

Trial Pit Log



Logged CP Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Unable to progress through cobbles.		Dimensions and Orientation Width 1.50 m Length 4.50 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (MADE GROUND) Firm brown to greyish brown slightly gravelly sandy CLAY with low cobble content. Sand is fine to coarse (predominantly fine). Gravel is angular to subangular, fine to coarse of sandstone, brick, concrete and mortar. Cobbles are subangular of concrete. Abundant roots and rootlets. Occasional wood fragments, shards of glass and pottery and rare scrap iron fragments. (VO = 0,0)			(1.20)			
1.50	ES 2		2 Brownish grey slightly gravelly silty fine to coarse SAND with high cobble content and low boulder content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are subrounded to subangular of sandstone. Boulders are of sandstone. (VO = 0,1)			1.20			
2.50	ES 3		2.70-4.50 m Medium cobble content.			(3.30)			
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) 1 3.60 Slow seepage			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Cloudy,hot			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 13:59:53			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW480 Sheet 1 of 1			

Trial Pit Log



Logged CP Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.40m Terminated on concrete.	Dimensions and Orientation Width 1.50 m Length 5.00 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		
0.30	ES 1		1 (MADE GROUND) Dark greyish brown slightly silty sandy angular to subangular, fine to coarse GRAVEL of brick, dolomite, concrete, tile and mortar with high cobble content and medium boulder content. Sand is fine to coarse. Cobbles are subangular of concrete and brick. Boulders are subangular of brick. (VO = 0,0)	(0.40)				
0.70	ES 2		2 Firm mottled orangish brown and brown slightly gravelly sandy CLAY. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Abundant roots and rootlets. Rare wood fragments. (VO = 0,0)	(0.40)				
			0.80 m Concrete. EXPLORATORY HOLE ENDS AT 0.80 m	0.80				
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Cloudy,warm		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4908/02/2015 13:59:57			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW481 Sheet 1 of 1		

Trial Pit Log

Logged CP Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.60m Terminated on bedrock.	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	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark greyish brown slightly silty slightly gravelly clayey fine to coarse SAND with high cobble content and low boulder content. Gravel is angular to subangular, fine to coarse of sandstone, brick, concrete and tile. Cobbles are angular to subangular of sandstone, brick and rare concrete. Boulders are of sandstone. Abundant roots and rootlets. (VO = 0,0)	(0.90)		
1.50	ES 2		2 Firm mottled orangish brown, brown and greyish brown slightly gravelly sandy CLAY with medium cobble content and occasional pockets of dark grey clayey sand. Sand is fine to coarse (predominantly fine). Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subrounded to subangular of sandstone. (VO = 0,0)	0.90 (1.00)		
2.50	ES 3		3 Brownish grey slightly gravelly silty fine to coarse SAND with high cobble content and low boulder content. Gravel is subrounded to subangular, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Boulders are of sandstone. (VO = 0,0)	1.90 (2.70)		
3.50	ES 4		3.60-4.60 m High boulder content.			
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.60 m	4.60		
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.50 Slow water seepage.			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Overcast, hot		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 14:00:00			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW482 Sheet 1 of 1		

Trial Pit Log

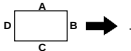
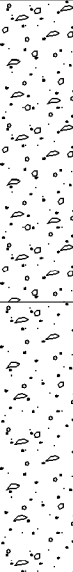
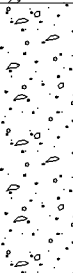
Logged CP Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.80m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level, (Thickness), Legend, Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark greyish brown slightly silty slightly gravelly clayey fine to coarse SAND with low cobble content. Gravel is angular to subangular, fine to coarse of sandstone, brick, concrete and rare fragments of coal. Cobbles are subrounded to subangular of sandstone. Abundant rootlets and occasional roots. (VO = 0,0)	(0.70)		
1.50	ES 2		2 (MADE GROUND) Firm orangish brown indistinctly mottled greyish brown slightly gravelly sandy CLAY with low cobble content. Sand is fine to medium (predominantly fine). Gravel is subrounded to subangular, fine to coarse of sandstone. Cobbles are subrounded, fine to coarse of sandstone. (VO = 0,0)	0.70 (1.50)		
2.50	ES 3		3 Brownish grey slightly gravelly silty fine to coarse SAND with high cobble content and low boulder content. Gravel is subrounded to subangular, fine to coarse of sandstone. Cobbles are subrounded of sandstone. Boulders are subrounded to subangular tabular of sandstone. (VO = 0,1)	2.20		
3.50	ES 4			(2.60)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.80 m	4.80		
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.90 Slow seepage			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Hot and 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 NSW483 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 15/10/2014 End 15/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated due to collapse.	Dimensions and Orientation Width 1.00 m Length 6.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level, (Thickness)		
Depth	Type & No.	Date Records	Description	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brick flagstones over orangish brown slightly clayey gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone (VO = 0,0).	(1.50)		
1.50	ES 2		2 Grey slightly silty gravelly, fine to coarse SAND. Gravel is subangular to rounded, fine to coarse of sandstone. (VO = 1,1),	1.50		
2.50	ES 3					
3.50	ES 4			(3.50)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability 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 (c) ESG www.esg.co.uk 426.4815/01/2015 15:31:24			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW484 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 15/10/2014 End 15/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.7m Unable to progress through cobbles.	Dimensions and Orientation Width 41.00 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) Dark greyish orange slightly clayey gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Occasional metal fragments. (VO = 3,1)	(1.00)		
1.50	ES 2		2 Brownish grey slightly silty gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 3,2) becoming (VO = 2,2) from 3.5m depth.	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		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 1.00 Oozing from top			Depth Related Remarks * From to (m)	Stability Collapse due to groundwater ingress Shoring None Weather Dry		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW487 Sheet 1 of 1		

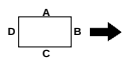
Logged JC	Start 02/10/2014	Equipment, Methods and Remarks	Dimensions and Orientation		Ground Level	
Checked AP	End 02/10/2014	Komatsu PC210 Machine excavated trial pit from GL to 1.90m Terminated on concrete.	Width 1.70 m Length 4.10 m		Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Greyish brown slightly silty SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Faint hydrocarbon odour. (VO = 0,1)	(1.00)		
1.50	ES 2		2 Orangish light brown 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 angular to subangular of sandstone. Distinct hydrocarbon odour. (VO = 0,2)	1.00 (0.90)		
			EXPLORATORY HOLE ENDS AT 1.90 m	1.90 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 Sunny,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 (c) ESG www.esg.co.uk 426.4818/02/2015 14:04:19			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW488 Sheet 1 of 1	

Trial Pit Log

Logged JC Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.60m Unable to progress through cobbles.	Dimensions and Orientation Width 1.60 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 (MADE GROUND) Greyish brown occasionally stained dark 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 and occasional brick. Faint hydrocarbon odour. (VO = 2,1)	(1.10)		
1.50	ES 2		2 Brownish light grey frequently stained grey slightly silty locally 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. Strong hydrocarbon odour. (VO = 2,3)	1.10 (0.50)		
			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 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 426.4818/02/2015 14:04:45			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW489 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 4.2m 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) Black slightly silty slightly sandy subangular to subrounded fine to coarse GRAVEL of sandstone, concrete and brick. Sand is fine to coarse of ash. (VO = 0,0)	(0.60)		
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)	0.60		
2.50	ES 3			(3.60)		
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 (c) ESG www.esg.co.uk 426.4817/02/2015 15:57:04			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW49 Sheet 1 of 1		

Logged JC	Start 02/10/2014	Equipment, Methods and Remarks	Dimensions and Orientation	Ground Level
Checked AP	End 02/10/2014	Komatsu PC210 Machine excavated trial pit from GL to 2.00m Terminated on bedrock.	Width 1.40 m Length 3.90 m 	Coordinates - National Grid - Chainage -
Samples and Tests		Strata		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness) Legend Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown frequently stained dark grey slightly silty locally silty SAND and GRAVEL with low cobble and boulder content. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Boulders are angular to subangular of concrete. Distinct hydrocarbon odour. (VO = 2,2)	(0.90)
1.50	ES 2		2 Brownish light grey occasionally stained dark grey SAND and GRAVEL with 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. Strong hydrocarbon odour. (VO = 1,3)	0.90 (1.10)
			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,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 (c) ESG www.esg.co.uk 426.4818/02/2015 14:06:07			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW491 Sheet 1 of 1

Trial Pit Log

Logged JC Checked AP		Start 03/10/2014 End 03/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.20m Unable to progress through cobbles.	Dimensions and Orientation Width 1.70 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 (MADE GROUND) Brown frequently stained grey silty locally 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 and occasional brick. Faint hydrocarbon odour. Frequent logs of wood. (VO = 2,1)	(1.30)		
1.50	ES 2		2 Light grey occasionally heavily 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 = 3,3)	1.30		
2.50	ES 3					
3.50	ES 4			(2.90)		
			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 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 Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW492 Sheet 1 of 1		

Trial Pit Log

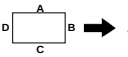
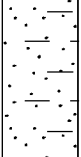
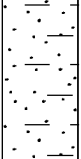
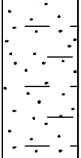
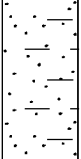
Logged JC Checked AP		Start 03/10/2014 End 03/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.10m Unable to progress through cobbles.	Dimensions and Orientation Width 1.50 m Length 4.40 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown peaty 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 and occasional brick. (VO = 0,0)	(1.10)		
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 angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 2,3)	1.10		
2.50	ES 3			(3.00)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 4.10 m	4.10		
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,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 426.4818/02/2015 14:06:30			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW493 Sheet 1 of 1		

Trial Pit Log

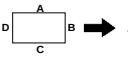
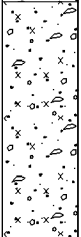


Logged JC Checked AP		Start 03/10/2014 End 03/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.00m Unable to progress through concrete.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Dark brown sandy gravelly fibrous PEAT. Gravel is angular to subrounded, fine to coarse of sandstone. Frequent rootlets and logs. (VO = 0,0)			(1.00)		
			EXPLORATORY HOLE ENDS AT 1.00 m			1.00		
			1.00 m 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 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. (c) ESG www.esg.co.uk 426.4818/02/2015 14:06:42 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW494 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 4.0m Terminated due to water ingress.	Dimensions and Orientation Width 1.50 m Length 3.00 m 	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata	Depth, Level/ (Thickness)		
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 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 Greyish brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is subangular to well rounded of sandstone. Cobbles are subrounded to well rounded of 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 3.00 Entered pit			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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW495 Sheet 1 of 1		

Trial Pit Log

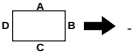
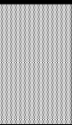
Logged JC Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.50m Unable to progress through cobbles.	Dimensions and Orientation Width 1.50 m Length 3.80 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown occasionally stained 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. Faint hydrocarbon odour. (VO = 1,1)	(0.70)		
			2 Brownish light grey occasionally stained 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 angular to subangular of sandstone. Strong hydrocarbon odour. (VO = 1,3)	0.70 (0.80)		
1.50	ES 2		EXPLORATORY HOLE ENDS AT 1.50 m	1.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Sunny,windy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW497 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.30m Terminated as no progress through cobbles and boulders.	Dimensions and Orientation Width 1.70 m Length 4.30 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 occasionally stained grey slightly silty locally 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 = 1,0)	(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 angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 2,4)	0.70 (1.60)		
			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 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 426.4904/02/2015 13:39:31			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW498 Sheet 1 of 1		

Trial Pit Log



Logged JC Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.40m Terminated on concrete.	Dimensions and Orientation Width 1.50 m Length 3.40 m 		Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 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. (VO = 0,0)			(0.40)		
			EXPLORATORY HOLE ENDS AT 0.40 m Concrete.			0.40		
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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW499 Sheet 1 of 1		



Trial Pit Log



Logged AW Checked AP		Start 04/11/2014 End 04/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.8m Terminated at maximum reach of excavator.		Dimensions and Orientation Width 1.30 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) Light brown and grey subangular to subrounded fine to coarse GRAVEL of concrete, brick and aggregate. (VO = 0,0)			(1.30)			
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 subangular to subrounded of sandstone. (VO = 0,1)			1.30			
2.50	ES 3								
3.50	ES 4					(3.50)			
4.50	ES 5								
			EXPLORATORY HOLE ENDS AT 4.80 m			4.80			
Depth	Type & No.	Records Date							
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 15:42:53 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW5 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 3.1m 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 with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of brick. (VO = 0,0) 0.50 m Layer of crushed brick.			(3.10)		
1.50	ES 2							
2.50	ES 3							
			EXPLORATORY HOLE ENDS AT 3.10 m			3.10		
			3.10 m Sandstone.			3.10		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Dry		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/01/2015 16.01.52			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW50 Sheet 1 of 1		

Trial Pit Log

[illegible]

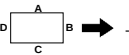
Trial Pit Log

Logged JC Checked AP	Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.10m Unable to progress through cobbles.	Dimensions and Orientation Width 1.50 m Length 3.80 m 	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests		Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown occasionally stained 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 and brick. Distinct hydrocarbon odour. (VO = 1,2)	(0.90)		
1.50	ES 2		2 Brownish light grey frequently stained grey slightly 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. Strong hydrocarbon odour. (VO = 2,3)	0.90 (1.20)		
			EXPLORATORY HOLE ENDS AT 2.10 m	2.10		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 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 426.4804/02/2015 13:39:41			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW501 Sheet 1 of 1	

Trial Pit Log



Logged JC Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.00m Terminated on bedrock.	Dimensions and Orientation Width 1.40 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 Brownish 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. Faint hydrocarbon odour. (VO = 0,1)			(0.80)		
1.50	ES 2		2 Light brown occasionally stained light 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. Distinct hydrocarbon odour. (VO = 1,2)			0.80 (1.20)		
			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 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 426.4804/02/2015 13:39:44 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW502 Sheet 1 of 1		

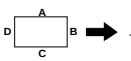
Logged JC Checked AP	Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.40m Unable to progress through cobbles.	Dimensions and Orientation Width 1.70 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -
Samples and Tests			Strata	
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness) Legend Backfill/ Instruments
0.70	ES 1		1 Orangish brown slightly silty locally silty slightly gravelly, fine to coarse (predominantly fine to medium) 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)	(1.40)
			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 Raining
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 13:39:49 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW503 Sheet 1 of 1

Trial Pit Log



Logged JC Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.20m Unable to progress through cobbles.	Dimensions and Orientation Width 1.50 m Length 4.10 m A D-----B C →		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 Brown occasionally 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 angular to subangular tabular of sandstone. (VO = 1,0)	(1.20)			
EXPLORATORY HOLE ENDS AT 1.20 m				1.20	-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 Raining,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 NSW504 Sheet 1 of 1	



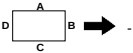
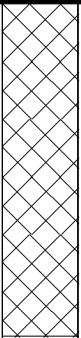
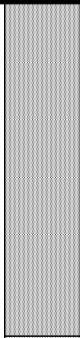
Logged JC Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.00m Unable to progress through cobbles.	Dimensions and Orientation Width 1.40 m Length 3.90 m 		Ground Level - Coordinates - National Grid - Chainage -
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown 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 angular to subangular of sandstone. Faint hydrocarbon odour. (VO = 2,1)	(1.00)		
			EXPLORATORY HOLE ENDS AT 1.00 m	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,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 426.4804/02/2015 13:39:55 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW505 Sheet 1 of 1	

Trial Pit Log

Logged JC Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.20m 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, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.30	ES 1		1 Light brown 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 = 0,0)	(0.60)		
0.90	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 angular to subangular of sandstone. Strong hydrocarbon odour. (VO = 2,3)	(0.60)		
			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,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 NSW506 Sheet 1 of 1		

Trial Pit Log



Logged JC Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.10m Unable to progress through cobbles.	Dimensions and Orientation Width 1.50 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
		*	1 (MADE GROUND) Soft dark brown sandy gravelly SILT with high cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone, clinker and brick. Cobbles are subangular to subrounded of sandstone and brick. (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) 0.00 1.10 No samples obtained.			Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4804/02/2015 13:40:01 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW507 Sheet 1 of 1		

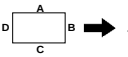
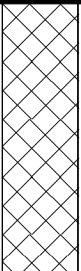
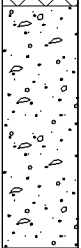
Trial Pit Log

Logged JC Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.30m Unable to progress through cobbles.	Dimensions and Orientation Width 1.50 m Length 3.70 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 and dark brown slightly silty slightly gravelly, fine to coarse SAND. Gravel is angular to subrounded of sandstone. (VO = 0,0)	(0.80)		
1.00	ES 2		2 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 angular to subangular of sandstone. (VO = 0,0)	0.80 (0.50)		
			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 Stable Shoring None Weather Raining		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW508 Sheet 1 of 1		

Trial Pit Log

[illegible]

Trial Pit Log

Logged JC Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.70m Terminated on bedrock	Dimensions and Orientation Width 1.50 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) Orangish brown slightly silty locally silty slightly gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Occasional cobble sized pockets of ash and clinker. (VO = 0,0)	(0.90)		
1.50	ES 2		2 Light 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 angular to subangular of sandstone. (VO = 0,0)	0.90 (0.80)		
			EXPLORATORY HOLE ENDS AT 1.70 m	1.70		
			1.70 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, cloud, 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 (c) ESG www.esg.co.uk 426.4818/02/2015 14:06:57 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW510 Sheet 1 of 1		

Trial Pit Log

Logged NK Checked AJ		Start 07/10/2014 End 07/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.0m 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 Dark brown slightly sandy gravelly SILT with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Frequent rootlets. Rare pockets of medium sand. (VO = 0,0)	(1.00)		
			EXPLORATORY HOLE ENDS AT 1.00 m 1.00 m Bedrock.	1.00		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 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 426.4829/01/2015 13:25:40			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW511 Sheet 1 of 1		

Trial Pit Log

Logged CP Checked AP	Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.90m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.20 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 to greyish brown locally yellowish brown gravelly silty fine to coarse SAND with low cobble content and low boulder content. Gravel is angular to subangular, fine to coarse of sandstone and rare brick. Cobbles are subangular of sandstone and rare brick. Boulders are subangular of sandstone. Rare pockets of black silty sand of ash. (VO = 0,0)	(1.50)		
1.70	ES 2		2 Greyish brown to brownish grey gravelly silty fine to coarseSAND with high cobble content and medium boulder content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles and boulders are subangular of sandstone. (VO = 0,1)	1.50 (0.40)		
			EXPLOATORY HOLE ENDS AT 1.90 m	1.90		

Trial Pit Log

Logged CP Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.70m Terminated on bedrock.	Dimensions and Orientation Width 1.50 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	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown to greyish brown gravelly silty fine to coarse SAND with medium cobble content. Gravel is angular to subangular, fine to coarse of sandstone and rare brick. Cobbles are angular to subangular of sandstone. Occasional roots and rootlets. (VO = 0,0)	(1.20)		
1.50	ES 2		2 Yellowish brown to orangish brown gravelly silty fine to coarse SAND with medium cobble content and low boulder content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Boulders are subangular of sandstone. Abundant rootlets. (VO = 0,0)	1.20 (0.50)		
2.50	ES 3		3 Grey locally stained dark grey silty sandy angular to subangular, fine to coarse GRAVEL of sandstone with high cobble content and low boulder content. Sand is fine to coarse. Cobbles are subangular of sandstone. Boulders are of sandstone. (VO = 1,3)	1.70 (1.00)		
			EXPLORATORY HOLE ENDS AT 2.70 m	2.70		
			2.70 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 Hot, 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 426.4818/02/2015 14:07:24			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW513 Sheet 1 of 1		

Trial Pit Log

Logged CP Checked AP	Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.30m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.50 m 	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests		Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Greyish brown locally brown slightly clayey gravelly silty SAND with high cobble content with occasional pockets of firm yellowish brown and brown slightly sandy silty clay. Sand is fine to coarse. Gravel is angular to subangular, fine to coarse of sandstone, rare brick and dolomite. Abundant rootlets. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Firm yellowish brown mottled grey and greyish brown slightly gravelly sandy SILT with medium cobble content. Sand is fine to coarse (predominantly fine). Gravel is subangular of sandstone. Cobbles are angular to subrounded of sandstone. Abundant rootlets. (VO = 0,0)	(1.10)		
2.30	ES 3		3 Greyish brown to brown gravelly silty fine to coarse SAND with high cobble content and low boulder content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Boulders are subangular tabular of sandstone. (VO = 0,0) 2.30 m - Sandstone bedrock. 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 Hot, sunny	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 13:40:08			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW514 Sheet 1 of 1	

