

Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:46:41 

Trial Pit Log



Logged AW Checked AP		Start 10/11/2014 End 10/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 Brown to orangish brown silty slightly gravelly SAND with frequent roots and rootlets. (VO = 0,0)		(0.60)		
1.50	ES 2		2 Brown slightly silty 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. (VO = 0,0)		0.60		
2.50	ES 3				(3.40)		
3.50	ES 4						
			EXPLORATORY HOLE ENDS AT 4.00 m		4.00		
			4.00 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 (c) ESG www.esg.co.uk 426.4824/03/2015 08:46:44			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC189 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 10/11/2014 End 10/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.20m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 (TOPSOIL) Brownish orange silty fine to coarse SAND with frequent roots. (VO = 0,0)	(0.40)			
			2 Brown slightly silty gravelly, fine to coarse SAND with high cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 1,2)	0.40			
1.50	ES 2						
2.50	ES 3			(3.80)			
3.50	ES 4						
			EXPLORATORY HOLE ENDS AT 4.20 m	4.20			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.50 Groundwater oozing, pooling in base.			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Light rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4824/03/2015 08:46:47 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC190 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 10/11/2014 End 10/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.30 m Length 6.00 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) Brown silty fine to coarse SAND with frequent roots and rootlets. 1 No. thick metal cable. (VO = 0,0)	(0.40)				
			2 Brown slightly silty gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are angular to subangular sandstone. Cobbles are (VO = 0,0)	0.40				
1.50	ES 2							
2.50	ES 3							
3.50	ES 4							
			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 Collapse to 3.60m Shoring None Weather Light rain			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4824/03/2015 08:46:51 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC191 Sheet 1 of 1			

Trial Pit Log



Logged AW Checked AP		Start 11/11/2014 End 11/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.90m Terminated due to collapse.	Dimensions and Orientation Width 1.30 m Length 6.00 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 (TOPSOIL) Brown silty, fine to coarse SAND with frequent roots. (VO = 0,0)		0.20		
1.50	ES 2		2 Brown slightly silty gravelly, fine to coarse SAND with medium cobble content. Cobbles are subangular to subrounded of sandstone. Gravel is angular to subangular, fine to coarse of sandstone. (VO = 0,0)		(3.70)		
2.50	ES 3						
3.50	ES 4						
			EXPLORATORY HOLE ENDS AT 3.90 m		3.90		
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 Major collapse on both sides A and C Shoring None Weather Rain, heavy & light		
Notes: For explanation of 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 NSC192 Sheet 1 of 1		



Trial Pit Log



Logged AW Checked AP		Start 11/11/2014 End 11/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.8m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 (TOPSOIL) Brown silty, fine to coarse SAND with frequent roots. (VO = 0,0)		(0.30)			
			2 Brown slightly silty gravelly, fine to coarse SAND with medium cobble content. Cobbles are subangular to subrounded of sandstone. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)		0.30			
1.50	ES 2							
2.50	ES 3				(3.50)			
3.50	ES 4							
			EXPLORATORY HOLE ENDS AT 3.80 m Sandstone.		3.80			
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.50 Some GW oozing from base of pit and from upto 2.30m down			Depth Related Remarks * From to (m)		Stability Major collapses Shoring None Weather Light rain.			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:46:58			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC193 Sheet 1 of 1			

Trial Pit Log



Logged AW Checked AP		Start 11/11/2014 End 11/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.1m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 (TOPSOIL) Brown silty, fine to coarse SAND with frequent roots. (VO = 0,0)	(0.30)			
1.50	ES 2		2 Brown slightly silty gravelly, fine to coarse SAND with medium cobble content. Cobbles are angular to subangular of sandstone. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	0.30			
2.50	ES 3			(3.80)			
3.50	ES 4						
			EXPLORATORY HOLE ENDS AT 4.10 m	4.10			
			4.10 m Sandstone bedrock.				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.00 Seepage			Depth Related Remarks * From to (m)		Stability Major collapse side A Shoring None Weather Light-heavy rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:47:01 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC194 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 20/11/2014 End 20/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.00m Unable to progress beyond 2.00m.	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
0.50	ES 1		1 Brown clayey slightly gravelly, fine to coarse SAND with low cobble and boulder content . Gravel is angular to well rounded, fine to coarse of mixed lithologies including sandstone. Cobbles and boulders are angular to well rounded of mixed lithologies including sandstone. Moderate rootlets. (VO = 0,0)			(2.00)		
1.50	ES 2							
			EXPLORATORY HOLE ENDS AT 2.00 m			2.00		
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 (c) ESG www.esg.co.uk 426.4824/03/2015 08:47:04			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC197 Sheet 1 of 1		

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Trial Pit Log

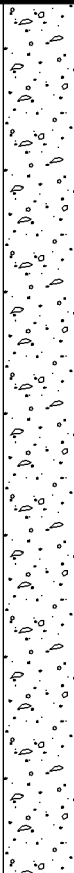


Logged SP Checked AP		Start 20/11/2014 End 20/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.0m Terminated due to obstruction.	Dimensions and Orientation Width 1.40 m Length 3.80 m A D-----B C →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Light brown mottled orange clayey slightly gravelly, fine to coarse SAND with low cobble and boulder content. Gravel is angular to well rounded, fine to coarse of sandstone and moderate brick. Cobbles and boulders are angular to well rounded of sandstone and brick. (VO = 0,0)			(1.00)		
			EXPLORATORY HOLE ENDS AT 1.00 m 1.00 m Obstruction (unknown).			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 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 426.4824/03/2015 08:47:15			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC199 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 20/11/2014 End 20/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.0m Terminated due to obstruction.	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
0.50	ES 1		1 (MADE GROUND) Dark brown clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is angular to well rounded, fine to coarse of mixed lithologies including sandstone and brick. Cobbles are angular to well rounded of mixed lithologies including sandstone, brick and occasional concrete. (VO = 0,0)			(1.00)		
			EXPLORATORY HOLE ENDS AT 1.00 m 1.00 m Obstruction (unknown).			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 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 426.4824/03/2015 08:47:17			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC201 Sheet 1 of 1		

Logged NK Checked AP	Start 24/11/2014 End 24/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.9m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 4.00 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
0.50	ES 1		1 Light brown slightly silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded occasionally tabular of sandstone. Rare gravel sized pockets of orange medium sand (VO = 0,0)	(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 Sunny	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:47:20 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC202 Sheet 1 of 1	

Scale 1:25 (c) ESG www.esg.co.uk
426.4824/03/2015 08:47:23 

Trial Pit Log



Logged SP Checked AP		Start 20/11/2014 End 20/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated at maximum reach of excavator.		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 Orangish brown clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of sandstone. Cobbles are subangular to well rounded of sandstone. Occasional rootlets. (VO = 0,0)			(1.00)		
			2 Dark greyish brown gravelly clayey, fine to coarse SAND with low cobble content. Gravel is angular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of mixed lithologies including sandstone. (VO = 0,0)			1.00		
						(3.50)		
			EXPLORATORY HOLE ENDS AT 4.50 m			4.50		
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 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 426.4824/03/2015 08:47:26 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC204 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 20/11/2014 End 20/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated due to water ingress.		Dimensions and Orientation Width 1.30 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 Orangish brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of sandstone. Moderate rootlets. (VO = 0,0)			(0.50)		
1.50	ES 2		2 Dark greyish brown clayey gravelly, fine to coarse SAND with low cobble content. Gravel is angular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are angular to well rounded of mixed lithologies including sandstone and siltstone. (VO = 0,0)			0.50		
2.50	ES 3					(3.50)		
3.50	ES 4							
			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 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 426.4824/03/2015 08:47:29			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC205 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 20/11/2014 End 20/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 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 brown mottled dark brown slightly sandy slightly gravelly SILT. Sand is fine. Gravel is subangular to subrounded, fine to medium of sandstone. Frequent rootlets. (VO = 0,0)			(0.80)		
1.50	ES 2		2 Brown sandy gravelly SILT with high cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded occasionally tabular of sandstone. Occasional gravel sized pockets of orange and grey medium sand. (VO = 0,0)			0.80 (1.20)		
			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 Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:47:32			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC206 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 20/11/2014 End 20/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.6m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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 brown mottled dark brown slightly sandy slightly gravelly SILT. Sand is fine. Gravel is subangular to subrounded, fine to medium of sandstone. Frequent rootlets. (VO = 0,0)		(0.60)		
			2 Brown sandy gravelly SILT with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded occasionally tabular of sandstone. Occasional gravel sized pockets of orange and grey medium sand. (VO = 0,0)		0.60 (1.00)		
1.50	ES 2		EXPLORATORY HOLE ENDS AT 1.60 m		1.60		
			1.60 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 Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:47:35			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC207 Sheet 1 of 1		

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Trial Pit Log



Logged NK Checked AP		Start 20/11/2014 End 20/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 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) Light brown slightly gravelly SILT. Gravel is subangular to subrounded, fine to medium of sandstone. Frequent rootlets. (VO = 0,0)	(1.00)		
1.50	ES 2		2 (MADE GROUND) Brown sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Occasional gravel sized pockets of orange and grey medium sand. (VO = 0,0)	(1.00)		
			EXPLORATORY HOLE ENDS AT 2.00 m	2.00		
			2.00 m Bedrock with cable running through faces B-D.			
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 426.4824/03/2015 08:47:45 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC210 Sheet 1 of 1	

Scale 1:25

Trial Pit Log



Logged SP Checked AP		Start 25/11/2014 End 25/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.5m 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
0.50	ES 1		1 Soft to firm orangish brown sandy slightly gravelly SILT with low cobble content. Gravel is subangular to well rounded, fine to coarse of sandstone. Sand is fine to coarse. Cobbles are subangular to well rounded of sandstone. Occasional rootlets. (VO = 0,0)			(1.00)		
			2 Greyish brown very clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is angular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are angular to well round of mixed lithologies including sandstone and silstone. (VO = 0,0)			1.00 (0.50)		
1.50	ES 2		EXPLORATORY HOLE ENDS AT 1.50 m 1.50 m Bedrock			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 426.4824/03/2015 08:47:58			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC214 Sheet 1 of 1		

Logged NK Checked AP	Start 20/11/2014 End 20/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.9m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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 Dark brown slightly sandy slightly gravelly SILT. Sand is fine. Gravel is subangular to subrounded, fine to medium of sandstone. Frequent rootlets. (VO = 0,0)	(0.70)		
1.50	ES 2		2 Light brown mottled medium brown slightly sandy slightly gravelly SILT. Sand is fine. Gravel is subangular to subrounded, fine to medium of sandstone. Occasional rootlets. (VO = 0,0)	0.70 (0.90)		
2.50	ES 3		3 Yellowish brown gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. Cobbles are subangular to subrounded occasionally tabular of sandstone. Occasional gravel sized pockets of orange medium sand. (VO = 0,0)	1.60 (1.30)		
			EXPLORATORY HOLE ENDS AT 2.90 m	2.90		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.50 Heavy seepage from all sides. Pooling at base, cms			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 426.4824/03/2015 08:37:31 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSC23 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 20/11/2014 End 20/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.00 m 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 orangish brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Occasional rootlets. (VO = 0,0)			(2.00)		
1.50	ES 2							
2.50	ES 3		2 Light greyish brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of mixed lithologies including sandstone. Occasional pockets of grey mottled orange silt. (VO = 0,0)			2.00		
3.50	ES 4					(2.00)		
			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)			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 426.4824/03/2015 08:37:35 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC24 Sheet 1 of 1		

Logged SP Checked AP	Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 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 Orangish brown clayey slightly gravelly, fine to coarse SAND. Gravel is subrounded to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Moderate rootlets. (VO = 0,0)	0.50		
1.50	ES 2		2 Light orangish brown clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of sandstone. Cobbles are subangular to well rounded of sandstone. (VO = 0,0)	1.00		
2.50	ES 3		3 Dark greyish brown clayey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of mixed lithologies including sandstone and siltstone. (VO = 0,0)	1.50		
3.50	ES 4			2.50		
			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 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 426.4824/03/2015 08:37:39 ESG			Project Coed Darcy Siteside Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSC25 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m 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 mottled orange clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including siltstone. Moderate rootlets. (VO = 0,0)	(0.75)			
1.50	ES 2		2 Light orangish brown clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone. Cobbles are subangular to well rounded of mixed lithologies including sandstone. (VO = 0,0)	(0.75)			
2.50	ES 3		3 Greyish brown clayey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subrounded to well rounded of siltstone and occasional sandstone. (VO = 0,0)	(2.50)			
3.50	ES 4						
			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 Water ingress			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4824/03/2015 08:37:42 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC26 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 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 brown slightly sandy slightly gravelly SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to medium of sandstone. Frequent rootlets. (VO = 0,0)		(0.80)		
1.50	ES 2		2 Brown mottled light brown slightly sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone and shale. Cobbles are subangular to subrounded, fine to coarse of sandstone. Rare gravel sized pockets of orange and grey medium sand. (VO = 0,0)		0.80 (1.20)		
			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) 1 1.50 Heavy seepage from all sides. Pooling at base, few cms.			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 NSC31 Sheet 1 of 1		



Logged NK Checked AP		Start 20/11/2014 End 20/11/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.8m Terminated on bedrock.		Dimensions and Orientation Width 1.00 m Length 4.50 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 slightly sandy slightly gravelly SILT. Sand is fine. Gravel is subangular to subrounded, fine to medium of sandstone. Frequent rootlets. (VO = 0,0)					(1.30)		
1.50	ES 2		2 Yellowish brown gravelly fine to coarse SAND with high cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 0,0)					1.30		
2.50	ES 3							(2.50)		
3.50	ES 4									
			EXPLORATORY HOLE ENDS AT 3.80 m					3.80		
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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited					Trial Pit NSC34 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m 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 orangish brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of sandstone. Occasional rootlets. (VO = 0,0)		(0.50)		
1.50	ES 2		2 Dark greyish brown gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of mixed lithologies including siltstone and sandstone. (VO = 0,0)		0.50		
2.50	ES 3				(3.50)		
3.50	ES 4						
			EXPLORATORY HOLE ENDS AT 4.00 m		4.00		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.50 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 426.4824/03/2015 08:37:52			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC35 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m 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 orangish brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including siltstone and sandstone. Occasional rootlets. (VO = 0,0)		(0.50)		
1.50	ES 2		2 Dark greyish brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is angular to well rounded, fine to coarse of mixed lithologies including siltstone and sandstone. Cobbles are subangular to well rounded of siltstone and sandstone. (VO = 0,0)		0.50		
					(4.00)		
					4.50		
			EXPLORATORY HOLE ENDS AT 4.50 m				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.00 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 426.4824/03/2015 08:37:56			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC36 Sheet 1 of 1		

Scale 1:25

Trial Pit Log



Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m 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 Light brown mottled orange gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded of mixed lithologies including siltstone and sandstone. Cobbles are subangular to well rounded of mixed lithologies including siltstone and occasional sandstone. Occasional rootlets. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Dark greyish brown sandy subangular to well rounded, fine to coarse GRAVEL of mixed lithologies including siltstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to well rounded of mixed lithologies including siltstone. (VO = 0,0)	1.00		
2.50	ES 3			(2.50)		
3.50	ES 4		3 Light orangish brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded of mixed lithologies including siltstone and sandstone. Cobbles are rounded to well rounded of mixed lithologies including siltstone and sandstone. (VO = 0,0)	3.50		
				(1.00)		
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
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 426.4824/03/2015 08:38:03			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSC38 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m 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 brown clayey gravelly, fine to coarse SAND. Gravel is subangular to well rounded of sandstone. Occasional rootlets. (VO = 0,0)		(0.50)		
1.50	ES 2		2 Dark greyish brown sandy slightly clayey subangular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone and siltstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to well rounded of mixed lithologies including siltstone and sandstone. (VO = 0,0)		0.50		
2.50	ES 3				(3.50)		
3.50	ES 4						
			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 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 426.4824/03/2015 08:38:06 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC39 Sheet 1 of 1		

Logged SP Checked AP	Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 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 Light brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of siltstone. Moderate rootlets. (VO = 0,0)	(0.50)		
1.50	ES 2		2 Dark greyish brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including siltstone and sandstone. Cobbles are subangular to well rounded of siltstone and occasional sandstone. (VO = 0,0)	(1.50)		
			EXPLORATORY HOLE ENDS AT 2.00 m	2.00		
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 (c) ESG www.esg.co.uk 426.4824/03/2015 08:38:09 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC40 Sheet 1 of 1	

Trial Pit Log



Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 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
0.50	ES 1		1 Light orangish brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded of sandstone. Occasional rootlets. (VO = 0,0)		(0.50)		
1.50	ES 2		2 Dark greyish brown clayey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded of mixed lithologies including siltstone and sandstone. Cobbles are subangular to well rounded of mix lith including siltstone and sandstone. (VO = 0,0)		(1.50)		
			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 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 426.4824/03/2015 08:38:12 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC41 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP	Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 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 Light brown slightly sandy gravelly SILT. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone. Frequent rootlets. (VO = 0,0)	(1.00)				
1.50	ES 2		2 Brown mottled light brown sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. Occasional gravel sized pockets of orange medium sand. (VO = 0,0)	1.00 (0.80)				
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80				
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)			Stability Stable Shoring Nne 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 426.4824/03/2015 08:38:15			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC42 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 28/11/2014 End 28/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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 Light orangish brown mottled dark brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded of sandstone. Moderate rootlets. (VO = 0,0)		(0.75)		
1.50	ES 2		2 Soft locally firm grey mottled orange sandy slightly gravelly SILT with low cobble content. Gravel is subangular to well rounded, fine to coarse of sandstone. Cobbles are subangular to well rounded of sandstone. (VO = 0,0)		0.75		
2.50	ES 3				(3.25)		
3.50	ES 4						
			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)		Stability Unstable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4824/03/2015 08:38:17 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC51 Sheet 1 of 1		

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Trial Pit Log



Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 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	
0.50	ES 1		1 Light orangish brown clayey slightly gravelly, fine to coarse SAND. Gravel is subrounded to well rounded, fine to coarse of sandstone. Occasional rootlets. (VO = 0,0)	0.50			
1.50	ES 2		2 Dark greyish brown sandy subangular to well rounded, fine to coarse GRAVEL of mixed lithologies including siltstone and sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to well rounded of mixed lithologies including siltstone and sandstone. (VO = 0,0)	(1.50)			
			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 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 426.4824/03/2015 08:38:34 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC54 Sheet 1 of 1	

Trial Pit Log



Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 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	
0.50	ES 1		1 Light orangish brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Moderate rootlets. (VO = 0,0)	0.50			
1.50	ES 2		2 Dark greyish brown sandy subangular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone and siltstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to well rounded of sandstone and siltstone. (VO = 0,0)	(1.50)			
			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 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 426.4824/03/2015 08:38:41 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC55 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 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	
0.50	ES 1		1 Light brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Moderate rootlets. (VO = 0,0)	(0.50)			
1.50	ES 2		2 Dark greyish brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of mixed lithologies including siltstone and sandstone. Cobbles are subangular to well rounded of mixed lithologies including siltstone and sandstone. (VO = 0,0)	(1.50)			
			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 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 426.4824/03/2015 08:38:44 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC56 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 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	
0.50	ES 1		1 Light orangish brown gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to wel rounded of mixed lithologies including siltstone and sandstone. Occasional rootlets. (VO = 0,0)	(0.75)			
1.50	ES 2		2 Dark greyish brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is angular to well rounded, fine to coarse of mixed lithologies including siltstone. Cobbles are subangualr to well rounded of mixed lithologies including siltstone. (VO = 0,0)	(1.25)			
			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 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 426.4824/03/2015 08:38:47			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC57 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.40 m Length 4.50 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 Light orangish brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded of mixed lithologies including siltstone and sandstone. Moderate rootlets. (VO = 0,0)		(0.50)		
			2 Dark greyish brown sandy slightly clayey subangular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone and siltstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to well rounded of siltstone and sandstone. (VO = 0,0)		0.50		
					(3.50)		
			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) 0.00 No Samples Obtained.		Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:38:50			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC58 Sheet 1 of 1		

Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:38:54 

Scale 1:25

Logged NK Checked AP	Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 4.50 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 Light brown slightly sandy slightly gravelly SILT. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Frequent rootlets. (VO = 0,0)	(0.90)		
1.50	ES 2		2 Brown silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and shale. Cobbles are subangular to subrounded, fine to coarse of sandstone. Occasional gravel sized pockets of orange and grey medium sand. (VO = 0,0)	0.90 (1.50)		
			EXPLORATORY HOLE ENDS AT 2.40 m	2.40		

Trial Pit Log

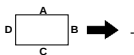


Logged NK Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.1m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Light brown mottled dark brown slightly gravelly SILT. Gravel is subangular to subrounded, fine to medium of sandstone. Frequent rootlets. (VO = 0,0)	(1.40)			
1.50	ES 2		2 Brown silty gravelly fine SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and shale. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	1.40 (0.70)			
			EXPLORATORY HOLE ENDS AT 2.10 m	2.10	2.10 m Bedrock		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.50 Heavy seepage from all sides. Slight pooling at base, few cms.			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 426.4824/03/2015 08:39:08			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC62 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 18/11/2014 End 18/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated due to instability caused by water.	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
0.50	ES 1		1 Light orangish brown clayey gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone. Occasional rootlets. (VO = 0,0)		(1.00)		
1.50	ES 2		2 Greyish brown sandy slightly clayey subangular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone and siltstone with low cobble content. Cobbles are subangular to well rounded of mixed lithologies including sandstone and occasional siltstone. (VO = 0,0)		1.00		
2.50	ES 3				(3.00)		1
3.50	ES 4						2
			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 Water ingress 2 3.50 Water ingress			Depth Related Remarks * From to (m)		Stability Unstable due to water. 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 426.4824/03/2015 08:39:11 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC66 Sheet 1 of 1		

Logged NK	Start 19/11/2014	Equipment, Methods and Remarks	Dimensions and Orientation		Ground Level	
Checked AP	End 19/11/2014	Komatsu PC210 Machine excavated trial pit from GL to 2.3m Terminated on bedrock.	Width 1.00 m Length 4.50 m		Coordinates	
					National Grid	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown mottled medium brown slightly sandy gravelly SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Frequent rootlets. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Brown slightly silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and shale. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 0,0)	1.00 (1.30)		
			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 426.4824/03/2015 08:39:14			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC67 Sheet 1 of 1	

Trial Pit Log



Logged NK Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.1m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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 brown sandy slightly 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, fine to medium of sandstone. Occasional rootlets. (VO = 0,0)	(0.80)			
1.50	ES 2		2 Brown sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, tabular of sandstone mostly tabular. Occasional gravel sized pockets of orange and grey medium sand. (VO = 0,0)	0.80 (1.30)			
			EXPLORATORY HOLE ENDS AT 2.10 m	2.10			
			2.10 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 426.4824/03/2015 08:39:17 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC69 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 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 Light orangish brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Occasional rootlets. (VO = 0,0)		(0.50)		
			2 Dark greyish brown gravelly clayey, fine to coarse SAND with low cobble content. Gravel is angular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are angular to well rounded of mixed lithologies including siltstone and occasional sandstone. (VO = 0,0)		0.50		
					(3.50)		
			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) 0.00 No Samples Obtained.		Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:39:21			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC70 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.40 m Length 4.00 m A B C 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 orangish brown clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of sandstone. Cobbles are subangular to well rounded of sandstone. Occasional rootlets. (VO = 0,0)		(0.50)		
1.50	ES 2		2 Light greyish brown sandy subangular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone and siltstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to well rounded of mixed lithologies including sandstone and siltstone. (VO = 0,0)		0.50		
2.50	ES 3				(3.50)		
3.50	ES 4						
			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)		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 426.4824/03/2015 08:39:26 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC71 Sheet 1 of 1		

Trial Pit Log

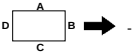
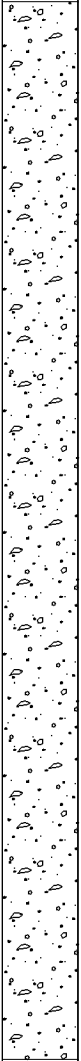
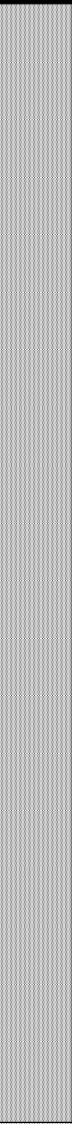


Logged SP Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Light orangish brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of siltstone and sandstone. Occasional rootlets. (VO = 0,0)	0.50 (0.50)			
1.50	ES 2		2 Dark greyish brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of mixed lithologies including sandstone and siltstone. (VO = 0,0)	3.00 (3.00)			
2.50	ES 3						
3.50	ES 4		3 Light orangish brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of mixed lithologies including siltstone. (VO = 0,0)	3.50 (1.00)			
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50			
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 426.4824/03/2015 08:39:30 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC72 Sheet 1 of 1		

Scale 1:25

Trial Pit Log



Logged AW Checked AP		Start 14/11/2014 End 14/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.7m Unable to progress beyond cobbles.	Dimensions and Orientation Width 1.30 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 (TOPSOIL) Brown silty, fine to coarse SAND with frequent roots. (VO = 0,0)	0.20			
1.50	ES 2		2 Brown slightly silty gravelly, fine to coarse SAND with high cobble content. Cobbles are angular to subangular of sandstone. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(3.50)			
2.50	ES 3						
3.50	ES 4						
			EXPLORATORY HOLE ENDS AT 3.70 m	3.70			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Dry,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 NSC74 Sheet 1 of 1		



Trial Pit Log



Logged SP Checked AP		Start 17/11/2014 End 17/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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 Light brownish orange gravelly slightly clayey, fine to coarse SAND. Gravel is subangular to well rounded of mixed lithologies including sanstone and siltstone. (VO = 0,0)		(0.50)		
			2 Light greyish brown sandy angular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone, siltstone with low cobble and boulder content. Sand is fine to coarse. Cobbles are subangular to well rounded of mixed lithologies including sandstone and siltstone. Boulders are subangular to well rounded of sandstone and occasional siltstone. (VO = 0,0)		0.50		
					(3.50)		
			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) 0.00 4.00 No Samples Obtained.		Stability Stable Shoring None Weather Light rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:39:46 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC75 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 17/11/2014 End 17/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 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 Dark brownish orange gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of sandstone and occasional siltstone. Occasional rootlets. (VO = 0,0)			(0.50)		
1.50	ES 2		2 Dark greyish brown sandy angular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone and siltstone. Cobbles are angular to well rounded of mixed lithologies including sandstone and siltstone. (VO = 0,0)			0.50		
2.50	ES 3					(3.50)		
3.50	ES 4							
			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)			Stability Stable Shoring None Weather Light rain.		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:39:49 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC76 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 17/11/2014 End 17/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.		Dimensions and Orientation Width 1.50 m Length 3.00 m 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 Light orangish brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of mixed lithologies including sandstone and siltstone. Occasional rootlets. (VO = 0,0)			(0.75)		
			2 Dark greyish brown sandy subangular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone and siltstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to well rounded of mixed lithologies including sandstone and occasional siltstone. Occasional rootlets. (VO = 0,0)			0.75		
						(3.25)		
			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) 0.00 No Samples Obtained.			Stability Stable Shoring None Weather Light rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4824/03/2015 08:39:55 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC77 Sheet 1 of 1		

Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:39:58 

Logged NK Checked AP	Start 18/11/2014 End 18/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.1m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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
0.50	ES 1		1 Light brown slightly sandy slightly gravelly SILT. Sand is fine to medium. Gravel is subrounded to rounded, fine to medium of sandstone. Frequent rootlets. (VO = 0,0)	0.50	
1.50	ES 2		2 Brown sandy gravelly SILT with high cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and shale. Cobbles are subangular to subrounded, occasionally tabular fine to coarse of sandstone. Rare gravel sized pockets of orange and grey medium sand. (VO = 0,0)	(1.60)	
			EXPLORATORY HOLE ENDS AT 2.10 m	2.10	
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 (c) ESG www.esg.co.uk 426.4824/03/2015 08.40:02 			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSC79 Sheet 1 of 1	

Trial Pit Log



Logged NK Checked AP		Start 18/11/2014 End 18/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 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 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, fine to medium of sandstone. Occasional rootlets. (VO = 0,0)	(0.70)				
1.50	ES 2		2 Brown sandy gravelly SILT with medium cobble content. Sand if fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and shale. Cobbles are subangular to subrounded, occasionally tabular fine to coarse of sandstone. (VO = 0,0)	0.70 (1.70)				
			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 Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:40:05			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC80 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on apparent bedrock.	Dimensions and Orientation Width 1.00 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 Brown silty gravelly SAND with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Occasional cobble sized pockets of orangish brown silt. Occasional rootlets. (VO = 0,0)		(1.30)		
1.50	ES 2		2 Brown gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)		1.30 (0.70)		
			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 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 426.4824/03/2015 08:40:09 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC81 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 18/11/2014 End 18/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated due to water ingress.		Dimensions and Orientation Width 1.50 m Length 3.00 m 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 brown gravelly clayey, fine to coarse SAND with occasional cobbles. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone. Cobbles are subangular to well rounded of sandstone. Occasional rootlets. (VO = 0,0)			(1.00)		
1.50	ES 2		2 Greyish brown sandy subangular to well rounded, fine to coarse GRAVEL with low cobble content. Sand is fine to coarse. Cobbles are subangular to well rounded of mixed lithologies including sandstone and siltstone. (VO = 0,0)			1.00		
2.50	ES 3					(3.50)		
3.50	ES 4							
			EXPLORATORY HOLE ENDS AT 4.50 m			4.50		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.50 Water ingress.			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 426.4824/03/2015 08:40:12 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC82 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 18/11/2014 End 18/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.5m Terminated due to collapse.	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	
0.50	ES 1		1 Dark brown mottled orange clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of sandstone. Moderate rootlets. (VO = 0,0)	(0.50)			
			2 Dark brown clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of sandstone and occasional siltstone. (VO = 0,0)	(1.00)			
1.50	ES 2		3 Light brownish orange clayey, fine to coarse SAND. (VO = 0,0)	(1.00)			
			4 Dark brown gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of mixed lithologies including sandstone and siltstone. (VO = 0,0)	(1.00)			
2.50	ES 3						
3.50	ES 4						
			EXPLORATORY HOLE ENDS AT 3.50 m	3.50			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.50 Water ingress			Depth Related Remarks * From to (m)		Stability Unstable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4824/03/2015 08:40:15 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC83 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 18/11/2014 End 18/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated at maximum reach of excavator.		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
0.50	ES 1		1 Dark blackish brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone. Moderate rootlets. (VO = 0,0)			(0.50)		
			2 Light brown clayey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of sandstone and occasional siltstone. Cobbles are subangular to well rounded of sandstone. (VO = 0,0)			0.50 (1.00)		
1.50	ES 2		3 Dark greyish brown sandy angular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone and siltstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to well rounded of mixed lithologies including sandstone and siltstone. (VO = 0,0)			1.50		
2.50	ES 3					(3.00)		
3.50	ES 4							
4.50	ES 5		EXPLORATORY HOLE ENDS AT 4.50 m			4.50		
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. (c) ESG www.esg.co.uk 426.4824/03/2015 08:40:18 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC85 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 18/11/2014 End 18/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 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 blackish brown clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of sandstone. Moderate rootlets. (VO = 0,0)		(0.50)		
1.50	ES 2		2 Greyish brown sandy subangular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone and siltstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to well rounded of mixed lithologies including sandstone and siltstone. (VO = 0,0)		0.50		
2.50	ES 3				(3.50)		
3.50	ES 4						
			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)		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 426.4824/03/2015 08:40:21 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC86 Sheet 1 of 1		

Logged NK Checked AP	Start 19/11/2014 End 19/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.1m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 4.50 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 mottled light brown slightly sandy gravelly SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone and shale. Cobbles are subangular to subrounded of sandstone. Occasional rootlets. (VO = 0,0)	(0.90)		
1.50	ES 2		2 Brown silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	0.90		
2.50	ES 3			(2.20)		
			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 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 426.4824/03/2015 08:40:24 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC87 Sheet 1 of 1	

Logged Nk Checked AP	Start 18/11/2014 End 18/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 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 Light brown sandy slightly 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, fine to coarse of sandstone. Occasional rootlets. (VO = 0,0)	0.60		
1.50	ES 2		2 Brown sandy gravelly SILT with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 0,0)	(2.80)		
2.50	ES 3					
			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 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 426.4824/03/2015 08.40.27 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC88 Sheet 1 of 1	

Trial Pit Log



Logged NK Checked AP		Start 18/11/2014 End 18/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 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 Light brown slightly sandy slightly gravelly SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Frequent rootlets. (VO = 0,0)		(0.70)		
1.50	ES 2		2 Brown sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone and shale. Cobbles are subangular to subrounded, occasionally tabular of sandstone. (VO = 0,0)		0.70 (1.30)		
			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 Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:40:30 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC89 Sheet 1 of 1		

Trial Pit Log



Logged SP Checked AP		Start 17/11/2014 End 17/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 3.00 m 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 brown mottled orange gravelly clayey, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of sandstone and occasional siltstone. Occasional rootlets. (VO = 0,0)	(1.00)			
1.50	ES 2		2 Dark greyish brown very gravelly, fine to coarse SAND with medium cobble content. Gravel is angular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of sandstone and occasional siltstone. (VO = 0,0)	1.00			
2.50	ES 3			(3.00)			
3.50	ES 4						
			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 Stable Shoring None Weather Light rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4824/03/2015 08:40:33 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC90 Sheet 1 of 1		

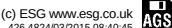
Trial Pit Log



Logged SP Checked AP		Start 17/11/2014 End 17/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m 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 Light brown gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of sandstone and occasional siltstone. Occasional rootlets. (VO = 0,0)	(0.75)			
1.50	ES 2		2 Dark greyish brown sandy angular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone and siltstone with medium cobble content. Sand is fine to coarse. Cobbles are angular to well rounded of sandstone and occasional siltstone. (VO = 0,0)	0.75			
2.50	ES 3			(2.75)			
3.50	ES 4		3 Brownish orange sandy angular to well rounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. (VO = 0,0)	3.50			
				(1.00)			
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50			
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 426.4824/03/2015 08:40:36			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSC91 Sheet 1 of 1			

Logged NK Checked AP	Start 18/11/2014 End 18/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.1m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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 Light brown mottled dark brown sandy gravelly SILT with low cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone and shale. Cobbles are subangular to subrounded, fine to coarse of sandstone. Frequent gravel sized pockets of orange and grey medium sand. Occasional rootlets. (VO = 0,0)	(1.30)		
1.50	ES 2		2 Brown sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, occasionally tabular fine to coarse of sandstone. Occasional gravel sized pockets of orange and grey medium sand. (VO = 0,0)	1.30 (0.80)		
			EXPLORATORY HOLE ENDS AT 2.10 m 2.10 m Bedrock	2.10		
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 (c) ESG www.esg.co.uk 426.4824/03/2015 08:40:39 ESG			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC92 Sheet 1 of 1	

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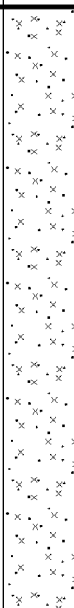
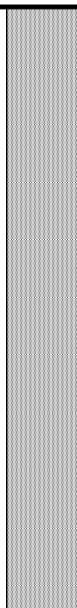
Logged SP	Start 17/11/2014	Equipment, Methods and Remarks	Dimensions and Orientation	Ground Level		
Checked AP	End 17/11/2014	Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Width 1.30 m Length 3.00 m 	Coordinates - National Grid - Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Light brownish orange gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to well rounded of mixed lithologies including sandstone and siltstone. Occasional rootlets. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Dark greyish brown sandy angular to subrounded, fine to coarse GRAVEL of mixed lithologies including sandstone and siltstone with medium cobble and low boulder content. Sand is fine to coarse. Cobbles are angular to subrounded of mixed lithologies including sandstone and siltstone. Boulders are subrounded to rounded of sandstone. (VO = 0,0)	1.00 (1.00)		
2.50	ES 3		3 Light brown sandy subangular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone and siltstone with low cobble and boulder content. Sand is fine to coarse. Cobbles are subangular to well rounded of sandstone and siltstone. Boulders are subrounded to well rounded of sandstone. (VO = 0,0)	2.00 (2.00)		
3.50	ES 4					
			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 Stable Shoring None Weather Light rain	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC94 Sheet 1 of 1	

Trial Pit Log



Logged SP Checked AP		Start 17/11/2014 End 17/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m 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 brown gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subrounded to well rounded of mixed lithologies including sandstone and occasional siltstone. Moderate rootlets and branches. (VO = 0,0)		(0.75)		
1.50	ES 2		2 Dark greyish brown sandy angular to well rounded, fine to coarse GRAVEL of mixed lithologies including sandstone and occasional siltstone with medium cobble and low boulder content. Sand is fine to coarse. Cobbles are subangular to well rounded of mixed lithologies including sandstone and siltstone. Boulders are subangular to subrounded of sandstone and occasional siltstone. (VO = 0,0)		0.75		
2.50	ES 3				(3.25)		
3.50	ES 4						
			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)		Stability Stable Shoring None Weather Rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4824/03/2015 08:40:48 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC95 Sheet 1 of 1		

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Logged SP Checked AP	Start 28/11/2014 End 28/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated due to collapse.	Dimensions and Orientation Width 1.30 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
0.50	ES 1		1 Soft locally firm grey mottled brown sandy SILT. Sand is fine to coarse. Moderate rootlets. (VO = 0,0)	(2.00)		
1.50	ES 2					
			EXPLORATORY HOLE ENDS AT 2.00 m	2.00		
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 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. ESG www.esg.co.uk 426.4824/03/2015 08:40:57			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSC97A Sheet 1 of 1	

Trial Pit Log



Logged NK Checked AP		Start 14/11/2014 End 14/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 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 brown slightly 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, fine to coarse of sandstone. Occasional rootlets. (VO = 0,0)			(0.80)		
1.50	ES 2		2 Brown slightly silty gravelly SAND with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded occasionally tabular, fine to coarse of sandstone. (VO = 0,0)			0.80 (1.60)		
			EXPLORATORY HOLE ENDS AT 2.40 m			2.40		
			2.40 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 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 426.4824/03/2015 08:40:59			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSC98 Sheet 1 of 1		

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Trial Pit Log

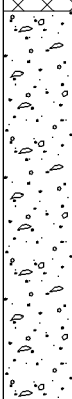


Logged AW Checked AP		Start 30/10/2014 End 30/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.7m	Dimensions and Orientation Width 1.30 m Length 6.00 m A B C D →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Grey and dark grey slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 4,3), 0.50-1.00 m Oozing viscous black liquid and from pipe.			(2.70)		
1.50	ES 2							
2.50	ES 3							
			EXPLORATORY HOLE ENDS AT 2.70 m			2.70		
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 Dry, overcast, dark		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/01/2015 16:02:08			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW100 Sheet 1 of 1		

