

# BOREHOLE LOG

Scale 1:25

Sheet 1 of 1

[illegible]

# BOREHOLE LOG

Scale 1:25

Sheet 1 of 1

LOCATION ID		Project Name: Trowbridge							Ground Level (m AOD): 61.29						
DS02		Project Number: LDQ2048							Eastings: 388309.98						
		Client: Trowbridge Town Council							Northings: 159743.68						
Hole Type: WS		Rig: Geo 32			Start & End Date: 31/01/2019				Engineer: JA		Checker: AO				
Groundwater			Strata						Samples			In-Situ Tests			
Strike	Strike Details	Well	Level (m AOD) & [Thickness (m)]	Description		Legend	Depth (m bgl)	Type (U/blows)	From (m)	To (m)	Type	Depth (m)	Result	Casing Depth & (Water Level)	
			[0.03] 61.26 [0.09] 61.17 [0.88]	Grass over dark brown slightly sandy clayey GRAVEL with frequent rootlets. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse quartzite, limestone, coal and siltstone. (Made Ground)			0.03 0.12	ES	0.03	0.12					
				Black gravelly fine to coarse SAND with rare rootlets. Gravel is angular to rounded fine and medium coal, brick, quartzite and limestone. (Made Ground)				D	0.50	0.60					
			60.29 [1.20]	Soft to firm reddish brown slightly sandy slightly gravelly CLAY with rare rootlets. Sand is fine to coarse. Gravel is angular to rounded fine and medium brick, coal and limestone. (Made Ground) From 0.40m bgl: No brick gravels.			1.00	ES	1.00	1.10	C	1.00	N=26 (6,5/5,7,7,7)		
				Medium dense light yellowish brown slightly clayey sandy GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse limestone. (Head)				B	1.90	2.10					
			59.09 [1.10]	Stiff fissured light greyish brown mottled bluish grey slightly gravelly CLAY with rare iron nodules and dark brown staining along fissures. Gravel is angular fine and medium limestone. (Cornbrash Formation)			2.20				C	2.00	N=26 (3,6/5,6,7,8)		
				From 3.00m bgl: Very stiff.				D	3.00	3.10	C	3.00	N=31 (4,6/6,8,8,9)		
			57.99 [0.50]	Very stiff fissured bluish grey CLAY with frequent iron nodules. (Forest Marble Formation)			3.30								
			57.49 [0.20]	Very stiff fissured light greyish brown CLAY. (Forest Marble Formation)			3.80								
			57.29	Hole Terminated at 4.00m bgl.			4.00				C	4.00	N=25 (4,5/5,6,6,8)		
									</						