Trial Pit Log

Logged CP Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.30m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.80 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 (MADE GROUND) Brown gravelly silty fine to coarse SAND with medium cobble content and low boulder content. Gravel is angular to subrounded, fine to coarse of sandstone, rare brick and dolomite. Cobbles are angular to subangular of sandstone. Boulders are subrounded of sandstone. Abundant roots and rootlets. Occasional fragments of clinker and coal. (VO = 0,0)	0.70		
			2 Yellowish brown mottled greyish brown and brown locally stained black gravelly silty fine to coarse SAND with medium cobble and boulder content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are subangular mainly tabular of sandstone. Boulders are subrounded of sandstone. (VO = 2,0)	(1.30)		
			3 Brownish grey to greyish brown gravelly silty SAND and GRAVEL with high cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded tabular of sandstone. Boulders are subangular tabular of sandstone. (VO = 1,1)	2.00 (0.30)		
			2.30 m Bedrock - 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) 0.00 2.30 No samples obtained.	Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 13:40:11			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW515 Sheet 1 of 1		

Trial Pit Log



Logged CP Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.10m Terminated on bedrock.	Dimensions and Orientation Width 1.80 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 Greyish brown gravelly silty fine to coarse SAND with low cobble content. Gravel is angular to subangular, fine to coarse of sandstone, clinker, coal and rare brick. Cobbles are angular to subangular of sandstone. Abundant roots and rootlets. Abundant steel and copper wire and cables (<10mm diameter). (VO = 0,0)		0.40		
1.50	ES 2		2 Yellowish brown gravelly silty CLAY with high cobble content and low boulder content. Cobbles are angular to subrounded of sandstone. Boulders are subangular of sandstone. Rare rootlets. (VO = 0,0)		(1.70)		
			EXPLORATORY HOLE ENDS AT 2.10 m		2.10		
			2.00-2.10 m Brownish grey. 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 Hot,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 NSW516 Sheet 1 of 1		



Trial Pit Log



Logged CP Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.40m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 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 mottled yellowish brown and greyish brown gravelly silty fine to coarse SAND with medium cobble content and low boulder content. Gravel is angular to subangular, fine to coarse of sandstone and rare concrete, brick and dolomite. Cobbles are angular to subangular of sandstone. Boulders are subangular to subrounded of sandstone. Abundant rootlets and occasional roots. Rare wood fragments. (VO = 0,0)	(1.20)			
1.30	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 tabular of sandstone. (VO = 0,0)	1.20 1.40			
			1.40 m Bedrock. - EXPLORATORY HOLE ENDS AT 1.40 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 Hot,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 NSW517 Sheet 1 of 1		



Trial Pit Log

Logged CP Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.80m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 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) Brownish grey to greyish brown locally brown gravelly silty fine to coarse SAND with medium cobble content and low boulder content. Gravel is angular to subangular, fine to coarse of sandstone and rare dolomite. Cobbles are subangular to subrounded of sandstone and rare brick. Boulders are subrounded of sandstone. Occasional pockets of firm slightly gravelly sandy silt. Occasional rootlets. (VO = 1,3)	(1.80)		
1.50	ES 2		1.60-1.80 m High cobble content. 1.80 m Bedrock	1.80		
			EXPLORATORY HOLE ENDS AT 1.80 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Hot, sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 13:40:20			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW518 Sheet 1 of 1		

Trial Pit Log

Logged CP Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.50m Terminated on boulder at base of pit.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark brownish grey slightly gravelly silty fine to coarse SAND with low cobble content and low boulder content. Gravel is angular to subrounded, fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone. Boulders are subangular of sandstone and masonry. Abundant roots and rootlets. (VO = 0,0)	(1.00)		
1.40	ES 2		2 Greyish brown gravelly silty fine to coarse SAND with high cobble content and medium boulder content. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are subangular to subrounded tabular of sandstone. Boulders are angular to subangular of sandstone. (VO = 0,0)	(0.50)		
			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 Hot,sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 13:40:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW519 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 03/10/2014 End 03/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.63m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 5.00 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Dark brown slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Rare rootlets. (VO = 0,0)			(0.83)		
1.50	ES 2		2 Brown to orangish brown slightly clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to rounded, fine to coarse of sandstone. (VO = 0,0)			0.83 (0.91)		
2.50	ES 3		3 Grey sandy angular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble and low boulder content. Sand is medium to coarse. Cobbles are subangular to subrounded and boulders are subangular of sandstone. (VO = 2,2)			1.74 (0.89)		
			EXPLORATORY HOLE ENDS AT 2.63 m 2.63 m Sandstone bedrock.			2.63		
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 13:40:27			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW520 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP	Start 03/10/2014 End 03/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.71m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.70 m 	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. Frequent rootlets. (VO = 0,0)	0.97		
1.50	ES 2		2 Greyish brown slightly 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. (VO = 1,1)	1.94		
2.50	ES 3					
3.50	ES 4		3 Grey sandy angular to rounded, fine to coarse GRAVEL of sandstone with high cobble and low boulder content. Sand is fine to coarse. Sand is fine to coarse. Cobbles are angular to subrounded. Boulders are angular to subrounded of sandstone. (VO = 2,2)	2.91		
4.50	ES 5			1.80		
			EXPLORATORY HOLE ENDS AT 4.71 m	4.71		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 NSW521 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 03/10/2014 End 03/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.12m Terminated due to solid sandstone.	Dimensions and Orientation Width 0.90 m Length 3.10 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 slightly gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone, glass and concrete. Cobbles are subangular to subrounded of sandstone. Occasional black organic material. (VO = 0,0)	(0.55)		
1.50	ES 2		2 Brownish grey gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 0,0)	0.55		
2.50	ES 3			(3.57)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 4.12 m	4.12		
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 NSW522 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.75m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.93 m Length 0.30 m 	Ground Level 0.00 mOD Coordinates E 0.00 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 with medium cobble and boulder content. Gravel is angular to rounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone and concrete. Boulders are angular to subrounded of sandstone, masonry and concrete. Rare rootlets. (VO = 0,0)	(0.83)		
1.50	ES 2		2 (MADE GROUND) Grey sandy subangular to rounded, 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 concrete and sandstone. (VO = 2,2)	0.83 -0.83		
2.50	ES 3					
3.50	ES 4			(3.92)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.75 m	4.75 -4.75		
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 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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW523 Sheet 1 of 1		

Trial Pit Log



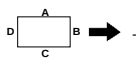
Logged KH Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.72m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.20 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown mottled black slightly clayey slightly gravelly, fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone and glass. Cobbles are subangular to subrounded of sandstone. Abundant coarse gravel pockets of organic material and rootlets. (VO = 1,1) 0.25 m Boulder of concrete (200 x 100 x 90mm) 0.40 m Plastic sheeting. 0.50 m Pipe.			(0.69)		1
1.50	ES 2		2 Grey gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to rounded of sandstone. (VO = 2,2)			0.69		
2.50	ES 3							
3.50	ES 4					(4.03)		
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 0.50 Seepage out of pipe.			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4804/02/2015 13:40:39 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW524 Sheet 1 of 1		

Trial Pit Log

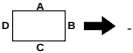
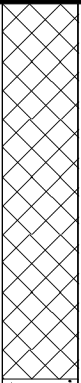
Logged KH Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.81m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.10 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples 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) Brown to dark brown slightly silty gravelly, fine to coarse SAND with low cobble and boulder content. Gravel is angular to subrounded, fine to coarse of sandstone and glass. Cobbles are angular to subrounded of sandstone. Boulders are subangular of concrete. (VO = 0,0)	0.23 (0.51)		
			2 Soft to firm gravelly sandy brown mottled black CLAY. Sand is fine to coarse. Gravel is subangular to rounded, fine to coarse of sandstone. Abundant rootlets and organic material. (VO = 2,1)	0.74		
1.50	ES 2		3 Grey to dark grey gravelly fine to coarse SAND with medium cobble and low boulder content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. Boulders are angular to subrounded of sandstone. (VO = 2,2)			
2.50	ES 3					
3.50	ES 4					
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.81 m	4.81		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 13:40:43			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW525 Sheet 1 of 1		

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 3.0m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C D E	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Light brown gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is angular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Cobbles are angular to well rounded of mixed lithologies including sandstone and siltstone. (VO = 0,0)	(0.50)		
1.50	ES 2		2 Grey gravelly slightly clayey, fine to coarse SAND with low cobble content. Gravel is angular to well rounded of sandstone. Cobbles are subangular to well rounded of sandstone. (VO = 0,0)	(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) 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 15:08:22 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW526 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 3.0m Terminated on bedrock.	Dimensions and Orientation Width 1.40 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) Light brown clayey gravelly, fine to coarse SAND. Gravel is subangular to well rounded, fine to coarse of sandstone. Occasional cobble size pockets of dark brown peat. (VO = 0,0)		(0.75)		
1.50	ES 2		2 (MADE GROUND) Light grey 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 subangular to well rounded of sandstone and occasional siltstone. Occasional plastic pipe. (VO = 0,0)		0.75		
2.50	ES 3				(2.25)		
			EXPLORATORY HOLE ENDS AT 3.00 m		3.00		

Trial Pit Log

Logged KH Checked AP	Start 02/10/2014 End 02/10/2014	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 3.40 m 	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Brown to dark brown slightly clayey slightly gravelly fine to coarse SAND with low cobble content. Gravel is angular to rounded, fine to coarse of sandstone and glass. Cobbles are subangular to rounded of sandstone. Frequent rootlets. (VO = 0,1)	(1.24)		
1.50	ES 2		2 Grey gravelly, fine to coarse SAND with high cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 2,2)	1.24		
2.50	ES 3					
3.50	ES 4			(3.41)		
4.50	ES 5		4.15-4.65 m Sandy gravel. (VO = 3,2)			
			EXPLORATORY HOLE ENDS AT 4.65 m	4.65		
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 NSW528 Sheet 1 of 1		

Trial Pit Log



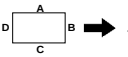
Logged KH Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.71m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.20 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
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 slightly gravelly fine to coarse SAND. Gravel is subangular to rounded, fine to coarse of sandstone. Abundant rootlets and rare metal wires. (VO = 1,1)			(1.17)		
1.50	ES 2		2 (MADE GROUND) Grey sandy subangular to rounded, fine to coarse GRAVEL of sandstone and glass with medium cobble and boulder content. Sand is fine to coarse. Cobbles are subangular to rounded of sandstone. Boulders are angular to subrounded of sandstone. (VO = 2,2) becoming (VO = 5,3) at 3.50m depth.			1.17		
2.50	ES 3							
3.50	ES 4		3.50-4.71 m Free product.			(3.54)		1
4.50	ES 5							
			EXPLORATORY HOLE ENDS AT 4.71 m			4.71		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 3.50 Oil			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 426.4818/02/2015 14:07:57			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW529 Sheet 1 of 1		

Trial Pit Log

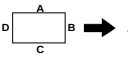
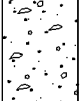
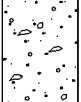
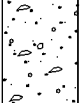
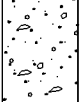
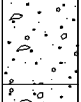


Logged KH Checked AP		Start 02/10/2014 End 02/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.61m Terminated at maximum reach of excavator.		Dimensions and Orientation Width 0.90 m Length 3.30 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata						
Depth	Type & No.	Date Records	Description				Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown slightly gravelly slightly clayey fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Abundant organic material, large wood/tree fragments and rootlets. (VO = 1,1)				(1.44)		
1.50	ES 2		2 Grey to brownish grey gravelly fine to coarse SAND with high cobble and low boulder content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Boulders are angular to subrounded of sandstone. (VO = 2,2)				1.44		
2.50	ES 3						(3.17)		
3.50	ES 4								
4.50	ES 5								
			EXPLORATORY HOLE ENDS AT 4.61 m				4.61		
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 426.4818/02/2015 14:08:00			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited				Trial Pit NSW530 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.81m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 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) Brown slightly gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 0,0)	0.30		
1.50	ES 2		2 (MADE GROUND) Dark brown to black slightly silty slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. Rare rootlets. (VO = 2,1) 0.94-1.00 m Subangular boulder of concrete.	1.48		
2.50	ES 3		3 Grey to brownish grey gravelly, fine to coarse SAND with high cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. No 1 subangular boulder of sandstone. (VO = 0,0) 1.78-2.63 m Slightly sandy gravel.	1.78		
3.50	ES 4			(3.03)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.81 m	4.81		
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 Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW531 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.83m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.10 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 Dark brown slightly sandy angular to rounded fine to coarse GRAVEL of sandstone with high cobble content. Sand is medium to coarse. Cobbles are angular to subrounded of sandstone. (VO = 1,1)	0.30			
1.50	ES 2		2 Brown to greyish brown slightly clayey slightly gravelly, fine to coarse SAND. Gravel is subangular to rounded, fine to coarse of sandstone. (VO = 2,2)	1.64			
2.50	ES 3		3 Grey gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 3,2)	1.94			
3.50	ES 4			(2.89)			
4.50	ES 5						
			EXPLORATORY HOLE ENDS AT 4.83 m	4.83			
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 Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW532 Sheet 1 of 1			

Trial Pit Log

Logged KH Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.71m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.20 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 clayey slightly gravelly, fine to coarse SAND with medium cobble content. Gravel is angular to rounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. Frequent rootlets and black organic material. Numerous pipes and metal wires (VO = 2,2). 0.20-0.40 m Concrete rebar boulders.	(0.96)		
1.50	ES 2		2 (MADE GROUND) Grey sandy subangular to rounded fine to coarse GRAVEL of sandstone with high cobble and boulder content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. Boulders are subangular to subrounded of concrete and sandstone. (VO = 1,1)	0.96		
2.50	ES 3					
3.50	ES 4			(3.75)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.71 m	4.71		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 NSW533 Sheet 1 of 1		

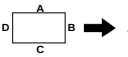
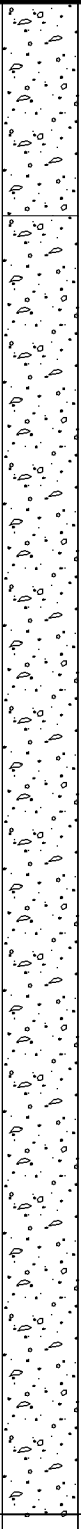
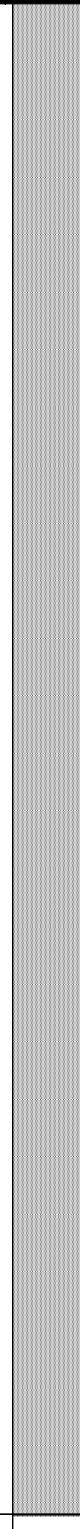
Trial Pit Log

Logged KH Checked AP		Start 01/10/2014 End 01/10/2014	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 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown to dark brown slightly gravelly, fine to coarse SAND with low cobble and boulder content. Gravel is angular to rounded, fine to coarse of sandstone and brick. Cobbles are subangular to subrounded of concrete. (VO = 1,1)	0.30		
			2 (MADE GROUND) Dark brown slightly silty slightly gravelly fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Abundant organic material, wood and rootlets. Frequent metal pipes and wires. (VO = 2,2)	(1.09)		
1.50	ES 2		3 Grey gravelly fine to coarse SAND with low cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,2)	1.39		
2.50	ES 3					
3.50	ES 4			(3.43)		
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) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Wet		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW534 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.67 Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.20 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 mottled black slightly clayey gravelly fine to coarse SAND with medium cobble and boulder content. Gravel is subangular to rounded, fine to coarse of sandstone and brick. Cobbles are subangular to rounded of sandstone. Boulders are subangular to subrounded of concrete. Rare rootlets. (VO = 1,1)	(1.37)		
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.	1.37		
2.50	ES 3			(3.30)		
3.50	ES 4					
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.67 m	4.67		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 4.67 Seepages			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 NSW535 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 15/10/2014 End 15/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.00 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 Greyish brown slightly clayey gravelly, fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. Rare roots and rootlets. (VO = 3,1)	(0.70)		
1.50	ES 2		2 Greyish brown slightly silty gravelly, fine to coarse SAND. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 2,2) becoming (VO = 3,1) from 4.5m depth.	0.70		
2.50	ES 3			(4.30)		
Depth	Type & No.	Records Date	EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries No. Struck Post Strike Behaviour (m)			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 (c) ESG www.esg.co.uk 426.4815/01/2015 15:31:29			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW536 Sheet 1 of 1	

Trial Pit Log



Logged CP Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.20m Terminated due to concrete obstruction.	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
0.30	ES 1		1 (MADE GROUND) Reddish brown slightly clayey gravelly fine to coarse SAND with high cobble content and medium boulder content. Gravel is angular to subangular, fine to coarse of concrete, brick and sandstone. Cobbles are subangular of brick, concrete and rare sandstone. Boulders are subangular of concrete. Abundant roots and rootlets. Rare fragments of clinker and coal. (VO = 0,0)			(0.90)		
1.10	ES 2		2 (MADE GROUND) Firm brownish grey slightly gravelly sandy CLAY with medium cobble content and occasional pockets of firm dark grey organic clay. Sand is fine to coarse (predominantly fine to medium). Gravel is subangular to subrounded, fine to coarse of sandstone and brick. Cobbles are subrounded of brick, concrete and rare sandstone. (VO = 0,1)			0.90 (0.30)		
			1.20 m Concrete obstruction. 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 Hot, 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 NSW537 Sheet 1 of 1		



Trial Pit Log

Logged CP Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.40	ES 1		1 (MADE GROUND) Greyish brown slightly gravelly clayey fine to coarse SAND with medium cobble content and low boulder content. Gravel is angular to subrounded, fine to coarse of brick, concrete, tile, mortar and rare flint. Cobbles are angular to subangular of concrete and sandstone. Boulders are subangular of concrete. Abundant roots, rootlets and occasional wood fragments. Rare fragments of coal and clinker. (VO = 0,0)	(0.80)		
1.50	ES 2		2 Firm brownish grey indistinctly mottled dark brownish grey slightly gravelly sandy SILT with medium cobble content. Sand is fine to coarse (predominantly fine). Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Abundant pockets of dark grey to black sandy silt. (VO = 1,2)	0.80 (1.30)		
2.60	ES 3		3 Greyish brown silty gravelly fine to coarse SAND with medium cobble. Gravel is well rounded to subangular, fine to coarse of sandstone. Cobbles are subangular of sandstone. Boulders are subangular to subrounded of sandstone. (VO = 0,1)	2.10 (1.90)		
3.50	ES 4					
4.50	ES 5		4 Brown to yellowish brown slightly clayey slightly gravelly sandy SILT with high cobble content. Sand is fine to coarse. Gravel is well rounded to subangular, fine to coarse of sandstone. Cobbles are subrounded to subangular of sandstone. (VO = 0,0)	4.00 (1.00)		1
Depth	Type & No.	Records Date	EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.40 Seepage			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Hot, cloudy	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 14:00:09			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW538 Sheet 1 of 1	

Trial Pit Log

Logged CP Checked AP	Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.3m Terminated due to collapse.	Dimensions and Orientation Width 1.50 m Length 4.50 m 	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests		Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Greyish brown silty gravelly fine to coarse SAND with medium cobble content and occasional pockets of firm greyish brown slightly gravelly sandy clay. Gravel is angular to subangular, fine to coarse of brick, concrete and sandstone with occasional roots and rootlets. Rare wood fragments and iron wire. (VO = 0,0)	(0.80)		
1.00	ES 2		2 (MADE GROUND) Dark brownish grey to dark bluish grey slightly clayey slightly gravelly sandy SILT with high cobble and boulder content. Sand is fine to coarse. Gravel is angular to subangular, fine to coarse of flint, concrete, brick, tile and sandstone. Cobbles are angular to subangular of sandstone and concrete. Boulders are of reinforced concrete. (VO = 1,3)	0.80 (0.80)		
2.00	ES 3		3 Greyish brown slightly gravelly silty fine to coarse SAND with high cobble content and low boulder content. Gravel is subrounded to subangular, fine to coarse of sandstone. Cobbles are well rounded to subrounded of sandstone. Boulders are subrounded to subangular of sandstone. (VO = 0,1)	1.60		
3.00	ES 4			(2.70)		
			EXPLORATORY HOLE ENDS AT 4.30 m	4.30		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)	Stability Unstable at 3.60m Shoring None Weather Hot, 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 NSW539 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 30/10/2014 End 30/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.5m 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	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 frequent roots. Gravel is subangular to subrounded, fine to coarse of sandstone brick and concrete. 2 No. telegraph poles. (VO = 1,2)	(1.50)			
1.50	ES 2		EXPLORATORY HOLE ENDS AT 1.50 m	1.50			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Collapse 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 Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW54 Sheet 1 of 1		