Logged SK Checked LL	Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.00m Terminated on bedrock.	Dimensions and Orientation Width 1.70 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
		*	1 Brown locally silty gravelly, fine to coarse SAND with low cobble and boulder content. Gravel is subangular to subrounded of sandstone. Cobbles and boulders are subangular to subrounded of sandstone. (VO = 0,0)	(2.20)		
			2 Light greyish brown occasionally stained grey gravelly slightly silty fine to coarse SAND with low cobble and boulder content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobles and boulders are angular to subrounded of sandstone. (VO = 1,0)	2.20 <		

Trial Pit Log

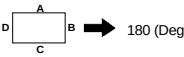
Logged SK Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.70m Terminated no progress past boulders.	Dimensions and Orientation Width 1.70 m Length 4.80 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples 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) Light brown frequently stained grey and occasionally dark grey gravelly, fine to coarse SAND with low to medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and occasional brick. Cobbles are subangular to subrounded of sandstone. (VO = 2,0)	(1.90)		
1.50	ES 2		1.50 m Silty locally very silty (VO = 2,0)	1.90		
2.50	ES 3		2 Light greyish brown occasionally stained grey slightly silty gravelly, fine to coarse (predominantly fine to medium) SAND with low coble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 1,0)	(2.80)		
4.00	ES 4		2.80 m Strong hydrocarbon odour. (VO = 1,4) 4.00 m With low to medium cobble content and low boulder content. Boulders are angular to subangular of sandstone. (VO = 1,5)	4.70		
			EXPLORATORY HOLE ENDS AT 4.70 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 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 426.4827/11/2014 15:09:29			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW1001 Sheet 1 of 1		

Logged SK Checked LL	Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.70m Terminated due to collapse	Dimensions and Orientation Width 2.40 m Length 4.90 m A B C 180 (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) Light orangish brown SAND and GRAVEL with medium cobble and low boulder content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of brick and sandstone. Boulders are angular to subangular of sandstone. (VO = 0,0)	(1.40)		
1.60	ES 2		2 Light greyish brown occasionally stained grey and dark grey gravelly slightly silty, 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. Overwhelming hydrocarbon odour. (VO = 1,3)	1.40 (1.30)		
2.50	ES 3					
			EXPLORATORY HOLE ENDS AT 2.70 m	2.70		
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 Collapse from GL 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 426.4827/11/2014 15:09:31			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW1002 Sheet 1 of 1		

Trial Pit Log

Logged SK Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.40m Terminated no progress past boulders.	Dimensions and Orientation Width 1.80 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
		*	1 (MADE GROUND) Brown gravelly slightly silty, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone and brick. (VO = 0,0)	0.10 m With low cobble content. Cobbles are angular to subrounded of sandstone, brick and concrete. (VO = 0,0)	(1.20)	
			2 Light brownish grey frequently stained grey and dark grey gravelly silty locally silty fine to medium SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 2,3)	1.20	(0.40)	
			3 Light greyish brown occasionally stained grey gravelly slightly silty fine to coarse (predominantly fine to medium) SAND with low cobble content. Gravel is angular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Sand is fine to coarse. Strong hydrocarbon odour. (VO = 1,4)	1.60	(1.80)	
			EXPLORATORY HOLE ENDS AT 3.40 m	3.20 m With low boulder content. Boulders are angular to subangular of sandstone.	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) 0.00 3.40 No Samples Obtained	Stability Unstable 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 NSW1003 Sheet 1 of 1		

Trial Pit Log

Logged SK Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.70m Terminated on bedrock.	Dimensions and Orientation Width 1.70 m Length 4.40 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 frequently stained grey and dark grey gravelly slightly silty fine to coarse SAND. Gravel is angular to subrounded of sandstone, brick and concrete. Strong hydrocarbon odour. (VO = 2,3)	0.30 m With low cobble content. Cobbles are subangular to subrounded of sandstone. (VO = 2,3) 0.50 m Very silty (VO = 2,3)	(1.20)	
1.50	ES 2		2 Light greyish brown occasionally stained grey and dark grey gravelly slightly silty fine to coarse SAND with low cobble content. Cobbles are subangular to subrounded of sandstone. Hydrocarbon odour. (VO = 1,5)		(1.50)	
2.50	ES 3			2.40 m With low to medium cobble and low boulder content. Gravel and cobbles are angular to subangular. Boulders are angular to subangular of sandstone. (VO = 1,5)	2.70	
			EXPLORATORY HOLE ENDS AT 2.70 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 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 NSW1004 Sheet 1 of 1		

Trial Pit Log

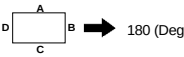
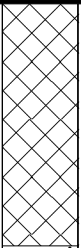


Logged SK Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Terminated no progress past boulders.	Dimensions and Orientation Width 1.70 m Length 4.60 m A B C 180 (Deg)		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Light brown frequently stained grey and dark grey gravelly silty, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone and occasional brick. Cobbles are subangular to subrounded of sandstone. Plastic and rag noted. Distinct hydrocarbon odour. (VO = 2,2)	(1.10)			
1.50	ES 2		2 Light greyish brown occasionally stained grey gravelly slightly silty, 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. Strong hydrocarbon odour. (VO = 1,4)	1.10			
3.00	ES 3			(3.40)			
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.00 Slight seepage - oily sheen on surface.			Depth Related Remarks * From to (m)		Stability Slight collapse below 4.00m 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 426.4825/11/2014 15:19:10 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW1005 Sheet 1 of 1		

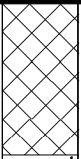
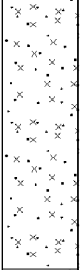
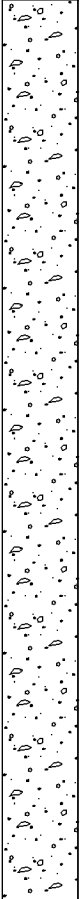
Trial Pit Log

Logged SK Checked LL	Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.80m Terminated due to no progress through boulders.	Dimensions and Orientation Width 1.70 m Length 4.90 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 Brown clayey SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)			
1.00	ES 2		0.50 m Frequently stained grey and dark grey. Distinct hydrocarbon odour. (VO = 2,2)	(1.30)		
			2 Light greyish brown frequently stained grey gravelly to very gravelly slightly silty fine to coarse (predominantly fine to medium) SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 2,4)	1.30		
2.50	ES 3			(3.50)		
4.00	ES 4		4.00 m Gravelly with low to medium cobble content and low boulder content. Gravel is angular to subangular. Cobbles are angular to subangular. Boulders are angular to subangular of sandstone. (VO = 2,4)	4.80		
			EXPLORATORY HOLE ENDS AT 4.80 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 Overcast, slightly 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 NSW1006 Sheet 1 of 1		

Trial Pit Log

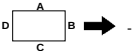
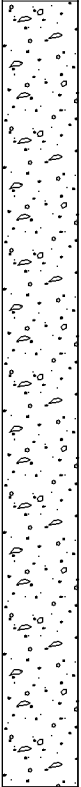
Logged SK Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.80m Terminated no progress past boulders and rock.	Dimensions and Orientation Width 1.70 m Length 4.80 m 	Ground Level - Coordinates - National Grid - Chainage -	
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) Light brown frequently stained grey and dark grey gravelly, fine to coarse SAND with low to medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone, brick, clinker and concrete. Metal wire, plastic, wood and rag noted. Faint hydrocarbon odour. (VO = 2,1)	(0.80)		
2.00	ES 2		2 Light greyish brown slightly silty gravelly, fine to coarse (predominantly fine to medium) SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 1,4)	0.80		
3.00	ES 3			(4.00)		
4.00	ES 4		4.00 m Gravelly with low to 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 = 1,4)	4.80		
			EXPLORATORY HOLE ENDS AT 4.80 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 Overcast, slightly		
Notes: For explanation of 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 NSW1007 Sheet 1 of 1		

Trial Pit Log

Logged SK Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.40m Terminated no progress past boulders.	Dimensions and Orientation Width 1.70 m Length 4.40 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.40	ES 1		1 (MADE GROUND) Dark grey and light brown occasionally stained grey sandy angular to subrounded, fine to coarse GRAVEL of cinder, shale, coal and sandstone with low cobble content. Cobbles are angular to subrounded of brick and sandstone. Faint hydrocarbon odour. (VO = 1,1)	(0.50)		
1.00	ES 2		2 Light greyish brown sandy SILT. Sand is fine to coarse. (VO = 0,0)	(0.90)		
2.50	ES 3		3 Light greyish brown gravelly slightly silty fine to coarse (predominantly fine to medium) SAND with low cobble content. Gravel is subangular to subrounded of sandstone. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 1,4)	1.40 (3.00)		
3.50	ES 4			4.40		
			EXPLORATORY HOLE ENDS AT 4.40 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, slightly		
Notes: For explanation of 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 NSW1008 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP	Start 30/10/2014 End 30/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.6m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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 (TOPSOIL) Light brown slightly silty fine to coarse SAND with frequent roots and rootlets. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Grey slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,2)	1.00		
2.50	ES 3			(2.60)		
3.50	ES 4			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) 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 426.4823/01/2015 11:56:48 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW101 Sheet 1 of 1	

Logged KH Checked LL	Start 15/09/2014 End 15/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.9m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 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
0.50	ES 1		1 (MADE GROUND) Black slightly 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 concrete and sandstone. Frequent rootlets. (VO = 0,1)	0.20 (0.50)		
			2 Brown slightly gravelly fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 0,1)	0.70		
1.50	ES 2					
2.50	ES 3					
3.50	ES 4					
4.50	ES 5					
				4.90		
			EXPLORATORY HOLE ENDS AT 4.90 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. Scale 1:25 (c) ESG www.esg.co.uk 426.4825/11/2014 15:19:21			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW1014 Sheet 1 of 1		

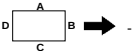
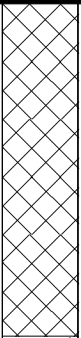
Trial Pit Log

Logged KH Checked LL		Start 15/09/2014 End 15/09/2014	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 	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 grey mottled brown slightly gravelly clayey fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. Abundance of greyish black organic material, rare wood fragments. (VO = 0,0)	(1.20)		
1.50	ES 2		2 Grey to brownish grey gravelly slightly clayey fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,3)	1.20		
2.50	ES 3					
3.50	ES 4			(3.65)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.85 m	4.85		
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 NSW1016 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 15/09/2014 End 15/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.8m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 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) Soft dark grey mottled brown slightly gravelly slightly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. Abundant pocket medium gravel sized of black organic material. Rare plastic sheeting and wood fragments. (VO = 0,0)	(1.10)		
1.50	ES 2		2 Grey sandy locally clayey angular to subrounded fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are angular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. (VO=2,3)	1.10		
2.50	ES 3					
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 4.80 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 NSW1017 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL	Start 15/09/2014 End 15/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.82m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 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 (MADE GROUND) Dark grey mottled brown slightly clayey gravelly SAND. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of concrete and sandstone. Rare plastic and wood fragments. (VO = 0,1)	(1.10)		
1.50	ES 2		2 Brownish grey gravelly slightly silty SAND with low cobble content. Gravel is angular to rounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=2,3)	1.10		
2.50	ES 3		2.00-4.82 m Grey colour.	(3.72)		
3.50	ES 4		3.20-4.82 m Frequent boulders of angular to subangular sandstone.			
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.82 m	4.82		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.65 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 426.4825/11/2014 15:19:31 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW1018 Sheet 1 of 1	

Trial Pit Log



Logged KH Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.9m Terminated at maximum reach of excavator		Dimensions and Orientation Width 0.90 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	
0.50	ES 1		1 (MADE GROUND) Brown to orangish brown sandy angular to subrounded fine to coarse GRAVEL of sandstone, brick and concrete with low cobble content. Sand is fine to coarse. Cobbles are angular to subangular of concrete and brick. Frequent rootlets and gravel sized organic pockets. (VO = 0,0)			0.00-0.60 m Fine to medium gravelly sand.	(1.10)		
1.50	ES 2		2 Grey slightly silty gravelly fine to coarse SAND with low cobble content. Gravel and cobbles are angular to subrounded, fine to coarse of sandstone. (VO = 1,2)			1.10-1.40 m Slightly clayey.	1.10		
2.50	ES 3						(3.80)		
3.50	ES 4								
4.50	ES 5					4.12-4.90 m Sandy gravel with high cobble content.			
EXPLORATORY HOLE ENDS AT 4.90 m						4.90			
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.50 Seepages			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Cloud,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 426.4825/11/2014 15:19:35 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW1019 Sheet 1 of 1			

Trial Pit Log

Logged AW Checked AP	Start 30/10/2014 End 30/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.5m Terminated due to collapse.	Dimensions and Orientation Width 1.30 m Length 6.00 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 (TOPSOIL) Brown slightly silty fine to coarse SAND with frequent roots. (VO = 0,0)	(0.50)		
1.50	ES 2		2 Brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	0.50 (1.50)		
2.50	ES 3		3 Grey slightly silty SAND and GRAVEL with high 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 = 1,2),	2.00 (1.50)		
3.50	ES 4		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 Collapsed to 2.70m 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 426.4823/01/2015 11:56:56			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW102 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 15/09/2014 End 15/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.9m	Dimensions and Orientation Width 0.90 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) Brown slightly gravelly slightly clayey fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone and brick. Occasional root fragments and pockets of grey clay material. (VO = 0,1)	(1.40)		
1.50	ES 2		2 Grey sandy 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. (VO = 2,3)	1.40		
2.50	ES 3			(3.50)		
3.50	ES 4					
4.50	ES 5		4.00-4.90 m Rare boulders of angular to subangular sandstone.			
EXPLORATORY HOLE ENDS AT 4.90 m				4.90		
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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW1020 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 15/09/2014 End 15/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.65m Terminated at maximum reach of excavator	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	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown 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. 1no boulder of subrounded sandstone. Frequent rootlets. (VO = 0,1) 2 Grey sandy locally clayey subangular to subrounded fine to coarse GRAVEL of sandstone with medium cobble content and low boulder content. Sand is fine to coarse. Cobbles and boulders are angular to subangular of sandstone. (VO = 1,2)	0.30		
1.50	ES 2					
2.50	ES 3			(4.35)		
3.50	ES 4					
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.65 m	4.65		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.50 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 NSW1021 Sheet 1 of 1		

Trial Pit Log

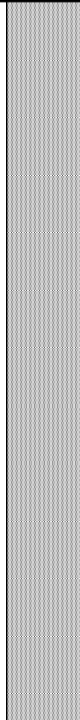
PRELIMINARY

Logged KH Checked		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.72m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 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 Greyish brown mottled black gravelly SAND with low cobble content. Sand is fine to coarse. Gravel and cobbles are angular to subrounded, fine to coarse of sandstone. Frequent coarse gravel sized pockets of black organic material. Frequent rootlets. (VO = 0,1)	(1.43)			
1.50	ES 2		2 Greyish brown sandy slightly silty angular to subrounded fine to coarse GRAVEL of sandstone with medium cobble and low boulder content. Sand is fine to medium. Cobbles and boulders are angular to subrounded of sandstone. (VO = 0,1)	1.43			
2.50	ES 3						
3.50	ES 4			(3.29)			
4.50	ES 5						
			EXPLORATORY HOLE ENDS AT 4.72 m	4.72			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.25 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 NSW1022 Sheet 1 of 1			

Trial Pit Log



Logged KH Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.8m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 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) Brown gravelly SAND with low cobble content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of concrete and sandstone. Rare rootlets. (VO = 0,1) 0.90-1.40 m Locally clayey			(1.40)		
1.50	ES 2		2 Grey sandy GRAVEL with high cobble content and low boulder content. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. Cobbles and boulders are angular to subrounded of sandstone. Rare wood fragments. (VO = 0,2)			1.40		
2.50	ES 3							
3.50	ES 4					(3.40)		
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 4.60 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 426.4825/11/2014 15:19:47 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW1023 Sheet 1 of 1		

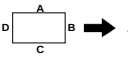
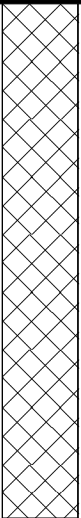
Logged AW Checked AJ		Start 28/10/2014 End 28/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated due to collapse.		Dimensions and Orientation Width 1.30 m Length 6.00 m A D B C ➔ -		Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description				Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Orangish brown slightly clayey gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)				(2.40)		
1.50	ES 2								
			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 Unstable Shoring None Weather Dry,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 426.4805/02/2015 09:16:39 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited				Trial Pit NSW103 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked LL		Start 15/09/2014 End 15/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.73m Unable to progress through cobbles and boulders.	Dimensions and Orientation Width 0.90 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) Brown slightly gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone and brick. Cobbles are angular to subangular of sandstone. Rare rootlets. (VO = 0,0) 2 Grey locally clayey sandy angular to subrounded, fine to coarse GRAVEL of sandstone with high cobble and medium boulder content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Boulders are angular to subrounded of sandstone. (VO = 2,2) 1.00-1.70 m Frequent greyish black organic material.			0.15		
			EXPLORATORY HOLE ENDS AT 4.73 m			4.73		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.00 Seepage 2 4.00 Seepage			Depth Related Remarks * From to (m)			Stability Slightly 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 426.4827/11/2014 15:09:35			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW1035 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.82m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 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 gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of concrete and sandstone. Cobbles are angular to subrounded of sandstone. Rare rootlets. Occasional pockets of gravel sized (fine to medium) black organic material. (VO = 0,1)	(1.70)		
1.50	ES 2			1.70		
2.50	ES 3		2 Grey mottled brown sandy slightly silty subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 1,2)	(3.12)		
3.50	ES 4					
4.50	ES 5					
EXPLORATORY HOLE ENDS AT 4.82 m				4.82		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.65 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 NSW1036 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.73m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 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) Dark brown slightly gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone and concrete. Cobbles are angular to subangular of sandstone. (VO = 0,0) 0.30-1.15 m Abundant organic material.	(1.15)		
1.50	ES 2		2 Grey sandy slightly silty angular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. (VO = 1,2)	1.15		
2.50	ES 3			(3.58)		
3.50	ES 4					
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.73 m	4.73		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.50 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 NSW1037 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.63m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 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	
0.50	ES 1		1 Brown gravelly, fine to coarse SAND with low cobble content. Gravel and cobbles are subangular to subrounded, fine to coarse of sandstone. Frequent rootlets. (VO = 0,0)		0.30			
1.50	ES 2		2 Grey slightly silty sandy angular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. Rare cobble sized pockets of stiff clay. (VO = 0,1)					
2.50	ES 3				(4.33)			
3.50	ES 4							
4.50	ES 5							
			EXPLORATORY HOLE ENDS AT 4.63 m		4.63			
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.15 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 426.4827/11/2014 15:09:42 AGS			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW1038 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.63m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 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) Brown to dark brown gravelly, fine to coarse SAND with low cobble content. Gravel and cobbles are angular to subrounded, fine to coarse of sandstone and concrete. Frequent rootlets. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Grey to brownish grey gravelly slightly silty, 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. (VO = 1,2)	1.00		
2.50	ES 3					
3.50	ES 4			(3.63)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.63 m	4.63		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.00 Seepage			Depth Related Remarks * From to (m)	Stability Medium Shoring None Weather Cloudy,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 NSW1039 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AJ		Start 24/10/2014 End 24/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 Brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)			(2.00)		
1.50	ES 2							
2.50	ES 3		2 Orangish brown becoming grey from 3.00m, slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone (VO = 1,1)			2.00		
3.50	ES 4					(2.00)		
			EXPLORATORY HOLE ENDS AT 4.00 m 4.00 m Sandstone bedrock.			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 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 426.4805/02/2015 09:16:44			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW104 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.72m Terminated at maximum reach of excavator	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	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown to dark brown slightly gravelly slightly silty, fine to coarse SAND with low cobble content. Gravel and cobbles are subangular to subrounded, fine to coarse of sandstone. (VO = 0,1)	(2.10)		
1.50	ES 2					
2.50	ES 3		2 Grey sandy slightly silty GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. (VO = 1,2)	2.10 (1.90)		
3.50	ES 4					
4.50	ES 5		3 Brownish grey gravelly slightly silty, fine to coarse SAND. Gravel is angular to rounded, fine to coarse of sandstone. (VO = 0,1)	4.00 (0.72)		
			EXPLORATORY HOLE ENDS AT 4.72 m	4.72		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.12 Seepage			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy,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 NSW1040 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 11/09/2014 End 11/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.70m. Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 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	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown to grey gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of concrete and sandstone. Cobbles are subrounded to rounded of sandstone. (VO = 0,1)	(0.80)		
			2 Soft to firm brown to orangish brown slightly gravelly CLAY. Gravel is subangular to subrounded of sandstone. (VO = 0,1)	0.80 (0.40)		
1.50	ES 2		3 Grey slightly silty gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded of sandstone, fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 1,2)	1.20		
2.50	ES 3					
3.50	ES 4			(3.50)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.70 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)	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 NSW1041 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.82m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 m Length 4.10 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) Dark grey to black slightly gravelly clayey fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of concrete and sandstone. Abundant medium gravel sized pockets of organic material. (VO = 0,0)	(0.50)		
			2 Brown slightly gravelly slightly clayey fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(0.50)		
1.50	ES 2		3 Brownish grey to grey gravelly slightly silty fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 1,2)	1.00		
2.50	ES 3			(3.82)		
3.50	ES 4					
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.82 m	4.82		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.20 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 426.4819/12/2014 11:39:21			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW1042 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 12/09/2014 End 12/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.8m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 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	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly silty slightly clayey slightly gravelly fine to coarse SAND. Gravel is fine to coarse angular to subrounded of concrete and sandstone. Rare plastic fragments and rootlets. (VO = 0,0)	(1.20)		
1.50	ES 2		2 Grey slightly silty gravelly fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 1,2)	1.20		
2.50	ES 3			(2.80)		
3.50	ES 4		3 Greyish brown slightly clayey slightly sandy subangular to subrounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 0,1)	3.00-4.00 m Frequent black organic gravel pockets.		
4.50	ES 5			4.00		
			EXPLORATORY HOLE ENDS AT 4.80 m	4.80		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.10 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 NSW1043 Sheet 1 of 1		

