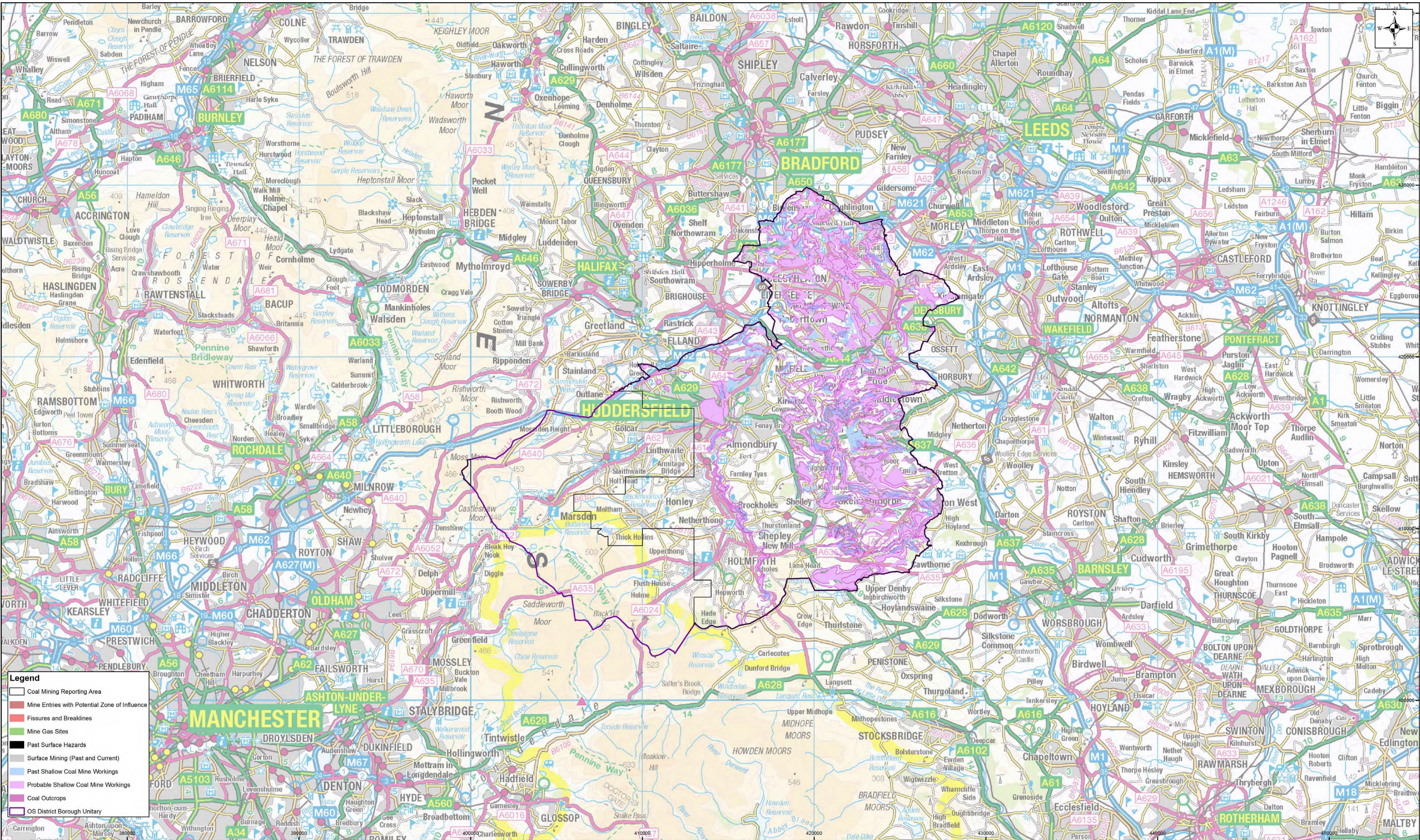


Kirkles District (B) - Specific Risk



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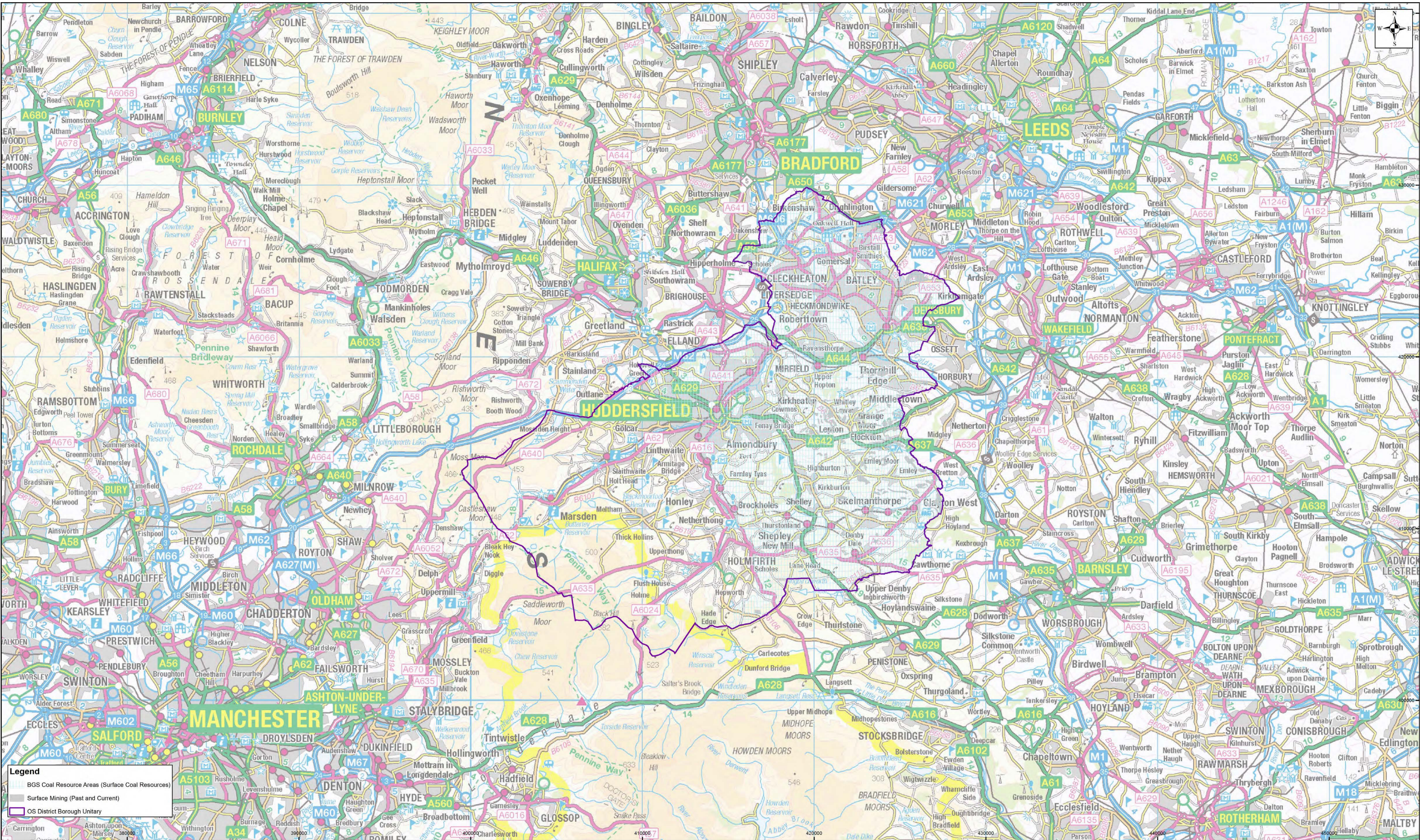
Scale 1:100000@A1

Published on: 29/04/2016



The Coal Authority

Kirklees District (B) - Surface Coal Resource



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APPENDIX E – BGS BOREHOLE SECTION SHEETS

F

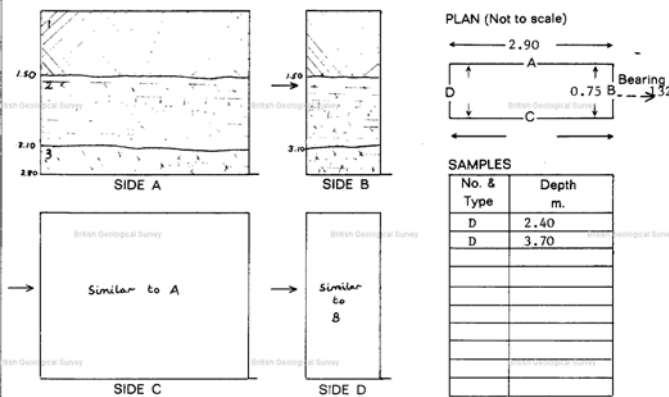
Holst Soil Engineering Limited

Trial Pit No.

