



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



Geol Consultants Limited
Tectonic House, Unit 11
Queens Court North, Third Avenue
Team Valley Trading Estate
Gateshead
Tyne and Wear, NE11 0BU
0191 477 2020
enquiries@geolconsultants.co.uk

BOREHOLE LOG

Project Outreach Community Hub, Station Road, Shotton Colliery, County Durham, DH6 2JL				BOREHOLE No BH01	
Job No GEOL23-7823	Date 17-05-23 17-05-23	Ground Level (m)	Co-Ordinates ()		
Contractor GEOL Consultants Limited				Sheet 1 of 1	

SAMPLES & TESTS			STRATA					Geology	Instrument/ Backfill
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
0.20-0.40	ES					(0.40) 0.40	Dark brown slightly gravelly sand with fragments of brick and sandstone (MADE GROUND).		
0.80-1.00 0.90 1.00-1.45	B HSVT SPT	83kN/m ² N=14				(1.60) 2.00	Stiff (high strength) light brown and grey mottled slightly sandy slightly gravelly CLAY with occasional cobbles (DEVENSIAN TILL).		
1.80-2.00 1.90 2.00-2.45	B HSVT SPT	104kN/m ² N=36				(1.45) 3.45	Stiff (high strength) dark brown and grey mottled slightly sandy slightly gravelly CLAY with occasional cobbles (DEVENSIAN TILL).		
2.80-3.00 2.90 3.00-3.45	B HSVT SPT	118kN/m ² N=29					Borehole terminated at 3.45m.		

Windowless Sampling Drilling Progress						GENERAL REMARKS
Depth	Casing	Diameter	Recovery	Remarks		
						WATER: Dry ADDITIONAL: All positions are CAT scanned prior to breaking ground
All dimensions in metres Scale 1:23.4375			Client D3 Associates		Method/ Plant Used Competitor Dart Rig	Logged By WH

GEOL WS LOG BH LOGS.GPJ GINT STD AGS 3.1 GDT 18/5/23



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BOREHOLE LOG

Project Outreach Community Hub, Station Road, Shotton Colliery, County Durham, DH6 2JL				BOREHOLE No BH02	
Job No GEOL23-7823	Date 17-05-23 17-05-23	Ground Level (m)	Co-Ordinates ()		
Contractor GEOL Consultants Limited				Sheet 1 of 1	

SAMPLES & TESTS			STRATA					Geology	Instrument/ Backfill
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
0.20-0.30	ES					(0.40) 0.40	Dark brown slightly gravelly sand with fragments of brick and sandstone (MADE GROUND).		
0.80-1.00 0.90 1.00-1.45	B HSVT SPT	78kN/m ² N=15				(3.05)	Stiff (high strength) medium brown and light brown sandy slightly gravelly CLAY with occasional cobbles (DEVENSIAN TILL).		
1.80-2.00 1.90 2.00-2.45	B HSVT SPT	90kN/m ² N=33							
2.80-3.00 2.90 3.00-3.45	B HSVT SPT	80kN/m ² N=30				3.45			
							Borehole terminated at 3.45m.		

Windowless Sampling Drilling Progress						GENERAL REMARKS
Depth	Casing	Diameter	Recovery	Remarks		
All dimensions in metres Scale 1:23.4375					Client D3 Associates	Method/ Plant Used Competitor Dart Rig
					Logged By WH	

GEOL WS LOG BH LOGS.GPJ GINT STD AGS 3.1 GDT 18/5/23

WATER: Dry
ADDITIONAL: All positions are CAT scanned prior to breaking ground



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BOREHOLE LOG

Project Outreach Community Hub, Station Road, Shotton Colliery, County Durham, DH6 2JL				BOREHOLE No BH03	
Job No GEOL23-7823	Date 17-05-23 17-05-23	Ground Level (m)	Co-Ordinates ()		
Contractor GEOL Consultants Limited				Sheet 1 of 1	

SAMPLES & TESTS			STRATA					Geology	Instrument/ Backfill
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
0.10-0.30	ES					(0.30) 0.30	Dark brown slightly gravelly sand with fragments of brick and sandstone. Occasional rootlets noted (MADE GROUND).		
0.80-1.00 0.90 1.00-1.45	B HSV T SPT	88kN/m ² N=12				(0.95) 1.25	Stiff (high strength) light brown orange and grey mottled slightly sandy slightly gravelly CLAY (DEVENSIAN TILL).		
1.80-2.00 1.90 2.00-2.45	B HSV T SPT	68kN/m ² N=28				(3.20)	Firm (medium strength) becoming stiff (high strength) dark brown sandy gravelly CLAY with occasional cobbles (DEVENSIAN TILL).		
2.80-3.00 2.90 3.00-3.45	B HSV T SPT	100kN/m ² N=22	↓			(3.20)			
4.00-4.45	SPT	N=27				4.45			
							Borehole terminated at 4.45m.		

Windowless Sampling Drilling Progress					GENERAL REMARKS
Depth	Casing	Diameter	Recovery	Remarks	
All dimensions in metres Scale 1:29.6875					WATER: Ingress of water noted at 2.90m ADDITIONAL: All positions are CAT scanned prior to breaking ground
Client D3 Associates			Method/ Plant Used Competitor Dart Rig		Logged By WH

GEOL WS LOG BH LOGS.GPJ GINT STD AGS 3.1 GDT 18/5/23