel is subangular to subrounded, fine to coarse of sandstone. Occasional roots and rootlets. (VO = 0,0)			(0.30)		
			2 Grey occasionally stained black gravelly slightly sandy SILT with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine. Cobbles are subangular tabular of sandstone. (VO = 3,3)			0.30		
			EXPLORATORY HOLE ENDS AT 1.40 m			1.40		
			1.40 m Grey weathered bedrock.					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.80 Seepage with hydrocarbon staining.			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4803/03/2015 15:07:30			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1191 Sheet 1 of 1		

Trial Pit Log



Logged JC Checked AP		Start 08/07/2014 End 08/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.50m Terminated on bedrock	Dimensions and Orientation Width 1.30 m Length 2.30 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Soft to firm brownish grey slightly gravelly sandy CLAY with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. Dark grey cobble sized pockets of ash and cinder. Faint hydrocarbon odour. (VO = 0,1)		(2.50)		
1.50	ES 2						
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m 2.50 m Bedrock		2.50		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather 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 12:53:27			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1192 Sheet 1 of 1		

Trial Pit Log



Logged SK Checked AP		Start 07/07/2014 End 07/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.60m Terminated on bedrock	Dimensions and Orientation Width 1.60 m Length 5.20 m A B C 260 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Dark grey and reddish grey sandy subangular to subrounded, fine to coarse GRAVEL of slag, clinker, burnt shale and occasionally brick. (VO = 0,0)	(0.70)			
1.50	ES 2		2 Brownish grey occasional dark grey slightly clayey sandy angular to subrounded, fine to coarse GRAVEL of sandstone and siltstone with low to medium cobble content. Faint hydrocarbon odour. (VO = 1,2)	0.70			
2.50	ES 3			(2.80)			
3.50	ES 4		3 Grey stained brown fine to medium SANDSTONE. Recovered as weak to medium strong angular, fine to coarse gravel and angular to subangular tabular cobbles and boulders. (VO = 0,0)	3.50			
			EXPLORATORY HOLE ENDS AT 3.60 m	3.60			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.00 Slight seepage face D 2 3.00 Rose to 3.50 m after 10 minutes. Thick heavy sheen and foam dark grey and orangish brown			Depth Related Remarks * From to (m)		Stability Slight collapse throughout Shoring None Weather 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 426.4806/05/2015 12:54:10			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1253 Sheet 1 of 1		

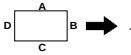
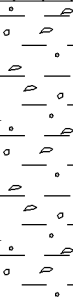
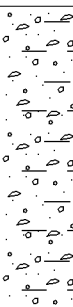
Logged JAF Checked AP	Start 07/07/2014 End 07/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.90m Terminated as intercepted disused pipe.	Dimensions and Orientation Width 1.55 m Length 4.00 m A D B C ➔	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Black and brown slightly sandy silty subangular to subrounded, fine to coarse GRAVEL of sandstone and brick. Occasional wood fragments. (VO = 0,0)	(0.70)		
0.90	ES 2		2 (MADE GROUND) Black and brown slightly sandy silty subangular to subrounded, fine to coarse GRAVEL of sandstone and brick. Occasional wood fragments. (VO = 0,0)	0.70		
0.90	ES 3		EXPLORATORY HOLE ENDS AT 0.90 m	0.90		
0.90 m Pipe						
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.90 Ingress steady from pipe			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Overcast and	
Notes: 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 12:54:31 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1254A Sheet 1 of 1	

Trial Pit Log



Logged JAF Checked AP		Start 07/07/2014 End 07/07/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.10m Terminated due to water and product ingress		Dimensions and Orientation Width 1.55 m Length 4.00 m A B C D B →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description				Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Dark grey slightly sandy, clayey angular to subrounded, fine to coarse GRAVEL of brick and sandstone. Frequent wood fragments. (VO = 3,4)				(0.90)			
1.50	ES 2		2 Greyish brown sandy clayey angular to subrounded, fine to coarse GRAVEL of brick and sandstone. Frequent wood fragments. (VO = 3,4)				0.90 (1.20)			
			EXPLORATORY HOLE ENDS AT 2.10 m				2.10			
Depth	Type & No.	Records Date								
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.20 Steady ingress			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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited				Trial Pit TPE1255 Sheet 1 of 1			



Logged AJ Checked AP	Start 26/02/2015 End 26/02/2015	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 3.50 m 	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark grey sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone and brick with low cobble content. sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and brick. (VO = 2,1)	(1.00)		
1.50	ES 2		2 Soft orangish brown sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,1)	1.00 (1.00)		
2.50	ES 3		3 Brownish grey sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 3,3)	2.00 (1.00)		
			 3.00 m Bedrock EXPLORATORY HOLE ENDS AT 3.00 m	3.00		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.00 Medium ingress			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Rain	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4831/03/2015 14:53:53 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1256 Sheet 1 of 1	

