

APPENDIX IV
Site Investigation Logs

PROJECT Pontefract Road, Cudworth					BOREHOLE No. WS1		
CLIENT Barratt Sheffield					DATE 12/05/2007		
METHOD Dart					PROJECT No. S7/028		
EASTING -			NORTHING -		GROUND LEVEL (mAOD) -		

GROUNDWATER		DEPTH (m)	DESCRIPTION	LEGEND	LEVEL (mAOD)	SAMPLES & TESTS		
STRIKE	WELL					DEPTH (m)	TYPE	SPT 'N'
		0.14	TARMAC.	XXXXXX				
		0.20	MADE GROUND (Hardcore).	XXXXXX		● 0.20	D 001	
		(0.60)	Brown slightly silty gravelly SAND with occasional coal fragments. Gravel recovered as moderately weak subangular weathered sandstone.	XXXXXX				
		0.80	Brown clayey gravelly SAND. Gravel recovered as moderately weak subangular weathered sandstone.	XXXXXX		● 0.80	D 002	
		1.12	Weak brown thinly bedded angular fragmentals/cobbles of sandy weathered SANDSTONE.	XXXXXX				
		1.55	End of Window Sample at 1.55 m					

KEY :

Sample Type :
T - Plastic Tub (disturbed)
J - Amber Glass Jar
V - Glass Vial
W - Water
D - Disturbed

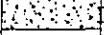
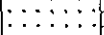
Groundwater :
 - Water Strike
 - Water Level

In-situ Tests :
S - Standard Penetration Test
C - Cone Penetration Test

REMARKS :
1. Driller's descriptions;
2. No groundwater encountered.

LOGGED BY CH	CHECKED BY SMB	APPROVED BY 	
FIG	SCALE 1:50	Sheet 1 of 1	

PROJECT Pontefract Road, Cudworth					BOREHOLE No. WS2		
CLIENT Barratt Sheffield					DATE 12/05/2007		
METHOD Dart					PROJECT No. S7/028		
EASTING -			NORTHING -		GROUND LEVEL (mAOD) -		

GROUNDWATER		DEPTH (m)	DESCRIPTION	LEGEND	LEVEL (mAOD)	SAMPLES & TESTS		
STRIKE	WELL					DEPTH (m)	TYPE	SPT 'N'
		0.06	TARMAC.					
		0.16	CONCRETE.					
		0.25	MADE GROUND comprising firm clayey gravel with hardcore.		● 0.25	D	001	
		0.65	Brown clayey gravelly SAND. Gravel recovered as moderately weak subangular weathered sandstone.					
		(0.95)	Weak brown thinly bedded angular fragments/cobbles of sandy weathered SANDSTONE.		● 1.00	D	002	
		1.60	End of Window Sample at 1.60 m					

KEY : Sample Type : T - Plastic Tub (disturbed) J - Amber Glass Jar V - Glass Vial W - Water D - Disturbed				Groundwater :  - Water Strike  - Water Level		In-situ Tests : S - Standard Penetration Test C - Cone Penetration Test		REMARKS : 1. Driller's descriptions; 2. No groundwater encountered.	
LOGGED BY CH		CHECKED BY SMB		APPROVED BY 					
FIG		SCALE 1:50		Sheet 1 of 1					

PROJECT Pontefract Road, Cudworth					BOREHOLE No. WS3		
CLIENT Barratt Sheffield					DATE 12/05/2007		
METHOD Dart					PROJECT No. S7/028		
EASTING -				NORTHING -		GROUND LEVEL (mAOD) -	

GROUNDWATER		DEPTH (m)	DESCRIPTION	LEGEND	LEVEL (mAOD)	SAMPLES & TESTS		
STRIKE	WELL					DEPTH (m)	TYPE	SPT 'N'
		0.14	TARMAC.	XXXXXX				
		0.25	MADE GROUND (Hardcore).	XXXXXX				
			Brown clayey gravelly SAND with occasional shale and coal fragments. Gravel recovered as moderately weak subangular weathered sandstone.	●●●●●	● 0.50	D 001		
		(2.45)						S N=37 (6,7,9,9,10,9)
								S N=7 (2,1,2,2,1,2)
		2.70	Weak brown thinly bedded angular fragments/cobbles of sandy weathered SANDSTONE.					S 50/75mm - Abandoned
		2.74	End of Window Sample at 2.74 m					