Trial Pit Log

Logged CP Checked AP	Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.90m Terminated on concrete.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D ➔	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.60	ES 1		1 (MADE GROUND) Greyish brown and dark greyish brown silty gravelly fine to coarse SAND with occasional pockets of firm dark grey sandy silt with medium cobble content and low boulder content. Gravel is angular to subangular, fine to coarse of sandstone, brick and rare tile. Cobbles are subrounded to subangular of sandstone and concrete. Boulders are subrounded of sandstone. (VO = 0,1)	(0.90)		
			EXPLORATORY HOLE ENDS AT 0.90 m	0.90 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 Overcast,warm		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4808/02/2015 14:00:15 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW540 Sheet 1 of 1		

Trial Pit Log

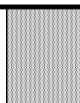
Logged CP Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.70m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level, (Thickness), Legend, Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Greyish brown to dark brownish grey slightly gravelly silty fine to coarse SAND with medium cobble content and occasional pockets of dark grey sandy silty clay. Gravel is angular to subangular, fine to coarse of sandstone, rare brick and rare concrete. Cobbles are rounded to subrounded of sandstone. (VO = 0,0)	(1.30)		
1.50	ES 2		2 (MADE GROUND) Greyish brown mottled brownish grey slightly silty slightly gravelly sandy CLAY with low cobble content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone and rare brick. Cobbles are subrounded of sandstone. Occasional roots and rootlets. Rare wood fragments and rare fragments bone fragments. (VO = 0,2)	1.30 (1.10)		
2.50	ES 3		3 Brownish grey slightly gravelly silty fine to coarse SAND with low cobble and boulder content. Gravel is subrounded to subangular, fine to coarse of sandstone. Cobbles are subrounded to subangular of sandstone. (VO = 0,2)	2.40 (1.60)		
4.40	ES 4		4 Stiff mottled orangish brown to dark brown and grey slightly gravelly sandy SILT with medium cobble content and low boulder content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. Boulders are angular to subangular of sandstone. (VO = 0,1)	4.00 (0.70)		
			EXPLORATORY HOLE ENDS AT 4.70 m	4.70		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 3.30 Slow water seepage.			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy,hot		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 14:00:18			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW541 Sheet 1 of 1		

Trial Pit Log

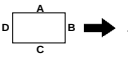
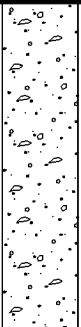
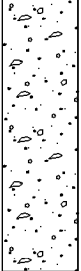
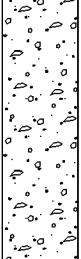
Logged CP Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.30m Terminated due to collapse.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Greyish brown slightly gravelly silty fine to coarse SAND with medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are of subangular of sandstone. (VO = 0,0)	(1.00)		
1.50	ES 2		2 Greyish brown to brownish grey silty gravelly fine to coarse SAND with high cobble content and low boulder content with abundant pockets of soft black amorphous peat with very strong hydrocarbon odour. Gravel is angular to subangular, fine to coarse of sandstone. Cobbles are subangular of sandstone. Boulders are tabular of sandstone. (VO = 1,3)	(1.70)		
2.50	ES 3					
3.50	ES 4		3 Greyish brown slightly clayey slightly gravelly silty fine to coarse SAND with medium cobble content and high boulder content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subrounded to subangular of sandstone. Boulders are rounded to subrounded of sandstone. (VO = 1,2)	(1.60)		
			EXPLORATORY HOLE ENDS AT 4.30 m	4.30		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 3.90 Slow seepage			Depth Related Remarks * From to (m)	Stability Untable Shoring None Weather Cloudy,hot		
Notes: For explanation of 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 NSW542 Sheet 1 of 1		

Logged CP Checked AP	Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.6m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 4.00 m A B C D →	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Greyish brown slightly clayey slightly gravelly silty fine to coarse SAND with low cobble content. Gravel is angular to subangular, fine to coarse of sandstone, brick, mortar and rare concrete. Cobbles are subangular of sandstone. Abundant roots and rootlets. (VO = 0,0)	(1.10)		
1.50	ES 2		3 Dark grey slightly clayey gravelly fine to coarse SAND with high cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 1,2)	1.10 1.20		
			2 Brownish grey gravelly silty fine to coarse SAND with high cobble content and low boulder content and occasional pockets of brownish grey slightly silty sandy clay. Gravel is angular to subangular, fine to coarse of sandstone and rare brick. Cobbles are subrounded to subangular of sandstone. Boulders are of sandstone. (VO = 0,1)	(1.50)		
2.50	ES 3					
3.50	ES 4		4 Greyish brown to brownish grey slightly clayey slightly silty gravelly fine to coarse SAND with high cobble content and low boulder content. Gravel is subrounded to subangular, fine to coarse of sandstone. Cobbles are subangular of sandstone. Boulders are subangular to subrounded of sandstone. (VO = 0,1)	2.70		
4.50	ES 5			(1.90)		
			EXPLORATORY HOLE ENDS AT 4.60 m	4.60		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 0.90 Slow seepage in SE corner. 2 3.80 Slow seepage			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Overcast, Cool		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4808/02/2015 14:00:27 			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW543 Sheet 1 of 1		

[illegible]

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 3.0m 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 (MADE GROUND) Soft dark brown occasionally stained blacksandy slightly gravelly SILT. Gravel is subangular to well rounded, fine to coarse of mixed lithologies including sandstone and siltstone. Sand is fine to coarse. Occasional rootlets. Occasional plastic. (VO = 3,5)			
1.50	ES 2			(3.00)		
			EXPLORATORY HOLE ENDS AT 3.00 m	3.00		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Slightly unstable 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 15:08:30 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW545 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.90m Unable to progress through cobbles.	Dimensions and Orientation Width 1.50 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 Brown frequently stained dark grey slightly 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. Faint hydrocarbon odour. (VO = 4,1)	(1.10)		
1.50	ES 2		2 Brownish grey with black visible hydrocarbon product 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. Strong hydrocarbon odour. (VO = 5,3)	1.10 (0.90)		
2.50	ES 3		3 Light grey occasionally heavily stained dark grey, fine to coarse SAND and GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. Strong hydrocarbon odour. (VO - 1,4)	2.00 (0.90)		
			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 Cloudy,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 NSW546 Sheet 1 of 1	

Trial Pit Log

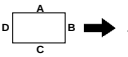
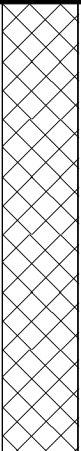
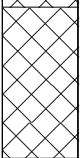
Logged JC Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.20m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Orangish brown occasionally stained light grey slightly silty locally silty slightly gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 1,0)	0.00-3.20 m Bedrock	(1.00)	
1.50	ES 2		2 Brownish light grey occasionally stained 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. Distinct hydrocarbon odour. (VO = 1,2)		(1.30)	
2.50	ES 3		3 Grey occasionally heavily stained dark grey 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. Strong hydrocarbon odour. (VO = 3,4)		(0.90)	
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20		
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,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 (c) ESG www.esg.co.uk 426.4818/02/2015 14:08:55			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW547 Sheet 1 of 1		

Logged JC Checked AP	Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.00. Terminated on possible bedrock.	Dimensions and Orientation Width 1.50 m Length 4.10 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 (MADE GROUND). Brown and light grey frequently stained grey SAND and GRAVEL with a low cobble and boulder content. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Boulders are angular to subangular of masonry. Distinct hydrocarbon odour. (VO = 2,3)	(1.20)		
1.50	ES 2		2 Dark grey heavily stained sandy SAND and GRAVEL with a low cobble content. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. Strong hydrocarbon odour. (VO =4,3)	1.20 (0.80)		
			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/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 14:55:37 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW548 Sheet 1 of 1	

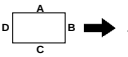
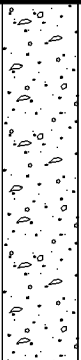
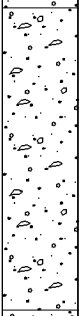
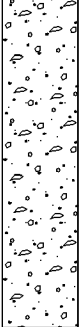
Trial Pit Log

Logged JC Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.20m Unable to progress through cobbles.	Dimensions and Orientation Width 1.60 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 Brown frequently stained dark grey silty SAND and GRAVEL with 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. (VO = 2,0)	(1.30)			
1.50	ES 2		2 Light grey occasionally heavily 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 angular to subangular of sandstone. Strong hydrocarbon odour. (VO = 3,3)	1.30			
2.50	ES 3			(1.90)			
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20			
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,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 426.4908/02/2015 14:00:30			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW549 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 2.7m 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 gravelly slightly silty fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(1.50)		
1.50	ES 2		2 (MADE GROUND) Grey subangular to subrounded COBBLES of brick and concrete with a little silt, sand and gravel. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone and brick. (VO = 0,0)	1.50 (0.50)		
2.50	ES 3		3 Brown sandy slightly silty subangular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	2.00 (0.70)		
			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 Unstable Shoring None Weather Drizzle.		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4817/02/2015 15:57:10 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW55 Sheet 1 of 1		

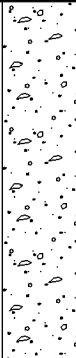
Trial Pit Log

Logged JC Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.30m Unable to progress through possible rock.	Dimensions and Orientation Width 1.70 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 Light brownish light grey slightly 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. (VO = 0,0)	(1.20)		
1.50	ES 2		2 Brownish light grey frequently stained grey 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)	1.20 (1.00)		
2.50	ES 3		3 Grey occasionally stained dark grey slightly silty SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. Strong hydrocarbon odour. (VO = 1,3)	2.20 (1.10)		
			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 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 NSW550 Sheet 1 of 1		

[illegible]

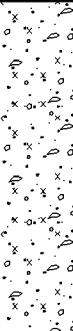
Logged JC	Start 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.80m. Terminated on bedrock.	Dimensions and Orientation Width 1.80 m Length 4.00 m	Ground Level - Coordinates - National Grid - Chainage -		
Checked AP	End 30/09/2014		D A B C			
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Orangeish light brown slightly silty 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 = 1,1)	(1.10)		
1.50	ES 2		2 Brownish grey frequently stained dark grey slightly silty gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subrounded fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. Strong hydrocarbon odour. (VO = 2,3)	1.10 (0.70)		
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80		

Trial Pit Log

Logged JC Checked AP		Start 30/09/2014 End 30/09/2014		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 3.40 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 occasionally stained light grey slightly silty gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subangular fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 1,0)					(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/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 (c) ESG www.esg.co.uk 426.4818/01/2015 14:55:49			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited					Trial Pit NSW553 Sheet 1 of 1		

Trial Pit Log

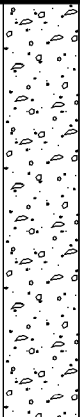
Logged JC Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL. to 1.70m. Unable to progress through cobbles.	Dimensions and Orientation Width 1.50 m Length 3.70 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Light brown occasionally stained light grey slightly silty slightly gravelly fine to coarse (predominately fine to medium) SAND with low cobble content. Gravel is angular to subangular fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 1,0)	(1.30)		
1.50	ES 2		2 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 angular to subangular of sandstone. Distinct hydrocarbon odour. (VO = 2,3)	1.30 (0.40)		
			EXPLORATORY HOLE ENDS AT 1.70 m	1.70		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Sunny/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 (c) ESG www.esg.co.uk 426.4818/01/2015 14:55:53			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW554 Sheet 1 of 1		

Logged JC Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.10m. Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.80 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 Light brown occasionally stained light grey slightly 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. Faint hydrocarbon odour. (VO = 1,1)			(1.10)		
			EXPLORATORY HOLE ENDS AT 1.10 m			1.10		
			1.10 m Possible 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/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 (c) ESG www.esg.co.uk 426.4818/01/2015 14:55:55 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW555 Sheet 1 of 1		

Logged JC Checked AP	Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.30m. Terminated on possible rock.	Dimensions and Orientation Width 1.50 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
0.60	ES		1 Light brown occasionally stained grey slightly silty gravelly fine to coarse SAND with low cobble content. Gravel is angular subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 1,0)	(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 Stable Shoring None Weather Sunny 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 (c) ESG www.esg.co.uk 426.4818/01/2015 14:55:57 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW556 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.60m. Unable to progress through cobbles and boulders.	Dimensions and Orientation Width 1.40 m Length 3.20 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES		1 Orangish brown occasionally stained 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. Strong hydrocarbon odour. (VO = 1,1)	(1.20)		
1.50	ES		2 Brownish light grey frequently stained grey slightly 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. Strong hydrocarbon odour. (VO = 2,3)	1.20 (0.40)		
			EXPLORATORY HOLE ENDS AT 1.60 m	1.60		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 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 14:56:00			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW557 Sheet 1 of 1		

Logged JC Checked AP	Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks 21tn excavator Machine excavated from GL to 1.40m. Terminated on probable bedrock.	Dimensions and Orientation Width 1.50 m Length 3.80 m A B C D E	Ground Level Coordinates National Grid Chainage	- - -
Samples and Tests			Strata		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend Backfill/ Instruments
0.20	ES 1		1 Orangish brown slightly silty SAND and GRAVEL with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Sand is fine to coarse. Cobbles are angular to subangular 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 Sunny	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 13:40:46 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW558 Sheet 1 of 1	

Trial Pit Log



Logged JC Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210. Machine excavated trial pit from GL to 1.30m. Terminated on possible bedrock.	Dimensions and Orientation Width 1.40 m Length 3.80 m A B C D		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown occasionally stained grey slightly silty SAND and GRAVEL with low cobble content. Gravel is angular to subrounded fine to coarse of sandstone. Sand is fine to coarse. Cobbles are angular to subangular of sandstone and brick. (VO=1,0)		(1.30)		
			EXPLORATORY HOLE ENDS AT 1.30 m		1.30		
			1.30 m Possible 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 426.4818/01/2015 14:56:03 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW559 Sheet 1 of 1		

Trial Pit Log



Logged AW Checked AP		Start 24/10/2014 End 24/10/2014	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) Grey subangular to subrounded fine to coarse GRAVEL of concrete and brick. (VO = 0,0)			0.20		
1.50	ES 2		2 Greyish brown gravelly slightly silty 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 =1,1)			(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 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 NSW56 Sheet 1 of 1		



Logged KH Checked AP	Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL-2.64m. Terminated on bedrock	Dimensions and Orientation Width 0.90 m Length 3.10 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 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. Frequent rootlets. (VO=0,0)	(2.16)		
1.50	ES 2			2.16		
2.50	ES 3		2 Grey slightly sandy angular to subrounded fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are angular to subrounded of sandstone. Sand is fine to coarse. (VO=1,1)	(0.48)		
			EXPLORATORY HOLE ENDS AT 2.64 m	2.64		

Trial Pit Log



Logged KH Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.40m. Terminated on bedrock.	Dimensions and Orientation Width 0.90 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 slightly clayey slightly gravelly fine to coarse SAND with low cobble and boulder content. Gravel is angular to rounded, fine to coarse of sandstone. Cobbles and boulders are angular to subrounded of sandstone. Frequent rootlets and occasional pockets of black organic material. (VO = 0,1)	(2.15)			
1.50	ES 2						
2.40	ES 3		2 Grey slightly sandy angular to subrounded, fine to coarse GRAVEL of sandstone with high cobble and medium boulder content. Sand is fine to coarse. Cobbles and boulders are angular to subrounded of sandstone. (VO = 2,1) EXPLORATORY HOLE ENDS AT 2.40 m	2.15 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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW563 Sheet 1 of 1	

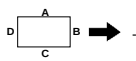
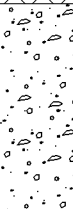


[illegible]

Trial Pit Log

[illegible]

Trial Pit Log

Logged KH Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks PC210 Machine excavated trial pit from GL to 2.01m. Terminated on bedrock		Dimensions and Orientation Width 0.90 m Length 3.20 m 		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown slightly 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 and concrete. Rare rootlets and metal wires. (VO=0,0)			(1.32)		
1.50	ES 2		2 Grey slightly sandy angular to subrounded fine to coarse GRAVEL of sandstone with high cobble content. Cobbles are angular to subrounded of sandstone. Sand is medium to coarse. (VO=2,2)			1.32 (0.69)		
			EXPLORATORY HOLE ENDS AT 2.01 m 2.01 m Bedrock.			2.01		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 13:40:59 			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW566 Sheet 1 of 1		

[illegible]

Trial Pit Log



Logged KH Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks PC210 Machine excavated trial pit from GL-2.33m. Terminated on bedrock	Dimensions and Orientation Width 0.90 m Length 3.10 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 gravelly fine to coarse SAND. Gravel is angular to subrounded fine to coarse of sandstone. (VO=0,0) 0.20 m Metal pipe.			(1.35)		
1.50	ES 2		2 Grey slightly sandy subangular to subrounded fine to coarse GRAVEL with low cobble content. Cobbles are angular to subangular of sandstone. (VO=2,2)			1.35 (0.98)		
2.30	ES 3		EXPLORATORY HOLE ENDS AT 2.33 m 2.33 m Sandstone bedrock.			2.33		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 13:41:06			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW568 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks PC210 Machine excavated trial pit from GL-2.45m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.10 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 Brown to greyish brown slightly gravelly slightly clayey fine to coarse SAND. Gravel is angular to subrounded fine to coarse of sandstone. (VO=1,0)	(1.39)			
1.50	ES 2		2 Grey sandy angular to subrounded fine to coarse GRAVEL of sandstone. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. (VO=2,1)	1.39 (1.06)			
2.40	ES 3		EXPLORATORY HOLE ENDS AT 2.45 m	2.45 2.45 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. Scale 1:25			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW569 Sheet 1 of 1	



Trial Pit Log

Logged AW Checked AP		Start 24/10/2014 End 24/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.2m 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 (MADE GROUND) Black and brown angular to subangular fine to coarse GRAVEL of macadam, brick and concrete. (VO = 0,0)	0.20		
1.50	ES 2		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 = 0,0)	(4.00)		
2.50	ES 3					
3.40	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 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 NSW57 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.74m Terminated on bedrock.	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 (MADE GROUND) Brown sandy angular to subrounded fine to coarse GRAVEL of sandstone. Sand is fine to coarse. Frequent black slightly clayey organic material. Occasional rootlets and wood fragments. VO = 1,1)			(0.72)		
1.50	ES		2 Grey gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subrounded fine to coarse of sandstone. (VO = 2,2)			0.72		
2.50	ES					(3.02)		
3.50	ES							
			EXPLORATORY HOLE ENDS AT 3.74 m			3.74		
			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 Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4809/01/2015 15:13:36			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW570 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Kamatsu PC210 Machine excavated trial pit from GL to 4.64 m. Terminated due to maximum reach of excavator.	Dimensions and Orientation Width 0.90 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 Brown gravelly fine to coarse SAND with low cobble content. Gravel is angular to subrounded fine to coarse of sandstone. Rare rootlets. (VO = 0,0)	(1.12)		
1.50	ES		2 Grey slightly gravelly fine to coarse SAND with low cobble and boulder content. Gravel is angular to subrounded fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. Boulders are subangular to subrounded of sandstone. (VO = 2,2)	1.12		
2.50	ES			(3.52)		
3.50	ES					
4.50	ES		3.74-4.64 m Locally sandy gravel.	4.64		
			EXPLORATORY HOLE ENDS AT 4.64 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4809/01/2015 15:13:42			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW571 Sheet 1 of 1		

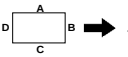
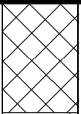
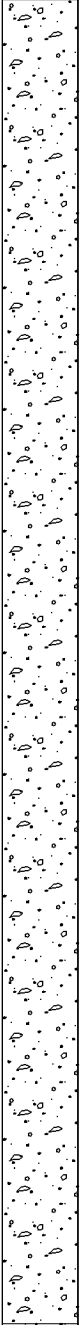
Trial Pit Log