BOREHOLE LOG

LOCATION ID		Project Name: Trowbridge					Ground Level (m AOD): 59.77						
DS03		Project Number: LDQ2048					Eastings: 388326.33						
		Client: Trowbridge Town Council					Northings: 159663.96						
Hole Type: WS		Rig: Geo 32			Start & End Date: 31/01/2019			Engineer: JA		Checker: AO			
Groundwater			Strata					Samples			In-Situ Tests		
Strike	Strike Details	Well	Level (m AOD) & [Thickness (m)]	Description	Legend	Depth (m bgl)	Type (Ublows)	From (m)	To (m)	Type	Depth (m)	Result	Casing Depth & (Water Level)
			[0.40]	Grass over soft reddish brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is angular to subrounded fine to coarse quartzite and limestone. Sand is fine and medium.			ES	0.20	0.30				
			59.37 [1.20]	(Reworked Natural) Medium dense to dense light yellowish brown slightly clayey sandy GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse limestone and quartzite.		0.40	B	0.80	1.00				
										C	1.00	N=30 (4,5/5,5,8,12)	
			58.17 [0.40]	Firm to stiff fissured orangish brown mottled grey slightly gravelly sandy CLAY. Gravel is angular to subrounded fine and medium limestone. Sand is fine.		1.60	ES	1.60	1.70				
				(Cornbrash Formation)			D	1.90	2.00				
			57.77 [1.00]	Stiff light greyish brown slightly sandy CLAY with frequent iron nodules and dark brown staining along fissures.. Sand is fine.		2.00				C	2.00	N=19 (4,3/5,4,5,5)	
				(Forest Marble Formation)									
			56.77 [1.00]	Stiff fissured grey CLAY.		3.00				C	3.00	N=24 (3,4/5,6,6,7)	
				(Forest Marble Formation)									
							D	3.80	3.90				
			55.77	Hole Terminated at 4.00m bgl.		4.00				C	4.00	N=31 (5,5/7,6,8,10)	
Chiselling			Remarks					Legend					
From (m bgl)	To (m bgl)	Time (hh:mm)	Reason for Termination:					Sample Type:		Groundwater:		In-Situ Tests	
			Target depth reached.					B - Bulk		Groundwater Strike		C - Cone Penetration Test	
			Groundwater Remarks:					C - Core		Resting		HSV - Hand Shear Vane Test	
			No groundwater encountered.					D - Disturbed		Groundwater NR = Not Recorded		PID - Photo Ionisation Detection Screen	
Water Added			Other Remarks:					ES - Environmental Sample				S - Standard Penetration Test	
From (m bgl)	To (m bgl)	Volume (l)						U - Undisturbed					
			1. No visual or olfactory evidence of contamination identified. 2. Borehole backfilled with arisings.					BWB Consulting Ltd Waterfront House Station Street Nottingham NG2 3DQ		Web: bwbconsulting.com P: 0115 9241100 E: nottingham@bwbconsulting.com		BWB CONSULTANCY   ENVIRONMENT INFRASTRUCTURE   BUILDINGS	

BOREHOLE LOG

LOCATION ID		Project Name: Trowbridge					Ground Level (m AOD): 59.49						
DS04		Project Number: LDQ2048					Eastings: 388326.49						
		Client: Trowbridge Town Council					Northings: 159624.35						
Hole Type: WS		Rig: Geo 32			Start & End Date: 31/01/2019			Engineer: JA		Checker: AO			
Groundwater			Strata					Samples			In-Situ Tests		
Strike	Strike Details	Well	Level (m AOD) & [Thickness (m)]	Description	Legend	Depth (m bgl)	Type (Ublows)	From (m)	To (m)	Type	Depth (m)	Result	Casing Depth & (Water Level)
			[0.50]	Soft reddish brown slightly sandy slightly gravelly CLAY with frequent rootlets. Sand is fine and medium. Gravel is angular to subrounded fine brick, coal, quartzite and limestone. (Reworked Natural)			ES	0.40	0.50				
			58.99 [1.00]	Medium dense orangish brown slightly clayey sandy GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse limestone. (Head)		0.50							
							D	1.10	1.20	C	1.00	N=27 (5,7/9,8,5,5)	
			57.99 [1.15]	Stiff fissured orangish brown mottled grey slightly sandy slightly gravelly CLAY with rare iron modules and and dark brown staining along fissures. Sand is fine and medium. Gravel is angular to subrounded fine and medium limestone. (Cornbrash Formation)		1.50	D	1.50	1.60				
							B	2.00	2.30	C	2.00	N=17 (2,3/4,4,4,5)	
			56.84 [1.35]	Stiff fissured bluish grey CLAY with frequent dark brown staining along fissures. (Forest Marble Formation)		2.65	ES	2.90	3.00	C	3.00	N=21 (4,3/5,4,6,6)	
			55.49	Hole Terminated at 4.00m bgl.		4.00				C	4.00	N=23 (4,5/4,5,6,8)	
Chiseling			Remarks					Legend					
From (m bgl)	To (m bgl)	Time (hh:mm)	Reason for Termination:					Sample Type:		Groundwater:		In-Situ Tests	
			Target depth reached.					B - Bulk		Groundwater Strike		C - Cone Penetration Test	
			Groundwater Remarks:					C - Core		Resting		HSV - Hand Shear Vane Test	
			No groundwater encountered.					D - Disturbed		Groundwater		PID - Photo Ionisation	
								ES - Environmental Sample		NR = Not Recorded		Detection Screen	
								U - Undisturbed				S - Standard Penetration Test	
Water Added			Other Remarks:					BWB Consulting Ltd		Web:		BWB	
From (m bgl)	To (m bgl)	Volume (l)	1. No visual or olfactory evidence of contamination identified. 2. Borehole installed with 50mm HDPE pipe, gas tap, bung and flush cover.					Waterfront House Station Street Nottingham NG2 3DQ		bwbconsulting.com P: 0115 9241100 E: nottingham@bwbconsulting.com			

