



Contract: Mr I Sowerby, Shelley		Client: Ashton Bennett Limited		Borehole: BH1	
Contract Ref: 766015		Start: 28.01.25	Ground Level: ---	National Grid Co-ordinate: E:19966.0 N:10868.0	Sheet: 1 of 2
		End: 29.01.25			

Depth (m)	Samples & Testing		Mechanical Log		Backfill & Instrumentation	Water	Description of Strata	Depth (m) (Thickness)	Legend
	No	Type	Results	TCR SCR RQD (%)					
0.00-0.50							Loose brown grey sandy TOPSOIL.	(0.50)	
0.50-2.50							Loose to medium dense yellow brown sandstone gravel and cobbles in fine sand matrix.	0.50	
2.50-4.00							Strong thinly laminated to thickly laminated light grey locally orangeish brown coarse grained SANDSTONE with rare micaceous laminations. (LOWER PENNINE COAL MEASURES FORMATION) Discontinuities set 1: 0-10 degrees very closely to medium spaced planar smooth clean, locally infilled with brown clay. 2.50-3.15m : AZCL 3.30-3.45m : Non intact (potentially due to SPT at 2.50m)	2.50	
3.84-3.92	1	C							
4.00-5.50							4.00-4.80m : AZCL		
5.24-5.32	2	C							
5.42-5.50	3	C							
5.50-7.00	4	C							
5.61-5.73	5	C							
5.73-5.88	5	C							
5.88-5.99	6	C							
6.17-6.27	7	C							
6.27-6.37	8	C							
6.42-6.52	9	C							
6.52-6.64	10	C							
7.00-8.50							Very strong thinly laminated to thickly laminated light grey locally orangeish brown medium grained SANDSTONE with rare micaceous laminations (LOWER PENNINE COAL MEASURES FORMATION) Discontinuities set 1: 0-10 degrees very closely to medium spaced planar smooth clean, locally infilled with brown clay. 4.92m : 0-10 degrees undulating rough orange surface staining infilled with brown clay 5.01-5.18m : 75 degrees undulating rough orange and black surface staining clean. 5.30-5.39m : Strong thinly interlaminated light grey and orangeish brown medium grained SANDSTONE with frequent micaceous laminations.	4.78	
7.43-7.74	11	C							
8.01-8.27	12	C							
8.50-10.00							Extremely strong thinly laminated to thickly laminated light grey locally orangeish brown medium grained SANDSTONE with rare micaceous laminations (LOWER PENNINE COAL MEASURES FORMATION) Discontinuities set 1: 0-10 degrees very closely to medium spaced planar smooth clean, locally infilled with brown clay. 5.50-5.61m : AZCL 6.07-6.10m : Non intact 6.12-6.17m : Non intact 6.64-6.87m : Medium strong thinly interlaminated light grey and orangeish brown medium grained SANDSTONE with frequent micaceous laminations. 6.87-7.00m : Non intact 7.00-7.10m : AZCL 7.10-7.16m : Non intact 7.11-7.29m : Medium strong thinly interlaminated light grey and orangeish brown medium grained SANDSTONE with frequent micaceous laminations. 7.25-7.43m : Non intact 7.96-8.01m : Non intact	4.78	
							8.50-8.65m : AZCL	(6.17)	

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Boring Progress and Water Observations						General Remarks
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)	
29/01/25	17:00	11.50	4.00	139	Dry	1. Service pit to 0.80m bgl. 2. Window sampling to 2.50m bgl. 3. Monitoring pipe installed GL to 7m bgl, 1m plain and 6m slotted.
All dimensions in metres						
Method Used:	Inspection pit + Rotary Cored		Plant Used:	Comacchio GEO 305		Drilled By: Geotron UK Ltd
						Logged By: KWood
						Checked By: MCharlottes





BOREHOLE LOG

Contract: Mr I Sowerby, Shelley		Client: Ashton Bennett Limited		Borehole: BH1	
Contract Ref: 766015		Start: 28.01.25	Ground Level: ---	National Grid Co-ordinate: E:19966.0 N:10868.0	Sheet: 2 of 2
		End: 29.01.25			

Depth (m)	Samples & Testing		Mechanical Log		Backfill & Instrumentation	Water	Description of Strata	Depth (m) (Thickness)	Legend
	No	Type	Results	TCR SCR RQD (%)					
10.00-11.50				90 87 81	NI 90 220		Extremely strong thinly laminated to thickly laminated light grey locally orangeish brown medium grained SANDSTONE with rare micaceous laminations (LOWER PENNINE COAL MEASURES FORMATION) Discontinuities set 1: 0-10 degrees very closely to medium spaced planar smooth clean, locally infilled with brown clay. (stratum copied from 5.33m from previous sheet) 9.07-9.10m : Non intact 10.00-10.44m : AZCL 11.00-11.50m : Becomes more orange 11.06-11.30m : Non intact		
				71 55 8			Borehole terminated at 11.50m	11.50	