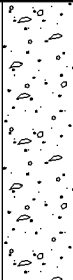
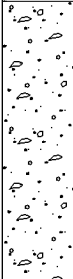
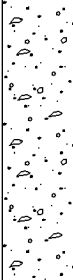
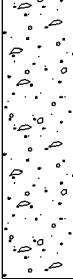


Logged KH Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.73m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.20 m A B C D		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown gravelly fine to coars SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. Rare rootlets. (VO = 0,0) 0.30 m Plastic sheeting.		(0.60)		
1.50	ES 2		2 Grey to brownish grey slightly gravelly fine to coarse SAND with medium cobble and low boulder content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. Boulders are angular to subrounded of sandstone. (VO = 3,2)		0.60		
2.50	ES 3						
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)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 14:00:36			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW572 Sheet 1 of 1		

Logged KH Checked AP	Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.25m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.60 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 Brown slightly gravelly fine to coarse SAND with low cobble and boulder content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles and boulders are angular to subangular of sandstone. Occasional wood and rare rootlets. (VO = 0,1)	0.48		
1.50	ES 2		2 Grey gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 2,2)	(3.77)		
2.50	ES 3					
3.50	ES 4					
			3.90-4.25 m Sandy gravel.	4.25		
			4.25 m Sandstone bedrock.			
			EXPLORATORY HOLE ENDS AT 4.25 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4808/02/2015 14:00:39 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW573 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.74m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.10 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 angular to rounded, fine to coarse GRAVEL f sandstone and concrete with medium cobble and low boulder content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. Boulders are angular to subrounded of sandstone. Rare plastic material. (VO = 0,0)	0.36		
1.50	ES 2		2 Grey gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 2,2)			
2.50	ES 3			(4.38)		
3.50	ES 4					
4.50	ES 5		4.10-4.74 m Sandy gravel.			
			EXPLORATORY HOLE ENDS AT 4.74 m	4.74		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 14:00:42 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW574 Sheet 1 of 1		

Logged KH Checked AP	Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.73m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.10 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 to dark brown slightly clayey slightly gravelly fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Frequent black organic material and wood and rootlets. (VO = 1,1)	(0.95)		
1.50	ES 2		2 Grey 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 = 2,2)	0.95		
2.50	ES 3			(3.78)		
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) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Cloudy	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4808/02/2015 14:00:47			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW575 Sheet 1 of 1	

Trial Pit Log

Logged KH Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.65m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown to dark brown slightly sandy angular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble and low boulder content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Boulders are angular to subangular of concrete. Abundant pockets of silty black organic matter. Frequent wood fragments. (VO = 1,1)	(1.14)		
1.50	ES 2		2 Grey slightly gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to rounded of sandstone. (VO = 3,2)	1.14		
2.50	ES 3					
3.50	ES 4			(3.51)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.65 m Sandstone bedrock.	4.65		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 14:00:50			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW576 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.83m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.40 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 brown to brown sandy angular to rounded, fine to coarse GRAVEL of sandstone with medium cobble and boulder content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Boulders are subangular of concrete. Frequent wood fragments and rootlets. (VO = 1,1)	0.52		
1.50	ES 2		2 Grey to dark grey gravelly fine to coarse SAND with medium cobble content. (VO = 1,1)			
2.50	ES 3		3 Brown subangular to rounded, fine to coarse GRAVEL of sandstone with high cobble content. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)			
3.50	ES 4					
4.50	ES 5					
			3.74-4.83 m Sandy gravel. Sand is fine to coarse.	4.83		
			EXPLORATORY HOLE ENDS AT 4.83 m			
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 Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 14:00:53			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW577 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 30/09/2014 End 30/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.78m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.40 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown to dark brown sandy subangular to rounded, fine to coarse GRAVEL of sandstone and concrete with medium cobble and boulder content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone and concrete. Boulders are subangular to subrounded of concrete. Abundant organic material, wood and rootlets. (VO = 1,1)	(1.17)		
1.50	ES 2		2 (MADE GROUND) Grey gravelly fine to coarse SAND with low cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,2)	1.17		
2.50	ES 3					
3.50	ES 4			(3.33)		
4.50	ES 5		3 (MADE GROUND) Sandy subangular to rounded, fine to coarse GRAVEL of sandstone and concrete with medium cobble and boulder content. Cobbles and boulders are subangular to subrounded of concrete and sandstone. (VO = 3,2)	4.50 (0.28)		
			EXPLORATORY HOLE ENDS AT 4.78 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			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW578 Sheet 1 of 1	

Trial Pit Log

Logged KH Checked AP		Start 30/09/2014 End 30/09/2014	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 3.20 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 Brown to dark brown locally clayey slightly gravelly fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Occasional rootlets. (VO = 0,0)	(1.08)			
1.50	ES 2		2 Grey to dark grey sandy subangular to rounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	1.08			
2.50	ES 3						
3.50	ES 4			(3.55)			
4.50	ES 5		3.75-4.63 m Brownish grey.				
			EXPLORATORY HOLE ENDS AT 4.63 m	4.63			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4908/02/2015 14:00:56			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW579 Sheet 1 of 1			

Trial Pit Log



Logged AW Checked AP		Start 27/10/2014 End 27/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.4m Unable to progress beyond 4.40m.	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 fine to coarse SAND with frequent roots and rare subangular medium gravel of 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),	(4.20)				
2.50	ES 3							
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. (c) ESG www.esg.co.uk 426.4804/02/2015 13:37:36			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW58 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 01/10/2014 End 01/10/2014	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 3.10 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) Brown slightly gravelly fine to coarse SAND .Gravel is angular to rounded, fine to coarse of sandstone. Abundant black organic material. Occasional plastic and rootlets. (VO = 1,2)	(1.95)		
1.50	ES 2					
2.50	ES 3		2 Grey gravelly fine to coarse fine to coarse SAND with medium cobble and low boulder content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to rounded of sandstone. Boulders are subangular to subrounded of sandstone. (VO = 3,3)	1.95		
3.50	ES 4			(2.77)		
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) 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 NSW580 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 01/10/2014 End 01/10/2014	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 3.10 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 Brown 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 sandstone. Frequent rootlets and wood fragments. (VO = 0,1)	0.43		
1.50	ES 2		2 Grey slightly silty gravelly fine to coarse SAND with low cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Occasional black organic material. (VO = 2,3)			
2.50	ES 3		1.33-1.45 m Black silty sand. Sand is fine to coarse. Abundant organic material and wood fragments. (VO = 3,2)	(4.20)		
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) 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 Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW581 Sheet 1 of 1		

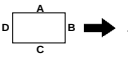
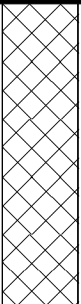
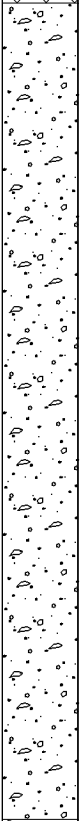
Trial Pit Log

Logged KH Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.71m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.30 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, fine to coarse SAND. Gravel is subangular to rounded, fine to coarse of sandstone. Rare rootlets. Rare pipes. (VO = 0,0)	0.30		
			2 Dark brown slightly gravelly silty, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Abundant organic material and wood fragments. (VO = 2,2)	(0.84)		
1.50	ES 2		4 Grey gravelly, fine to coarse SAND with medium cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subrounded to rounded of sandstone. (VO = 3,3)	1.14		
2.50	ES 3			(3.57)		
3.50	ES 4					
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.71 m	4.71		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 NSW582 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 01/10/2014 End 01/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.62m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.20 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly gravelly, fine to coarse SAND with high boulder content. Gravel is subangular to rounded, fine to coarse of sandstone. Boulders are subangular to subrounded of concrete. (VO = 0,0)	0.41		
			2 Dark brown slightly silty slightly gravelly fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Abundant organic material and rootlets and wood. (VO = 1,2)	(0.72)		
1.50	ES 2		3 Grey 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. (VO = 2,3)	1.13		
2.50	ES 3			(3.49)		
3.50	ES 4					
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.62 m	4.62		
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 NSW583 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 15/10/2014 End 15/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.70m 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, Level, (Thickness), Legend, Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Grey slightly clayey gravelly, fine to coarse SAND with frequent cobbles and boulders. Gravel is subangular to subrounded, fine to coarse of brick, concrete and sandstone. (VO = 4,3)	(1.00)		
1.50	ES 2		2 Grey slightly silty gravelly, fine to coarse SAND with frequent cobbles. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,2) becoming (VO = 1,2) from 2.5m depth.	1.00		
2.50	ES 3			(2.70)		
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) 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 (c) ESG www.esg.co.uk 426.4815/01/2015 15:31:31 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW584 Sheet 1 of 1		

Trial Pit Log

Logged AW Checked AP		Start 15/10/2014 End 15/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.6m Unable to progress beyond 4.60m	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 frequent boulders. Gravel is subangular to subrounded, fine to coarse of concrete and sandstone. Occasional wood fragments. (VO = 0,0)	(1.20)		
1.50	ES 2		2 Grey slightly silty gravelly, fine to coarse SAND. Gravel is subangular to subrounded of sandstone. Occasional subangular to subrounded cobbles of sandstone. (VO = 3,3) becoming (VO = 1,2) from 3.5m depth.	1.20		
2.50	ES 3					
3.50	ES 4			(3.40)		
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)			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 NSW588 Sheet 1 of 1		

Logged KH Checked AP	Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.5m Terminated due to concrete.	Dimensions and Orientation Width 0.90 m Length 4.00 m A B C ➔	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly gravelly, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(0.30)		
			2 (MADE GROUND) Dark grey slightly silty slightly gravelly fine to coarse SAND with low cobble content and high boulder content. Gravel is angular to rounded, fine to coarse of sandstone and concrete. Cobbles are angular to subrounded of concrete. Boulders are angular to subangular of concrete. Frequent rootlets and wood fragments and rare pipe. (VO = 0,0)	(1.20)		
1.50	ES 2		EXPLORATORY HOLE ENDS AT 1.50 m Concrete.	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 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. ESG AGS (c) ESG www.esg.co.uk 426.4808/02/2015 16:55:30			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW589 Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP		Start 27/10/2014 End 27/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.2m 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 TOPSOIL 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. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)					
2.50	ES 3					(4.00)		
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 426.4804/02/2015 13:37:39 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW59 Sheet 1 of 1		

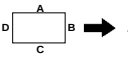
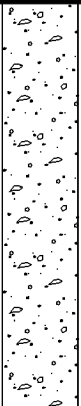
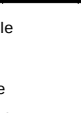
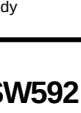
Trial Pit Log

Logged KH Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PS210 Machine excavated trial pit from GL to 4.62m. 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)			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Brown slightly gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of sandstone. Rare metal and wood fragments. (VO = 0,0) 0.30-1.10 m Slightly silty, brown mottled grey 0.50-1.10 m Frequent rootlets.	(1.10)			
1.50	ES 2		2 Grey sandy subangular to subrounded fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Rare medium gravel sized pockets of silt. (VO = 2,2)	1.10			
2.50	ES 3			(3.52)			
3.50	ES 4		3.14-4.62 m Brownish grey.				
4.50	ES 5			4.62			
			EXPLORATORY HOLE ENDS AT 4.62 m				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4818/01/2015 14:56:21			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW590 Sheet 1 of 1			

Trial Pit Log

Logged KH Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.75m. Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Dark brown slightly gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of sandstone. Rare rootlets. (VO = 0,0)	(0.40)		
			2 Dark grey to dark brownish grey slightly silty gravelly fine to coarse SAND. Gravel is angular to subrounded fine to coarse of sandstone. Frequent rootlets. (VO = 2,1)	(0.45)		
			3 Grey slightly gravelly fine to coarse SAND with low cobble content. Gravel is angular to rounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	0.85		
1.50	ES 2					
2.50	ES 3					
3.50	ES 4					
4.50	ES 5		4.00-4.75 m Locally gravelly sand.	(3.90)		
			EXPLORATORY HOLE ENDS AT 4.75 m	4.75		
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 14:56:23			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW591 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GI to 4.75m. Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 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 Dark brown slightly 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. Rare rootlets and black organic material. (VO = 1,1)	(1.35)		
1.50	ES 2		2 Grey to dark grey 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 = 3,2)	1.35		
2.50	ES 3			(1.82)		
3.50	ES 4		3 Grey to brownish grey sandy angular to subrounded fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to medium. Cobbles are angular to subrounded of sandstone. (VO = 2,2)	3.17		
4.50	ES 5			(1.58)		
			EXPLORATORY HOLE ENDS AT 4.75 m	4.75		
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 Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW592 Sheet 1 of 1		

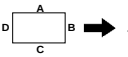
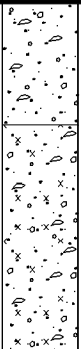
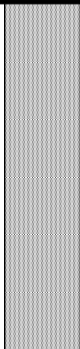
Trial Pit Log

Logged KH Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.81m. Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.10 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 Brown gravelly fine to coarse SAND with low boulder content. Gravel is angular to rounded fine to coarse of sandstone. Boulders are subangular of concrete. Rare plastic and wood fragments. (VO = 0,0)	0.35		
1.50	ES 2		2 Grey to brownish grey gravelly fine to coarse SAND with low cobble content. Gravel is subangular to rounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,2)			
2.50	ES 3					
3.50	ES 4					
4.50	ES 5					
			1.20-1.40 m Locally dark grey to black (VO = 3,2)			
			EXPLORATORY HOLE ENDS AT 4.81 m	4.81		
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 NSW593 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.65m. Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.10 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 Dark brown slightly gravelly fine to coarse SAND. Gravel is angular to subrounded fine to coarse of sandstone. Pockets of coarse gravel. Black organic material. Rare rootlets. (VO = 0,0)	0.43		
1.50	ES 2		2 Grey to brownish grey slightly silty slightly gravelly fine to coarse SAND with low cobble content. Gravel is subangular to rounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 2,2)			
2.50	ES 3					
3.50	ES 4		3.13-4.10 m Increased gravel content.	(4.22)		
4.50	ES 5		4.10-4.65 m Sandy gravel. (VO = 3,2)			
			EXPLORATORY HOLE ENDS AT 4.65 m Sandstone bedrock.	4.65		
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 NSW594 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.78m. Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.10 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 Brown 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. Frequent rootlets. (VO = 0,0)	(0.40)		
			2 Dark brown to black slightly silty slightly gravelly fine to coarse SAND. Gravel is angular to subrounded fine to coarse of sandstone. (VO = 3,1)	(0.76)		
1.50	ES 2		3 Grey to blackish grey slightly gravelly fine to coarse SAND with medium cobble content and low boulder content. Gravel is subangular to rounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Boulders are subangular of concrete.	1.16		
2.50	ES 3					
3.50	ES 4					
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.78 m	4.78		
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 Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW595 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.85m. Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 3.10 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 Brown to light brown slightly gravelly fine to coarse SAND. Gravel is angular to rounded fine to coarse of sandstone. Frequent rootlets and wood fragments. 1 No. subangular boulder of concrete. (VO = 0,0)	0.10 m Plastic sheeting.	(0.90)	
1.50	ES 2		2 Brownish grey to grey subangular to subrounded fine to coarse GRAVEL of sandstone with medium cobble content. Sand fine to coarse. Cobbles are angular to subrounded of sandstone. (VO = 2,2)	0.90-1.85 m Locally gravelly SAND.	0.90	
2.50	ES 3				(3.85)	
3.50	ES 4					
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.75 m		4.75	
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 NSW596 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit fro GL to 4.65m Terminated at maximum reach of the excavater..	Dimensions and Orientation Width 0.90 m Length 3.10 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 Brown gravelly fine to coarse SAND with localised pockets of orange clay. Gravel is subangular to subrounded fine to coarse of sandstone. Rare rootlets. (VO = 1,1)	(1.33)			
1.50	ES 2		2 Grey to dark grey gravelly fine to coarse SAND with high cobble and low boulder content. Gravel subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone and concrete. Boulders are subangular of sandstone. (VO = 3,2)	1.33			
2.50	ES 3						
3.50	ES 4		3.21-4.65 m Locally sandy gravel.	(3.32)			
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) 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 NSW597 Sheet 1 of 1			

Trial Pit Log



Logged KH Checked AP		Start 25/09/2014 End 25/09/2014	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 3.10 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 slightly gravelly fine to coarse SAND with low bolder content. Gravel is angular to subrounded fine to coarse of sandstone. Boulders are subangular of brick. (VO = 0,1)	0.40				
			2 Grey slightly gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subrounded fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 2,2)					
1.50	ES 2							
2.50	ES 3							
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) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Raining			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4818/01/2015 14:56:43			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW598 Sheet 1 of 1			

Logged KH Checked AP	Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.55m. Terminated on sandstone bedrock.	Dimensions and Orientation Width 0.90 m Length 3.10 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 Brown sandy angular to subrounded fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to medium. Cobbles are angular to subrounded of sandstone. (VO = 0,1)	0.30		
1.50	ES 2		2 Grey 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. Rare boulders are angular to subangular of sandstone. (VO = 3,2)	(3.25)		
2.50	ES 3					
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 3.55 m	3.55 3.55 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 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 426.4818/01/2015 14:56:46			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW599 Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AP		Start 04/11/2014 End 04/11/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m 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) Greyish brown angular to subangular fine to coarse of aggregate and brick. (VO = 0,0)	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 occasionally dark brown staining 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 = 1,2)	1.00				
2.50	ES 3			(3.50)				
3.50	ES 4		3.50 m 1 no. boulder (0.8m x 0.8m x0.8m).					
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50				
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 426.4816/01/2015 14:41:43			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW6 Sheet 1 of 1			

Trial Pit Log



Logged AW Checked AJ		Start 27/10/2014 End 27/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m 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) Brown silty fine to coarse SAND with frequent roots.		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)				
2.50	ES 3				(4.80)		
3.50	ES 4						
4.50	ES 5						
Depth	Type & No.	Records Date	EXPLORATORY HOLE ENDS AT 5.00 m				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Dry		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4805/02/2015 09:15:59 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW60 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.30m. Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.20 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 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. Rare rootlets. (VO = 0,0)			(0.30)		
1.50	ES 2		2 Grey to dark grey slightly gravelly fine to coarse SAND with medium cobble content. Gravel is angular to rounded fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO = 3,2)			(2.00)		
2.30	ES 3		2.00-2.30 m Locally slightly sandy GRAVEL. 2.30 m Sandstone bedrock.			2.30		
			EXPLORATORY HOLE ENDS AT 2.30 m					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4818/01/2015 14:56:50			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW600 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.78m. Terminated on bedrock.	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 Brown gravelly fine to coarse SAND with low cobble content. Gravel is subangular to rounded fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 0,0)		0.35		
1.50	ES 2		2 Dark grey sandy subangular to rounded fine to coarse GRAVEL of sandstone with medium cobble and boulder content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. Boulders are angular to subrounded of sandstone. (VO = 3,2)		(2.43)		
2.50	ES 3		2.40-2.78 m Locally high cobble content.		2.78		
			EXPLORATORY HOLE ENDS AT 2.78 m		2.78 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 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 426.4818/01/2015 14:56:52 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW601 Sheet 1 of 1	

Logged KH Checked AP		Start 26/09/2014 End 26/09/2014		Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.7m. Terminated on bedrock.		Dimensions and Orientation Width 0.90 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 (MADE GROUND) Brown gravelly fine to coarse SAND with low cobble content. Gravel angular to subrounded fine to coarse of sandstone. Cobbles angular to subrounded of sandstone. Rare wood fragments. (VO = 0,0) 0.30 m Plastic sheeting.					(0.70)		
			EXPLORATORY HOLE ENDS AT 0.70 m 0.70 m Sandstone bedrock.					0.70		
Depth	Type & No.	Records Date								
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)					Stability Stable Shoring None Weather Sunny		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4818/01/2015 14:56:53 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited					Trial Pit NSW602 Sheet 1 of 1		

Trial Pit Log



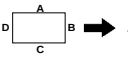
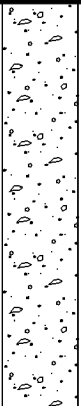
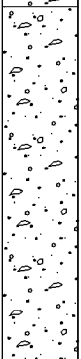
Logged KH Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.5m. Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.00 m A B C D →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown to greyish brown sandy angular to rounded fine to coarse GRAVEL of sandstone with high cobble and low boulder content. Cobbles and boulders are angular to subrounded of sandstone. Rare pockets of grey organic material. (VO = 1,0) 0.30 m Plastic sheeting.			(1.50)		
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 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 14:56:57			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW603 Sheet 1 of 1		