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Trial Pit Log



Logged KH Checked LL		Start 11/09/2014 End 11/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.9m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 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	
0.50	ES 1		1 (MADE GROUND) Brown slightly clayey gravelly, fine to coarse SAND with low cobble content. Gravel is angular to rounded, fine to coarse of concrete and sandstone. Cobbles are subangular to rounded of sandstone. Frequent rootlets. (VO = 0,1) 0.30-0.70 m Black organic matter.		(1.05)			
1.50	ES 2		2 Grey slightly silty gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,3)		1.05			
2.50	ES 3							
3.50	ES 4				(3.85)			
4.50	ES 5							
			EXPLORATORY HOLE ENDS AT 4.90 m		4.90			
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 426.4827/11/2014 15:09:51			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW1050 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 11/09/2014 End 11/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.8m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 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	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown gravelly, fine to coarse SAND. Gravel is angular to rounded, fine to coarse of concrete. (VO = 0,0)	(0.40)		
			2 (MADE GROUND) Firm grey mottled brown slightly gravelly CLAY. Gravel is angular to subrounded, fine to coarse of sandstone and concrete. (VO = 0,1)	(0.60)		
1.50	ES 2		3 Grey gravelly slightly clayey, 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. (VO = 1,3)	1.00		
2.50	ES 3			(3.00)		
3.50	ES 4					
4.50	ES 5		4 Brownish grey clayey subangular to subrounded, fine to coarse GRAVEL of sandstone. Rare boulders of subangular sandstone. (VO = 0,2)	4.00		
				(0.80)		
			EXPLORATORY HOLE ENDS AT 4.80 m	4.80		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 4.00 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 NSW1051 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 11/09/2014 End 11/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.9m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 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	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark grey to brown gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of concrete. (VO = 0,0) 2 Firm brown slightly gravelly silty CLAY. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 0,1)	(0.30) 0.30 (0.50)		
1.50	ES 2		3 Grey gravelly slightly silty, 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. (VO = 1,2)	0.80		
2.50	ES 3					
3.50	ES 4			(4.10) 3.00-4.90 m Sandy GRAVEL, mottled brown.		
4.50	ES 5					
EXPLORATORY HOLE ENDS AT 4.90 m				4.90		
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		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4819/12/2014 11:39:37			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW1052 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 10/09/2014 End 10/09/2014	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 0.90 m Length 4.10 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 and greyish brown gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of concrete and sandstone. Cobbles are subangular to subrounded of concrete. Rare rootlets. (VO = 0,0)	0.30		
1.50	ES 2		2 Grey slightly silty sandy angular to subrounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 1,1)			
2.50	ES 3			(4.50)		
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 4.80 Seepage at base			Depth Related Remarks * From to (m)	Stability Moderate 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 NSW1053 Sheet 1 of 1		

Trial Pit Log

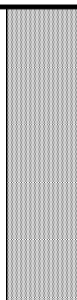
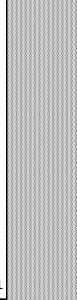
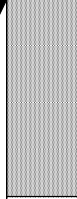
Logged KH Checked LL		Start 11/09/2014 End 11/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.7m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 m Length 4.10 m 	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Brown sandy subangular to subrounded, fine to coarse GRAVEL of concrete with low cobble content. Sand is fine to coarse. Cobbles are angular to subangular of concrete. Frequent rootlets. (VO = 0,0)	(1.10)			
1.50	ES 2		2 Grey sandy slightly clayey angular to rounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. (VO = 1,2)	1.10			
2.50	ES 3						
3.50	ES 4						
4.50	ES 5						
			EXPLORATORY HOLE ENDS AT 4.70 m	4.70			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.00 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 NSW1054 Sheet 1 of 1			

Trial Pit Log

Logged KH Checked LL		Start 11/09/2014 End 11/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.70m. Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 m Length 3.80 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 gravelly, fine to coarse SAND with low cobble and boulder content. Gravel is angular to subrounded, fine to coarse of concrete. Cobbles and boulders are angular to subangular of concrete. Frequent rootlets. (VO = 0,0)	0.30		
			2 (MADE GROUND) Soft to firm dark grey gravelly CLAY. Gravel is angular to subrounded, fine to coarse of concrete and sandstone. (VO = 0,1)	0.80		
1.50	ES 2		3 (MADE GROUND) Grey slightly silty sandy angular to subrounded, fine to coarse GRAVEL to sandstone and concrete with low cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. (VO = 1,2)	1.10		
2.50	ES 3					
3.50	ES 4			(3.60)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.70 m	4.70		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.00 Seepage (broken pipe).			Depth Related Remarks * From to (m)	Stability Stable/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 NSW1055 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 11/09/2014 End 11/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.72m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 m Length 3.90 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 gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of concrete. Cobbles are angular to subrounded of concrete. Frequent rootlets. (VO = 0,0)	0.30		
			2 Soft to firm dark grey mottled brown gravelly CLAY. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(0.70)		
1.50	ES 2		3 Grey slightly silty, locally clayey sandy angular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content and rare boulders. Sand is fine to coarse. Cobbles and boulders are angular to subangular of sandstone. (VO = 1,3)	1.00		
2.50	ES 3					
3.50	ES 4					
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.72 m	4.72		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.20 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. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW1056 Sheet 1 of 1		

Logged KH Checked LL	Start 10/09/2014 End 10/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.6m Terminated due to water and unstable pit.	Dimensions and Orientation Width 0.90 m Length 3.20 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
0.50	ES 1		1 (MADE GROUND) Brown slightly silty gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of concrete and sandstone. Frequent rootlets. (VO = 0,0)	(1.00)		
1.50	ES 2		2 (MADE GROUND) Grey locally clayey sandy angular to subrounded, fine to coarse GRAVEL of sandstone and concrete with low cobble content. Sand is fine to coarse. Cobbles are angular to rounded of sandstone and concrete. (VO = 1,2)	1.00 (1.60)		
2.50	ES 3			2.60		
			EXPLORATORY HOLE ENDS AT 2.60 m			
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 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 426.4827/11/2014 15:10:06			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW1057 Sheet 1 of 1	

Trial Pit Log

Logged AW Checked AJ	Start 24/10/2014 End 24/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.70m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.30 m Length 6.00 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 Greyish brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. Occasional roots. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Orangish brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(1.00)		
2.50	ES 3		3 Grey slightly silty gravelly fine to coarse SAND with high cobble content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 1,0) becoming (VO = 2,1) from 3.00m.	2.00		
3.50	ES 4			(2.70)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.70 m	4.70		
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 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 NSW106 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked LL		Start 10/09/2014 End 10/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.8m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 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	
0.50	ES 1		1 (MADE GROUND) Brown gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of concrete. Frequent rootlets. (VO = 0,0)		0.30 (0.30)			
1.50	ES 2		2 (MADE GROUND) Grey to dark grey slightly silty locally clayey gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone and concrete. Cobbles are subangular to subrounded of sandstone. (VO = 1,2)					
2.50	ES 3		1.00-2.00 m Gravelly sandy clay, black organic material frequent.					
3.50	ES 4				(4.50)			
4.50	ES 5		4.00-4.80 m Sandy GRAVEL.					
			EXPLORATORY HOLE ENDS AT 4.80 m		4.80			
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.10 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 426.4827/11/2014 15:10:09 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW1068 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 10/09/2014 End 10/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.70m. Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 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) Brown sandy angular to rounded, fine to coarse GRAVEL of concrete and sandstone with low cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of concrete and sandstone. Frequent rootlets.	(0.80)		
			2 Soft to firm grey mottled brown slightly gravelly CLAY. Gravel is subangular to subrounded, fine to coarse of sandstone.	0.80 (0.70)		
1.50	ES 2		3 Grey to brownish grey slightly clayey sandy angular to subrounded, fine to coarse GRAVEL of sandstone with low cobble and high cobble content. Sand is fine to coarse.	1.50		
2.50	ES 3					
3.50	ES 4			(3.20)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.70 m	4.70		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.50 Seepage			Depth Related Remarks * From to (m)	Stability Moderate 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 NSW1069 Sheet 1 of 1		

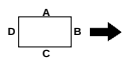
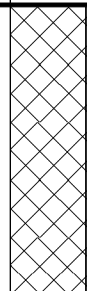
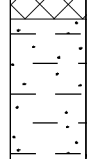
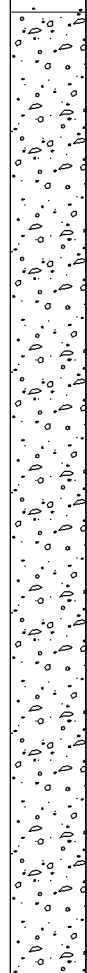
Trial Pit Log



Logged AW Checked AJ		Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.7m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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) Orangish brown slightly 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 to subrounded of sandstone. (VO = 0,1)	(1.00)				
1.50	ES 2		2 Grey slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,0) becoming (VO = 1,1) from 3.50m.	1.00				
2.50	ES 3							
3.50	ES 4			(3.70)				
4.50	ES 5							
			EXPLORATORY HOLE ENDS AT 4.70 m	4.70				
			4.70 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 Light rain			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4805/02/2015 09:16:52 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW107 Sheet 1 of 1			

Trial Pit Log

Logged KH Checked LL		Start 10/09/2014 End 10/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.6m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 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
0.50	ES 1		1 (MADE GROUND) Brown mottled grey sandy angular to subrounded, fine to coarse GRAVEL of concrete and sandstone with low cobble content. Sand is fine to coarse. Cobbles are angular to subangular of concrete. (VO = 0,0)	(1.20)		
1.50	ES 2		2 (MADE GROUND) Soft to firm greyish brown gravelly CLAY. Gravel is fine to coarse of concrete and sandstone. (VO = 0,0)	1.20 (0.40)		
2.50	ES 3		3 Grey, brown and black sandy slightly silty angular to subangular, fine to coarse GRAVEL of sandstone with low cobble and high cobble content. Sand is fine to coarse. Frequent black organic material. (VO = 1,2).	1.60		
3.50	ES 4			(3.00)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.60 m	4.60		
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 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 NSW1070 Sheet 1 of 1		

Logged KH Checked LL	Start 10/09/2014 End 10/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.7m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 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
0.50	ES 1		1 (MADE GROUND) Brown greyish brown sandy angular to subrounded, fine to coarse GRAVEL of concrete and sandstone with low cobble content. Sand is fine to coarse. Cobbles are angular to subangular of concrete. (VO = 0,1)	(1.00)	
1.50	ES 2		2 Soft to firm orangish brown slightly sandy CLAY. Sand is fine to coarse. (VO = 0,0)	1.00 (0.50)	
2.50	ES 3		3 Grey slightly silty sandy GRAVEL with low cobble content. 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)	1.50	
3.50	ES 4			(3.20)	
4.50	ES 5				
			EXPLORATORY HOLE ENDS AT 4.70 m	4.70	
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 Sunny	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW1071 Sheet 1 of 1	

Trial Pit Log



Logged KH Checked LL		Start 10/09/2014 End 10/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.9m Terminated at maximum reach of excavator.		Dimensions and Orientation Width 0.90 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
0.50	ES 1		1 (MADE GROUND) Brown gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of concrete and sandstone.							
1.50	ES 2		0.80-1.00 m Black organic material.					(2.00)		
2.50	ES 3		2 (MADE GROUND) Grey to brownish grey sandy slightly silty angular to subrounded, fine to coarse GRAVEL of concrete and sandstone. Sand is fine to coarse.					2.00		
3.50	ES 4		3.70-3.90 m Locally clayey					(2.80)		
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 3.90 Seepage			Depth Related Remarks * From to (m)					Stability Stable Shoring Nne 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 426.4827/11/2014 15:10:20 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited					Trial Pit NSW1072 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 11/09/2014 End 11/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.8m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.90 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 gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of concrete and sandstone. Cobbles are angular to subangular of concrete. Rare rootlets. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Grey to brownish grey slightly silty gravelly, fine to coarse SAND with low cobble content. Gravel are subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, fine to coarse of sandstone. (VO = 1,2)	1.00		
2.50	ES 3			(3.00)		
3.50	ES 4		3.00-4.00 m Locally sandy gravel.			
4.50	ES 5		3 Brown slightly gravelly, fine to medium SAND. Gravel is subangular to rounded, fine to coarse of sandstone. (VO = 0,1)	4.00		
				(0.80)		
			EXPLORATORY HOLE ENDS AT 4.80 m	4.80		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 4.00 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 NSW1073 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked LL		Start 11/09/2014 End 11/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.6m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.10 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	
0.50	ES 1		1 (MADE GROUND) Brown gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of concrete. (VO = 0,0)		0.20			
			2 (MADE GROUND) Soft grey silty gravelly CLAY. Gravel is angular to subrounded, fine to coarse of sandstone and concrete. (VO = 0,1)		(0.80)			
1.50	ES 2		3 Brownish grey sandy angular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. (VO = 1,2)		1.00			
2.50	ES 3				(3.60)			
3.50	ES 4							
4.50	ES 5		4.00-4.60 m Slightly clayey.					
			EXPLORATORY HOLE ENDS AT 4.60 m		4.60			
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.00 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 426.4827/11/2014 15:10:25 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW1074 Sheet 1 of 1		

Trial Pit Log

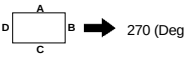
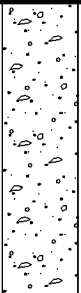
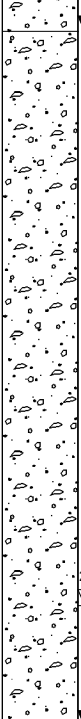


Logged AW Checked AJ		Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
0.50	ES 1		1 (MADE GROUND) Orangish 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 brick and sandstone. (VO = 1,1)	(1.00)				
1.50	ES 2		2 Grey slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,1)	1.00				
2.50	ES 3			(2.40)				
			EXPLORATORY HOLE ENDS AT 3.40 m	3.40				
			3.40 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 Light rain			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4805/02/2015 09:16:55 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW108 Sheet 1 of 1			

Trial Pit Log

Logged KH Checked LL		Start 11/09/2014 End 11/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.8m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.90 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 sandy angular to subangular, fine to coarse GRAVEL of concrete and sandstone. Sand is fine to coarse. Abundant rootlets. (VO = 0,0)	(0.40)		
			2 Soft grey mottled brown gravelly silty CLAY. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 0,1)	0.40 (0.60)		
1.50	ES 2		3 Grey gravelly slightly silty, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,2)	1.00 (2.00)		
2.50	ES 3					
3.50	ES 4		4 Brown to greyish brown slightly gravelly, fine to medium SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 1,1)	3.00 (1.80)		
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 3.10 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 426.4827/11/2014 15:10:27			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW1080 Sheet 1 of 1		

Trial Pit Log

Logged SK Checked LL		Start 10/09/2014 End 10/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.40m Terminated due to collapse.	Dimensions and Orientation Width 0.80 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 Brown occasionally stained grey gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Faint hydrocarbon odour. (VO = 1,1)	(1.00)		
1.50	ES 2		2 Light greyish brown frequently stained grey slightly silty slightly gravelly to gravelly, fine to coarse (predominantly fine to medium) SAND with low cobble content. Cobbles are subangular to subrounded of sandstone. Overwhelming hydrocarbon odour. (VO = 2,5)	(1.10)		
2.50	ES 3		3 Light greyish brown frequently stained grey and occasionally dark grey SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Overwhelming hydrocarbon odour. (VO = 2,5)	(2.30)		
			EXPLORATORY HOLE ENDS AT 4.40 m	4.40		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.10 Damp and slight seepages 2 4.40 With collapses. Oily sheen on surface			Depth Related Remarks * From to (m)		Stability Collapse below 2.10m Shoring None Weather Sunny,sl breeze	
Notes: For explanation of 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 NSW1081 Sheet 1 of 1	

Trial Pit Log

Logged JC Checked LL		Start 10/09/2014 End 10/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.30m Unable to progress past cobbles and boulders.	Dimensions and Orientation Width 1.00 m Length 3.60 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) Greyish brown slightly 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. Cobbles are angular to subangular of sandstone and occasional brick. (VO = 0,0)	(1.30)		
1.50	ES 2		2 Light brown mottled grey gravelly slightly silty, 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. (VO = 0,0)	1.30 (1.00)		
			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 Seepages - slightly cloudy			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Sunny,sl breezy		
Notes: For explanation of 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 NSW1082 Sheet 1 of 1		

Logged KH Checked LL	Start 10/09/2014 End 10/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.0m Terminated due to water.	Dimensions and Orientation Width 0.90 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 to brown gravelly, fine to medium SAND with low cobble content. Gravel is fine to coarse, angular to subrounded of concrete and sandstone. Cobbles are angular to subangular of concrete. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Greyish black slightly silty locally 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. (VO = 1,2)	1.00 (2.00)		
2.50	ES 3					
			EXPLORATORY HOLE ENDS AT 3.00 m	3.00		1
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.00 Fast inflow from pipe.			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 426.4827/11/2014 15:10:34 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW1083 Sheet 1 of 1	