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Boring Progress and Water Observations						General Remarks
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)	
All dimensions in metres						Scale: 1:50
Method Used: Inspection pit + Rotary Cored	Plant Used: Comacchio GEO 305		Drilled By: Geotron UK Ltd		Logged By: KWood	Checked By: MCharlottes





BH1 – 2.50 – 5.50



BH1 – 5.50 – 8.50



BH1 - 8.50 - 11.50



BOREHOLE LOG

Contract: Mr I Sowerby, Shelley		Client: Ashton Bennett Limited		Borehole: BH2	
Contract Ref: 766015		Start: 29.01.25	Ground Level: ---	National Grid Co-ordinate: E:19973.0 N:10871.0	Sheet: 1 of 2
		End: 30.01.25			

Depth (m)	Samples & Testing		Mechanical Log		Backfill	Water	Description of Strata	Depth (m) (Thickness)	Legend
	No	Type	Results	TCR SCR RQD (%)					
							Loose brown grey sandy TOPSOIL	(0.50)	
							Loose to medium dense yellow brown sandstone gravel and cobbles in fine sand matrix.	0.50	
3.00-4.50				100 13 0	NI NI 450		Medium strong thinly laminated to thickly laminated light grey locally orangeish brown coarse grained SANDSTONE with rare micaceous laminations. (LOWER PENNINE COAL MEASURES FORMATION) Discontinuities set 1: 0-10 degrees very closely to medium spaced planar rough with orange surface staining clean locally infilled with brown clay. 3.00-3.33m : Non intact 3.40-3.74m : Non intact 3.40-4.50m : Discontinuities set 2: 75-80 degrees close to medium spaced undulating rough with orange surface staining clean. 3.79-3.82m : Non intact 3.89-4.50m : Non intact 4.15-4.38m : Black staining with no odour. 4.50-4.91m : Non intact 4.68-4.91m : Recovered as extremely weak orangeish brown sandy angular to subangular fine to coarse GRAVEL of sandstone. Sand is fine to coarse (RESIDUAL SOIL).	3.00	
4.50-6.00				100 45 37	NI NI 0 40		5.03m : 25 degrees planar rough with orange surface staining clean	(3.67)	
4.91-5.03	1	C							
5.04-5.31	2	C							
6.00-7.50				100 53 35	NI NI 110 420		5.50-6.00m : 75-85 degrees close to medium spaced undulating rough with orange surface staining clean. 5.58-6.00m : Non intact		
6.07-6.17	3	C					6.00-6.02m : Non intact		
6.34-6.44	4	C					6.47-6.74m : Non intact 6.47-7.57m : Discontinuities set 3: 70-85 degrees closely spaced undulating rough with orange surface staining clean locally infilled with grey.	6.67	
7.50-9.00							Strong locally extremely weak thinly to thickly laminated orange, brown and black medium grained SANDSTONE with frequent micaceous laminations and concentric staining. (LOWER PENNINE COAL MEASURES FORMATION) Discontinuities set 1: 0-10 degrees very closely to medium spaced planar rough with orange surface staining clean locally infilled with brown clay. 7.09-7.50m : Non intact 7.50-7.58m : Non intact 7.79-7.90m : Non intact	(1.23)	
7.58-7.68	5	C						7.90	
7.90-7.98	6	C							
8.04-8.13	7	C							
8.24-8.35	8	C		100 84 48			Description on next sheet		
							8.68-8.73m : Non intact		

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Boring Progress and Water Observations						General Remarks
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)	
30/01/25	17:00	10.50	4.50	139	Dry	1. Service pit to 0.80m bgl. 2. Window sampling to 2.50m bgl.
All dimensions in metres						Scale: 1:50
Method Used:	Inspection pit + Rotary Cored		Plant Used:	Comacchio GEO 305		Drilled By: Geotron UK Ltd
						Logged By: KWood
						Checked By: MCharlottes



BOREHOLE LOG

Contract: Mr I Sowerby, Shelley		Client: Ashton Bennett Limited		Borehole: BH2	
Contract Ref: 766015		Start: 29.01.25	Ground Level: ---	National Grid Co-ordinate: E:19973.0 N:10871.0	Sheet: 2 of 2
		End: 30.01.25			