Trial Pit Log

Logged KH Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.45 Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.10 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 medium cobble content. Gravel is subangular to rounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Rare wood and plastic fragments. (VO = 1,1)	(0.90)		
			2 Grey sandy angular to subrounded fine to coarse GRAVEL of sandstone with medium cobble content and low boulder content. Cobbles and boulders are angular to subangular of sandstone. (VO = 2,1)	0.90 (0.55)		
1.45	ES 2		EXPLORATORY HOLE ENDS AT 1.45 m 1.45 m Bedrock	1.45		
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 14:57:02			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW604 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.55 Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.10 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 slightly clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. Occasional pockets of black organic material. Rare rootlets. (VO = 1,1)	(1.35)		
1.50	ES 2		2 Grey to blackish grey 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 = 3,2)	1.35 (1.20)		
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.55 m	2.55		
			2.55 m Bedrock			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW605 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.78m. Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown slightly gravelly slightly clayey fine to coarse SAND with low cobble content. Gravel is subangular to rounded fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. Rare pockets of organic matter. (VO = 0,0)	(1.84)		
1.50	ES 2		angular to subangular of sandstone. Rare pockets of organic matter. (VO = 0 ,0)	1.84		
2.50	ES 3		2 Grey sandy angular to rounded fine to coarse GRAVEL of sandstone with high cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. (VO = 2,2)	(1.94)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 3.78 m	3.78		
			3.78 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 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 14:57:12			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW606 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.00m. Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.10 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 slightly sandy angular to rounded fine to coarse GRAVEL of sandstone and glass with high cobble and boulder content. Sand is fine to coarse. Cobbles and boulders are angular to subrounded of sandstone. Rare rootlets and pipes. (VO = 0,0)	0.30		
1.50	ES 2		2 Grey to dark grey sandy angular to subrounded fine to coarse GRAVEL of sandstone with high cobble and low boulder content. Sand fine to coarse. Cobbles and boulders are angular to subangular of sandstone. (VO = 3,2)	(3.70)		
2.50	ES 3					
3.50	ES 4					
			0.80-1.30 m Slightly clayey, brown colour.			
			3.27-4.00 m Slightly sandy gravel.			
			EXPLORATORY HOLE ENDS AT 4.00 m 4.00 m 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 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 14:57:15			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW607 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.75m Terminated on bedrock.	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) Dark brown to grey sandy subangular to rounded, fine to coarse GRAVEL of sandstone and glass with low cobble and medium boulder content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. Boulders are angular to subrounded of sandstone and brick. (VO = 1,2) 2.00-3.60 m Slightly clayey. 3.75 m Sandstone bedrock. EXPLORATORY HOLE ENDS AT 3.75 m			(3.75)		
1.50	ES 2							
2.50	ES 3							
3.50	ES 4							
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 426.4908/02/2015 16:33:44 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW608 Sheet 1 of 1		

Logged KH Checked AP	Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.15m Terminated on bedrock.	Dimensions and Orientation Width 0.90 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 (MADE GROUND) Brownish grey to brown slightly clayey slightly gravelly SAND with medium cobble and high boulder content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone, brick fragments and glass. Cobbles are angular to subrounded of sandstone. Boulders are angular to subangular of sandstone and concrete. Abundance of black organic coarse gravel pockets. Rare rootlets. (VO = 1,1)	0.20 m Plastic sheeting.		
1.50	ES 2			(3.15)		
2.50	ES 3					
			EXPLORATORY HOLE ENDS AT 3.15 m	3.15		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		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 11:36:43			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW609 Sheet 1 of 1	

Trial Pit Log



Logged AW Checked AJ		Start 27/10/2014 End 27/10/2014	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 		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 (TIOPSOIL) Brown silty fine to coarse SAND with frequent roots. (VO = 0,0)	0.20			
			2 Orangish 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 Brown slightly silty gravelly fine to coars SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	1.00			
				(1.70)			
			EXPLORATORY HOLE ENDS AT 2.70 m	2.70			
			2.70 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 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 NSW61 Sheet 1 of 1		



Trial Pit Log



Logged KH Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.20m. Terminated on concrete or bedrock		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 Brown slightly gravelly slightly clayey fine to coarse SAND with low cobble content and high boulder content. Gravel is subangular to rounded fine to coarse of sandstone, brick and concrete. Cobbles are angular to subrounded of concrete. boulders are angular to subrounded of concrete. Rare rootlets. (VO=0,0) 0.00-1.20 m Abundant black organic material. 0.30 m Metal pipe. 0.60 m Plastic sheeting				(1.20)		
1.20	ES 2		EXPLORATORY HOLE ENDS AT 1.20 m				1.20		
			1.20 m Possible concrete or 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 426.4811/12/2014 11:55:24			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited				Trial Pit NSW610 Sheet 1 of 1		

Trial Pit Log



Logged SM Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m. Terminated on concrete.	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 Light brownish mottled orange sandy gravelly SILT. Sand is fine to coarse. Gravel is angular fine to coarse of sandstone. (VO = 0,0) 0.30 m Plastic sheeting.		(0.80)			
1.50	ES 2		2 (MADE GROUND) Dark brown gravelly clayey SILT with low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone, brick and concrete. Cobbles are subangular to subrounded of sandstone. (VO = 1,2)		0.80 (1.40)			
2.20	ES 3		EXPLORATORY HOLE ENDS AT 2.20 m 2.20 m Concrete.		2.20			
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Fine		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4818/01/2015 14:57:18 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW611 Sheet 1 of 1		

Trial Pit Log



Logged SM Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.7m Terminated on concrete.	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
1.50	ES 1		1 (MADE GROUND) Light brown mottled orange gravelly clayey SILT. Gravel is rounded to subrounded fine to coarse of sandstone. Rare Rootlets. Occasional brick fragments (VO = 0,0)			(2.20)		
2.50	ES 2		2 (MADE GROUND) Light grey mottled orange gravelly SILT. Gravel is subangular to subrounded fine to coarse of sandstone. Occasional concrete. (VO = 1,2)			2.20 (0.50)		
			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 Fine		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW612 Sheet 1 of 1		



Trial Pit Log



Logged SM Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.2m. Terminated on bedrock.	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) Light brown mottled orange silty gravelly fine to coarse SAND with low boulder content. Gravel is rounded to subrounded fine to coarse of sandstone and brick. Boulders are rounded to subrounded of sandstone. Occasional plastic fragments. (VO = 0,1)	(1.20)			
			EXPLORATORY HOLE ENDS AT 1.20 m 1.20 m Terminated on bedrock.	1.20			
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Fine	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4818/01/2015 14:57:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW613 Sheet 1 of 1	

Trial Pit Log



Logged SM Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m. Terminated on bedrock.		Dimensions and Orientation Width 1.60 m Length 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) Sandy gravelly SILT with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone, concrete and brick. Cobbles are subangular of concrete and brick. (VO = 1,1)			(0.80)		
1.50	ES 2		2 (MADE GROUND) Dark grey mottled orange sandy subangular to rounded fine to coarse GRAVEL of sandstone, brick and concrete with low cobble content. Sand is fine to coarse. Cobbles are angular to subangular of sandstone and concrete. Occasional wood fragments. (VO = 2,3)			0.80 (1.00)		
			EXPLORATORY HOLE ENDS AT 1.80 m			1.80		
			1.80 m Sandstone bedrock.					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Sable 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 NSW614 Sheet 1 of 1		



Trial Pit Log



Logged SM Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.6m. Terminated on bedrock.	Dimensions and Orientation Width 1.60 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
0.50	ES 1		1 (MADE GROUND) Grey becoming dark grey and black silty sandy angular to subrounded fine to coarse GRAVEL of brick, concrete and sandstone with low cobble content. Sand is fine to coarse. Cobbles are subrounded of brick and concrete. (VO = 2,1) 0.50 m Plastic.		(1.60)		
1.50	ES 2		EXPLORATORY HOLE ENDS AT 1.60 m 1.60 m Sandstone bedrock.		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 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 426.4804/02/2015 13:41:22 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW615 Sheet 1 of 1	

Trial Pit Log



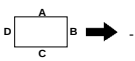
Logged SM Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.1m. Terminated on possible concrete.	Dimensions and Orientation Width 1.60 m Length 4.00 m A B C D →	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark grey sandy gravelly SILT with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone and brick. Cobbles are subrounded of sandstone and brick. (VO = 2,1) 0.00 m	(1.10)		
			EXPLORATORY HOLE ENDS AT 1.10 m 1.10 m Possible concrete.	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 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 426.4804/02/2015 13:41:26			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW616 Sheet 1 of 1		

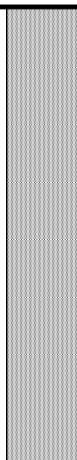
Logged SM Checked AP	Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Macine excavated trial pit from GL to 1.0m. Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 4.00 m A B C D →		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark grey mottled orange silty gravelly fine to coarse SAND with low cobble and boulder content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles and boulders are subangular of sandstone. (VO = 2,3)	(1.00)		
			EXPLORATORY HOLE ENDS AT 1.00 m	1.00		

Trial Pit Log



Logged SM Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GI to 1.2m. Terminated on bedrock	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
0.50	ES 1		1 (MADE GROUND) Light brown gravelly SILT. Gravel is subrounded to rounded fine to coarse of sandstone. Cobbles are angular of sandstone. (VO = 1,1) 0.20 m Light grey plastic sheeting.			(0.50)		
			2 (MADE GROUND) Soft dark brown sandy gravelly SILT. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone. (VO = 1,1)			(0.70)		
1.20	ES 2		EXPLORATORY HOLE ENDS AT 1.20 m 1.20 m Bedrock			1.20		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 426.4804/02/2015 13:41:35			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW618 Sheet 1 of 1		

Logged SM Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.1m. Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 4.00 m 		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
1.00	ES 1		1 Dark grey sandy gravelly SILT. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse of sandstone. (VO = 0,1)	(1.60)			
2.00	ES 2		2 Grey sandy angular to subrounded fine to coarse GRAVEL with low cobble content. Sand is fine to coarse. Cobbles are subrounded of sandstone. (VO = 2,3)	1.60 (0.50)			
			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 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 426.4804/02/2015 13.41:41 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW619 Sheet 1 of 1	

Logged AW Checked AP	Start 28/10/2014 End 28/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.50m. 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 Brown clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (VO = 0,0)	(0.50)		
			2 Grey slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (VO = 0,3)	(1.00)		
1.50	ES 2		EXPLORATORY HOLE ENDS AT 1.50 m	1.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 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 426.4806/02/2015 11:12:44 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW62 Sheet 1 of 1	

Trial Pit Log



Logged SM Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.4m. Terminated on bedrock.	Dimensions and Orientation Width 1.60 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
1.00	ES 1		1 Light grey mottled orange gravelly SILT with low cobble content. Gravel is subangular to rounded fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 0,2)			(1.60)		
2.00	ES 2		2 Dark grey sandy silty angular to subrounded fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subrounded of sandstone. (VO = 1,1)			1.60 (0.80)		
			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 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 426.4818/01/2015 14:57:29 AGS			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW620 Sheet 1 of 1		

Logged SMCg Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.0m Terminated on bedrock.	Dimensions and Orientation Width 1.30 m Length 3.50 m A B C D E		Ground Level Coordinates National Grid Chainage
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.50	ES 1		1 (MADE GROUND) Light grey silty gravelly fine to coarse SAND with low cobble content. Gravel is angular to subangular fine to coarse of sandstone and occasional brick. Cobbles are subrounded of sandstone. (VO = 0,2)	(0.80)		
			2 (MADE GROUND) Dark grey slightly silty fine to coarse angular to subrounded GRAVEL of sandstone. Occasional wooden posts. (VO = 2,3)	0.80		
2.50	ES 2			(2.20)		
			EXPLORATORY HOLE ENDS AT 3.00 m	3.00		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.95 GW in base - looks contaminated.			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 ESG www.esg.co.uk 426.4819/12/2014 11:36:46			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW621 Sheet 1 of 1	

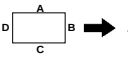
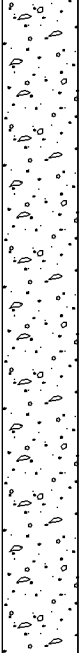
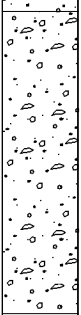
Trial Pit Log

Logged SMCg Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.6m Terminated in rock.	Dimensions and Orientation Width 1.55 m Length 3.75 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) Light brown slightly gravelly silty fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. Occasional rootlets. (VO = 0,0) 0.20 m Light brown plastic sheeting.	(0.50)		
1.50	ES 2		2 Light grey sandy slightly gravelly SILT. Sand is fine. Gravel is angular to rounded fine to coarse of sandstone. (VO = 0,1)	(1.60)		
2.50	ES 3		3 Dark grey mottled orange slightly clayey silty subangular fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subangular of sandstone. (VO = 1,2)	(1.50)		
3.50	ES 4			3.60		
			EXPLORATORY HOLE ENDS AT 3.60 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Overcast		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4819/12/2014 11:36:49			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW622 Sheet 1 of 1		

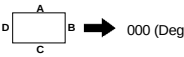
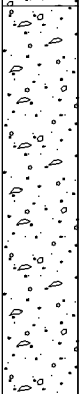
Trial Pit Log

Logged SM Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks JCB220 Machine excavated trial pit from GL-4.50m Terminated at full reach of excavator	Dimensions and Orientation Width 0.80 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 Soft light brown mottled orange sandy gravelly SILT with low cobble and boulder content. Gravel is subrounded fine to coarse of sandstone. Sand is fine. Cobble and boulders are subrounded of sandstone. (VO=0,0) 0.40 m Plastic sheeting.	(0.70)		
1.50	ES 2		2 Dark grey mottled orange gravelly fine to coarse SAND with medium cobble and boulder content. Gravel is subrounded fine to coarse of sandstone. Cobbles and boulders are subrounded of sandstone. (VO=2,3)	0.70 (1.00)		
2.50	ES 3		3 Dark grey sandy angular to subangular fine to coarse GRAVEL of sandstone with low cobble and boulder content. Sand is fine to coarse. Cobble and boulders are subrounded of sandstone. (VO=2,3)	1.70 (2.80)		
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 4.50 Groundwater inflow			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 426.4811/12/2014 11:55:29			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW623 Sheet 1 of 1		

Trial Pit Log

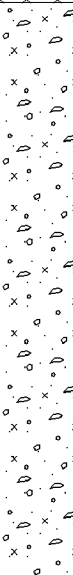
Logged SMCg Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.0m Terminated at 4.0m	Dimensions and Orientation Width 1.50 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Light brown silty sandy angular to subrounded fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subrounded of sandstone. (VO = 0,0)	(0.80)		
2.00	ES 2		2 Light grey silty gravelly fine to coarse SAND with low cobble content. Gravel is rounded fine to coarse of sandstone. Cobbles are rounded fine to coarse of sandstone. (VO = 1,2)	0.80		
3.50	ES 3		3 Light grey sandy angular to subrounded fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subrounded of sandstone. (VO = 1,2)	3.00 (1.00)		
			EXPLORATORY HOLE ENDS AT 4.00 m	4.00		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 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 NSW624 Sheet 1 of 1	

Trial Pit Log

Logged SMCg Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated at 4.5m	Dimensions and Orientation Width 1.60 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown silty sandy subangular to subrounded fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subrounded of sandstone. Occasional rootlets. (VO = 0,2)	(0.90)		
1.50	ES 2		2 Light grey silty gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (VO = 1,2)	0.90 (1.30)		
3.50	ES 3		3 Greyish brown clayey silty angular to subrounded fine to coarse GRAVEL of sandstone. (VO = 2,3)	2.20 (2.30)		
			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 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 NSW625 Sheet 1 of 1		

Logged SMcG	Start 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.5m Terminated at 3.5m	Dimensions and Orientation Width 1.60 m Length 3.00 m	A B C D 000 (Deg)	Ground Level Coordinates National Grid Chainage	
Checked AP	End 26/09/2014					
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 Dark grey sandy SILT with low cobble content. Cobbles are subrounded of sandstone. Sand is fine. Some rootlets. (VO = 1,1)	(1.10)		
2.50	ES 2		2 Light grey silty angular to subrounded fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subrounded of sandstone. (VO = 1,2)	1.10 (2.40)		
			EXPLORATORY HOLE ENDS AT 3.50 m	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	
Notes: For explanation of symbols and abbreviations see key sheet. All 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 11:36:58			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW626 Sheet 1 of 1	

Trial Pit Log

Logged SMCg Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated at 4.5m		Dimensions and Orientation Width 1.60 m Length 3.50 m 		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.20	ES 1		1 Dark brown gravelly fine to coarse SAND. Gravel is subrounded fine to coarse of sandstone. Occasional rootlets. (TOPSOIL) (VO = 1,1)			(0.30)		
			2 (MADE GROUND) Dark grey mottled orange silty fine to coarse SAND with low cobble content. Cobbles are subrounded of sandstone. Occasional wire fragments. (VO = 2,2)			0.30		
1.50	ES 2					(2.30)		
			3 Dark grey silty angular to subangular fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subrounded of sandstone. (VO = 2,1)			2.60		
3.50	ES 3					(1.90)		
			EXPLORATORY HOLE ENDS AT 4.50 m			4.50		
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. Scale 1:25 (c) ESG www.esg.co.uk 426.4819/12/2014 11:37:00 			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW627 Sheet 1 of 1		

Trial Pit Log

Logged SMCg Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated at 4.5m	Dimensions and Orientation Width 1.60 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level, (Thickness), Legend, Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (TOPSOIL) Dark brown angular to subangular fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subrounded of sandstone. (VO = 0,1) 0.30 m Plastic sheeting	(0.50)		
1.50	ES 2		2 Light brown sandy gravelly SILT. Sand is fine. Gravel is rounded fine to coarse of sandstone. (VO = 1,1)	(1.30)		
3.50	ES 3		3 Dark grey silty clayey subangular to subrounded fine to coarse GRAVEL of sandstone with low cobble content. Cobbles are subrounded of sandstone. (VO = 3,3) 2.00 m Oil seepage	(2.70)		
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)	Stability Part of pit wall collapsing Shoring None Weather Dry		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4819/12/2014 11:37:03			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW628 Sheet 1 of 1		

Trial Pit Log



Logged SMCg Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.5m Terminated due to collapse.	Dimensions and Orientation Width 0.90 m Length 2.70 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
0.50	ES 1		1 (MADE GROUND) Grey gravelly SILT. Gravel is angular fine to coarse of sandstone. Occasional plastic sheeting and plastic pipes. (VO = 1,1)	(1.00)				
1.50	ES 2		2 (MADE GROUND) Grey silty subangular to rounded fine to coarse GRAVEL of sandstone and brick with low cobble content. Cobbles are subrounded of sandstone. (VO = 2,2)	1.00				
2.50	ES 3			(3.00)				
3.50	ES 4							
			3 Silty rounded fine to coarse GRAVEL of sandstone with high cobble content. Cobbles are subangular of sandstone. (VO = 0,1)	4.00				
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50				
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)		Stability Collapsing from 3.0m Shoring None Weather Overcast			
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4819/12/2014 11:37:05			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW629 Sheet 1 of 1			

Trial Pit Log

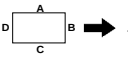
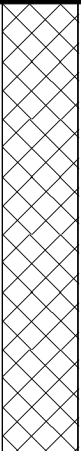
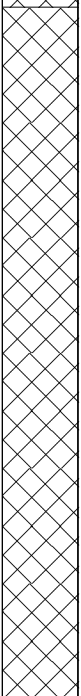
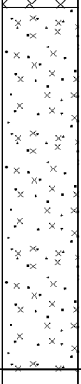
Logged AW Checked AP		Start 28/10/2014 End 28/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.8m Terminated due to collapse.	Dimensions and Orientation Width 1.30 m Length 6.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 Brown clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 0,0)	0.50		
1.50	ES 2		2 Grey slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. (VO = 3,3)	(2.30)		
			EXPLORATORY HOLE ENDS AT 2.80 m	2.80		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability 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. Scale 1:25 (c) ESG www.esg.co.uk 426.4805/02/2015 09:16:04			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW63 Sheet 1 of 1		

