

 Drilling Log										Rig Crew (initials)		CS		MGN				Borehole Reference		CP02															
										Geotron UK Ltd. Unit E201B, Warmco Industry Park, Manchester Road, Mossley, OL5 9AY Tel: 01457 833910, Email: info@geotronuk.co.uk, www.geotronuk.co.uk								Sheet 1 of 6		Weather Sunny															
Job Ref		J2893		Site Location		South Pilsworth		Client		WARDELL ARMSTRONG		Day		Monday		Date		26/02/2024		Borehole Diameter(s)															
Depth (mbgl)		Strata Description						Test Type		From (m)		To (m)		SPT				N Value		U100/ Piston blows		Recovery %		Casing Depth (m)		Water Level (m)		Liner size		250 mm					
GL-0.12		Sludge / topsoil.						B1		GL		1.00																		Installation Details					
0.12-0.40		Bricks and concrete						SPT2		1.20		1.50		10		15/30		30		20/30				50				30		1.00					
0.40-4.20		Light brown/orange sand						B3		1.50		2.00																							
4.20-8.00		Dense blowing sands with sr						SPT4		2.00		2.45		9		8		10		8		8		34				100		2.00					
								B5		2.45		3.00																							
								SPT6		3.00		3.45		4		5		6		8		5		25				100		3.00					
								B7		3.45		4.00																							
								SPT8		4.00		4.45		6		4		6		6		6		24				75		4.00					
								B9		4.45		5.00																							
								SPT10		5.00		4.45		5		7		6		7		7		10		30				80		5.00			
								B11		5.50		6.00																							
								SPT12		6.50		6.95		6		6		8		6		7		8		39				100		6.00			
BH cont.		Y		Casing (depth m) 7.00				BH Complete (depth m)																											
Remarks (Standing time, dayworks, delays, visitors etc.)								Dayworks/ Standing		Chiselling/Slow Drilling				Water Strikes																					
										From (m) to (m)				Time (mins)		Time		Depth (m)		Rate of Rise		Rising to (m) after (mins)				Total (m)									
Rig Set Up								Y		N		Time taken over 1 hour (dayworks)										5				10		15		20					
Service Pit								Y		N		Time taken over 1 hour (dayworks)																							
Casing Reduced from										to		at		metres Time taken (dayworks)																					
From		To		Description																															
06:30		07:00		Waiting for day light																															
07:00		08:00		Rig Set Up																															
08:00		08:30		Daily rig checks																															
08:30		10:00		Pumping water out of work area																															
10:00		11:45		Hand dig service pit (stopping to clear water)																															

Rig Crew
(initials)

CS

RF

Borehole Reference

CP02

Geotron UK Ltd. Unit E201B, Warmco Industry Park, Manchester Road, Mossley, OL5 9AY
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Sheet 2 of 6

Weather
Cold

PD0140-1-11/01/21

 Drilling Log										Rig Crew (initials)		CS		JBB				Borehole Reference		CP02																	
										Geotron UK Ltd. Unit E201B, Warmco Industry Park, Manchester Road, Mossley, OL5 9AY Tel: 01457 833910, Email: info@geotronuk.co.uk, www.geotronuk.co.uk								Sheet 3 of 6		Weather VERY COLD VERY WET																	
Job Ref		J2893		Site Location		South Pilsworth				Client		WARDELL ARMSTRONG		Day		FRIDAY		Date		01/03/2024		Borehole Diameter(s)															
Depth (mbgl)		Strata Description								Test Type		From (m)		To (m)		SPT						N Value		U100/ Piston blows		Recovery %		Casing Depth (m)		Water Level (m)		Liner size		250mm, 200mm			
9.50		Water level Start of day.								B23		14.50		15.00																				Installation Details			
12.00-14.50		Redrilling								SPT24		15.50		15.95		10		9		10		15		14		10		49		50		15.00					
14.50-15.00		Large gravels and sands								B25		16.00		16.50																							
15.00-17.00		Stiff/very stiff brown clay								CPT26		17.00		17.45		9		8		6		10		10		12		38				17.00					
17.00-17.10		Dense blowing green/brown sands								D27		17.00		17.45																							
14.00-17.50		Redrilling																																			