Depth (m)	Samples & Testing			Mechanical Log		Backfill	Water	Description of Strata	Depth (m) (Thickness)	Legend
	No	Type	Results	TCR SCR ROD (%)	lf (mm)					
8.91-9.00	9	C						Extremely strong thinly laminated to thickly laminated light grey locally orangeish brown medium grained SANDSTONE with rare micaceous laminations. (LOWER PENNINE COAL MEASURES FORMATION) Discontinuities set 1: 0-10 degrees very closely to medium spaced planar rough with orange surface staining clean locally infilled with brown clay. 7.90-8.91m : Very strong thinly laminated to thickly laminated light grey locally orangeish brown medium grained SANDSTONE with frequent micaceous laminations. (<i>stratum copied from 7.90m from previous sheet</i>) 9.65-9.69m : Non intact 9.69-9.98m : Medium strong thin laminated to thickly laminated light grey locally orangeish brown medium grained SANDSTONE with frequent micaceous laminae 9.83-9.87m : Non intact 9.98-10.12m : Non intact 10.12-10.20m : 85 degrees undulating rough with orange surface staining and grey clay infill 10.20-10.25m : Soft grey slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to medium of mudstone and occasional sandstone (RESIDUAL SOIL). 10.20-10.34m : Non intact Borehole terminated at 10.50m.	(2.60)	
9.00-10.50	10	C								
9.00-9.10										
9.44-9.55	11	C		100 76 55	NI 110 420				10.50	

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Boring Progress and Water Observations						General Remarks
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)	
All dimensions in metres						Scale: 1:50
Method Used: Inspection pit + Rotary Cored	Plant Used: Comacchio GEO 305		Drilled By: Geotron UK Ltd		Logged By: KWood	Checked By: MCharlottes

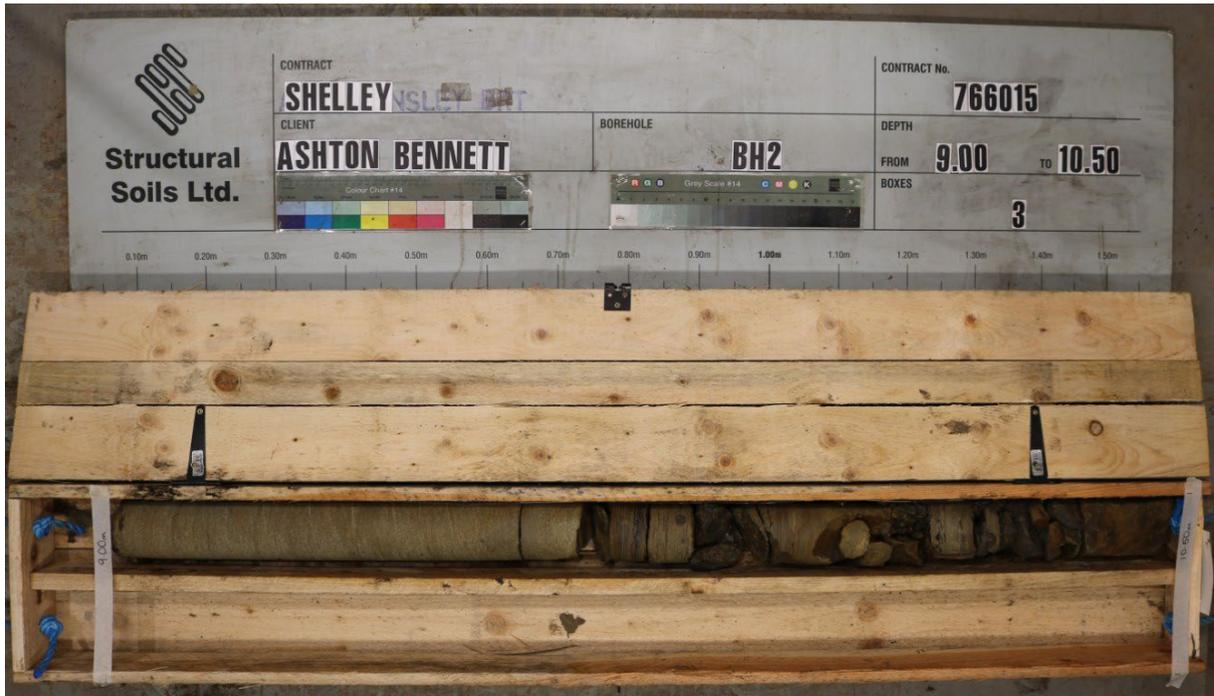




BH2 – 3.00 – 6.00m



BH2 – 6.00 – 9.00m



BH2 – 9.00 – 10.50m