Trial Pit Log



Logged SMCg Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.0m Terminated in concrete slab.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown gravelly SILT. Gravel is rounded to subrounded fine to coarse of sandstone with low cobble content. Cobbles are subangular of sandstone and brick. Frequent rootlets, cloth, wooden posts, plastic pipe, steel pipe and concrete.		(1.00)		
			EXPLORATORY HOLE ENDS AT 1.00 m 1.00 m Concrete slab.		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 Overcast		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4819/12/2014 11:37:07			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW630 Sheet 1 of 1		

Trial Pit Log

Logged CP Checked AP		Start 29/09/2014 End 29/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 5.0m Terminated due to collapse.	Dimensions and Orientation Width 1.50 m Length 5.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.40	ES 1		1 (MADE GROUND) Firm greyish brown slightly sandy slightly gravelly silty CLAY with low cobble content. Sand is fine to coarse (predominantly fine). Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subrounded of sandstone. Abundant roots and rootlets. Iron sheeting and rods. (VO = 0,1)	(1.50)		
1.60	ES 2		2 (MADE GROUND) Firm bluish grey slightly gravelly sandy CLAY with high cobble content and medium boulder content. Sand is fine to coarse (predominantly fine to medium). Gravel is angular to subrounded, fine to coarse of sandstone and rare concrete. Boulders are angular of concrete. (VO = 0,2)	1.50 (2.30)		
4.00	ES 3		3 Soft slightly gravelly sandy SILT with high cobble content and rare boulder content. Sand is fine to coarse (predominantly fine). Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles and boulders are subangular to subrounded of sandstone. (VO = 0,2)	3.80 (1.20)		
Depth	Type & No.	Records Date	EXPLORATORY HOLE ENDS AT 5.00 m			
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Collapse at 4.00m Shoring None Weather Cloudy,hot	
Notes: For explanation of symbols and abbreviations see key sheet. All 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 11:37:10 			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW631 Sheet 1 of 1	

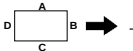
Trial Pit Log



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 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 (MADE GROUND) Dark brown stained black clayey gravelly, fine to coarse SAND with high cobble content and medium boulder content. Gravel is angular to well rounded of sandstone, brick and concrete. Cobbles are angular to well rounded of sandstone, brick and concrete. Boulders are angular to well rounded of sandstone and concrete. (VO = 4,3)			0.50			
1.50	ES 2		2 Light grey clayey slightly gravelly, fine to coarse SAND. Gravel is angular to well rounded, fine to coarse of sandstone and occasional siltstone. (VO = 0,0)			(3.50)			
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) 1 3.50 Small amount			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. (c) ESG www.esg.co.uk 426.4809/01/2015 15:13:45 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW632 Sheet 1 of 1			

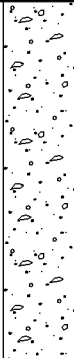
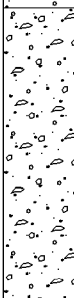
Trial Pit Log

Logged JC Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.20m Terminated on bedrock.	Dimensions and Orientation Width 1.80 m Length 4.30 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 Brown occasionally stained grey gravelly, fine to coarse (predominantly fine to medium) silty SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 1,0)	(1.00)		
1.50	ES 2		2 Brownish light grey frequently stained 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. Distinct hydrocarbon odour. (VO = 2,2)	(0.90)		
2.50	ES 3		3 Brownish grey occasionally 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. Strong hydrocarbon odour. (VO = 1,4)	1.90		
3.50	ES 4			(2.30)		
			EXPLORATORY HOLE ENDS AT 4.20 m	4.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 3.20 Slight seepage with oily sheen on surface.			Depth Related Remarks * From to (m)	Stability Slight collapse at 3.0m 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 Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW637 Sheet 1 of 1		

Logged JC	Start 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.20m Terminated due to collapse.	Dimensions and Orientation Width 1.50 m Length 3.80 m		Ground Level - Coordinates - National Grid - Chainage -
Checked AP	End 23/09/2014				
Samples and Tests			Strata		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend
0.50	ES 1		1 (MADE GROUND) Brown and dark grey occasionally stained grey slightly gravelly, fine to coarse organic SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Strong hydrocarbon odour. (VO = 1,3)	(1.10)	
1.50	ES 2		2 (MADE GROUND) Brownish grey occasionally heavily stained dark grey silty SAND and GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 3,4)	1.10	
2.50	ES 3			(2.10)	
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20	
			</		

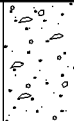
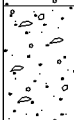
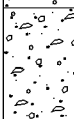
Trial Pit Log

Logged JC Checked AP	Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.40m Terminated at 4.40m	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests		Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown occasionally stained grey gravelly, fine to coarse (predominantly fine to medium) silty SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone and brick. Distinct hydrocarbon odour. (VO = 1,2)	(1.30)		
1.50	ES 2		2 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 angular to subangular of sandstone. Strong hydrocarbon odour. (VO = 2,5)	1.30		
2.50	ES 3			(3.10)		
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 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 426.4819/12/2014 11:37:12			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW639 Sheet 1 of 1		

Logged JC Checked AJ	Start 24/10/2014 End 24/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.20m Unable to progress through cobbles.	Dimensions and Orientation Width 2.00 m Length 4.30 m A B C D	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brownish light grey frequently stained grey 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 = 2,0)	(1.20)		
1.50	ES 2		2 Light grey occasionall stained dark grey 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. Distinct hydrocarbon odour. (VO = 1,2)	1.20 (1.00)		
			EXPLORATORY HOLE ENDS AT 2.20 m	2.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 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 426.4805/02/2015 09:16:07			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW64 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 24/09/2014 End 24/09/2014	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 4.20 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 Light greyish brown frequently stained grey 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. Strong hydrocarbon odour. (VO = 2,3)	(1.20)		
1.50	ES 2		2 Light grey heavily stained dark grey silty locally 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. Strong hydrocarbon odour. (VO = 4,4)	1.20 (0.70)		
2.50	ES 3		3 Grey 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. Overwhelming hydrocarbon odour. (VO = 3,5)	1.90 (1.40)		
			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 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 NSW640 Sheet 1 of 1		

Logged JC Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL 3.40m Unable to progress through cobbles.	Dimensions and Orientation Width 1.60 m Length 4.30 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 Brown frequently stained 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. Faint hydrocarbon odour. (VO = 2,1)			(0.80)		
1.50	ES 2		2 Light grey occasionally heavily stained dark grey silty locally silty slightly gravelly, fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 3,3)			0.80 (0.40)		
2.50	ES 3		3 Grey 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 subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 4,4)			1.20 (2.20)		
			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 Slight collapse throughout Shoring None Weather Sunny,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 (c) ESG www.esg.co.uk 426.4819/12/2014 11:37:17 			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW641 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.10m Unable to progress through possible boulders.	Dimensions and Orientation Width 1.40 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) Brown occasionally stained grey slightly 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 and brick. Faint hydrocarbon odour. (VO = 1,1)	(1.10)		
1.50	ES 2		2 Brownish grey frequently stained dark 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. Strong hydrocarbon odour. (VO = 2,4)	1.10 (0.90)		
2.50	ES 3		3 Grey occasionally heavily stained dark grey 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. Strong hydrocarbon odour. (VO = 3,4)	2.00 (1.10)		
			EXPLORATORY HOLE ENDS AT 3.10 m	3.10		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 426.4819/12/2014 11:37:20			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW642 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.30m Terminated as no progress through cobbles.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown occasionally stained grey slightly 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. Faint hydrocarbon odour. (VO = 1,1)	(1.10)		
1.50	ES 2		2 Light grey occasionally heavily stained dark grey 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. Strong hydrocarbon odour. (VO = 3,4)	1.10		
2.50	ES 3			(2.20)		
			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 Slight collapse throughout 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 NSW643 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.70m. Terminated on possible bedrock.	Dimensions and Orientation Width 1.40 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) Light brown occasionally stained grey slightly silty locally 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. Faint hydrocarbon odour. (VO = 1,1)	(1.10)		
1.50	ES 2		2 Grey frequently stained dark grey slightly silty SAND and GRAVEL with low cobble content. Gravel is angular to subrounded fine to coarse of sandstone. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. Strong hydrocarbon odour. (VO = 2,4)	1.10		
2.50	ES 3			(2.60)		
3.50	ES 4					
			EXPLORATORY HOLE ENDS AT 3.70 m 3.70 m 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 Stable Shoring None Weather Cloudy /slight		
Notes: For explanation of symbols and abbreviations see key sheet. All 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 14:57:32			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW644 Sheet 1 of 1		

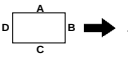
Trial Pit Log

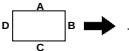
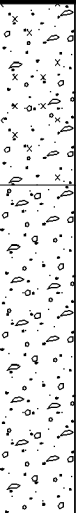
Logged JC Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.50m. Unable to progress through cobbles boulders.	Dimensions and Orientation Width 1.60 m Length 4.30 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Light brown occasionally stained light grey slightly silty locally silty gravelly fine to coarse SAND with low cobble content. Gravel is angular subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Faint hydrocarbon odour. (VO = 1,0)	(1.30)		
1.50	ES 2		2 Light grey frequently stained dark grey slightly silty gravelly fine to coarse SAND with a low cobble content. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Strong hydrocarbon odour. (VO = 2,3)	1.30 (1.40)		
2.50	ES 3		3 Grey occasionally heavy stained dark grey slightly silty SAND and GRAVEL with low to medium cobble content. Gravel is angular to subrounded fine to coarse of sandstone. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. Strong hydrocarbon odour. (VO = 3,4)	2.70 (0.80)		
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 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 NSW645 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.20m. Unable to progress through cobbles.	Dimensions and Orientation Width 1.60 m Length 4.30 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 greyish brown frequently stained dark grey slightly silty locally 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. Distinct hydrocarbon odour. (VO = 2,2)	(0.90)		
1.50	ES 2		2 Brownish light grey occasionally stained 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 = 1,3)	0.90 (0.80)		
2.50	ES 3		3 Grey occasionally heavily stained dark grey SAND and GRAVEL with low to medium cobble content. Gravel is angular to subrounded fine to coarse of sandstone. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. (VO = 3,4)	1.70 (1.50)		
			EXPLORATORY HOLE ENDS AT 3.20 m	3.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy/slight 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 (c) ESG www.esg.co.uk 426.4818/01/2015 14:57:40			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW646 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.6m. Terminated on bedrock.	Dimensions and Orientation Width 1.70 m Length 4.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown occasionally stained dark grey silty locally 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. Distinct hydrocarbon odour. (VO = 3,2)	0.20		
1.50	ES 2		2 Light grey frequently stained dark grey slightly silty gravelly fine to coarse SAND with a 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)	(1.60)		
2.50	ES 3		3 Light grey occasionally stained 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 angular to subangular of sandstone. Strong hydrocarbon odour. (VO = 1,4)	1.80 (0.80)		
			EXPLORATORY HOLE ENDS AT 2.60 m 2.60 m Bedrock	2.60		
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 14:57:42 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW647 Sheet 1 of 1		

Logged JC	Start 25/09/2014	Equipment, Methods and Remarks	Dimensions and Orientation		Ground Level	
Checked AP	End 25/09/2014	Komatsu PC210 Machine excavated trial pit from GL to 1.70m. Terminated on possible bedrock.	Width 1.50 m		Coordinates	
			Length 4.10 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 Brownish light grey frequently stained dark grey slightly silty locally silty gravelly fine to coarse SAND with low cobble content. Gravel is angular subrounded fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. Distinct hydrocarbon odour. (VO = 2,2)	0.60		
1.50	ES 2		2 Grey occasionally heavily stained dark grey slightly silty SAND and GRAVEL with 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. (VO = 3,4)	1.10		
			EXPLORATORY HOLE ENDS AT 1.70 m	1.70		

Trial Pit Log

Logged JC Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.80m. Terminated on possible bedrock.	Dimensions and Orientation Width 1.30 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
0.10	ES 1		1 Brown occasionally stained grey slightly silty locally 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 = 1,0)	0.20		
			2 Brownish light grey frequently stained dark grey slightly silty SAND and GRAVEL with 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. Strong hydrocarbon odour. (VO = 2,4)	(1.60)		
1.50	ES 2					
			EXPLORATORY HOLE ENDS AT 1.80 m 1.80 m Possible 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 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 14:57:47			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW649 Sheet 1 of 1		

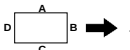
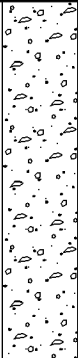
Logged JC Checked AJ	Start 24/10/2014 End 24/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.40m Unable to progress through cobbles.	Dimensions and Orientation Width 1.80 m Length 4.20 m A B C D E	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brownish light grey frequently stained grey 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. Faint hydrocarbon odour. (VO = 2,1)	(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)			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 426.4805/02/2015 09:16:10 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW65 Sheet 1 of 1	

[illegible]

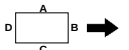
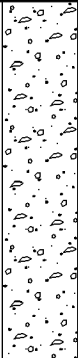
Trial Pit Log



Logged JC Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.10m. Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.80 m A B C D →		Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown occasionally stained light grey slightly silty sandy angular to subrounded fine to coarse GRAVEL of sandstone with a medium cobble content. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. Faint hydrocarbon odour. (VO= 1,1)		(1.10)		
			EXPLORATORY HOLE ENDS AT 1.10 m		1.10		
			1.10 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 Raining/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 14:57:52			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW651 Sheet 1 of 1		

Logged JC	Start 25/09/2014	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 3.90 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 Brown frequently stained grey slightly silty SAND and GRAVEL with 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. Distinct hydrocarbon odour. (VO = 2,2)	(1.20)		
			EXPLORATORY HOLE ENDS AT 1.20 m	1.20		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Raining/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 14:57:55			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW652 Sheet 1 of 1	

Logged JC Checked AP	Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pitf from GL to 1.30m Terminated on bedrock.	Dimensions and Orientation Width 1.60 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 Brown occasionally stained light grey slightly silty SAND and GRAVEL with low cobble content. Gravel is angular to subrounded fine to coarse of sandstone. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. Faint hydrocarbon odour. (VO = 1,1)	(1.30)		
			EXPLORATORY HOLE ENDS AT 1.30 m	1.30		

Logged JC	Start 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL-1.20m. Terminated on bedrock.	Dimensions and Orientation Width 1.40 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 Brown frequently stained grey slightly silty SAND and GRAVEL with medium cobble content. Gravel is angular to subrounded fine to coarse of sandstone. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. Faint hydrocarbon odour. (VO=2,1)	(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 Sun	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 13.41.44 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW654 Sheet 1 of 1	

[illegible]

Trial Pit Log

Logged JC Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.60m Terminated due to no progress through probable bedrock.	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
0.80	ES 1		1 Brown occasionally stained grey slightly silty locally silty SAND and GRAVEL with medium cobble content. Gravel is angular to subrounded fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. Sand is fine to coarse. (VO=1,1)	(1.60)		
			EXPLORATORY HOLE ENDS AT 1.60 m 1.60 m Possible bedrock.	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 Sun		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW656 Sheet 1 of 1		

Logged JC Checked AP	Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.80m. Terminated due to no progress through probable bedrock.	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 Light brown occasionally stained light grey SAND and GRAVEL with low cobble content and a faint hydrocarbon odour. Cobbles are subangular to subrounded of sandstone. (VO=1,1)	(1.00)		
1.50	ES 2		2 Dark brown gravelly slightly silty locally silty fine to coarse SAND. Gravel is angular to subrounded fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. (VO=0,0)	1.00 (0.80)		
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80		

Logged JC	Start 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated from GL to 2.10m Terminated due to no progress through probable bedrock.	Dimensions and Orientation Width 1.60 m Length 3.90 m	Ground Level - Coordinates - National Grid - Chainage -		
Checked AP	End 26/09/2014		A B C D B →			
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 SAND and GRAVEL with low cobble content. Gravel is angular to subrounded fine to coarse of sandstone. Sand is fine to coarse. Cobble is subangular to subrounded of sandstone. (VO=0,0)	(1.10)		
1.50	ES 2		2 Dark brown gravelly slightly silty fine to coarse SAND with medium cobble content. Gravel is angular to subrounded of sandstone. Cobbles are subangular to subrounded of sandstone. (VO=0,1)	1.10 (1.00)		
			EXPLORATORY HOLE ENDS AT 2.10 m	2.10	Possible 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 426.4811/12/2014 11:55:47			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW658 Sheet 1 of 1	

Trial Pit Log

Logged JC Checked AP		Start 26/09/2014 End 26/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL-1.90m. Terminated due to no progress through probable bedrock.	Dimensions and Orientation Width 1.20 m Length 4.30 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 and red fine to coarse SAND and GRAVEL with low cobble content. Gravel is angular to subrounded fine to coarse of sandstone, clinker and burnt shale. Sand is fine to coarse occasionally of ash. Cobbles are subangular to subrounded of sandstone, burnt shale and clinker. (VO=1,2)	(1.20)		
1.50	ES 2		Grey frequently stained dark grey slightly gravelly silty fine to coarse SAND with low cobble content. Gravel is angular to subangular fine to coarse of sandstone. Cobbles are angular to subangular of sandstone. Very strong hydrocarbon odour. (VO=0,4)	1.20 (0.70)		
			EXPLORATORY HOLE ENDS AT 1.90 m	1.90		
			1.90 m Possible 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 426.4811/12/2014 11:55:49			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW659 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AJ		Start 24/10/2014 End 24/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.50m Unable to progress through cobbles.	Dimensions and Orientation Width 1.70 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 Orangish light brown slightly silty locally silty gravelly, fine to coarse SAND with occasional cobbles. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 0,0)	(1.10)		
1.50	ES 2		2 Brownish light grey 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. Distinct hydrocarbon odour. (VO = 1,2)	1.10 (1.40)		
			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 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 NSW66 Sheet 1 of 1		

Trial Pit Log

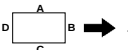
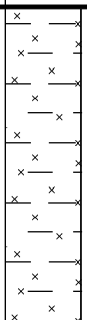
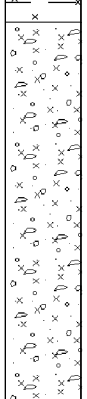
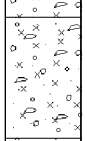
Logged SM Checked AP		Start 25/09/2014 End 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.6m. Terminated on concrete.	Dimensions and Orientation Width 0.90 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness) Legend Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brownish black clayey gravelly SILT with low cobble content. Gravel is angular to subangular coarse of sandstone and brick. Cobbles are subangular to subrounded of brick. (VO = 3,3)	(0.70)		
1.50	ES 2		2 Light brown silty subrounded to rounded fine to coarse GRAVEL of sandstone with occasional brick. (VO = 1,2)	0.70		
2.50	ES 3			(1.90)		
			EXPLORATORY HOLE ENDS AT 2.60 m 2.60 m Terminated on concrete.	2.60		
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 Overcast		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4818/01/2015 14:58:01			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW663 Sheet 1 of 1		

Logged SM	Start 25/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.6m. Terminated due to concrete, cobbles and boulders.	Dimensions and Orientation Width 0.90 m Length 4.00 m	Ground Level Coordinates National Grid Chainage
Checked AP	End 25/09/2014		D A B C →	- - -
Samples and Tests			Strata	
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness) Legend Backfill/ Instruments
0.50	ES 1		1 Light brown silty gravelly fine to coarse SAND. Gravel is rounded to subrounded fine coarse of sandstone. (VO = 0,0)	(0.60)
1.50	ES 2		2 Brown gravelly SILT with low boulder content. Gravel is subrounded to rounded fine to coarse of sandstone. Boulders are rounded to subrounded of sandstone. Occasional rootlets. (VO = 1,1)	0.60
2.50	ES 3			(2.00)
			EXPLORATORY HOLE ENDS AT 2.60 m	2.60
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 Fine
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW664 Sheet 1 of 1

Trial Pit Log



Logged SMCg Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.00m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 2.40 m A B C D B →		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description		Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Dark brown gravelly SILT with low boulder content. Gravel is subrounded to rounded coarse of sandstone and brick. Boulders are subrounded of sandstone. Occasional rootles. (VO = 0,0) 0.30 m Water pipe.		(1.80)			
2.50	ES 2		2 Light brown silty sandy subangular to rounded fine to coarse GRAVEL of sandstone with low boulder content. Sand is fine to coarse. Boulders are subrounded of sandstone. (VO = 0,0) 2.00 m Copper cable.		1.80 (1.20)			
			EXPLORATORY HOLE ENDS AT 3.00 m 3.00 m Sandstone bedrock.		3.00			
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 426.4819/12/2014 11:37:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW665 Sheet 1 of 1		