Trial Pit Log



Logged SP Checked AP		Start 25/11/2014 End 25/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated due to concrete.		Dimensions and Orientation Width 1.50 m Length 3.00 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 Brown clayey slightly gravelly, fine to coarse SAND. Gravel is angular to well rounded, fine to coarse of sandstone and occasional concrete. (VO = 0,0) EXPLORATORY HOLE ENDS AT 0.50 m Concrete.			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 Cold			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4809/01/2015 15:13:47			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW1084 Sheet 1 of 1			

Trial Pit Log



Logged SP Checked AP		Start 25/11/2014 End 25/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated due to concrete.	Dimensions and Orientation Width 1.50 m Length 3.00 m 		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is angular to well rounded of sandstone and occasional concrete. Cobbles are subangular to well rounded of sandstone and occasional concrete. Moderate rootlets. (VO = 1,2) 2 Soft to firm grey frequently stained black clayey SILT. (VO = 5,3) EXPLORATORY HOLE ENDS AT 0.50 m		0.25 0.50		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.50 Groundwater			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Cold		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4809/01/2015 15:13:50			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW1085 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AJ		Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.40m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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 Brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	0.50		
			2 Orangish brown slightly clayey gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(1.00)		
1.50	ES 2			1.50		
			3 Grey slightly silty gravelly fine to coarse SAND with low cobble and boulder content. Gravel is subangular to subrounded of sandstone. Cobbles and boulders are angular to subangular of sandstone. (VO = 1,0),	(2.90)		
2.50	ES 3					
3.50	ES 4					
4.40	ES 5		EXPLORATORY HOLE ENDS AT 4.40 m	4.40		
			4.40 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 Light rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW109 Sheet 1 of 1		

Logged AW	Start 31/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.0m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 m	Ground Level Coordinates National Grid Chainage		
Checked AP	End 31/10/2014		A B C D			
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (TOPSOIL) Brown slightly silty fine to coarse SAND with frequent roots.	(0.30)		
			2 Orangish brown slightly clayey gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(0.70)		
1.50	ES 2		3 Greyish brown 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 = 0,0)	1.00		
2.50	ES 3			(2.00)		
			EXPLORATORY HOLE ENDS AT 3.00 m	3.00		

Trial Pit Log



Logged AW Checked AP		Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.10m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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		2 Grey slightly silty gravelly fine to coarse SAND with high cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular sandstone. (VO = 1,1)	(4.10)				
1.50	ES 2							
2.50	ES 3							
3.50	ES 4							
			EXPLORATORY HOLE ENDS AT 4.10 m	4.10				
			4.10 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 Occ.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 426.4825/01/2015 21.07.32			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW110 Sheet 1 of 1			

Trial Pit Log



Logged AW Checked AP		Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.50m Terminated on sandstone.	Dimensions and Orientation Width 1.30 m Length 6.00 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 TOPSOIL.			0.20		
1.50	ES 2		2 Grey slightly silty gravelly fine to coarse SAND with high cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 1,0)			(3.30)		
2.50	ES 3							
3.50	ES 4		EXPLORATORY HOLE ENDS AT 3.50 m			3.50		
			3.50 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. (c) ESG www.esg.co.uk 426.4825/01/2015 21.07.36 AGS			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW111 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 22/10/2014 End 22/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.50m Unable to progress through cobbles and boulders.	Dimensions and Orientation Width 1.30 m Length 6.00 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 Grey slightly silty gravelly fine to coarse SAND with high cobble and boulder content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles and boulders are angular to subangular of sandstone. (VO = 1,1) becoming (VO = 3,1)	(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) 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 426.4825/01/2015 21.07.38			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW112 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 22/10/2014 End 22/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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) Light brown slightly sandy gravelly SILT with low cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone, clinker and brick. Cobbles are subangular to subrounded occasionally tabular of sandstone. Occasional rootlets. (VO = 2,1)	(2.00)			
1.50	ES 2		0.80 m Locally black.				
2.50	ES 3		2 (MADE GROUND) Greyish brown slightly silty gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Cobbles are subangular to subrounded occasionally tabular of sandstone. Localised blackened areas. (VO = 2,3)	2.00			
3.50	ES 4			(3.00)			
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 1.50 Slight seepage from B side.			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 426.4825/01/2015 21.07.41			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW113 Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AJ		Start 22/10/2014 End 22/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 (TOPSOIL) 3 Grey slightly silty gravelly fine to coarse SAND with low cobble content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles and boulders are angular to subangular of sandstone. (VO = 1,1) becoming (VO = 2,1) from 3.40m depth.		0.20-0.40 m Dark brown to black with strong odour.	0.20		
1.50	ES 2					(3.80)		
2.50	ES 3							
3.50	ES 4							
			EXPLORATORY HOLE ENDS AT 4.00 m		4.00 m Sandstone bedrock.	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 Stable Shoring None Weather Dry		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4805/02/2015 09:17:00			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW114 Sheet 1 of 1		

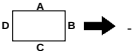
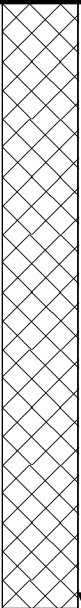
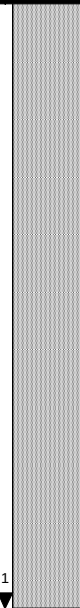
Trial Pit Log



Logged AW Checked AP		Start 22/10/2014 End 22/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.8m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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) Reddish brown fine to coarse SAND.			0.20		
1.50	ES 2		2 Grey slightly silty gravelly fine to coarse SAND. Gravel is angular to subangular, fine to coarse of sandstone. (VO = 1,1)			(3.60)		
2.50	ES 3							
3.50	ES 4							
			EXPLORATORY HOLE ENDS AT 3.80 m 3.80 m Sandstone bedrock.			3.80		
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 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 426.4825/01/2015 21.07.44			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW115 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated due to water ingress.	Dimensions and Orientation Width 1.00 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 slightly silty gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, concrete and clinker. Cobbles are subangular to subrounded occasionally tabular of sandstone. Rare rootlets. (VO = 0,0)	(2.00)			
1.50	ES 2						
			EXPLORATORY HOLE ENDS AT 2.00 m	2.00			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.00 Groundwater			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 NSW116 Sheet 1 of 1		



Trial Pit Log

Logged NK Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.2m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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) Light brown silty gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and concrete. Cobbles are subangular to subrounded of sandstone. Occasional rootlets. (VO = 0,0)	(2.10)		
1.50	ES 2					
2.50	ES 3		2 (MADE GROUND) Dark brown gravelly medium to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 0,1)	2.10 (1.10)		
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20 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 Cloudy,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 NSW117 Sheet 1 of 1		

Trial Pit Log

Logged NK Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.3m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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) Orangish brown slightly sandy slightly gravelly SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of sandstone and concrete. Cobbles are subangular to subrounded of sandstone. Rare rootlets. (VO = 0,0)	0.50		
1.50	ES 2		2 (MADE GROUND) Dark brown slightly silty gravelly fine to medium SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	(1.40)		
2.50	ES 3		3 (MADE GROUND) Dark brown slightly silty gravelly medium to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and clinker. Cobbles are subangular to subrounded, occasionally tabular of sandstone. (VO = 0,0)	1.90		
3.50	ES 4			(2.40)		
			EXPLORATORY HOLE ENDS AT 4.30 m 4.30 m Sandstone bedrock.	4.30		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy,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 426.4825/01/2015 21.07.55			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW118 Sheet 1 of 1		

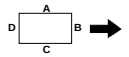
Trial Pit Log



Logged NK Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.00m Terminated due to water ingress and collapse.		Dimensions and Orientation Width 1.00 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	
		*	1 (MADE GROUND) Soft brown gravelly slightly sandy SILT with medium cobble content. Gravel is subangular to subrounded fine to coarse of sandstone and brick. Sand is fine to medium. Cobbles are subangular to subrounded of sandstone and occasional brick. Occasional roots and rootlets. (VO = 0,0)			(1.00)			
			EXPLORATORY HOLE ENDS AT 1.00 m			1.00			
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.00 Fast inflow.			Depth Related Remarks * From to (m) 0.00 1.00 No samples obtained.			Stability Unstable 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 NSW119 Sheet 1 of 1			



Trial Pit Log

Logged AW Checked AP	Start 03/11/2014 End 03/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.50m Unable to progress beyond 3.5m.	Dimensions and Orientation Width 1.30 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 Brown slightly silty, fine to coarse SAND with frequent roots.	(0.30)		
1.50	ES 2		2 Greyish brown slightly silty 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 = 0,0)	0.30		
2.50	ES 3			(3.20)		
3.50	ES 4		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 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 NSW12 Sheet 1 of 1		

Logged NK Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.3m Terminated on bedrock.		Dimensions and Orientation Width 1.00 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) Dark brown slightly sandy gravelly SILT with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone, clinker and concrete. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)				(1.90)		
1.50	ES 2						1.90		
2.50	ES 3		2 (MADE GROUND) Greyish brown gravelly medium to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Cobbles are subangular to subrounded occasionally tabular of sandstone (VO = 1,3)				(1.40)		
			EXPLORATORY HOLE ENDS AT 3.30 m				3.30		
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)				Stability Stable Shoring None Weather Cloudy,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 426.4825/01/2015 21:07:59 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited				Trial Pit NSW120 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 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) Greyish brown slightly silty gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, clinker and charcoal. Cobbles are subangular to subrounded of sandstone. Rare rootlets. Localised blackened areas. (VO = 2,2)	(2.40)			
1.50	ES 2						
			EXPLORATORY HOLE ENDS AT 2.40 m	2.40 m Sandstone bedrock.	2.40		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour 1 1.00 Seepage from B side.			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Cloudy,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 NSW121 Sheet 1 of 1	



Logged NK Checked AP	Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 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) Light brown sandy gravelly SILT with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and concrete. Cobbles are subangular to subrounded of sandstone. Occasional gravel sized pockets of orange medium sand. (VO = 0,0)	(0.90)		
1.50	ES 2		2 (MADE GROUND) Greyish brown gravelly medium to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Cobbles are subangular to subrounded of sandstone. (VO = 0,1)	0.90 (1.30)		
			EXPLORATORY HOLE ENDS AT 2.20 m 2.20 m Sandstone bedrock.	2.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			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 426.4825/01/2015 21.08.06 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW122 Sheet 1 of 1	

Trial Pit Log

Logged NK Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 3.50 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) Light brown sandy gravelly SILT with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone, brick and clinker. Cobbles are subangular to subrounded of sandstone. Occasional gravel sized pockets of orange medium sand. (VO = 0,0)	(0.90)		
1.50	ES 2		2 (MADE GROUND) Dark brown slightly sandy gravelly SILT with high cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Cobbles are subangular to subrounded, tabular of sandstone. (VO = 0,0)	0.90 (0.90)		
			EXPLORATORY HOLE ENDS AT 1.80 m 1.80 m Sandstone bedrock.	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 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 426.4825/01/2015 21.08.10			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW123 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 22/10/2014 End 22/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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) Light brown slightly sandy very gravelly SILT with low cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and clinker. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 1,1)			(1.10)		
			EXPLORATORY HOLE ENDS AT 1.10 m			1.10		
			1.10 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 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 426.4825/01/2015 21:08:13 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW124 Sheet 1 of 1		

Logged NK Checked AP		Start 22/10/2014 End 22/10/2014		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 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) Light brown slightly sandy gravelly SILT with high cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and concrete. Cobbles are subangular to subrounded occasionally tabular of sandstone. Rare rootlets. (VO = 1,1) 0.40 m Pipe — across A-C. 0.70 m Sandstone bedrock. EXPLORATORY HOLE ENDS AT 0.70 m					(0.70) 0.70		
Depth	Type & No.	Records Date								
Groundwater Entries No. Struck Post Strike Behaviour (m)			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 426.4825/01/2015 21.08.18 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited					Trial Pit NSW125 Sheet 1 of 1		

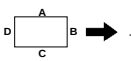
Trial Pit Log



Logged AW Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.90m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 Brown slightly silty SAND and GRAVEL. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Frequent angular cobbles of sandstone. (VO = 0,0)			(1.90)		
1.50	ES 2							
			EXPLORATORY HOLE ENDS AT 1.90 m			1.90		
			1.90 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 NSW126 Sheet 1 of 1		



Trial Pit Log

Logged AW Checked AP	Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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 Brown slightly silty SAND and GRAVEL with high cobble content. Sand is fine to coarse. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 0,0) EXPLORATORY HOLE ENDS AT 0.50 m 0.50 m Sandstone bedrock.	(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, showers		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4825/01/2015 21.08:23 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW127 Sheet 1 of 1		

Trial Pit Log



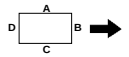
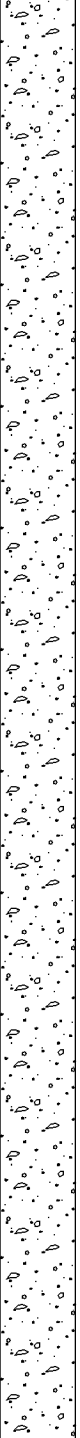
Logged AW Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.8m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 m A B C D B →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown slightly silty gravelly fine to coarse SAND with high cobble content. Sand is fine to coarse. Gravel is subangular to subrounded of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)			(0.80)		
			EXPLORATORY HOLE ENDS AT 0.80 m			0.80		
			0.80 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 (c) ESG www.esg.co.uk 426.4825/01/2015 21.08:26			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW128 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.5m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 Brown slightly silty SAND and GRAVEL. Sand is fine to coarse. Gravel is angular, fine to coarse of sandstone. (VO = 0,0)			(2.50)		
1.50	ES 2							
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m			2.50		
			2.30 m Locally high cobble content. Cobbles are subrounded of sandstone. 2.50 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 (c) ESG www.esg.co.uk 426.4825/01/2015 21.08.29			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW129 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 03/11/2014 End 03/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.1m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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) Road surface, stone and brick. (VO = 0,0)	0.20			
1.50	ES 2		2 Brown slightly silty gravelly, fine to coarse SAND. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 0,0)				
2.50	ES 3			(4.90)			
3.50	ES 4						
4.50	ES 5						
Depth	Type & No.	Records Date	Stratum continues to 5.10 m				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Some collapse Shoring None Weather Rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW13 Sheet 1 of 2		

Logged AW Checked AP	Start 03/11/2014 End 03/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.1m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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/ Instrument
			2 Brown slightly silty gravelly, fine to coarse SAND. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 0,0) 5.10 m Sandstone bedrock. EXPLORATORY HOLE ENDS AT 5.10 m	5.10	Legend	
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 Some collapse Shoring None Weather Rain	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4809/01/2015 09:12:13 ESG			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW13 Sheet 2 of 2	

Trial Pit Log

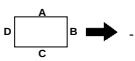


Logged AW Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.	Dimensions and Orientation Width 1.40 m Length 3.40 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown slightly silty SAND and GRAVEL. Sand is fine to coarse. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are angular of sandstone. (VO = 0,1)		(2.00)		
1.50	ES 2						
			EXPLORATORY HOLE ENDS AT 2.00 m 2.00 m Sandstone bedrock.		2.00		
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 426.4825/01/2015 21:08:32			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW130 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated on sandstone.	Dimensions and Orientation Width 1.30 m Length 6.00 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) Grey slightly silty slightly sandy angular to subangular, fine to coarse GRAVEL of sandstone, brick and lithorelicts. Sand is fine to coarse. (VO = 3,1) EXPLORATORY HOLE ENDS AT 0.50 m 0.50 m Sandstone bedrock.	0.50			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m)			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 426.4825/01/2015 21.08:35 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW131 Sheet 1 of 1		

Logged AW Checked AP		Start 21/10/2014 End 21/10/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.8m Terminated on bedrock.		Dimensions and Orientation Width 1.30 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) Grey slightly silty slightly sandy angular to subangular fine to coarse GRAVEL of clinker, concrete and brick. Sand is fine to coarse. (VO = 3,1) 2 Brown slightly clayey SAND and GRAVEL. Sand is fine to coarse. Gravel is angular to subangular, fine to coarse of sandstone with frequent angular sandstone cobbles at base. (VO = 0,0)				0.10 (0.70)		
			EXPLORATORY HOLE ENDS AT 0.80 m				0.80 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 (c) ESG www.esg.co.uk 426.4825/01/2015 21:08:37 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited				Trial Pit NSW132 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.8m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 slightly silty sandy subangular to subrounded, fine to coarse GRAVEL of brick, concrete and sandstone. Sand is fine to coarse. (VO = 2,1) 2 Brown slightly silty gravelly fine to coarse SAND with high cobble content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are angular of sandstone. (VO = 1,1) 0.80 m Sandstone bedrock. EXPLORATORY HOLE ENDS AT 0.80 m			0.20 (0.60) 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. Scale 1:25 (c) ESG www.esg.co.uk 426.4825/01/2015 21.08/40 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW133 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.0m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 TOPSOIL.			0.20		
1.50	ES 2		2 Greyish brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)			(2.70)		
2.50	ES 3							
			3 Greyish brown angular GRAVEL of sandstone with high cobble content. Cobbles are subangular of sandstone. (VO = 0,0)			2.90		
			EXPLORATORY HOLE ENDS AT 3.00 m			3.00		
			3.00 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 (c) ESG www.esg.co.uk 426.4825/01/2015 21.08.43			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW134 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 22/10/2014 End 22/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.30m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 Brown slightly silty gravelly fine to coarse SAND with high cobble and boulder content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles and boulders are angular to subangular of sandstone. (VO = 1,1)			(3.30)		
1.50	ES 2							
2.50	ES 3							
3.30	ES 4							
			EXPLORATORY HOLE ENDS AT 3.30 m			3.30 m Sandstone bedrock.	3.30	
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. (c) ESG www.esg.co.uk 426.4825/01/2015 21.08/46 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW135 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP	Start 22/10/2014 End 22/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.80m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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
0.50	ES 1		1 Brown slightly silty gravelly fine to coarse SAND with high cobble content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 1,1),	(2.80)		
1.50	ES 2					
2.50	ES 3					
			EXPLORATORY HOLE ENDS AT 2.80 m	2.80		
			2.80 m Sandstone bedrock.			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			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 426.4825/01/2015 21:08:49 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW136 Sheet 1 of 1		

Trial Pit Log

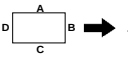
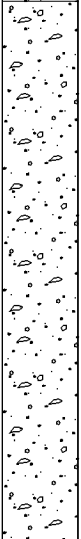
Logged AW Checked AP		Start 22/10/2014 End 22/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.70m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly clayey gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. Occasional metal fragments. (VO = 0,1)	(0.60)		
1.50	ES 2		2 Grey slightly silty SAND and GRAVEL with high cobble and boulder content. Sand is fine to coarse. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles and boulders are angular to subangular of sandstone. (VO = 1,0) becoming (VO = 2,1) from 3.50m.	0.60		
2.50	ES 3			(3.10)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 3.70 m	3.70		
			3.70 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 NSW137 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 22/10/2014 End 22/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.50m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 Orangish brown slightly clayey gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. Occasional roots and rootlets. (VO = 0,0)		(0.60)		
1.50	ES 2		2 Greyish brown slightly silty gravelly fine to coarse SAND with high cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO =1,1)		0.60		
2.50	ES 3				(2.90)		
3.50	ES 4		EXPLORATORY HOLE ENDS AT 3.50 m		3.50		
			3.50 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 (c) ESG www.esg.co.uk 426.4825/01/2015 21:08:55			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW138 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP	Start 22/10/2014 End 22/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.80m Unable to progress through cobbles and boulders.	Dimensions and Orientation Width 1.30 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) Reddish brown fine to coarse SAND. (VO = 0,0)	(0.30)		
1.50	ES 2		2 Orangish brown slightly silty gravelly fine to coarse SAND with high cobble and boulder content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles and boulders are angular to subangular of sandstone. (VO = 0,0)	(1.70)		
2.50	ES 3		3 Grey slightly silty gravelly fine to coarse SAND with high cobble and boulder content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles and boulders are angular to subangular of sandstone. (VO = 1,0)	(1.80)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 3.80 m	3.80		
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. Scale 1:25			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW139 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 31/10/2014 End 31/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.7m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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 (TOPSOIL) Brown slightly silty fine to coarse SAND with frequent roots. (VO = 0,0)	(0.50)		
1.50	ES 2		2 Grey 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 = 1,1)	0.50		
2.50	ES 3			(3.20)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 3.70 m 3.70 m Sandstone bedrock.	3.70		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Dry,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 NSW14 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 22/10/2014 End 22/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.7m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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) Reddish brown fine to coarse SAND.			0.20		
1.50	ES 2		2 Greyish brown slightly silty gravelly fine to coarse SAND with high cobble content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 0,0) becoming (VO = 1,0) from 2.50m.			(2.50)		
2.50	ES 3							
			EXPLORATORY HOLE ENDS AT 2.70 m			2.70		
			2.70m 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 Showers,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 NSW140 Sheet 1 of 1		



