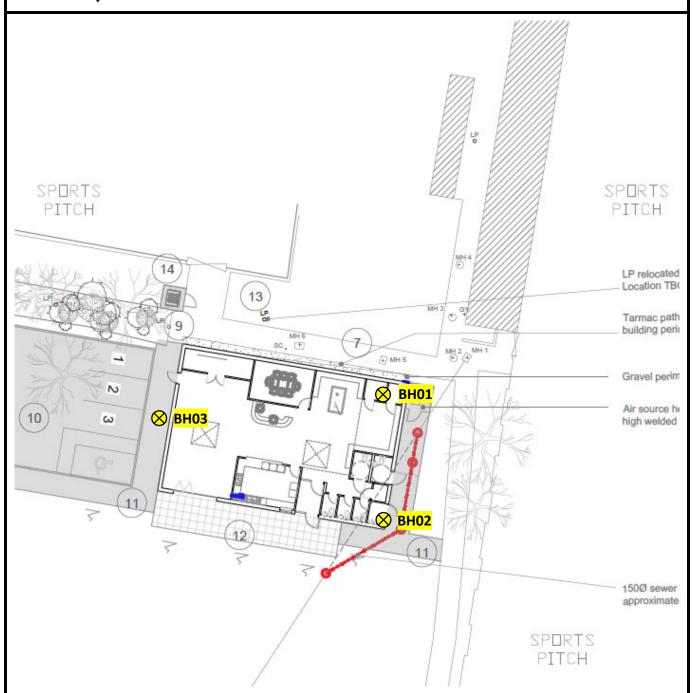


Tectonic House
Unit 11, Queens Court North
Third Avenue, Team Valley Trading Estate
Gateshead, Tyne and Wear
NE11 0BU

Tel: 0191 477 2020

Email: enquiries@geolconsultants.co.uk



BOKEHO

BOREHOLE LOCATION PLAN

Report Type: Phase II Ground Investigation Report

Site Address: Outreach Community Hub, Station Road, Shotton Colliery, Co. Durham, DH6 2JL

Project No.: GEOL23-7823



	0191	and Wea 477 2020 ries@geo)	1 0BU ıltants.co.uk		BC	PREHOLE LOG				
Project	BOREH	No									
Outreach (Commu	ınity H	ub, S	Station Re	oad, Sh	otton Co	lliery, County Durham, DH6 2JL	DL	104		
Job No GEOL2	23_7823			17-05-23 17-05-23		Ground L	evel (m) Co-Ordinates ()	BH01			
Contractor	23 7023	<u> </u>		17 03 23			I	Sheet			
GEO	DL Con	sultant	ts Liı	nited				1 c	of 1		
SAMPLES & TESTS							STRATA				
Depth	Type No	Test Resul		Reduced Level	Legend	Depth (Thick- ness)	DESCRIPTION		Geology	Instrument/ Backfill	
0.20-0.40	ES					(0.40)	Dark brown slightly gravelly sand with fragments of brick a sandstone (MADE GROUND). Stiff (high strength) light brown and grey mottled slightly sands.				
						1 1 1	Stiff (high strength) light brown and grey mottled slightly slightly gravelly CLAY with occasional cobbles (DEVENS	IAN TILL).			

0.80-1.00 В 0.90 HSVT 83kN/m² 1.00-1.45 SPT N=14(1.60)1.80-2.00 В 1.90 HSVT 104kN/m 2.00 Stiff (high strength) dark brown and grey mottled slightly sandy slightly gravelly CLAY with occasional cobbles (DEVENSIAN TILL). 2.00-2.45 SPT N = 36(1.45)2.80-3.00 В 2.90 HSVT 118kN/m 3.00-3.45 SPT N=29 Borehole terminated at 3.45m. 18/5/23 GEOL WS LOG BH LOGS.GPJ GINT STD AGS 3_1.GDT Windowless Sampling Drilling Progress **GENERAL** REMARKS Diameter Recovery Depth Casing Remarks WATER: Dry ADDITIONAL: All positions are CAT scanned prior to breaking ground Logged By Client D3 Associates

Method/ Plant Used All dimensions in metres Scale 1:23.4375 WH Competitor Dart Rig