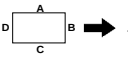
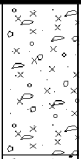
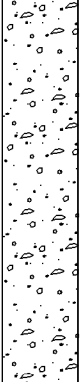
Logged SMcG	Start 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.8m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m	Ground Level Coordinates National Grid Chainage	
Checked AP	End 24/09/2014				
Samples and Tests		Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend
0.50	ES 1		1 Dark brown slightly gravelly clayey SILT. Gravel is subangular to subrounded fine to coarse of sandstone. Frequent rootlets and wood fragments. (VO = 0,0)	(1.10)	
1.50	ES 2		2 Light brown sandy gravelly SILT. Gravel is rounded to subrounded fine to coarse of sandstone. Sand is fine to coarse. (VO = 0,0)	1.10 (1.30)	
2.50	ES 3		3 Dark grey gravelly SILT. Gravel is angular fine to coarse of sandstone. (VO = 1,1)	2.40 (0.40)	
			EXPLORATORY HOLE ENDS AT 2.80 m	2.80	
			2.80 m 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 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 426.4819/12/2014 11:37:28			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW666 Sheet 1 of 1

Trial Pit Log



Logged SMCg Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.5m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m A B C D		Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown sandy, fine angular to rounded GRAVEL of sandstone and concrete with low boulder content. Boulders are subrounded of sandstone. Peaty bands in top 1m. (VO = 1,2)			(1.50)		
1.50	ES 2		EXPLORATORY HOLE ENDS AT 1.50 m			1.50		
			1.50 m Bedrock					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 426.4819/12/2014 11:37:30 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW667 Sheet 1 of 1		

Trial Pit Log

Logged SMCg Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.8m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Light brownish grey sandy gravelly SILT. Gravel is rounded to subrounded fine to coarse of sandstone. Occasional rootlets. (VO = 0,1)	(0.50)		
			2 Brownish grey silty sandy subangular to rounded fine to coarse GRAVEL of sandstone. (VO = 1,2)	0.50		
1.50	ES 2			(1.30)		
			EXPLORATORY HOLE ENDS AT 1.80 m	1.80		
			1.80 m Bedrock			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 NSW668 Sheet 1 of 1		

Trial Pit Log

Logged SMCg Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated in strata.	Dimensions and Orientation Width 0.90 m Length 3.10 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Light brown slightly silty gravelly fine to coarse SAND with medium cobble content. Gravel is angular to rounded fine to coarse of bricks and concrete. Cobbles are subangular of sandstone. (VO = 0,2)	0.50		
1.50	ES 2		2 Grey silty sandy angular to rounded fine to coarse GRAVEL of sandstone with medium cobble content. Cobbles are subrounded of sandstone. (VO = 1,2)	(1.30)		
2.20	ES 3		3 Grey silty subangular to subrounded GRAVEL of sandstone with high cobble content. (VO = 2,3)	1.80 (0.40)		
			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 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 426.4819/12/2014 11:37:34			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW669 Sheet 1 of 1		

Trial Pit Log

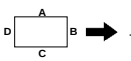


Logged JC Checked AJ		Start 24/10/2014 End 24/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.20m Terminated on concrete.	Dimensions and Orientation Width 1.70 m Length 3.80 m A B C D	Ground Level - Coordinates - National Grid - Chainage -
Samples and Tests			Strata		
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend Backfill/ Instruments
0.60	ES 1		1 (MADE GROUND) Light brown and red SAND and GRAVEL with low to medium cobble content. Sand is fine to coarse of ash. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO = 0,0)	(1.20)	
			EXPLORATORY HOLE ENDS AT 1.20 m	1.20	
			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 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 426.4805/02/2015 09:16:15 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW67 Sheet 1 of 1	

Trial Pit Log



Logged SMCg Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.80m. Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 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 silty sandy subrounded to rounded fine to coarse GRAVEL of sandstone. (VO = 0,0)			(1.00)		
1.50	ES 2		2 Dark grey SAND and GRAVEL with high boulder content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of sandstone. Boulders are subangular of sandstone. (VO = 1,3)			1.00 (0.80)		
			EXPLORATORY HOLE ENDS AT 1.80 m			1.80		
			1.80 m Sandstone bedrock.					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Dry		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4819/12/2014 11:37:37 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW670 Sheet 1 of 1		

Logged SMcG Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.2m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.50 m 		Ground Level Coordinates National Grid Chainage
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.00	ES 1		1 Greyish brown sandy subangular to subrounded fine to coarse GRAVEL of sandstone. (VO = 2,0)	(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 Dry	
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4804/02/2015 13.41:47 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW671 Sheet 1 of 1	

Trial Pit Log



Logged SMCg Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.7m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 4.00 m A B C D B →		Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
0.50	ES 1		1 (MADE GROUND) Dark grey silty gravelly fine to coarse SAND. Gravel is angular to rounded fine to coarse of sandstone and concrete. (VO = 1,2)	(2.00)				
1.50	ES 2							
2.50	ES 3		2 Dark grey and black clayey angular GRAVEL of sandstone. Hydrocarbon contamination. (VO = 3,3)	2.00 (0.70)		1		
			EXPLORATORY HOLE ENDS AT 2.70 m	2.70				
			2.70 m Bedrock					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.70 GW in base of pit.			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 426.4819/12/2014 11:37:39			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW672 Sheet 1 of 1		

Trial Pit Log



Logged SMCg Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.2m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.50 m 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
1.50	ES 1		1 Grey gravelly slightly silty fine to coarse SAND. Gravel is subrounded to rounded fine to coarse of sandstone. (VO = 0,3)		(2.70)		
2.50	ES 2		2 Dark grey clayey angular to subangular fine to coarse GRAVEL of sandstone. (VO = 3,3)		2.70 (0.50)		
3.20	ES 3		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) 1 3.20 GW in base of pit.			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 NSW673 Sheet 1 of 1		



Trial Pit Log



Logged SMCg Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.00m Terminated on bedrock.	Dimensions and Orientation Width 1.50 m Length 3.00 m A B C D B →		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	
1.50	ES 1		1 (MADE GROUND) Brown slightly clayey gravelly SILT. Gravel is angular to rounded fine to coarse sandstone and brick. Occasional plastic fragments. (VO = 1,1)	(0.50)			
			2 Brown gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of sandstone. Hydrocarbon contamination increases at depth. (VO = 1,2) becoming (VO = 4,3) from 3m depth.	0.50 -0.50			
2.50	ES 2			(3.50)			
3.50	ES 3						
			EXPLORATORY HOLE ENDS AT 4.00 m	4.00 -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 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 426.4819/12/2014 11:37:44			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW674 Sheet 1 of 1		

Trial Pit Log

Logged SM Checked AP	Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.00m Terminated on bedrock.	Dimensions and Orientation Width 1.60 m Length 3.00 m 	Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
1.50	ES 1		1 (MADE GROUND) Brown gravelly becoming slightly clayey from 0.50m fine to coarse SAND with low cobble content . Gravel is subrounded to rounded fine of sandstone. Cobbles are subrounded of sandstone. Occasional rootlets. Occasional plastic sheeting. (VO = 1,1)	(2.00)		
2.50	ES 2		2 Light brown gravelly fine to coarse SAND with medium cobble content. Gravel is subrounded to rounded fine to coarse of sandstone. Moderate hydrocarbon contamination. (VO = 3,3)	2.00		
3.50	ES 3			(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 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 NSW675 Sheet 1 of 1		

Trial Pit Log



Logged SM Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Terminated on bedrock.	Dimensions and Orientation Width 1.60 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) Light brown slightly silty gravelly fine to coarse SAND with medium cobble content. Gravel is subrounded fine to coarse of sandstone. (VO = 0,0)			(1.00)		
1.50	ES 1		2 (MADE GROUND) Light brown gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subrounded of sandstone with occasional concrete and occasional brick. Cobbles are subrounded of sandstone. Moderate hydrocarbon contamination. (VO = 2,2)			1.00		
2.50	ES 2					(3.50)		
3.50	ES 3							
4.50	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 4.50 Groundwater in base			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather Overcast		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4811/12/2014 11:55:53			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW676 Sheet 1 of 1		

Trial Pit Log

Logged SM Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 0.80m. Terminated at maximum reach of the excavator.	Dimensions and Orientation Width 1.60 m Length 3.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level, (Thickness), Legend, Backfill/ Instruments		
Depth	Type & No.	Date Records	Description	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
1.50	ES 1		1 Light brown sandy gravelly SILT with medium cobble content. Gravel is rounded to subrounded fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 1,1)	(0.80)		
			2 Light brown gravelly fine to coarse SAND with medium cobble content. Gravel is rounded to subrounded fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 1,1)	0.80		
2.50	ES 2			(3.70)		
3.50	ES 3					
4.50	ES 4		EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour 1 0.80 Groundwater in base			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 NSW677 Sheet 1 of 1		

Trial Pit Log



Logged SM Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Terminated at maximum reach of the excavator.	Dimensions and Orientation Width 1.80 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
1.50	ES 1		1 (MADE GROUND) Light brown slightly sandy slightly gravelly SILT. Gravel is subrounded to rounded fine to coarse of sandstone. (VO = 1,1)			(0.50)		
			2 (MADE GROUND) Light brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone and rare brick. Moderate hydrocarbon contamination. (VO = 3,3)			0.50		
2.50	ES 2					(4.00)		
3.50	ES 3							
4.50	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 4.50 Groundwater at base			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 426.4811/12/2014 11:55:58			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW678 Sheet 1 of 1		

Trial Pit Log



Logged SM Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m. Terminated at maximum reach of the excavator.	Dimensions and Orientation Width 1.60 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 Brownish orange slightly silty fine to coarse SAND with low cobble content. Cobbles are rounded to subrounded of sandstone. Occasional rootlets. (VO = 0,0)			(0.70)		
			2 Greyish brown gravelly fine to coarse SAND with medium cobble content. Gravel is subrounded to rounded fine to coarse of sandstone. Moderate hydrocarbon contamination. (VO = 2,2)			0.70		
						(3.80)		
			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 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 426.4811/12/2014 11:56:00			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW679 Sheet 1 of 1		

Trial Pit Log



Logged JC Checked AP		Start 24/10/2014 End 24/10/2014	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 Very soft to soft orangish brown slightly gravelly sandy SILT. Sand is fine to coarse (predominantly fine to medium). Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 0,0)			(0.90)		
1.50	ES 2		2 Light 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 subangular to subrounded of sandstone. (VO = 0,0)			0.90 (1.20)		
			EXPLORATORY HOLE ENDS AT 2.10 m 2.10 m Sandstone 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 Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4809/02/2015 14:58:42			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW68 Sheet 1 of 1		

Logged SM Checked AP	Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Terminated at maximum reach of the excavator.	Dimensions and Orientation Width 1.80 m Length 3.20 m A B C D B -	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
1.50	ES 1		1 (MADE GROUND) Dark brown gravelly SILT. Gravel is subrounded to rounded fine to coarse of sandstone and brick. Moderate hydrocarbon contamination. Frequent rootlets. Occasional plastic sheeting. Occasional pockets of peat. (VO = 2,3)	0.80		
			2 Dark grey slightly sandy gravelly SILT with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 3,3)	(2.70)		
			3 Light brown slightly sandy gravelly SILT with low cobble content. Gravel is subrounded to rounded fine to coarse of sandstone. Cobbles are subrounded of sandstone. (VO = 2,1)	(1.00)		
4.50	ES 4		EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 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 426.4811/12/2014 11:56:02			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW680 Sheet 1 of 1

Logged SM Checked AP	Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Terminated at maximum reach of the excavator.	Dimensions and Orientation Width 1.60 m Length 3.00 m A B C D B →		Ground Level Coordinates National Grid Chainage	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
		*	1 (MADE GROUND) Dark brown to black slightly sandy gravelly SILT with low cobble content. Sand is fine to coarse. Gravel is subangular to rounded fine to coarser of sandstone. Cobbles re subrounded of sandstone. Frequent wood and rootlets. Occasional plastic sheeting. (VO = 2,2)	(1.20)		
			2 Brownish grey slightly sandy gravelly SILT. Gravel is subrounded to rounded fine to coarse of sandstone. (VO = 1,1)	1.20		
			3 Dark grey gravelly fine to coarse SAND with medium cobble content. Gravel is subrounded to angular fine to coarse of sandstone. Cobbles are subrounded of sandstone. High hydrocarbon contamination. (VO = 4,4)	4.00 (0.50)		
			EXPLORATORY HOLE ENDS AT 4.50 m	4.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.50 Groundwater observed in base			Depth Related Remarks * From to (m) 0.00 No Samples Obtained		Stability Slight wall 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.			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW681 Sheet 1 of 1	

Trial Pit Log



Logged SM Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Terminated on concrete.	Dimensions and Orientation Width 1.60 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
1.50	ES 1		1 (TOPSOIL) Dark brown stiff sandy CLAY. Sand is fine to coarse. Frequent rootlets. (VO = 1,1)			(0.50)		
			2 (MADE GROUND) Dark brown and black soft sandy gravelly CLAY with medium cobble content. Gravel is subangular to subrounded fine to coarse of siltstone, brick and plastic. Cobbles are subrounded of sandstone and siltstone, rare fragments of copper cable. (VO = 2,2)			0.50		
2.50	ES 2					(4.00)		
3.50	ES 3							
4.50	ES 4		EXPLORATORY HOLE ENDS AT 4.50 m 4.50 m Terminated on concrete.			4.50		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.50 Water in base			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 426.4811/12/2014 11:56:06			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW682 Sheet 1 of 1		

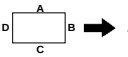
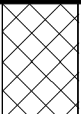
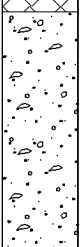
Trial Pit Log

Logged SM Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 1.60 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 Dark brown to black slightly gravelly slightly clayey silty fine to coarse SAND. Gravel is angular to subangular fine to coarse of sandstone. Moderate hydrocarbon contamination. (VO = 2,2)	(1.00)		
1.50	ES 2		2 Dark greyish brown slightly sandy gravelly SILT with medium cobble content. Gravel is subrounded to rounded fine to coarse of sandstone. Cobbles are subrounded of sandstone and siltstone. (VO = 1,1)	1.00		
2.50	ES 3					
3.50	ES 4			(3.50)		
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 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 426.4811/12/2014 11:56:13			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW684 Sheet 1 of 1		

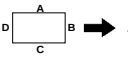
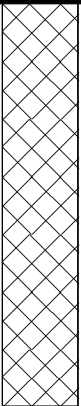
Trial Pit Log

Logged JC Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.10m Terminated due to collapse.	Dimensions and Orientation Width 1.50 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Brown occasionally stained dark grey slightly silty gravelly, fine to coarse SAND with low cobble content and medium boulder content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subangular of sandstone and brick. Boulders are subangular to subrounded of concrete. Occasional telegraph poles. Faint hydrocarbon odour. (VO = 1,1)	(0.90)		
1.50	ES 2		2 Brownish 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 angular to subangular of sandstone. Strong hydrocarbon odour. (VO = 2,4)	0.90 (1.20)		
			EXPLORATORY HOLE ENDS AT 2.10 m	2.10		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m)			Depth Related Remarks * From to (m)	Stability Collapse from 1.40 to 1.80m 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 426.4819/12/2014 11:37:46			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW689 Sheet 1 of 1		

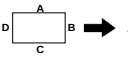
Trial Pit Log

Logged JC Checked AP		Start 24/10/2014 End 24/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.10m Unable to progress through cobbles.	Dimensions and Orientation Width 1.90 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
0.20	ES 1		1 (MADE GROUND) Brownish red SAND and GRAVEL with low cobble content. Sand is fine to coarse of ash. Gravel is angular to subrounded, fine to coarse of brick. Cobbles are subangular to subrounded of clinker and brick. (VO = 0,0)	(0.40)		
0.80	ES 2		2 Light brown gravelly slightly silty, 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)	(0.80)		
1.50	ES 3		3 Brownish grey slightly silty SAND and GRAVEL with 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. (VO = 0,0)	(0.90)		
			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 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 NSW69 Sheet 1 of 1	

Trial Pit Log

Logged KH Checked AP		Start 22/09/2014 End 22/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.99m 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) Brown mottled black slightly 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. Abundant black organic material. Rare pipe and rootlets. (VO = 1,1)	(1.33)		
1.50	ES 2		2 Grey sandy subangular to rounded 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 subangular of sandstone. (VO = 1,1)	1.33		
2.50	ES 3					
3.50	ES 4			(3.66)		
4.50	ES 5					
				4.99		
Depth	Type & No.	Records Date	EXPLORATORY HOLE ENDS AT 4.99 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 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 426.4811/12/2014 11:56:16 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW690 Sheet 1 of 1	

Trial Pit Log

Logged KH Checked AP		Start 22/09/2014 End 22/09/2014	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			
0.50	ES 1		1 Dark brown mottled black slightly clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. Frequent black organic material. Rare rootlets. (VO = 1,1)	0.40 m Plastic sheeting.	(0.80)	
1.50	ES 2		2 Grey sandy angular to subrounded fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to medium. Cobbles are subangular to subrounded of sandstone. 1 no. subangular boulder of sandstone. (VO = 3,2)		0.80	
2.50	ES 3					
3.50	ES 4			3.10-4.85 m Brownish grey	(4.05)	
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) 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. Scale 1:25			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW691 Sheet 1 of 1		

Trial Pit Log

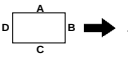
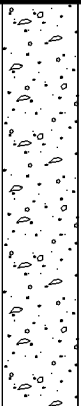
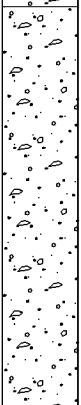
Logged KH Checked AP		Start 22/09/2014 End 22/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.80m Terminated at maximum reach of excavator	Dimensions and Orientation Width 0.90 m Length 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown slightly clayey slightly gravelly fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are subangular of sandstone. (VO = 0,0)	(1.04)		
1.50	ES 2		2 Grey slightly silty gravelly fine to coarse SAND with medium cobble content and rare boulders. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. Rare angular to subrounded boulders of sandstone. (VO = 3,3)	1.04		
2.50	ES 3					
3.50	ES 4			(3.76)		
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 4.30 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 NSW692 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 23/09/2014 End 23/09/2014	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 1.00 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 Brown slightly gravelly fine to coarse SAND. Gravel is angular to rounded, fine to coarse of sandstone. Frequent rootlets and vegetation. (VO = 0,1)	(0.80)			
1.50	ES 2		2 Grey 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 = 2,3)	0.80			
2.50	ES 3						
3.50	ES 4			(3.92)			
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 2.65 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 426.4811/12/2014 11:56:23 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW693 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 23/09/2014 End 23/09/2014	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 3.30 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 Brown to dark brown slightly gravelly fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Frequent pockets of black organic material. Frequent rootlets and rare wood fragments. (VO = 0,1)	(1.35)		
1.50	ES 2		2 Grey gravelly fine to coarse SAND with medium cobble and low boulder content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. Boulders are angular to subangular of sandstone. (VO = 2,2)	1.35		
2.50	ES 3					
3.50	ES 4			(3.45)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.80 m	4.80		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather 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 NSW694 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 23/09/2014 End 23/09/2014	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 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 slightly clayey slightly gravelly fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Occasional black organic material. Rare rootlets. (VO = 0,0)			(1.20)		
1.50	ES 2		2 Grey gravelly fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 3,2)			1.20		
2.50	ES 3							
3.50	ES 4		3.20-4.85 m Sandy gravel.			(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) 1 4.50 Slight hydrocarbon staining.			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 426.4811/12/2014 11:56:27			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW695 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 23/09/2014 End 23/09/2014	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 4.00 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level, (Thickness)		
Depth	Type & No.	Date Records	Description	Depth, Level, (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown gravelly fine to coarse SAND with high cobble content. Gravel is angular to subrounded, fine to coarse of sandstone and concrete. Cobbles are angular to subangular of concrete. Rare rootlets and wood fragments. (VO = 0,0) 0.40 m Old pipe.	(0.70)		
1.50	ES 2		2 Grey 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. (VO = 3,3)	0.70		
2.50	ES 3					
3.50	ES 4		3.30-4.85 m Sandy gravel.	(4.15)		
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 (c) ESG www.esg.co.uk 426.4811/12/2014 11:56:29			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW696 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.75m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 4.00 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 sandy angular to subrounded, fine to coarse GRAVEL of sandstone, brick and concrete with low cobble content. Cobbles are angular to subrounded of sandstone. Rare plastic material and rootlets. (VO = 0,0)	(1.03)		
1.50	ES 2		2 Grey gravelly fine to coarse SAND with low cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 2,2)	1.03		
2.50	ES 3					
3.50	ES 4			(3.72)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.75 m	4.75		
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 NSW697 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.78m 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 sandy angular to rounded, fine to coarse GRAVEL of sandstone and concrete with low cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone and concrete. Rare rootlets. (VO = 0,0)				
1.50	ES 2		0.60-1.10 m Dark brown.		(1.60)		
2.50	ES 3		1.10-1.60 m Greyish brown to grey.		1.60		
3.50	ES 4		2 Grey 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 = 3,2)		(3.18)		
4.50	ES 5						
			EXPLORATORY HOLE ENDS AT 4.78 m		4.78		
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 4.78 Seepage at base			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 NSW698 Sheet 1 of 1		