BOREHOLE LOG

LOCATION ID		Project Name: Trowbridge					Ground Level (m AOD): 59.09						
DS05		Project Number: LDQ2048					Eastings: 388375.21						
		Client: Trowbridge Town Council					Northings: 159625.42						
Hole Type: WS		Rig: Geo 32			Start & End Date: 31/01/2019			Engineer: JA		Checker: AO			
Groundwater			Strata					Samples			In-Situ Tests		
Strike	Strike Details	Well	Level (m AOD) & [Thickness (m)]	Description	Legend	Depth (m bgl)	Type (Ublows)	From (m)	To (m)	Type	Depth (m)	Result	Casing Depth & (Water Level)
			[0.40]	Soft reddish brown slightly sandy slightly gravelly CLAY with frequent rootlets. Sand is fine and medium. Gravel is angular to subrounded fine brick, coal, quartzite and limestone.			ES	0.20	0.30				
			58.69 [1.20]	(Reworked Natural) Dense orangish brown slightly clayey sandy GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse limestone.		0.40							
							D	0.90	1.00				
							ES	1.10	1.20	C	1.00	N=31 (6,8/7,6,10,8)	
			57.49 [1.40]	Stiff fissured orangish brown mottled grey slightly sandy slightly gravelly CLAY with rare iron modules and organic matter relics. Sand is fine and medium. Gravel is angular to subrounded fine and medium limestone.		1.60							
				(Cornbrash Formation)						C	2.00	N=20 (4,3/5,4,5,6)	
			56.09 [1.00]	Stiff fissured bluish grey CLAY with frequent dark brown staining along fissures.		3.00	D	2.90	3.00				
				(Forest Marble Formation)						C	3.00	N=24 (3,4/5,6,6,7)	
							B	3.60	3.80				
			55.09	Hole Terminated at 4.00m bgl.		4.00				C	4.00	N=21 (3,4/4,4,7,6)	
Chiselling			Remarks					Legend					
From (m bgl)	To (m bgl)	Time (hh:mm)	Reason for Termination:					Sample Type:		Groundwater:		In-Situ Tests	
			Target depth reached.					B - Bulk		Groundwater		C - Cone Penetration Test	
			Groundwater Remarks:					C - Core		Strike		HSV - Hand Shear Vane Test	
			No groundwater encountered.					D - Disturbed		Resting		PID - Photo Ionisation Detection Screen	
								ES - Environmental Sample		Groundwater		S - Standard Penetration Test	
								U - Undisturbed		NR = Not Recorded			
Water Added			Other Remarks:					BWB Consulting Ltd		Web:		BWB CONSULTANCY   ENVIRONMENT INFRASTRUCTURE   BUILDINGS	
From (m bgl)	To (m bgl)	Volume (l)	1. No visual or olfactory evidence of contamination identified. 2. Borehole backfilled with arisings.					Waterfront House Station Street Nottingham NG2 3DQ		bwbconsulting.com P: 0115 9241100 E: nottingham@bwbconsulting.com			