1

Contract No. F3758 TRIAL PIT LOG
 Location Batley
 Client Eckett, Stevens, Colman Partnership Chainage 2444 2425
 Excavation Plant JCB 3C Ground Level m.A.O.D.
 Dimensions (l x b x h) 2.90x0.75x3.80 4622SW 259 Date 20.10.77

ELEVATIONS.—



SAMPLES

No. & Type	Depth m.
D	2.40
D	3.70

No.	Depth m.	STRATA DESCRIPTION	Cv/Cp kN/m ²
1	0-1.5	MADEGROUND - mottled brown silty clay with black ash, bricks and boulders.	
2	1.50-3.10	Firm mottled brown very silty CLAY with thin bands of fine grained SANDSTONE (completely weathered interbedded siltstone and sandstone).	
3	3.10	Grey green, highly weathered, laminated SILTSTONE with occasional thin layers of fine grained sandstone.	
	3.80	Terminated.	

NOTES Cv/Cp Approximate value of undrained shear strength from hand vane/penetrometer
 Groundwater Pit dry.
 Pumping:
 Supports/Stability: Sides self supporting.

Holst Soil Engineering Limited

Borehole No. 1

Contract No. F3758 BOREHOLE LOG Sheet 1 of 2
 Location Batley 2443 2423 Chainage
 Client Birkett, Stevens, Colman Partnership SE22SW 265 Ground Level
 Method of Boring Rotary coring 6-9/11/77 m.A.O.D.
 Diameter of Borehole 100 mm Date

Description of Strata	Legend	Depth Below G.L. (m)	O.D. Level (m)	Casing Depth at Sampling	Sampling and Coring	"N"/R.O.D.%	Daily Progress
MADEGROUND Brick, clay	[Cross-hatch pattern]	2.00					
Firm brown CLAY	[Horizontal lines]	3.00			3.00		
Moderately weathered moderately fractured light brown fine silty SANDSTONE	[Stippled pattern]	8.40			50%		
Slightly weathered, moderately fractured, light grey silty MUDSTONE	[Vertical lines]	11.00			65%		
Highly weathered, highly fractured grey silty MUDSTONE with bands of clay	[Horizontal lines with dots]	16.40			100%		
Slightly weathered moderately fractured dark grey shaly MUDSTONE with soft bands and bivalves	[Vertical lines with dots]	18.00			30%		
Highly weathered highly fractured dark grey shaly MUDSTONE with soft bands (possible workings)	[Vertical lines with dots]	19.50			11.00		
					14.00		
					16.50		
					35%		
					40%		
					19.50		

Type of Sample Remarks (Observations of Ground Water etc.)
 Is S.P.T. Undisturbed Water seepage from 9.00 m
 Ic. C.P.T. Vane " struck at 14.25 m
 O Jar Water
 ● Bulk Piezometer

Water levels are subject to seasonal and tidal variations and should not be taken as permanent

Holst Soil Engineering Limited

Borehole No. 1

BOREHOLE LOG

Contract No. F3758 Location BALLEV Sheet 2 of 2
 Client Birkett, Stevens, Colman Partnership Chainage.....
 Method of Boring Rotary coring Ground Level..... m.A.O.D.
 Diameter of Borehole 100 mm SE22SW 265 Date.....

Description of Strata	Legend	Depth Below G.L. (m)	O.D. Level (m)	Casing Depth at Sampling	Sampling and Coring	%R, Q, D, %	Daily Progress
Slightly weathered moderately fractured light grey silty MUDSTONE SEATEARTH	[Symbol]	22.50			100% 21.50 100% 22.50		
Slightly weathered slightly fractured light grey fine SANDSTONE	[Symbol]	24.20			74%		
Moderately weathered moderately fractured grey silty MUDSTONE	[Symbol]	25.50			72%		
Moderately weathered moderately fractured dark grey black shaly MUDSTONE with bivalves	[Symbol]	27.20			72%		
Slightly weathered moderately fractured dark grey silty MUDSTONE	[Symbol]	27.50			68%		
		30.00			30.00		

<p>Type of Sample</p> <p>Is S.P.T. <input type="checkbox"/> Undisturbed</p> <p>Is C.P.T. <input checked="" type="checkbox"/> Vane</p> <p>O Jar <input type="checkbox"/> Water</p> <p>● Bulk <input checked="" type="checkbox"/> Piezometer</p>	<p>Remarks (Observations of Ground Water etc.)</p> <p style="font-size: small;">Water levels are subject to seasonal or tidal variations and should not be taken as constant</p>
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