Trial Pit Log



Logged KH Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.73m. Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 4.00 m A B C →	Ground Level Coordinates National Grid Chainage		
Samples and Tests			Strata				
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments	
0.50	ES 1		1 Brown sandy angular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 0,0) 0.30 m Plastic sheeting. 0.40 m Brownish grey.	(1.30)			
1.50	ES 2		2 Grey to 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 subrounded of sandstone. (VO = 1,1)	1.30			
2.50	ES 3		2.10-3.73 m Blackish grey.	(2.43)			
3.50	ES 4		3.73 m Sandstone bedrock.	3.73			
			EXPLORATORY HOLE ENDS AT 3.73 m				
Depth	Type & No.	Records Date					
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)		Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. (c) ESG www.esg.co.uk 426.4811/12/2014 11:56:39 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW699 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 24/10/2014 End 24/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.00m Terminated as no progress through cobbles.	Dimensions and Orientation Width 2.00 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			
0.50	ES 1		1 Light brown slightly gravelly slightly silty, fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 0,0)	(1.10)		
1.50	ES 2		2 Brownish light grey occasionally stained black 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 = 1,1)	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)			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 426.4817/02/2015 15:56:35			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW70 Sheet 1 of 1		

[illegible]

Trial Pit Log



Logged KH Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.03m Terminated on bedrock.	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 Brown to greyish brown 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 sandstone. (VO = 2,2) 2.00-3.03 m Grey to blackish grey. 3.03 m Sandstone bedrock.			(3.03)		
1.50	ES 2							
2.50	ES 3							
			EXPLORATORY HOLE ENDS AT 3.03 m			3.03		
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 426.4811/12/2014 11:56:44			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW701 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 23/09/2014 End 23/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.85m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.10 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 sandy angular to subrounded fine to coarse GRAVEL of sandstone with low cobble content. Sand is medium to coarse. Cobbles are subangular to subrounded of sandstone. Rare rootlets. (VO = 0,0)			(1.40)		
1.50	ES 2		2 Grey to dark grey gravelly fine to coarse SAND with medium cobble content. Gravel is angular to rounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 3,2)			1.40		
2.50	ES 3		2.00-2.85 m Locally slightly sandy gravel.			(1.45)		
			EXPLORATORY HOLE ENDS AT 2.85 m 2.85 m Sandstone bedrock.			2.85		
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 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 426.4811/12/2014 11:56:47			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW702 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.65m 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 Brown to dark brown slightly sandy angular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. Rare rootlets. (VO = 0,0)			(1.18)		
1.50	ES 2		2 Grey sandy angular to subrounded, fine to coarse GRAVEL of sandstone with low cobble and boulder content. Sand is fine to medium. Cobbles and boulders are angular to subangular of sandstone. (VO = 0,0)			1.18 (1.47)		
2.50	ES 3		2.40-2.65 m High cobble content . 2.65 m Sandstone bedrock.			2.65		
			EXPLORATORY HOLE ENDS AT 2.65 m					
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 426.4819/12/2014 11:37:49 AGS			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW703 Sheet 1 of 1		

[illegible]

Trial Pit Log



Logged KH Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.55m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.30 m A B C D		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 Brown to dark brown slightly gravelly slightly silty fine to coarse SAND with low cobble content. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. Frequent rootlets and wood fragments. (VO = 1,1) 0.30 m Metal board (900 x 30 x 10mm).			(1.20)		
1.50	ES 2		2 Grey sandy angular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 1,2)			1.20		
2.50	ES 3		2.33-3.55 m Slightly sandy high cobble content.			(2.35)		
3.50	ES 4		EXPLORATORY HOLE ENDS AT 3.55 m 3.55 m Sandstone bedrock.			3.55		
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 426.4819/12/2014 11:37:54			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW705 Sheet 1 of 1		

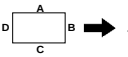
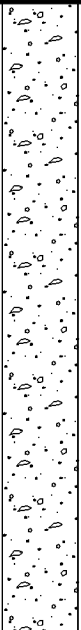
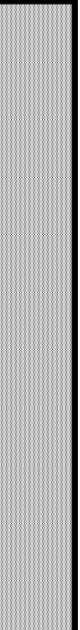
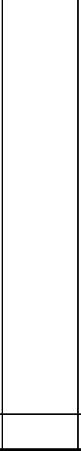
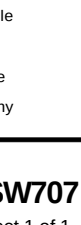
Trial Pit Log



Logged KH Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.90m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.50 m A B C D B C		Ground Level Coordinates National Grid Chainage		- - -
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Dark brown mottled grey slightly 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. Rare metal and rootlets. (VO = 1,1)			(0.70)		
1.50	ES 2		2 Brown to light brown slightly gravelly fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 0,0)			0.70 (1.04)		
2.50	ES 3		3 Grey gravelly fine to coarse SAND with low cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobble angular to subangular of sandstone. (VO = 2,2)			1.74 (1.16)		
			2.60 m High cobble and boulder content.					
			EXPLORATORY HOLE ENDS AT 2.90 m			2.90		
			2.90 m Solid 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 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 NSW706 Sheet 1 of 1		



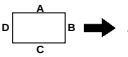
Trial Pit Log

Logged KH Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.6m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.10 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 Dark brown to grey slightly silty slightly 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. Rare rootlets. (VO = 1,1)	(2.10)			
1.50	ES 2		0.70-2.10 m Brown to light brown.				
2.50	ES 3		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 subrounded of sandstone. (VO = 2,2)	2.10			
3.50	ES 4			(1.50)			
			EXPLORATORY HOLE ENDS AT 3.60 m 3.60 m Sandstone bedrock.	3.60			
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 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 11:37:58 			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW707 Sheet 1 of 1			

Trial Pit Log

Logged KH Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.50m Terminated at maximum reach of excavator.	Dimensions and Orientation Width 0.90 m Length 2.90 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) Dark brown gravelly fine to coarse SAND with low cobble and boulder content. Gravel is angular to subrounded, fine to coarse of sandstone and concrete. Cobbles and boulders are angular to subangular of concrete. Rare metal pipes and rootlets. (VO = 1,1)	0.30-1.60 m Dark brown mottled grey. 0.90-1.60 m Slight silty.	(1.60)	
1.50	ES 2					
2.50	ES 3		2 Light brown to brown slightly gravelly SAND with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 2,1)		(1.50)	
3.50	ES 4		3 Grey gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 2,2)	4.00-4.50 m Slight sandy gravel.	(1.40)	
4.50	ES 5		EXPLORATORY HOLE ENDS AT 4.50 m			
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4819/12/2014 11:38:01			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW708 Sheet 1 of 1		

Trial Pit Log

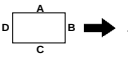
Logged KH Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.6m Terminated on sandstone.	Dimensions and Orientation Width 0.90 m Length 3.30 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	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 black and brown slightly gravelly fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Pockets of clayey black organic material. Frequent rootlets. (VO = 3,3)	(2.08)		
1.50	ES 2					
2.50	ES 3		2 (MADE GROUND) Grey sandy angular to subrounded, fine to coarse GRAVEL of sandstone and brick with low cobble content. Sand is fine to coarse. Cobbles are angular to subangular of sandstone.	2.08 (0.52)		
			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) 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 NSW709 Sheet 1 of 1		

Trial Pit Log



Logged JC Checked AP		Start 24/10/2014 End 24/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.00m Terminated due to flooding.	Dimensions and Orientation Width 1.80 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 Orangish light 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. (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) 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 426.4818/02/2015 14:01:56 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW71 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 24/09/2014 End 24/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.76m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.10 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Dark brown sandy angular to subrounded, fine to coarse GRAVEL of glass, sandstone and concrete with medium cobble and low boulder content. Sand is fine to coarse. Cobbles are angular to subrounded of concrete and sandstone. Boulders are angular to subrounded of concrete. Rare metal and plastic. Occasional rootlets. (VO = 1,2)	0.50-1.00 m Mottled dark grey.	(1.00)	
1.50	ES 2		2 Grey gravelly fine to coarse SAND with low cobble content. Gravel is subangular to rounded, fine to coarse of sandstone. Cobbles are subangular to subrounded of sandstone. (VO + 3,2)		(1.76)	
2.50	ES 3					
			EXPLORATORY HOLE ENDS AT 2.76 m 2.76 m Sandstone bedrock.		2.76	
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 NSW710 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 18/09/2014 End 18/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.2m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 4.10 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 to greyish brown sandy angular to subrounded, fine to coarse GRAVEL of sandstone and glass with medium cobble content. of sandstone and glass. Cobbles are angular to subangular of sandstone and brick. Occasional black organic material. Rare rootlets and boulders of sandstone. (VO = 1,1) 0.30 m Pipe.	(2.20)	1	
1.50	ES 2					
2.20	ES 3		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) 1 0.30 Seepage			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4811/12/2014 11:56:49 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW719 Sheet 1 of 1		

Trial Pit Log

Logged JC Checked AP		Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.70m Terminated on bedrock.	Dimensions and Orientation Width - Length -	Ground Level - Coordinates - 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 slightly 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)	(1.70)		
1.50	ES 2					
			EXPLORATORY HOLE ENDS AT 1.70 m	1.70		
			1.70 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 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 NSW72 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 18/09/2014 End 18/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.83m Terminated on possible bedrock.	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 and greyish brown sandy angular to subrounded, fine to coarse GRAVEL of sandstone and glass with low cobble content. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. Frequent rootlets. (VO = 0,0) 0.40 m Plastic sheeting.			(1.30)		
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 subrounded of sandstone. (VO = 2,1)			1.30 (1.53)		
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.83 m 2.83 m Possible bedrock.			2.83		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.83 Seepage at base.			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 426.4811/12/2014 11:56:51			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW720 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 19/09/2014 End 19/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.50m Terminated on bedrock.	Dimensions and Orientation Width 0.90 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 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 sanstone. Frequent rootlets and rare organic black material. (VO = 1,2)			(2.10)		
1.50	ES 2							
			2 Grey sandy angular to subangular, fine to coarse GRAVEL of sandstone with high cobble content. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. (VO = 2,2)			2.10 (0.40)		
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m 2.50 m Sandstone bedrock.			2.50		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 426.4811/12/2014 11:56:53 AGS			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW721 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 19/09/2014 End 19/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.6m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.20 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 sandy angular to subrounded, fine to coarse GRAVEL of sandstone, glass and tarmac with low cobble content and low boulder content. Sand is fine to coarse. Cobbles and boulders are angular to subangular of sandstone and concrete. Frequent rootlets and vegetation. (VO = 0,1)	(2.80)		
1.50	ES 2					
2.50	ES 3					
3.50	ES 4		2 Grey sandy angular to subrounded, fine to coarse GRAVEL of sandstone with high cobble content. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. (VO = 1,1)	2.80 (0.80)		
			EXPLORATORY HOLE ENDS AT 3.60 m	3.60		
			3.60 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 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 426.4811/12/2014 11:56:59			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW722 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 19/09/2014 End 19/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.83m 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 Brown mottled grey slightly gravelly SAND. Gravel is subangular to subrounded, fine to coarse of sandstone. Sand is fine to coarse. Occasional rootlets and wood fragments. Occasional pockets of grey organic matter. (VO = 0,1)	(2.15)		
1.50	ES 2					
2.50	ES 3		2 Grey sandy angular to subrounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are subangular to subrounded of sandstone. (VO = 3,3) Becmoning (VO = 4,2) from 4.10m.	2.15		
3.50	ES 4		4.10-4.83 m Colour change to black.	(2.68)		
4.50	ES 5					
			EXPLORATORY HOLE ENDS AT 4.83 m	4.83		
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 426.4811/12/2014 12:01:23			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW723 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 19/09/2014 End 19/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 3.30m Terminated on bedrock.	Dimensions and Orientation Width 0.80 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 mottled grey slightly 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. Frequent rootlets and rare plastic. (VO = 0,1)	(2.20)		
1.50	ES 2					
2.50	ES 3		2 Grey to dark 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 = 2,2)	2.20 (1.10)		
3.30	ES 4		3.00-3.30 m Slightly sandy, medium cobble content, 3.30 m Sandstone bedrock. 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		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25 (c) ESG www.esg.co.uk 426.4811/12/2014 12.01.26			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW724 Sheet 1 of 1		

Trial Pit Log



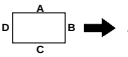
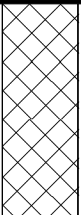
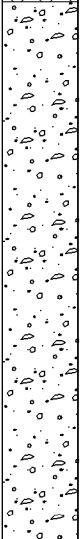
Logged KH Checked AP		Start 19/09/2014 End 19/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.80m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 4.10 m A B C D		Ground Level - Coordinates - National Grid - Chainage -		
Samples and Tests			Strata					
Depth	Type & No.	Date Records	Description			Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly gravelly fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone, brick and concrete. 3 No. angular to subangular cobbles of sandstone. Frequent rootlets. (VO = 0,0) 0.20 m Pipe.			(1.30)		
1.50	ES 2		2 Grey becoming dark grey with depth gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 0,0)			1.30 (1.50)		
2.50	ES 3							
2.80	ES 4		EXPLORATORY HOLE ENDS AT 2.80 m 2.80 m Sandstone bedrock.			2.80		
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)			Stability Stable Shoring None Weather 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 426.4811/12/2014 12:01:34			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW726 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked AP		Start 19/09/2014 End 19/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.82m Terminated on bedrock.	Dimensions and Orientation Width 0.90 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
0.50	ES 1		1 (MADE GROUND) Brown sandy angular to subrounded, fine to coarse GRAVEL of sandstone, brick and concrete with medium cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. Rare rootlets. (VO = 0,1)			(1.05)		
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 = 2,2)			1.05 (1.77)		
2.50	ES 3		2.70-2.82 m Blackish grey 2.82 m Sandstone bedrock.			2.82		
			EXPLORATORY HOLE ENDS AT 2.82 m					
Depth	Type & No.	Records Date						
Groundwater Entries No. Struck Post Strike Behaviour (m) 1 2.82 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 426.4811/12/2014 12:01:37			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited			Trial Pit NSW727 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked AP		Start 19/09/2014 End 19/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 2.50m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.10 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
Depth	Type & No.	Date Records	Description			
0.50	ES 1		1 (MADE GROUND) Light brown to brown 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 subrounded of sandstone. Rare rootlets. (VO = 0,1)	0.70		
1.50	ES 2		2 Grey slightly sandy angular to rounded, fine to coarse GRAVEL of sandstone with high cobble and low boulder content. Sand is fine to coarse. Cobbles and boulders are angular to subrounded of sandstone. (VO = 2,2)	(1.80)		
2.50	ES 3		EXPLORATORY HOLE ENDS AT 2.50 m 2.50 m Sandstone bedrock.	2.50		
Depth	Type & No.	Records Date				
Groundwater Entries No. Struck Post Strike Behaviour (m) None observed (see Key Sheet)			Depth Related Remarks * From to (m)	Stability Stable Shoring None Weather Cloudy		
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:25			Project Coed Darcy Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW728 Sheet 1 of 1		

Trial Pit Log



Logged KH Checked LL		Start 19/09/2014 End 19/09/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 4.07m Terminated on bedrock.	Dimensions and Orientation Width 0.90 m Length 3.30 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 slightly gravelly fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. Rare rootlets. (VO = 0,1)	(0.50)			
1.50	ES 2		2 (MADE GROUND) Grey to dark grey gravelly fine to coarse SAND with medium cobble content. Gravel is subangular to rounded of sandstone and brick fragments. Cobbles are angular to subrounded of sandstone. (VO = 1,1)	0.50			
2.50	ES 3			(3.57)			
3.50	ES 4			4.07			
			EXPLORATORY HOLE ENDS AT 4.07 m	4.07 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 426.4803/12/2014 13:57:38			Project Coed Darcy Sitewide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited		Trial Pit NSW729 Sheet 1 of 1		

Trial Pit Log



Logged JC Checked AP		Start 23/10/2014 End 23/10/2014	Equipment, Methods and Remarks Komatsu PC210 Machine excavated trial pit from GL to 1.40m Terminated on bedrock.	Dimensions and Orientation Width 1.90 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
0.20	ES 1		1 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 tabular of sandstone. (VO = 0,0)			(1.40)		
			EXPLORATORY HOLE ENDS AT 1.40 m			1.40		
			1.40 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 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 NSW73 Sheet 1 of 1		



Trial Pit Log



Logged KH Checked AP		Start 24/09/2014 End 24/09/2014	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 4.00 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 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 concrete. (VO = 0,0)		(0.95)			
1.50	ES 2		2 Grey slightly gravelly fine to coarse SAND with medium cobble content. Gravel is angular to rounded, fine to coarse of sandstone. Cobbles are angular to subrounded of sandstone. (VO = 2,2)		0.95			
2.50	ES 3				(3.90)			
3.50	ES 4		3.15-4.10 m Gravelly sand.					
4.50	ES 5		4.10-4.85 m Slight sandy gravel.					
			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 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 NSW730 Sheet 1 of 1		



Trial Pit Log

Logged KH Checked LL		Start 19/09/2014 End 19/09/2014	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 3.50 m 	Ground Level - Coordinates - National Grid - Chainage -	
Samples and Tests			Strata			
Depth	Type & No.	Date Records	Description	Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
0.50	ES 1		1 (MADE GROUND) Brown slightly gravelly slightly clayey SAND. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of sandstone, brick and concrete. Rare rootlets and plastic. (VO = 0,1)	(1.15)		
1.50	ES 2		2 Black mottled grey gravelly slightly silty fine to coarse SAND. Gravel is angular to subrounded, fine to coarse of sandstone. (VO = 5,3)	1.15 (0.45)		
2.50	ES 3		3 Grey gravelly fine to coarse SAND with medium cobble and low boulder content. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles and boulders are angular to subrounded of sandstone. (VO = 3,3)	1.60		
3.50	ES 4			(3.25)		
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 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 NSW731 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 22/09/2014 End 22/09/2014	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 - Length -	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 sandy is angular to subrounded, fine to coarse GRAVEL of sandstone and concrete with low cobble content. Sand is medium to coarse. Cobbles are angular to subrounded of sandstone. Rare rootlets. (VO = 0,0)	0.05		
1.50	ES 2		2 Grey sandy subangular to subrounded, fine to coarse GRAVEL of sandstone with medium cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. Single boulder of rounded sandstone. (VO = 3,3)			
2.50	ES 3					
3.50	ES 4					
4.50	ES 5					
			2.00-2.80 m Gravelly sand	(4.58)		
			EXPLORATORY HOLE ENDS AT 4.63 m	4.63		
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 Site-wide Trial Pitting Project No. H4039-14 Carried out for St Modwen Developments Limited	Trial Pit NSW732 Sheet 1 of 1		

Trial Pit Log

Logged KH Checked LL		Start 22/09/2014 End 22/09/2014	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 - Length -	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 rounded, fine to coarse GRAVEL of sandstone with low cobble content. Sand is fine to coarse. Cobbles are angular to subangular of sandstone. Frequent rootlets. (VO = 0,0)	(0.70)		
1.50	ES 2		2 Grey gravelly SAND with medium cobble content. Sand is fine to coarse. Gravel is angular to subrounded, fine to coarse of sandstone. Cobbles are subangular to rounded of sandstone. (VO = 2,3)	0.70		
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 4.72 Seepage at base.			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 NSW733 Sheet 1 of 1	