Trial Pit Log

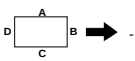


Logged AW Checked AP		Start 22/10/2014 End 22/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.8m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Grey slightly silty gravelly fine to coarse SAND. Gravel is angular to subangular, fine to coarse of sandstone. (VO = 1,1)			(3.80)		
1.50	ES 2							
2.50	ES 3							
			EXPLORATORY HOLE ENDS AT 3.80 m			3.80		
			3.80 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 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 426.4825/01/2015 21:09:06 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW141 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 29/10/2014 End 29/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated on pipe.	Dimensions and Orientation Width 1.30 m Length 6.00 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 greyish black slightly clayey gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. Frequent wood fragments. Thick oily sludge. (VO = 4,3) EXPLORATORY HOLE ENDS AT 0.50 m		0.50		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4825/01/2015 21:09:08 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW142 Sheet 1 of 1		

Logged AW Checked AP	Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.6m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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 TOPSOIL with frequent roots. 2 Grey slightly silty gravelly, fine to coarse SAND with medium cobble and boulder content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles and boulders are angular to subangular of sandstone. (VO = 2,2)	0.10				
1.50	ES 2			(2.50)				
2.50	ES 3							
			EXPLORATORY HOLE ENDS AT 2.60 m 2.60 m Sandstone bedrock.	2.60				
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Rain			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4825/01/2015 21.09:12 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW144 Sheet 1 of 1			

Trial Pit Log



Logged AW Checked AP		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.5m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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) Orangish brown fine to coarse SAND with rare roots.					
0.50	ES 1		2 Grey 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 = 1,1) becoming (VO = 2,2) from 2.50m.			0.20		
1.50	ES 2							
2.50	ES 3					(3.30)		
3.50	ES 4		EXPLORATORY HOLE ENDS AT 3.50 m			3.50		
			3.50 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 Showers		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4825/01/2015 21.09.16			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW145 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.8m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 gravelly fine to coarse SAND with low cobble and boulder content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of brick. Boulders are subangular to subrounded of brick. (VO = 3,2)	(1.70)		
1.50	ES 2			1.70		
2.50	ES 3		2 Grey slightly silty gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,1) becoming (VO = 2,2) from 3.50m.	(2.10)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 3.80 m 3.80 m Sandstone bedrock.	3.80		
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. Scale 1:25 (c) ESG www.esg.co.uk 426.4825/01/2015 21.09.49			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW146 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.2m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.30 m Length 6.00 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 Orangish brown slightly silty gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. Occasional roots. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Grey 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 = 0,0) becoming (VO = 2,2) from 2.50m.	1.00		
2.50	ES 3			(3.20)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 4.20 m	4.20		
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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW147 Sheet 1 of 1		

Trial Pit Log



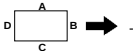
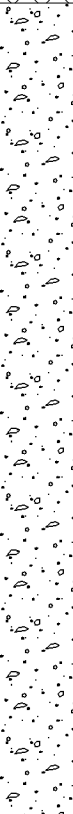
Logged AW Checked AP		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.2m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 m A D-----B C →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly silty gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone and brick. (VO = 0,0) becoming (VO = 2,2) from 2.50m. 1.50 m Becoming grey. 2.50 m Dark grey: (VO = 2,2) 4.20 m Sandstone bedrock.			(4.20)		
1.50	ES 2							
2.50	ES 3							
3.50	ES 4							
			EXPLORATORY HOLE ENDS AT 4.20 m			4.20		
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. (c) ESG www.esg.co.uk 426.4825/01/2015 21.11.43 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW148 Sheet 1 of 1		

Trial Pit Log

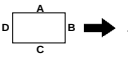
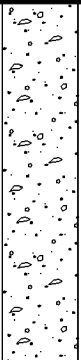
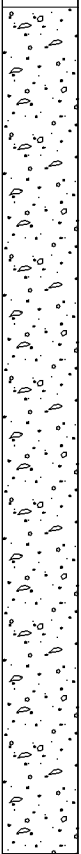
Logged AW Checked AP		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.2m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	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) Reddish brown and blue subrounded fine to coarse GRAVEL of crushed glass and brick. (VO = 0,0) 2 (MADE GROUND) Brown slightly silty gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. (VO = 0,0)	0.20 (0.80)		
1.50	ES 2		3 Grey slightly silty gravelly, fine to coarse SAND. Gravel is angular to subangular, fine to coarse of sandstone. (VO = 1,1) becoming (VO = 2,1) from 2.50m.	1.00		
2.50	ES 3			(3.20)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 4.20 m	4.20		
			4.20 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 NSW149 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 31/10/2014 End 31/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.0m Unable to progress beyond 3.00m.	Dimensions and Orientation Width 1.30 m Length 6.00 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 (TOPSOIL) Brown slightly silty fine to coarse SAND with frequent roots.	0.20		
			2 Brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(0.80)		
1.50	ES 2		3 Grey slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	1.00		
2.50	ES 3			(2.00)		
			EXPLORATORY HOLE ENDS AT 3.00 m	3.00		

Logged AW	Start 20/10/2014	Equipment, Methods and Remarks	Dimensions and Orientation		Ground Level	
Checked AP	End 20/10/2014	Komatsu PC210 Machine excavated trial pit from GL to 3.7m Terminated on bedrock.	Width 1.30 m		Coordinates	-
			Length 6.00 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) Brownish red and blue angular to subrounded fine to coarse GRAVEL of glass, brick and rare pipe. (VO = 0,0) 2 (MADE GROUND) Brown slightly clayey gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone and brick. (VO = 0,0)	0.20 (0.80)		
1.50	ES 2		3 Grey slightly silty gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,0) becoming (VO = 2,2) from 2.50m.	1.00		
2.50	ES 3			(2.70)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 3.70 m	3.70 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 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 426.4825/01/2015 21.11.48			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW150 Sheet 1 of 1	

Trial Pit Log

Logged AW Checked AP		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.3m Terminated due to collapse.	Dimensions and Orientation Width 1.30 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 Orangish brown slightly clayey gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(1.20)			
1.50	ES 2		2 Dark brown clayey slightly gravelly fine to coarse SAND with frequent rootlets and organic odour. Gravel is subrounded, fine to coarse of sandstone. (Historic ground level - topsoil) (VO = 0,0)	1.20 (0.30)			
2.50	ES 3		3 Grey slightly silty gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,1) becoming (VO = 1,2) from 3.50m.	1.50 (2.80)			
3.50	ES 4						
			EXPLORATORY HOLE ENDS AT 4.30 m	4.30			
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 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 NSW151 Sheet 1 of 1			

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Trial Pit Log

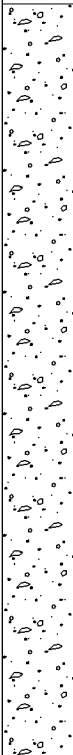
PRELIMINARY

Logged AW Checked		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.5m	Dimensions and Orientation Width 1.30 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) Brown slightly silty gravelly TOPSOIL fine to coarse SAND. Gravel is rounded, fine to coarse of quartz, wood with frequent rock. (VO = 0,0)	(1.00)			
1.50	ES 2		2 Metal and wood pulp - floor? and pipes and cables. (VO = 0,0)	1.00 (0.50)			
2.50	ES 3		3 Brown slightly clayey gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. 2.5m (VO = 0,0), 3.5m (VO = 0,0)	1.50 (2.00)			
3.50	ES 4		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 - showers			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW153 Sheet 1 of 1			

Trial Pit Log

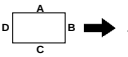


Logged AW Checked AP		Start 30/10/2014 End 30/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Unable to progress beyond 4.50m depth.	Dimensions and Orientation Width 1.30 m Length 6.00 m A B C D		Ground Level 0.00 mOD Coordinates E 0.00 National Grid Chainage -		
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description		Depth, Level (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Brown slightly silty fine to coarse sand with roots. (VO = 0,0) 0.00-1.00 m Face C and D: 1m deep brock footings.		(1.00)			
1.50	ES 2		2 Brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (VO = 0,0)		1.00 -1.00 (1.00)			
2.50	ES 3		3 Grey slightly silty SAND and GRAVEL. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,1)		2.00 -2.00 (2.50)			
3.50	ES 4							
4.50	ES 5		EXPLORATORY HOLE ENDS AT 4.50 m		4.50 -4.50			
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, 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 426.4823/01/2015 11:57:09 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW154 Sheet 1 of 1		

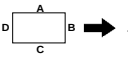
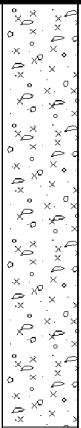
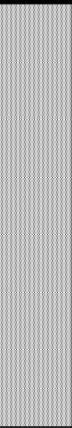
Logged AW Checked AP		Start 30/10/2014 End 30/10/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.5m		Dimensions and Orientation Width 1.30 m Length 6.00 m A B C D E		Ground Level Coordinates National Grid Chainage					
Samples and Tests				Strata									
Depth		Type & No.		Date Records		Description		Depth, Level/ (Thickness)		Legend		Backfill/ Instruments	
0.50		ES 1				1 (TOPSOIL) Brown slightly silty fine to coarse SAND with frequent roots. (VO = 0,0)		(0.50)					
1.50		ES 2				2 Greyish brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0) becoming (VO = 1,1) from 2.50m depth.		0.50					
2.50		ES 3						(2.50)					
3.50		ES 4				3 Dark bluish grey slightly silty SAND and GRAVEL with high cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subrounded to rounded of sandstone. (VO = 2,2)		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 Rain	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4808/01/2015 16.02.15 						Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited						Trial Pit NSW155 Sheet 1 of 1	

Logged AW Checked AP	Start 30/10/2014 End 30/10/2014	Equipment, Methods and Remarks Komatsu PC210 machine excavated trial pit from GL to 3.7m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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 (TOPSOIL) Brown slightly silty fine to coarse SAND with frequent roots. (VO = 0,0)	(0.60)				
1.50	ES 2		2 Brown slightly silty gravelly ine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	0.60 (1.40)				
2.50	ES 3		3 Grey slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,1) becoming (VO = 1,2) from 2.50m depth.	2.00 (1.70)				
3.50	ES 4							
			EXPLORATORY HOLE ENDS AT 3.70 m	3.70 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 Rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4808/01/2015 16.02.17			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW156 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP	Start 28/10/2014 End 28/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.1m Terminated due to collapse.	Dimensions and Orientation Width 1.30 m Length 6.00 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 gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (VO = 0,0)	(2.00)		
1.50	ES 2					
2.50	ES 3		2 (MADE GROUND) Greyish brown clayey 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 and brick. (VO = 1,1)	2.00 (1.10)		
3.10	ES 4		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 Collapsed 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 NSW157 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.40m Unable to progress through cobbles.	Dimensions and Orientation Width 1.40 m Length 4.60 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
0.70	ES 1		1 Very soft to soft orangish light brown sandy slightly gravelly SILT with medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 0,0)	(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 Cloudy,gales		
Notes: For explanation of 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 21:12:05 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW158 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.30m Unable to progress through cobbles.	Dimensions and Orientation Width 1.80 m Length 4.60 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 Brown silty locally stly slightly gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Very soft to soft orangish light brown sandy SILT. Sand is fine to coarse (predominantly fine to medium). (VO = 0,0)	(1.10)		
2.50	ES 3		3 Light grey frequently stained dark grey slightly silty gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 2,3)	(2.10)		
3.50	ES 4			(2.20)		
			EXPLORATORY HOLE ENDS AT 4.30 m	4.30		
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,gales.		
Notes: For explanation of 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 NSW159 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 31/10/2014 End 31/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.3m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 (TOPSOIL) Brown slightly silty fine to coarse SAND with frequent roots.		(0.40)			
			2 Greyish brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sanstone. (VO = 0,0)		0.40			
1.50	ES 2				(2.90)			
2.50	ES 3							
			EXPLORATORY HOLE ENDS AT 3.30 m		3.30			
			Sandstone.					
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 Shoring None Weather Dry,sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4908/01/2015 16.01.37			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW16 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.20m Unable to progress through cobbles.	Dimensions and Orientation Width 1.20 m Length 4.40 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 (MADE GROUND) Brownish black and red silty locally silty gravelly, fine to coarse SAND Gravel is angular to subrounded, fine to coarse of sandstone, clinker and brick. Rare cobble sized pockets to ash. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Brownish light grey occasionally stained dark grey slightly silty locally silty slightly gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Distinct hydrocarbon odour. (VO = 1,2)	(1.20)		
			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 Cloudy,gales.		
Notes: For explanation of 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 NSW160 Sheet 1 of 1		

Logged JC Checked AP	Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.90m Terminated due to pipe.	Dimensions and Orientation Width 1.50 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
0.50	ES 1		1 Very soft to soft brown sandy SILT. Sand is fine to coarse (predominantly fine to medium). (VO = 0,0)	(1.10)		
1.50	ES 2		2 Light grey frequently stained grey silty slightly gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 2,3)	1.10 (0.80)		
			1.80 m Pipe.	1.90		
			EXPLORATORY HOLE ENDS AT 1.90 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,gales.	
Notes: For explanation of 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 21:12:16 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW161 Sheet 1 of 1	

Logged JC Checked AP	Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.60m Unable to progress through concrete.	Dimensions and Orientation Width 1.60 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
0.80	ES 1		1 Light brown occasionally stained light grey slightly 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. Cobbles are subangular to subrounded of sandstone. (VO = 1,0)	(1.60)		
			EXPLORATORY HOLE ENDS AT 1.60 m	1.60		
			</			

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Trial Pit Log

Logged JC Checked AJ		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.80m Terminated due to flooding.	Dimensions and Orientation Width 1.20 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			
0.50	ES 1		1 Light brown occasionally stained light grey SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Faint hydrocarbon odour. (VO = 1,1)	(0.60)		
1.50	ES 2		2 Grey frequently stained dark grey slightly silty gravelly, fine to coarse SAND with low to medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 2,3)	0.60 (1.20)		
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy,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 NSW164 Sheet 1 of 1		

Trial Pit Log

PRELIMINARY

Logged JC Checked		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.70m Terminated as no progress through cobbles.	Dimensions and Orientation Width 1.50 m Length 4.50 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 Light greyish brown occasionally stained grey slightly silty gravelly, fine to coarse SAND with medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Faint hydrocarbon odour. (VO = 1,1)	(0.70)		
1.50	ES 2		2 Light grey frequently stained dark grey slightly silty SAND and GRAVEL with low to 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.	0.70 (2.00)		
2.50	ES 3					
			EXPLORATORY HOLE ENDS AT 2.70 m	2.70		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy,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 NSW165 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.00m. 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, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 Light greyish brown occasionally stained grey slightly silty gravelly, fine to coarse SAND with medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Faint hydrocarbon odour. (VO = 1,1)	(0.80)		
1.50	ES 2		2 Light grey frequently stained dark grey slightly silty SAND and GRAVEL with low to 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 = 1,1)	0.80 (1.20)		
2.00	ES 3		EXPLORATORY HOLE ENDS AT 2.00 m	2.00		
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 (c) ESG www.esg.co.uk 426.4806/02/2015 11:12:52			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW166 Sheet 1 of 1		

Logged Checked	AW	Start 29/10/2014 End 29/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.5m Terminated after hitting land drain (as in NSW142) that filled with black shiny liquid.	Dimensions and Orientation Width 1.30 m Length 6.00 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 black slightly silty gravelly SAND. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone with metal sheeting and brick cobbles. (VO = 3,2)	(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 Wet,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 426.4804/02/2015 13:38:22 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW167 Sheet 1 of 1		

Trial Pit Log



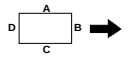
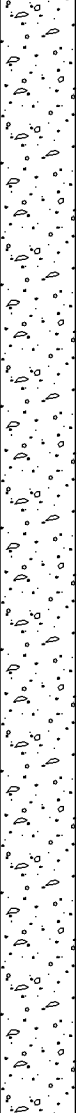
Logged AW Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.70m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Greyish brown slightly silty gravelly fine to coarse SAND with high cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 1,0)			(2.70)		
1.50	ES 2							
			EXPLORATORY HOLE ENDS AT 2.70 m			2.70		
			2.70m 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. (c) ESG www.esg.co.uk 426.4818/01/2015 14:54:02 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW168 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 slightly silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and concret. Sand is fine to coarse. Frequent metal and wood fragments. (VO = 3,2)			0.50		
1.50	ES 2		2 Grey slightly silty 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 = 2,2)			(1.50)		
			EXPLORATORY HOLE ENDS AT 2.00 m 2.00 m Sandstone bedrock.			2.00		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)			Stability 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 426.4818/01/2015 14:54:05			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW169 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 03/11/2014 End 03/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.9m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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) Road stone and crushed brick. (VO = 0,0)	0.20			
1.50	ES 2		2 Brown slightly silty gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(3.70)			
2.50	ES 3						
3.50	ES 4						
			EXPLORATORY HOLE ENDS AT 3.90 m 3.90 m Bedrock	3.90			
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 Rain showers		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW17 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.7m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 Brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. (VO = 0,0)			
1.50	ES 2			(3.00)		
2.50	ES 3					
			2 Grey slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone and siltstone. (VO = 2,2)	3.00		
				(0.70)		
			EXPLORATORY HOLE ENDS AT 3.70 m 3.70 m Sandstone bedrock.	3.70		
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 Some collapse. 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 NSW170 Sheet 1 of 1		

Trial Pit Log

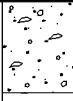
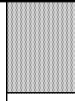


Logged AW Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated on concrete slab.	Dimensions and Orientation Width 1.30 m Length 6.00 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.00	ES 1		1 (MADE GROUND) Red slightly silty gravelly SAND. Sand is coarse. Gravel is angular to subangular, fine to coarse of clinker, brick, ash, slag and sandstone. (VO = 0,0)		(0.50)		
			EXPLORATORY HOLE ENDS AT 0.50 m Concrete.		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 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 426.4809/02/2015 14:59:41 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW171 Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 TOPSOIL.		0.20		
1.50	ES 2		2 Brown becoming grey from 1.00m slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0) becoming (VO = 2,1) from 2.50m depth.		(3.20)		
2.50	ES 3						
			EXPLORATORY HOLE ENDS AT 3.40 m		3.40		
			3.40 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. (c) ESG www.esg.co.uk 426.4816/01/2015 14:42:12			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW172 Sheet 1 of 1		

Logged AW Checked AP	Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.30m Terminated due to surface water inflow.	Dimensions and Orientation Width 1.30 m Length 6.00 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 Greyish brown 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 = 0,0) EXPLORATORY HOLE ENDS AT 0.30 m	(0.30) 0.30		