GEOL WS

BOREHOLE LOG

Project	·										BOREH	OLE	No
Outreach	Comm	unity Hul	b, St	ation F	Road, Sh	otton Co	lliery,	County D	urham, DH6	2JL			
Job No		Date	e 1,	7-05-23	2	Ground L	evel (m)	Co	-Ordinates ()		BF	102	
GEOL	L23-782	3	1'	7-05-2. 7-05-2.	3								
Contractor	•				I			l .			Sheet		
GE	OL Con	sultants	Lim	ited							1 0	of 1	
SAMPL	ES & T	ESTS			STRATA						<u> </u>		nt/
		Test	er	Reduce	d	Depth						Geology	um efill
Depth	Type No	Result	Water	Level	Legend	(Thick- ness)			DESCR	IPTION		Geo	Instrument/
							Dark b	rown slight	y gravelly sand	with fragments of b	rick and		
						(0.40)	sandsto	one (MADE	GROUND).				
0.20-0.30	ES												
-						0.40	Stiff (1	igh strength) medium brow	n and light brown sa	indy slightly		
-						-	gravell	y CLAY wi	th occasional co	obbles (DEVENSIA)	N TILL).		
					-	†							
0.80-1.00	В	701 N/ 2			•	-							
$\begin{bmatrix} 0.90 \\ 1.00 - 1.45 \end{bmatrix}$	SPT	78kN/m ² N=15				1							
1.00-1.43	SFI	N-13			-	}							
-					<u> </u>	-							
-						<u> </u>							
						[
]							
-						-							
1.80-2.00	В					+							
1.90		90kN/m ²			· ·	(3.05)							
2.00-2.45	SPT	N=33											
					-0	1							
						[
-					<u>-</u>								
-													
-					<u> </u>	-							
-						<u> </u>							
2.80-3.00	В					1							
2.90	HSVT				-								
3.00-3.45	SPT	N=30				_							
-					<u> </u>	+							
-						1							
-					-	3.45	D 1	1	1 + 2 45				
							Boreno	ole terminate	ed at 3.45m.				
[
! L	Windo	vileec Se	mn	ling Di	rilling D	rograce					CENE	DAI	
Windowless Sampling Drilling Depth Casing Diameter Recovery					Remarks					GENE REMA			
Бери	Casing	Diametel	eter Re	Jovery		remarks					WATER: Dry		
											ADDITIONAL	: All	,
											positions are C prior to breaking	A F sca	inned ind
												J J	
All dimen	sions in n	netres C	lient	D3 /	Associat	es		/Iethod/			Logged By		
	1:23.437		Plant Used Competitor Dart Rig W							Н			



BOREHOLE LOG

SAMPLES & TESTS Depth Type Result Fest Result (Thickness) 0.10-0.30 ES Reduced Legend (Thickness) Dark brown slightly gravelly sand with fragments of brick an sandstone. Occasional rootlets noted (MADE GROUND). Stiff (high strength) light brown orange and grey mottled slightly gravelly CLAY (DEVENSIAN TILL). 0.80-1.00 B											BOREHOLE No			
Job No		Da					•				BH	103		
	23-7823	3	1	7-05-23	3						Sheet		_	
	OL Con	sultants	Lin	nited								of 1		
				ntea				S	TRATA					
		Test	ater	Reduce	d Legend							Geology	Instrument/	
	INO	Result	≱	Level	XXXX	ness)	Dark brox	am alial		mants of bri	ak and	<u> </u>	<u></u>	
0.10-0.30	ES					(0.30)	sandstone	e. Occas	ional rootlets noted (MAD	DE GROUNE)).		A STATE	
							Stiff (high	h streng	th) light brown orange and	l grey mottled	d slightly sandy			
						·} ·}	singinity gi	iaveny		<i></i>).				
						(0.95)								
0.80-1.00 0.90	B HSVT	88kN/m²	2		-0									
1.00-1.45	SPT	N=12				<u>+</u>								
					-0	1.25								
					-0	1	Firm (med	dium st	rength) becoming stiff (hig LAY with occasional cobb	h strength) d	ark brown		TV.	
						1	Salidy gra	ivelly C	LAT WITH OCCASIONAL COOL	nes (DE VEN	SIAN HLL).			
					-0	-							\$ C	
1 00 2 00						1							X.	
1.80-2.00 1.90	B HSVT	68kN/m²	2			}							(<u>)</u>	
2.00-2.45	SPT	N=28			-									
						+								
					0	<u> </u>								
						-							Q.	
					0	-								
2.80-3.00	В		1			(3.20)							8	
2.90		100kN/m	▼		<u> </u>	(3.20)								
3.00-3.45	SPT	N=22]							X	
					<u></u>	<u>.</u>							8	
						:[
						‡								
						:							8	
_					0	<u> </u>								
4.00-4.45	SPT	N=27			- 0	<u>-</u>							8	
					<u> </u>	1								
						4.45							8	
						-	Borehole	termina	ted at 4.45m.				Ī	
	Windo	wless S	amn	ling Dr	illing F	rogress		Τ			CENE	DAI	<u>_</u>	
	Casing	Diameter	− -		ming i	Remarks					GENE REMA			
											WATER: Ingre noted at 2.90m ADDITIONAL positions are C. prior to breakin	.: All AT sca	an	
All dimara	ions in	netres (Client	- D3 /	\ ecorio	tes	Mes	thod/			Logged By		=	
All dimensions in metres Scale 1:29.6875 Client D3 Associates								nt Used	Competitor Dart R	ig	WH			