Scale 1:25

Sheet 1 of 1

LOCATION ID			Project Name: Trowbridge						Ground Level (m AOD): 58.77								
DS06			Project Number: LDQ2048						Eastings: 388369.79								
			Client: Trowbridge Town Council						Northings: 159559.80								
Hole Type: WS			Rig: Geo 32			Start & End Date: 31/01/2019			Engineer: JA			Checker: AO					
Groundwater			Strata						Samples			In-Situ Tests					
Strike	Strike Details	Well	Level (m AOD) & [Thickness (m)]	Description			Legend	Depth (m bgl)	Type (U/blows)	From (m)	To (m)	Type	Depth (m)	Result	Casing Depth & (Water Level)		
			[0.60]	Soft reddish brown slightly sandy slightly gravelly CLAY with frequent rootlets. Sand is fine and medium. Gravel is angular to subrounded fine brick, coal, quartzite and limestone. (Reworked Natural)					ES	0.50	0.60						
			58.17 [1.25]	Medium dense orangish brown slightly clayey sandy GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse limestone. (Head)				0.60	B	1.00	1.30	C	1.00	N=16 (5,6/5,4,4,3)			
			56.92 [0.95]	Stiff fissured orangish brown mottled grey slightly sandy slightly gravelly CLAY with rare iron modules and dark brown staining along fissures. Sand is fine and medium. Gravel is angular to subrounded fine and medium limestone. (Cornbrash Formation)				1.85	D	1.50	1.60						
			55.97 [1.20]	Stiff fissured bluish grey CLAY with frequent dark brown staining along fissures. (Forest Marble Formation)				2.80	ES	2.50	2.60		C	2.00	N=19 (2,4/4,4,5,6)		
			54.77	Hole Terminated at 4.00m bgl.				4.00	D	3.50	3.60		C	3.00	N=22 (2,3/4,5,6,7)		
Chiseling			Remarks						Legend								
From (m bgl)	To (m bgl)	Time (hh:mm)	Reason for Termination: Target depth reached.						Sample Type:								
			Groundwater Remarks: No groundwater encountered.						Groundwater:								
Water Added			Other Remarks:						In-Situ Tests								
From (m bgl)	To (m bgl)	Volume (l)	1. No visual or olfactory evidence of contamination identified. 2. Borehole backfilled with arisings.						B - Bulk C - Core D - Disturbed ES - Environmental Sample U - Undisturbed								
									Web: bwbcconsulting.com P: 0115 9241100 E: nottingham@bwbcconsulting.com								