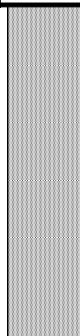
Trial Pit Log

Logged NK Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 3.50 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) Dark brown slightly silty gravelly fine to medium SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and brick. Cobbles are subangular to subrounded of sandstone. Rare rootlets. (VO = 0,0)	(1.00)		
1.50	ES 2		2 (MADE GROUND) Yellowish brown gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and clinker. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 1,2)	(1.20)		
			 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)			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 NSW174 Sheet 1 of 1		

Logged NK Checked AP	Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 3.50 m		Ground Level - 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) Brown sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and concrete. Cobbles are subangular to subrounded tabular of sandstone. Rare rootlets. (VO = 0,0)	0.60	
1.50	ES 2		2 (MADE GROUND) Yellowish brown gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and clinker. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	(1.60)	
			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 426.4818/01/2015 14:54:18			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW175 Sheet 1 of 1

Trial Pit Log

Logged NK Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.9m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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 slightly silty gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone, brick and concrete. Cobbles are subangular to subrounded occasionally tabular of sandstone. Rare rootlets. (VO = 0,0)	(2.00)		
1.50	ES 2					
2.50	ES 3		2 (MADE GROUND) Dark brown gravelly medium to coarse SAND with high cobble content. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and clinker. Cobbles are subangular to subrounded occasionally tabular of sandstone some tabular. (VO = 1,0)	2.00 (0.90)		
			EXPLORATORY HOLE ENDS AT 2.90 m 2.90 m Sandstone bedrock.	2.90		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.40 Seepage from D side. Pooling at base, few cms.			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 NSW176 Sheet 1 of 1		

Logged NK Checked AP		Start 17/10/2014 End 17/10/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1m Terminated on bedrock.		Dimensions and Orientation Width 1.00 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) Light brown slightly silty gravelly fine to coarse SAND with high cobble content. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and brick. Cobbles are subangular to subrounded occasionally tabular of sandstone. Occasional rootlets. (VO = 0,0)					(1.10)		
			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 (c) ESG www.esg.co.uk 426.4816/01/2015 14:42:14 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited					Trial Pit NSW177 Sheet 1 of 1		

Logged NK Checked AP		Start 17/10/2014 End 17/10/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated on bedrock.		Dimensions and Orientation Width 1.00 m Length 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) Light brown slightly sandy gravelly SILT with high cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone, concrete and clinker. Cobbles are subangular to subrounded, tabular of sandstone. Occasional gravel sized pockets of orange medium sand. Occasional rootlets. (VO = 0.0) 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 426.4816/01/2015 14.42:16 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited					Trial Pit NSW178 Sheet 1 of 1		

Trial Pit Log

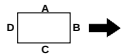
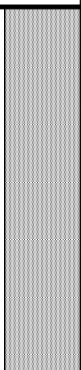


Logged NK Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated on bedrock.		Dimensions and Orientation Width 1.00 m Length 4.00 m A B C D		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Light brown slightly sandy gravelly SILT with high cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and brick. Cobbles are subangular to subrounded tabular of sandstone. Occasional rootlets. (VO = 0,0) 0.50 m Bedrock. EXPLORATORY HOLE ENDS AT 0.50 m			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 426.4816/01/2015 14:42:19 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW179 Sheet 1 of 1		

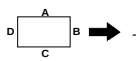
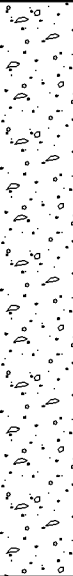
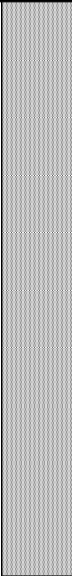
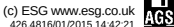
Trial Pit Log



Logged AW Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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) Brown slightly silty gravelly fine to coarse SAND. Gravel is angular to subangular, fine to coarse of sandstone and rare chalk. (VO = 0,0)			(1.10)		
			EXPLORATORY HOLE ENDS AT 1.10 m			1.10		
			1.00-1.10 m Low cobble content. Cobbles are angular to subangular of sandstone. 1.10 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 Showers		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4809/02/2015 15:00:13 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW180 Sheet 1 of 1		

Logged JC	Start 17/10/2014	Equipment, Methods and Remarks	Dimensions and Orientation	Ground Level		
Checked AP	End 17/10/2014	Komatsu PC210 Machine excavated trial pit from GL to 1.20m Unable to progress through cobbles.	Width 1.50 m Length 4.20 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 Orangish 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 tabular of sandstone. (VO = 0,0)	(1.20)		
			EXPLORATORY HOLE ENDS AT 1.20 m	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 Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4818/01/2015 14:54:22 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW181 Sheet 1 of 1		

Trial Pit Log

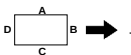
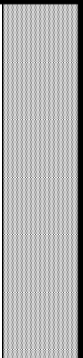
Logged JC Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.90m Unable to progress through cobbles.		Dimensions and Orientation Width 1.80 m Length 4.30 m 		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Orangish light brown occasionally stained grey 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. (VO = 1,0)			(1.90)		
1.50	ES 2							
			EXPLORATORY HOLE ENDS AT 1.90 m			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,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 NSW182 Sheet 1 of 1		

Trial Pit Log

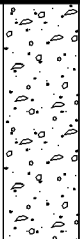
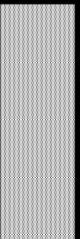
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Trial Pit Log

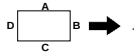
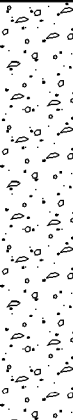
Logged JC Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.40m Unable to progress through cobbles.		Dimensions and Orientation Width 1.80 m Length 3.90 m A D-----B C ➔		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.70	ES 1		1 Orangish light brown 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. Cobbles are angular to subangular tabular of sandstone. (VO = 0,0)			(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 Cloudy,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 426.4809/01/2015 15:13:27			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW184 Sheet 1 of 1		

Logged JC Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.20m Terminated on bedrock.		Dimensions and Orientation Width 1.40 m Length 3.60 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 Orangish brown slightly silty locally silty gravelly, fine to coarse SAND with low to medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone tabular. (VO = 0,0)			(1.20)		
			EXPLOATORY HOLE ENDS AT 1.20 m			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 Bright,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 426.4809/01/2015 15:13:29 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW186 Sheet 1 of 1		

Logged JC Checked AP	Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.00m Unable to progress through cobbles.	Dimensions and Orientation Width 1.70 m Length 4.20 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
0.80	ES 1		1 Soft to very soft light orangish brown sandy slightly gravelly SILT with medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular tabular of sandstone. (VO = 0,0)	(1.60)		
			EXPLORATORY HOLE ENDS AT 1.60 m	1.60		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy,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 426.4818/01/2015 14:54:25 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW187 Sheet 1 of 1		

Logged JC Checked AP	Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.80m Unable to progress through cobbles.	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
0.40	ES 1		1 Orangish brown slightly 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. Cobbles are angular to subangular tabular of sandstone. (VO = 0,0)	(0.80)		
			EXPLORATORY HOLE ENDS AT 0.80 m	0.80		
						</

Trial Pit Log

Logged JC Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.40m Unable to progress through cobbles.		Dimensions and Orientation Width 1.60 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	Backfill/ Instruments
0.70	ES 1		1 Brown occasionally heavily stained dark grey slightly 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. Cobbles are angular to subangular of sandstone. Faint hydrocarbon odour. (VO = 3,1)			(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 Bright,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 426.4809/01/2015 15:13:32 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW189 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 31/10/2014 End 31/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.90m Unable to progress through cobbles.	Dimensions and Orientation Width 1.30 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 (TOPSOIL) Brown slightly silty fine to coarse SAND with frequent roots.	(0.30)			
1.50	ES 2		2 Brown 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 = 0,0)	0.30			
2.50	ES 3			(3.60)			
3.50	ES 4						
			EXPLORATORY HOLE ENDS AT 3.90 m	3.90			
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 Dry,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 NSW19 Sheet 1 of 1			

Trial Pit Log



Logged AW Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.20m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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 Brown slightly silty 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. (VO = 0,0)			(2.20)		
1.50	ES 2							
			EXPLORATORY HOLE ENDS AT 2.20 m			2.20		
			2.20 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 (c) ESG www.esg.co.uk 426.4807/01/2015 16:03:40 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW190 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.4m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 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) Brown slightly silty gravelly fine to coarse SAND with high cobble content. Gravel is angular to subangular, fine to coarse of sandstone, brick and concrete. Cobbles are angular to subangular of sandstone. (VO = 0,1) EXPLORATORY HOLE ENDS AT 0.40 m	(0.40) 0.40 0.40 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 (c) ESG www.esg.co.uk 426.4807/01/2015 16:03:45 AGS			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW191 Sheet 1 of 1	

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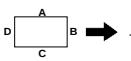
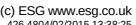
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Trial Pit Log

Logged NK Checked AP		Start 17/10/2014 End 17/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.3m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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) Light brown slightly sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone, brick and clinker. Cobbles are subangular to subrounded of sandstone and brick. (VO = 1,0)	(0.80)		
1.50	ES 2		2 (MADE GROUND) Yellowish brown gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and brick. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 1,2)	0.80		
2.50	ES 3			(2.50)		
			EXPLORATORY HOLE ENDS AT 3.30 m 3.30 m Sandstone bedrock.	3.30		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4818/01/2015 14:54:36			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW195 Sheet 1 of 1		

Trial Pit Log

[illegible]

Logged NK Checked AP		Start 17/10/2014 End 17/10/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.80m. Terminated due to water ingress.		Dimensions and Orientation Width 1.00 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	
		*	1 (MADE GROUND) Soft dark brown sandy gravelly SILT. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone, clinker and brick. Rare rootlets. (VO = 0,0)			(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) 0.00 0.80 No samples obtained.			Stability Unstable Shoring None Weather Overcast			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW197 Sheet 1 of 1			

Trial Pit Log



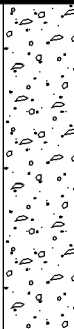
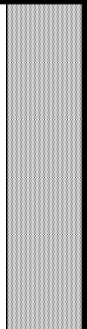
Logged AW Checked AJ		Start 29/10/2014 End 29/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated after hitting land drain resulting in contaminated water ingress.	Dimensions and Orientation Width 1.40 m Length 4.00 m A B C D B →	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Grey slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,3)	(1.80)			
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80			
			1.80 m Land drain.				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 1.80 Fast inflow of contaminated water.			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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW198 Sheet 1 of 1		



[illegible]

Logged AW Checked AP	Start 31/10/2014 End 31/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.6m Terminated on cobbles of sandstone.	Dimensions and Orientation Width 1.30 m Length 6.00 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
0.50	ES 1		1 (MADE GROUND) Brown slightly silty fine to coarse SAND with frequent roots. (VO = 0,0) 0.30 m Clay pipe.	(0.60)		
1.50	ES 2		2 Brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	0.60 (1.40)		
2.50	ES 3		3 Grey slightly silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with high cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 1,1)	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)			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 426.4824/01/2015 15:43:04 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW20 Sheet 1 of 1	

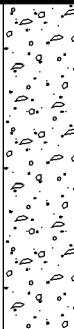
Trial Pit Log

Logged JC Checked AP	Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.10m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.80 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
0.50	ES 1		1 Light grey frequently stained grey slightly 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. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 2,3)	(1.10)		
			EXPLORATORY HOLE ENDS AT 1.10 m	1.10		

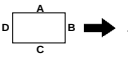
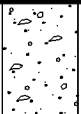
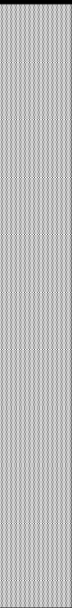
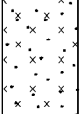
Trial Pit Log



Logged JC Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.20m Terminated due to water ingress.	Dimensions and Orientation Width 1.60 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	
0.60	ES 1		1 Light grey frequently stained dark grey slightly 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. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 2,3)	(1.20)			
			EXPLORATORY HOLE ENDS AT 1.20 m	1.20			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Cloudy,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. (c) ESG www.esg.co.uk 426.4804/02/2015 13:38:31			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW201 Sheet 1 of 1		

Logged JC Checked AP	Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.10m Terminated due to water ingress.	Dimensions and Orientation Width 1.70 m Length 4.20 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 Light grey frequently stained dark grey 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 subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 2,3)	(1.10)		
			EXPLORATORY HOLE ENDS AT 1.10 m	1.10		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy,gales.		
Notes: For explanation of 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 13:38:34 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW202 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 21/10/2014 End 21/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Unable to progress through cobbles.	Dimensions and Orientation Width 1.40 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 Brown slightly silty gravelly, fine to coarse SAND with low to medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Faint hydrocarbon odour. (VO = 0,1)	(1.10)		
1.50	ES 2		2 Light grey frequently stained dark grey slightly silty, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone with medium cobble content. Cobbles are subangular to subrounded consisting of sandstone. Strong hydrocarbon odour. (VO = 2,3)	1.10 (0.90)		
			EXPLORATORY HOLE ENDS AT 2.00 m	2.00		
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,gales		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4904/02/2015 13:38:38 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW203 Sheet 1 of 1		

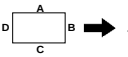
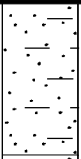
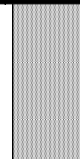
Trial Pit Log



Logged SP Checked AP		Start 27/11/2014 End 27/11/2014	Equipment, Methods and Remarks Komatsu PC210 machine excavated trial pit from GL to 1.5m Terminated due to 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	
0.50	ES 1		1 Soft locally firm dark grey sandy slightly gravelly SILT. Gravel is subangular to well rounded, fine to coarse of sandstone. Sand is fine to coarse. (VO = 0,0)				(0.75)			
			2 Firm dark grey moderately stained black sandy slightly gravelly SILT. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Sand is fine to coarse. (VO - 4,3)				0.75 (0.75)			
1.50	ES 2		EXPLORATORY HOLE ENDS AT 1.50 m				1.50 Concrete.			
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 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 426.4813/01/2015 15:06:46 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited				Trial Pit NSW204 Sheet 1 of 1			

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Trial Pit Log

Logged SP Checked AP		Start 24/11/2014 End 24/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.0m Terminated due to water ingress.	Dimensions and Orientation Width 1.40 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 Greyish brown gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded, fine to coarse of sandstone. Cobbles are subangular to well rounded of sandstone. Occasional rootlets. (VO = 0,0)	0.50		
1.50	ES 2		2 Dark grey gravelly clayey, fine to coarse SAND with low cobble content. Gravel is subrounded to well rounded, fine to coarse of sandstone and occasional siltstone. Cobbles are subrounded to well rounded of sandstone. (VO = 2,2)	(2.50)		
2.50	ES 3					
			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 Heavy flow.			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cold		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4816/01/2015 14:42:26			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW206 Sheet 1 of 1		

Trial Pit Log

Logged NK Checked AP		Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.9m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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) Dark brown slightly sandy slightly gravelly SILT with low cobble content. Sand is fine. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone, brick and clinker. Cobbles are subangular to subrounded of sandstone and brick. Occasional rootlets. (VO = 1,0)	(0.80)		
1.50	ES 2		2 Yellowish brown 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. Rare rootlets. (VO = 1,1)	0.80 (1.40)		
2.50	ES 3		3 Greyish brown mottled black gravelly medium to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Localised blackened areas. (VO = 3,4)	2.20		
3.50	ES 4			(2.70)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.90 m	4.90		
			4.90 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 426.4904/02/2015 13:38:41			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW207 Sheet 1 of 1		

Trial Pit Log

Logged NK Checked AP	Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.8m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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 Light brown slightly sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. Cobbles are subangular to subrounded of sandstone. Occasional rootlets. (VO = 1,0)	(3.30)		
1.50	ES 2					
2.50	ES 3					
3.50	ES 4		2 Greyish brown gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse consisting of mixed lithologies including sandstone. Cobbles are subangular to subrounded of sandstone. Localised blackened areas. (VO = 3,3)	3.30		
4.50	ES 5			(1.50)		
			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 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 426.4805/02/2015 09:17:28			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW208 Sheet 1 of 1	

Trial Pit Log

Logged NK Checked AJ		Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.4m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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 Light brown slightly sandy slightly gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone. Cobbles are subangular to subrounded occasionally tabular of sandstone. Occasional rootlets. (VO = 0,0)	(3.40)		
1.50	ES 2					
2.50	ES 3					
3.50	ES 4					
4.50	ES 5		2 Greyish brown mottled black gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, predominantly tabular of sandstone. Localised blackened areas. (VO = 2,3)	3.40		
			Stratum continues to 5.40 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 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 426.4805/02/2015 09:17:31			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW209 Sheet 1 of 2	

Trial Pit Log



Logged NK Checked AJ		Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.4m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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
			2 Greyish brown mottled black gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, predominantly tabular of sandstone. Localised blackened areas. (VO = 2,3) 5.40 m Bedrock. EXPLORATORY HOLE ENDS AT 5.40 m	5.40		
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 426.4805/02/2015 09:17:32			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW209 Sheet 2 of 2		

Logged AW Checked AP	Start 31/10/2014 End 31/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.5m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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) Brown subangular to subrounded fine to coarse GRAVEL of sandstone, brick and clay pipe. (VO = 0,0)	0.50	
			2 Brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)		
1.50	ES 2			(1.50)	
2.50	ES 3		3 Grey slightly silty 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. (VO = 1,1)	2.00	
3.00	ES 4				
			EXPLORATORY HOLE ENDS AT 3.50 m Sandstone.	3.50	
Depth	Type & No.	Records Date			
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Dry,clear.
Notes: 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 426.4824/01/2015 15.43.07			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW21 Sheet 1 of 1

Trial Pit Log

Logged NK Checked AP		Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.3m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 3.50 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) Dark brown slightly sandy slightly gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and brick. Cobbles are subangular to subrounded of brick and sandstone. Occasional rootlets. (VO = 0,0)	(1.50)		
1.50	ES 2		2 Light brown slightly sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone and siltstone. Cobbles are subangular to subrounded, occasionally tabular of sandstone. Occasional rootlets. (VO = 0,0)	(0.80)		
			EXPLORATORY HOLE ENDS AT 2.30 m 2.30 m 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 Rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4809/02/2015 15:00:38			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW210 Sheet 1 of 1		

Logged NK Checked AP		Start 23/10/2014 End 23/10/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.4m Terminated due to collapse.		Dimensions and Orientation Width 1.00 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
0.50	ES 1		1 Light 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. Cobbles are subangular to subrounded of sandstone. Frequent rootlets. (VO = 0,0)					(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 Unstable Shoring None Weather Rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4809/02/2015 15:00:41 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited					Trial Pit NSW211 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.3m Terminated due to collapse.	Dimensions and Orientation Width 1.00 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 brown slightly sandy slightly gravelly SILT with low cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are subangular to subrounded of sandstone. Occasional rootlets. (VO = 0,0)			(1.30)		
			EXPLORATORY HOLE ENDS AT 1.30 m			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 Unstable Shoring None Weather Rain		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4809/02/2015 15:00:47			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW212 Sheet 1 of 1		

Trial Pit Log

Logged NK Checked AP		Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.1m Terminated due to collapse.	Dimensions and Orientation Width 1.00 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) Light brown 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, occasionally tabular of sandstone. Occasional gravel sized pockets of orange medium sand. Occasional cobble sized pockets of black ash. Occasional rootlets. (VO = 0,0)	(1.40)		
1.50	ES 2		2 Greyish brown gravelly medium to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded, occasionally tabular of sandstone. Localised blackened areas. (VO = 2,3)	1.40 (0.70)		
			EXPLORATORY HOLE ENDS AT 2.10 m	2.10		
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 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 426.4809/02/2015 15:00:51			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW213 Sheet 1 of 1		