KEY : Sample Type : T - Plastic Tub (disturbed) J - Amber Glass Jar V - Glass Vial W - Water D - Disturbed			Groundwater : S - Water Strike W - Water Level			In-situ Tests : S - Standard Penetration Test C - Cone Penetration Test			REMARKS : 1. Driller's descriptions; 2. No groundwater encountered.		
LOGGED BY CH		CHECKED BY SMB		APPROVED BY 		abatech consulting engineers					
FIG		SCALE 1:50		Sheet 1 of 1							

PROJECT Pontefract Road, Cudworth					BOREHOLE No. WS4		
CLIENT Barratt Sheffield					DATE 12/05/2007		
METHOD Dart					PROJECT No. S7/028		
EASTING -			NORTHING -		GROUND LEVEL (mAOD) -		

GROUNDWATER		DEPTH (m)	DESCRIPTION	LEGEND	LEVEL (mAOD)	SAMPLES & TESTS		
STRIKE	WELL					DEPTH (m)	TYPE	SPT 'N
		0.11	TARMAC.					
		0.20	MADE GROUND comprising brick, stone and hardcore.			● 0.20	D 001	
		(0.70)	MADE GROUND comprising firm brown sandy clay with occasional brick and coal fragments.					
		0.90	Brown clayey gravelly SAND. Gravel recovered as moderately weak subangular weathered sandstone.			● 0.90	D 002	
		1.10	Weak brown thinly bedded angular fragments/cobbles of sandy weathered SANDSTONE.					
		(0.90)						
		2.00	End of Window Sample at 2.00 m					

KEY : Sample Type : T - Plastic Tub (disturbed) J - Amber Glass Jar V - Glass Vial W - Water D - Disturbed			Groundwater : - Water Strike - Water Level		In-situ Tests : S - Standard Penetration Test C - Cone Penetration Test		REMARKS : 1. Driller's descriptions; 2. No groundwater encountered.
LOGGED BY CH	CHECKED BY SMB	APPROVED BY 					
FIG	SCALE 1:50	Sheet 1 of 1					

PROJECT Pontefract Road, Cudworth					BOREHOLE No. WS5		
CLIENT Barratt Sheffield					DATE 12/05/2007		
METHOD Dart					PROJECT No. S7/028		
EASTING -			NORTHING -		GROUND LEVEL (mAOD) -		

GROUNDWATER		DEPTH (m)	DESCRIPTION	LEGEND	LEVEL (mAOD)	SAMPLES & TESTS		
STRIKE	WELL					DEPTH (m)	TYPE	SPT 'N'
		0.15	TARMAC.	X				
		0.40	MADE GROUND (Hardcore).	X				
		0.70	Brown clayey gravelly SAND. Gravel recovered as moderately weak subangular weathered sandstone.	X	● 0.40	D 001		
		0.70	Weak brown thinly bedded angular fragments/cobbles of sandy weathered SANDSTONE.	X	● 0.70	D 002		
		(0.85)						S N=67 (10,11,21,19,15,12)
		1.55	End of Window Sample at 1.55 m					

KEY : Sample Type : T - Plastic Tub (disturbed) J - Amber Glass Jar V - Glass Vial W - Water D - Disturbed			Groundwater : ☐ - Water Strike ▼ - Water Level		In-situ Tests : S - Standard Penetration Test C - Cone Penetration Test		REMARKS : 1. Driller's descriptions; 2. No groundwater encountered.
LOGGED BY CH	CHECKED BY SMB	APPROVED BY 					
FIG	SCALE 1:50	Sheet 1 of 1					