BOREHOLE LOG






LOCATION ID		Project Name: Trowbridge				Ground Level (m AOD): 58.18							
DS07		Project Number: LDQ2048				Eastings: 388382.88							
		Client: Trowbridge Town Council				Northings: 159533.57							
Hole Type: WS		Rig: Dart 346		Start & End Date: 01/03/2019		Engineer: JA		Checker: AO					
Groundwater			Strata			Samples			In-Situ Tests				
Strike	Strike Details	Well	Level (m AOD) & [Thickness (m)]	Description	Legend	Depth (m bgl)	Type (Ublows)	From (m)	To (m)	Type	Depth (m)	Result	Casing Depth & (Water Level)
			[0.40]	Grass over soft dark brown slightly gravelly slightly sandy CLAY with abundant rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine and medium coal and quartzite.									
			57.78 [0.30]	(Reworked Natural)		0.40	ES	0.30	0.40				
			57.48 [0.90]	Firm to stiff yellowish brown gravelly CLAY. Gravel is angular to subrounded fine to coarse coal and limestone. (Head)		0.70	B	0.70	1.00				
				Dense yellowish brown mottled orange slightly clayey sandy GRAVEL. Sand is fine to coarse. Gravel is angular and subangular fine to coarse limestone. (Head)						C	1.00	N=40 (4,6/7,10,13,10)	
			56.58 [0.10]	Orangish brown clayey fine to coarse SAND. (Cornbrash Formation)		1.60	D	1.60	1.70				
			56.48 [2.30]	Firm friable greyish brown mottled orange, bluish grey and yellow CLAY with rare iron nodules. (Forest Marble Formation)		1.70	ES	1.90	2.00				
										C	2.00	N=18 (2,2/4,4,5,5)	
				From 2.60m to 3.50m bgl: Grey, fissured and occasional dark brown staining along fissures.									
				From 3.00m bgl: Very stiff.						C	3.00	N=37 (4,7/7,9,10,11)	
				From 3.50m bgl: Fissured, bluish grey and rare dark brown staining along fissures.			D	3.50	3.60				
			54.18	Hole Terminated at 4.00m bgl.		4.00				C	4.00	N=31 (6,6/6,8,8,9)	
Chiseling		Remarks				Legend							
From (m bgl)	To (m bgl)	Time (hh:mm)	Reason for Termination:				Sample Type:		Groundwater:		In-Situ Tests		
			Target depth reached.				B - Bulk		Groundwater Strike		C - Cone Penetration Test		
			Groundwater Remarks:				C - Core		Resting		HSV - Hand Shear Vane Test		
			Groundwater was encountered at 1.00m bgl rising to 0.65m bgl after an hour.				D - Disturbed		Groundwater NR = Not Recorded		PID - Photo Ionisation Detection Screen		
			Other Remarks:				ES - Environmental Sample				S - Standard Penetration Test		
							U - Undisturbed						
Water Added						BWB Consulting Ltd		Web:		BWB			
From (m bgl)	To (m bgl)	Volume (l)					Waterfront House		bwbconsulting.com				
							Station Street		P: 0115 9241100				
							Nottingham		E: nottingham				
							NG2 3DQ		@bwbconsulting.com				



# BOREHOLE LOG

Scale 1:25

Sheet 1 of 1

LOCATION ID			Project Name: Trowbridge						Ground Level (m AOD): 57.45								
DS08			Project Number: LDQ2048						Eastings: 388437.51								
			Client: Trowbridge Town Council						Northings: 159526.40								
Hole Type: WS			Rig: Dart 346			Start & End Date: 01/03/2019			Engineer: JA			Checker: AO					
Groundwater			Strata						Samples			In-Situ Tests					
Strike	Strike Details	Well	Level (m AOD) & (Thickness (m))	Description		Legend	Depth (m bgl)	Type (Ublows)	From (m)	To (m)	Type	Depth (m)	Result	Casing Depth & (Water Level)			
	0.08m bgl after 20mins		[0.40]	Grass over soft dark brown slightly gravelly slightly sandy CLAY with abundant rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine and medium coal and quartzite. (Reworked Natural)													
	0.3m bgl		57.05 [0.10] 56.95 [1.00]	Firm to stiff yellowish brown slightly sandy gravelly CLAY. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse coal and limestone. (Head) Loose yellowish brown mottled orange slightly clayey sandy GRAVEL. Sand is fine to coarse. Gravel is angular and subangular fine to coarse limestone. (Head)			0.40 0.50	ES	0.50	0.60							
								B	1.00	1.50	C	1.00	N=9 (2,2/1,2,3,3)				
			55.95 [0.40]	Firm fissured greyish brown mottled orange and yellow CLAY. (Cornbrash Formation)		1.50											
			55.55 [2.10]	Stiff fissured greyish brown mottled orange and bluish grey CLAY with rare dark brown staining along fissures. (Forest Marble Formation)		1.90	D	1.90	2.00		C	2.00	N=15 (3,2/3,3,4,5)				
				<u>From 2.60m to 3.70m bgl: Brownish grey.</u>													
				<u>From 2.00m bgl: Very stiff.</u>							C	3.00	N=32 (4,5/7,7,9,9)				
				<u>From 3.70m to 3.80m bgl: Bluish grey with occasional dark brown staining along fissures.</u> <u>From 3.80m bgl: Grey and fissured.</u>				D	3.90	4.00							
			53.45	Hole Terminated at 4.00m bgl.			4.00		C	4.00		4.00	N=48 (5,7/8,12,13,15)				