Logged NK Checked AP	Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.0m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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) Yellowish brown sandy gravelly SILT with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone and concrete. Gravel is subangular to subrounded, occasionally tabular fine to coarse of sandstone. Localised pockets of orangish brown silt. Occasional rootlets. (VO = 0,0)	(3.00)		
1.50	ES 2					
2.50	ES 3					
			EXPLORATORY HOLE ENDS AT 3.00 m	3.00		

Trial Pit Log

Logged NK Checked AJ		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.1m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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) Light brown slightly sandy slightly gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and brick. Cobbles are subangular to subrounded of sandstone. Occasional gravel sized pockets of orange medium sand. Occasional rootlets. Localised blackened areas. (VO = 2,0)			
1.50	ES 2			(2.90)		
2.50	ES 3					
3.50	ES 4		2 (MADE GROUND) Blackish grey slightly gravelly medium to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Cobbles are subangular to subrounded occasionally tabular of sandstone. Frequent blackened areas. (VO = 4,3)	2.90		
				(2.20)		
Depth	Type & No.	Records Date	Stratum continues to 5.10 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 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 426.4805/02/2015 09:17:35			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW215 Sheet 1 of 2	

Trial Pit Log



Logged NK Checked AJ		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.1m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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
			2 (MADE GROUND) Blackish grey slightly gravelly medium to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Cobbles are subangular to subrounded occasionally tabular of sandstone. Frequent blackened areas. (VO = 4,3) EXPLORATORY HOLE ENDS AT 5.10 m	5.10	
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 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 426.4805/02/2015 09:17:36 AGS			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW215 Sheet 2 of 2	

Trial Pit Log

Logged NK Checked AJ		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.3m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 4.50 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) Light brown sandy slightly gravelly SILT with medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone, brick and clinker. Cobbles are subangular to subrounded of sandstone. Localised blackened areas. Rare rootlets. (VO = 2,0)			
1.50	ES 2			(3.10)		
2.50	ES 3					
3.50	ES 4		2 (MADE GROUND) Geyish brown gravelly medium to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Cobbles are subangular to subrounded of sandstone. Localised blackened areas. (VO = 3,3)	3.10		
4.50	ES 5			(2.20)		
Depth	Type & No.	Records Date	Stratum continues to 5.30 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 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 426.4805/02/2015 09:17:39			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW216 Sheet 1 of 2	

Trial Pit Log



Logged NK Checked AJ		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.3m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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
			2 (MADE GROUND) Geyish brown gravelly medium to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone and clinker. Cobbles are subangular to subrounded of sandstone. Localised blackened areas. (VO = 3,3) 5.30 m Bedrock. EXPLORATORY HOLE ENDS AT 5.30 m	5.30		
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 426.4805/02/2015 09:17:40			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW216 Sheet 2 of 2	

Trial Pit Log

Logged NK Checked AJ		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.1m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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) Dark brown slightly gravelly SILT with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, brick, clinker and concrete. Cobbles are subangular to subrounded of sandstone and concrete. Rare rootlets. (VO = 2,1)	(0.90)		
1.50	ES 2		2 (MADE GROUND) Yellowish brown slightly sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone and concrete. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 1,1)	0.90 (1.20)		
2.50	ES 3		3 (MADE GROUND) Greyish brown gravelly medium to coarse SAND with medium cobble content. Gravel is subangular to subrounded of sandstone and clinker. Cobbles are subangular to subrounded occasionally tabular of sandstone. Localised blackened areas. (VO = 3,3)	2.10		
3.50	ES 4			(3.00)		
4.50	ES 5					
Depth	Type & No.	Records Date	Stratum continues to 5.10 m			
Groundwater Entries No. Struck Post Strike Behaviour (m)			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 NSW217 Sheet 1 of 2	

Trial Pit Log



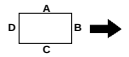
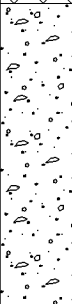
Logged NK Checked AJ		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.1m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 4.00 m A B C D B →	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
			3 (MADE GROUND) Greyish brown gravelly medium to coarse SAND with medium cobble content. Gravel is subangular to subrounded of sandstone and clinker. Cobbles are subangular to subrounded occasionally tabular of sandstone. Localised blackened areas. (VO = 3,3) EXPLORATORY HOLE ENDS AT 5.10 m	5.10		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			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 426.4805/02/2015 09:17:44 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW217 Sheet 2 of 2		

Trial Pit Log



Logged NK Checked AJ		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated on concrete slab.	Dimensions and Orientation Width 1.00 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) Dark brown sandy gravelly SILT with medium cobble content. Sand is fine to medium. Gravel is subangular to subrounded, fine to coarse of sandstone, brick, concrete and clinker. Cobbles are subangular to subrounded of sandstone and brick. Occasional rootlets. Localised blackened areas. (VO = 2,1) EXPLORATORY HOLE ENDS AT 0.50 m 0.50 m Concrete slab			0.50		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m)			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 426.4805/02/2015 09:17:47 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW218 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 16/10/2014 End 16/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.40m Unable to progress beyond 4.40m depth.	Dimensions and Orientation Width 1.30 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) Brown slightly silty gravelly SAND with frequent roots and rootlets. Gravel is angular to subangular, fine to coarse of concrete, brick and sandstone. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Blackish dark grey slightly silty gravelly, fine to coarse SAND with high cobble content. Gravel is angular, fine to coarse of gravel, sandstone and brick. Cobbles are angular to subrounded of brick. (VO = 0,1)	(1.00)		
2.50	ES 3		3 Grey slightly silty gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 1,2),	(2.40)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 4.40 m	4.40		
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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW219 Sheet 1 of 1		

Logged AW	Start 30/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.9m Terminated on bedrock.		Dimensions and Orientation Width 1.30 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 (TOPSOIL) Brown slightly silty fine to coarse SAND with frequent roots. (VO = 0,0)	0.50			
1.50	ES 2		2 Orangish brown slightly silty slightly gravelly fine to coarse SAND with high cobble content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are angular to subangular sandstone. (VO = 0,0)	1.50			
2.50	ES 3		3 Grey slightly silty SAND and GRAVEL. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0) becoming (VO = 1,1) from 3.5m depth.	2.00			
3.50	ES 4			3.90			
			EXPLORATORY HOLE ENDS AT 3.90 m Sandstone bedrock.	3.90			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m)			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 426.4808/01/2015 16.01.45			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW22 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AJ		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.3m Terminated on bedrock.	Dimensions and Orientation Width 1.00 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) Light brown slightly silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone and clinker with medium cobble content. Sand is fine to medium. Cobbles are subangular to subrounded of sandstone. Rare rootlets. Localised blackened areas. (VO = 3,1)			(2.20)		
1.50	ES 2							
2.50	ES 3		2 (MADE GROUND) Greyish brown gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, clinker and concrete. Cobbles are subangular to subrounded of sandstone. (VO = 2,3)			2.20		
3.50	ES 4					(2.10)		
			EXPLORATORY HOLE ENDS AT 4.30 m			4.30		
			4.30 m Bedrock					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.00 Slight seepage from B side.			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 426.4805/02/2015 09.17.50			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW221 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GI to 0.5m Terminated due to flooding.	Dimensions and Orientation Width 1.00 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 sandy gravelly SILT. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone. (VO = 0,0)		(0.50)		
			EXPLORATORY HOLE ENDS AT 0.50 m		0.50		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m) 0.00 No Samples Obtained due to cross contamination.		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 426.4805/02/2015 09:17:53			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW222 Sheet 1 of 1		

Trial Pit Log



Logged NK Checked AP		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.5m Terminated due to flooding.	Dimensions and Orientation Width 1.00 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 sandy gravelly SILT. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone. (VO = 0,0)		(0.50)		
			EXPLORATORY HOLE ENDS AT 0.50 m		0.50		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m) 0.00 No Samples Obtained cross contamination		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 426.4805/02/2015 09:17:55			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW223 Sheet 1 of 1		

Logged NK Checked AP		Start 20/10/2014 End 20/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.7m Terminated on concrete.		Dimensions and Orientation Width 1.00 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) Greyish brown mottled black gravelly medium to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone, concrete, brick and clinker. Cobbles are subangular to subrounded occasionally tabular of sandstone. Localised blackened areas. Occasional rootlets. (VO = 3,3)				(1.70)		
1.50	ES 2								
			EXPLORATORY HOLE ENDS AT 1.70 m				1.70 Concrete.		

Trial Pit Log

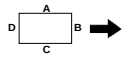
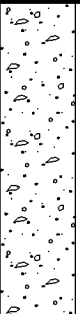
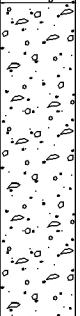


Logged AW Checked AP		Start 29/10/2014 End 29/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.4m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 6.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (TOPSOIL) Brown slightly silty fine to coarse SAND with frequent roots. (VO = 0,0)			0.20		
1.50	ES 2		2 Grey slightly silty gravelly fine to coarse SAND with high cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 1,2)			(3.20)		
2.50	ES 3							
3.40	ES 4		EXPLORATORY HOLE ENDS AT 3.40 m			3.40		
			3.40 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, 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 426.4805/02/2015 09:18:01			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW225 Sheet 1 of 1		

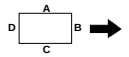
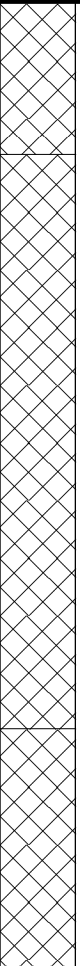
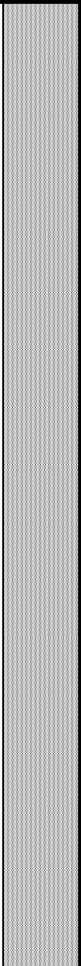
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Logged JC Checked AP		Start 16/10/2014 End 16/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.50m Terminated due to water ingress.		Dimensions and Orientation Width 1.20 m Length 3.60 m A B C D ➡ -		Ground Level Coordinates National Grid Chainage			- - -
Samples and Tests				Strata						
Depth	Type & No.	Date Records	Description				Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
		*	1 Greyish brown 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 subangular to subrounded of sandstone. Faint hydrocarbon odour. (VO = 0,1)				(1.50)			
			EXPLORATORY HOLE ENDS AT 1.50 m				1.50			
Depth	Type & No.	Records Date								
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m) 0.00 No Samples Obtained due to cross contamination.				Stability Stable Shoring None Weather Cloudy,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 426.4808/01/2015 16:02:25 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited				Trial Pit NSW227 Sheet 1 of 1			

Trial Pit Log

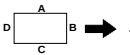
Logged JC Checked AP	Start 16/10/2014 End 16/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.30m Unable to progress through cobbles.	Dimensions and Orientation Width 1.50 m Length 4.10 m 	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Orangish brown silty gravelly, fine to coarse SAND with low to medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	(2.00)		
1.50	ES 2			2.00		
2.50	ES 3		2 Light grey frequently stained grey slightly silty SAND and GRAVEL with medium cobble content. Sand is fine to coarse. Gravel is angular to subrounded of sandstone. Cobbles are angular to subangular of sandstone. Strong hydrocarbon odour. (VO = 2,4)	(1.30)		
			EXPLORATORY HOLE ENDS AT 3.30 m	3.30		
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,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 NSW228 Sheet 1 of 1	

Trial Pit Log

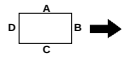
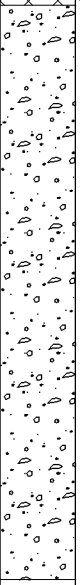
Logged NK Checked AP	Start 14/10/2014 End 14/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.2m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 4.00 m 		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown slightly silty gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone, brick and clinker. Cobbles are subangular to subrounded, fine to coarse of sandstone and brick. Localised blackened areas. (VO = 2,1)	0.50		
1.50	ES 2		2 (MADE GROUND) Yellowish brown gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and clinker. Cobbles are subangular to subrounded, fine to coarse of sandstone. Localised blackened areas. (VO = 2,1)	1.90		
2.50	ES 3		3 (MADE GROUND) Brown slightly silty gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded, fine to coarse of mixed lithologies including sandstone and clinker. Cobbles are subangular to subrounded occasionally tabular of sandstone. (VO = 1,1)	2.40		
			EXPLORATORY HOLE ENDS AT 3.20 m 3.20 m Bedrock	3.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			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 NSW229 Sheet 1 of 1	

Trial Pit Log

Logged AW Checked AP		Start 28/10/2014 End 28/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.60m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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) Black sandy subangular to subrounded fine to coarse GRAVEL of brick and concrete. Sand is fine to coarse of ash. 1 No. metal pipe. (VO = 0,0)	0.50		
			2 Orangish brown gravelly slightly silty fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(0.50)		
1.50	ES 2		3 Greyish brown gravelly slightly silty 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 = 0,0)	1.00		
2.50	ES 3			(3.60)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 4.60 m 4.60 m Sandstone bedrock.	4.60		
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 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 426.4818/02/2015 14:01:19			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW23 Sheet 1 of 1		

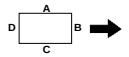
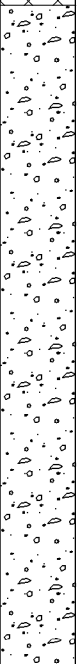
Logged AW	Start 14/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.5m Terminated on bedrock.		Dimensions and Orientation Width 1.30 m Length 6.00 m				Ground Level Coordinates National Grid Chainage	
Checked AP	End 14/10/2014								
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level (Thickness)	Legend	Backfill/ Instrument	
0.50	ES 1		1 (MADE GROUND) Greyish brown slightly clayey gravelly, fine to coarse SAND. Gravel is subangular to rounded, fine to coarse of sandstone and brick. Frequent roots. (VO = 0,0) 2 Brown becoming grey brown from 2.4m slightly silty sandy subangular to subrounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 0,0) becoming (VO = 0,1) from 2.40m.			(0.30)			
1.50	ES 2					(2.20)			
2.40	ES 3								
			EXPLORATORY HOLE ENDS AT 2.50 m			2.50			

Trial Pit Log

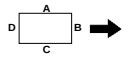
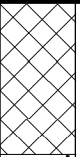
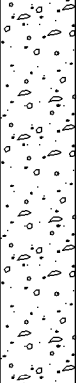
Logged AW Checked AP		Start 14/10/2014 End 14/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.		Dimensions and Orientation Width 1.00 m Length 6.00 m 		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
0.50	ES 1		1 (MADE GROUND) Grey slightly silty gravelly, fine to coarse SAND. Gravel is subangular to rounded, fine to coarse of sandstone, concrete and brick. (VO = 1,1)	0.30		1		
1.50	ES 2		2 Orangish brown slightly silty sandy, angular to subrounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 2,0) becoming (VO = 0,0) from 1.5m depth.	(1.90)				
2.10	ES 3							
			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) 1 0.30 Oozing from top.			Depth Related Remarks * From to (m)			Stability Shoring 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 NSW231 Sheet 1 of 1		

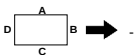
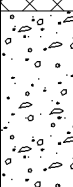
Logged AW Checked AP		Start 14/10/2014 End 14/10/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on bedrock.		Dimensions and Orientation Width 1.00 m Length 6.00 m		A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata								
Depth	Type & No.	Date Records	Description						Depth, Level (Thickness)	Legend	Backfill/ Instrument
0.50	ES 1		1 (MADE GROUND) Grey slightly clayey gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone with occasional concrete, boulder and rebar. (VO = 0,0) 0.30 m Concrete slab.						0.50		1
1.50	ES 2		2 Orangish brown slightly silty sandy angular to subangular, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular of sandstone.						(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 0.30 Oozing puddle surface 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 426.4813/01/2015 09:00:09			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited						Trial Pit NSW232 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 14/10/2014 End 14/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.5m Unable to progress beyond 2.50m depth.	Dimensions and Orientation Width 1.00 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) Greyish purple slightly silty gravelly, fine to coarse SAND with low boulder content. Boulders are angular to subangular of concrete. Gravel is angular, fine to coarse of brick, sandstone and concrete. Sand is fine to coarse. Some roots and rootlets. (VO = 0,0)	0.30			
1.50	ES 2		2 Greyish brown slightly silty sandy angular to subrounded, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 0,0)	(2.20)			
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) 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 NSW233 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 14/10/2014 End 14/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on bedrock.	Dimensions and Orientation Width 1.00 m Length 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) Greyish brown slightly clayey gravelly, fine to coarse SAND. Gravel is angular to subangular, fine to coarse, of sandstone, concrete and clay pipe. Occasional timber fragments. (VO = 1,2)	0.50			
1.50	ES 2		2 Greyish brown slightly silty sandy, angular to subangular, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 2,2)	(1.30)			
			EXPLORATORY HOLE ENDS AT 1.80 m 1.80 m Bedrock	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 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 NSW234 Sheet 1 of 1		

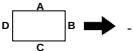
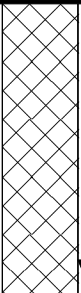
Logged AW Checked AP	Start 14/10/2014 End 14/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1m Terminated on concrete slab.	Dimensions and Orientation Width 1.00 m Length 6.00 m 		Ground Level Coordinates National Grid Chainage	-	-	-
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Grey slightly silty sandy angular to subangular, fine to coarse GRAVEL of brick, clinker, sandstone and concrete. Sand is fine to coarse. (VO = 1,1)			0.50		
1.00	ES 2		2 Brown slightly silty sandy angular to subangular, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 1,1)			0.60		
			EXPLORATORY HOLE ENDS AT 1.10 m 1.10 m Concrete slab.			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 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 426.4818/01/2015 14:54:41 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW235 Sheet 1 of 1		

Logged AW	Start 14/10/2014	Equipment, Methods and Remarks	Dimensions and Orientation	Ground Level		
Checked AP	End 14/10/2014	Komatsu PC210 Machine excavated trial pit from GL to 1.1m Terminated on bedrock.	Width 1.00 m Length 6.00 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 Dark grey slightly silty gravelly, fine to coarse SAND. Gravel is subangular to rounded of sandstone and brick. Frequent roots and rootlets. (VO = 2,1)	(0.50)		
1.00	ES 2		2 Orangish brown slightly silty sandy angular to subangular fine to coarse GRAVEL of sandstone with high cobble and boulder content. Cobbles and boulders are angular to subangular of sandstone. (VO = 0,0)	(0.60)		
			EXPLORATORY HOLE ENDS AT 1.10 m	1.10		
					</	

Trial Pit Log

Logged AW Checked AP	Start 14/10/2014 End 14/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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) Dark grey slightly silty gravelly, fine to coarse SAND. Gravel is subangular to subrounded of sandstone. Rare timber and roots. (VO = 2,1)	(1.00)
1.50	ES 2		2 Orangish brown slightly silty sandy angular to subangular, fine to coarse GRAVEL of sandstone. Sand is fine to coarse. (VO = 0,0)	1.00 (1.20)
			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)	
Notes: For explanation of 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 NSW237 Sheet 1 of 1	

Trial Pit Log

Logged AW Checked AP		Start 14/10/2014 End 14/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.0m Terminated on bedrock.	Dimensions and Orientation Width 1.30 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) Brown and dark grey slightly silty gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of brick, concrete and sandstone. Frequent metal pipe, rebar and wood fragments. (VO = 3,2)	(1.00)				
1.50	ES 2		2 Orangish brown slightly clayey gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(1.00)				
			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) 1 0.90 Oozing black liquid from sides.			Depth Related Remarks * From to (m)			Stability Stable 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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW238 Sheet 1 of 1		