Trial Pit Log



Logged JAF Checked AP		Start 07/07/2014 End 07/07/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.00m Terminated on hard strata		Dimensions and Orientation Width 1.55 m Length 4.50 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Blackish brown silty sandy subangular to subrounded, fine to coarse GRAVEL of brick, concrete and sandstone. Frequent plastic bag fragments. (VO = 1,1)			(0.70)			
1.50	ES 2		2 (MADE GROUND) Grey and black slightly sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone. Occasional straw and organic matter. (VO = 1,1)			0.70 (1.30)			
2.50	ES 3		3 Yellowish brown slightly sandy gravelly CLAY. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 1,1)			2.00 (1.00)			
3.50	ES 4		4 Greyish brown sandy clayey angular to subrounded, fine to coarse GRAVEL of sandstone. (VO = 1,1)			3.00 (2.00)			
4.50	ES 5								
Depth	Type & No.	Records Date	EXPLORATORY HOLE ENDS AT 5.00 m						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 5.00 Slight ingress from bottom of pit and product			Depth Related Remarks * From to (m)			Stability Unstable past 3.50m Shoring None Weather Dry			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4806/05/2015 12:54:39 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1257 Sheet 1 of 1			

Trial Pit Log



Logged JAF Checked AP		Start 10/07/2014 End 10/07/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.00m. Terminated on hard strata.	Dimensions and Orientation Width 1.55 m Length 4.50 m A B C D → 000 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments	
		*	1 (MADE GROUND) Blackish brown silty sandy subangular to subrounded, fine to coarse GRAVEL of brick, concrete and sandstone. Frequent plastic bag fragments. (VO = 1,1)	(0.70)			
			2 Grey and black slightly sandy clayey subangular to subrounded, fine to coarse GRAVEL of sandstone. Occasional straw and organic matter. (VO = 1,1)	0.70 (1.30)			
			3 Yellowish brown slightly sandy gravelly CLAY. Gravel is angular to subangular, fine to coarse of sandstone. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. (VO = 1,1)	2.00 (1.00)			
			4 Greyish brown sandy clayey angular to subrounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 1,1)	3.00 (2.00)			
Depth	Type & No.	Records Date	EXPLORATORY HOLE ENDS AT 5.00 m				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 5.00 Steady ingress of water and free product.			Depth Related Remarks * From to (m) 0.00 5.00 No samples obtained.			Stability Unstable beyond 3.50m. 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 426.4806/05/2015 12:54:43			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit TPE1258 Sheet 1 of 1	

[illegible]

Logged DD Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.6m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m A B C D 250 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Stiff grey gravelly CLAY with medium cobble content. Gravel is angular to subangular, fine to coarse of siltstone and sandstone. Cobbles are angular to subangular of siltstone, sandstone, occasional brick, concrete and tarmac. (VO = 2,2)	(0.60)			
			2 (MADE GROUND) Reddish brown and dark purple sandy subangular occasionally subrounded, fine to coarse GRAVEL of brick, clinker, siltstone and sandstone with high cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of brick, clinker, siltstone and sandstone. (VO = 3,3)	0.60 (0.50)			
1.50	ES 2		3 Brown to light brown sandy gravelly CLAY with high cobble content and medium boulder content. Gravel is subangular to subrounded, fine to coarse of siltstone and sandstone. Cobbles and boulders are subrounded to rounded of siltstone and sandstone. (VO = 2,2)	1.10 (0.50)			
			EXPLORATORY HOLE ENDS AT 1.60 m	1.60 m Bedrock			

Trial Pit Log



Logged AW Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.9m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.40	ES 1		1 (MADE GROUND) Orangish brown occasionally stained black slightly clayey slightly sandy slightly gravelly SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone and brick. Occasional roots and rootlets. (VO = 1,1)		(0.50)		
0.70	ES 2		2 Brownish dark grey slightly clayey gravelly SILT with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular occasionally tabular of sandstone. (VO = 2,1)		(0.40)		
			EXPLORATORY HOLE ENDS AT 0.90 m		0.90		
			0.90 m Grey weathered bedrock.				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.50 Seepage			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Cloudy,rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4908/02/2015 16:34:20			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit TPE1261 Sheet 1 of 1		

Logged AW Checked AP		Start 24/09/2014 End 24/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata							
Depth	Type & No.	Date Records	Description					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Dark brown silty gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)					0.30		
			2 Yellowish brown moderately stained orange slightly clayey slightly sandy SILT. Sand is fine to coarse. (VO = 2,1)					(0.80)		
1.50	ES 2		3 Greyish brown slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 3,3)					1.10		
			EXPLORATORY HOLE ENDS AT 2.20 m					2.20		

Trial Pit Log

Logged AW Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Brown silty slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular of sandstone and brick. Occasional roots and rootlets. (VO = 1,1)	(0.40)		
			2 Soft to firm grey mottled orange occasionally stained black silty slightly sandy CLAY. Sand is fine to coarse. (VO = 2,2)	(0.90)		
1.50	ES 2		3 Bluish grey clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Gravel and cobbles increase with depth. (VO = 4,3)	(0.90)		
			EXPLORATORY HOLE ENDS AT 2.20 m 2.20 m Grey weathered bedrock.	2.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 2.00 Seepage - water surface has hydrocarbon sheen.			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 Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1263 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 (MADE GROUND) Dark brown occasionally stained black slightly clayey slightly gravelly SILT with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular of sandstone and brick. Rare wood fragments. Rare metal fragments. (VO = 2,1)	(2.30)		
2.00	ES 2			2.30		
3.00	ES 3		2 Grey mottled orange clayey silty slightly gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. Occasional roots. (VO = 2,2)	(1.00)		
4.00	ES 4		3 Greyish brown slightly clayey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subrounded of sandstone. (VO = 3,3)	3.30		
				(1.70)		
			EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Unstable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 16:56:16			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit TPE1266 Sheet 1 of 1		