 Drilling Log										Rig Crew (initials)		CS		RS				Borehole Reference		CP02															
										Geotron UK Ltd. Unit E201B, Warmco Industry Park, Manchester Road, Mossley, OL5 9AY Tel: 01457 833910, Email: info@geotronuk.co.uk, www.geotronuk.co.uk								Sheet 4 of 6		Weather SUNNY															
Job Ref		J2893		Site Location		South Pilsworth				Client		WARDELL ARMSTRONG		Day		MONDAY		Date		04 Feb 2024		Borehole Diameter(s)													
Depth (mbgl)		Strata Description								Test Type		From (m)		To (m)		SPT						N Value		U100/ Piston blows		Recovery %		Casing Depth (m)		Water Level (m)		Liner size		200mm	
13.00-17.50		Redrilling								B28		17.50		18.00																				Installation Details	
17.50-20.50		Dense Gray/brown sands								SPT29		18.50		1895		8		9		11		11		13		13		48							
20.50-21.50		Very dense sands with minimal firm clay								B30		19.00		19.50																					
21.50-22.00		Very dense sands								SPT31		20.00		20.45		9		8		8		10		15		14		47		NONE		20.00			
22.00-24.00		Firm silty clay/sand								D32		20.00		20.30																					
24.00-26.00		Very stiff boulder clay								B33		20.50		21.00																					
										SPT34		21.50		21.		6		9		20		20		10/15				50		40		21.50			
										B35		21.65		22.30																					
										SPT36		23.00		23.15		9		12		21		29/5						50							
										B37		23.20		24.00																					
										SPT38		24.50				9		8		13		15		15		7/30									
										B39		25.00		26.00																					

 Drilling Log					Rig Crew (initials)		CS		JBB				Borehole Reference		CP02																						
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Job Ref		J2893		Site Location		South Pilsworth		Client		WARDELL ARMSTRONG		Day		Tuesday		Date		05 FEB 2024		Borehole Diameter(s)																	
Depth (mbgl)		Strata Description						Test Type		From (m)		To (m)		SPT						N Value		U100/ Piston blows		Recovery %		Casing Depth (m)		Water Level (m)		Liner size		200mm					
26.00-27.50		Very stiff boulder clay Very hard obstruction						SPT40		26.00				10		13		12		13		20		16		49						Installation Details					
27.50								B41		26.15		27.00																									
								SPT42		27.50		27.50		25		50										50				NONE							
								SPT43		27.50		27.50		25		50										50				NONE							
BH cont.		Y		Casing (depth m)		25.00		BH Complete (depth m) :		27.50																											
Remarks (Standing time, dayworks, delays, visitors etc.)								Dayworks/ Standing		Chiselling/Slow Drilling				Water Strikes																							
										From (m) to (m)				Time (mins)		Time		Depth (m)		Rate of Rise		Rising to (m) after (mins)				Total (m)											
Rig Set Up																						5				10		15		20							
Service Pit																																					
Casing Reduced from										to				at		metres		Time taken (dayworks)																			
From		To		Description																																	
08:00		08:30		Daily rig Check																																	
10:30		10:45		Rope repair																																	
13:45		15:15		Trying to get hold of client.																																	
15:15		15:20		Phone call with client.																																	
15:20		15:22		Waiting for install details																																	

 Drilling Log										Rig Crew (initials)		CS		JBB		Borehole Reference		CP02																	
Geotron UK Ltd. Unit E201B, Warmco Industry Park, Manchester Road, Mossley, OL5 9AY Tel: 01457 833910, Email: info@geotronuk.co.uk, www.geotronuk.co.uk										Sheet 6 of 6		Weather																							
Job Ref		J2893		Site Location		South Pilsworth				Client		WARDELL ARMSTRONG		Day		Thursday		Date		07 March 2024		Borehole Diameter(s)													
Depth (mbgl)		Strata Description								Test Type		From (m)		To (m)		SPT						N Value		U100/ Piston blows		Recovery %		Casing Depth (m)		Water Level (m)		Liner size		250mm,200mm	
17.00 - 9.80		Gravel fill (void at 14.00 to 10.90)																																Installation Details	
9.80 – 0.30		Bentonite																																	
0.30 - 0.20		Hard core / stone																																	
0.20 - GL		Concrete around cover																																	
BH cont.		N		Casing (depth m)				BH Complete (depth m)																											
Remarks (Standing time, dayworks, delays, visitors etc.)										Dayworks/ Standing		Chiselling/Slow Drilling				Water Strikes																			
												From (m) to (m)				Time (mins)		Time		Depth (m)		Rate of Rise		Rising to (m) after (mins)				Total (m)							
Rig Set Up																								5				10		15		20			
Service Pit																																			
Casing Reduced from												to				at		metres		Time taken (dayworks)															
From		To		Description																															