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Norwest Holst Soil Engineering Ltd.

Borehole No. **2**

Contract No. F5307 **BOREHOLE LOG** 4607 5887

Location Huthwaite Commons, Industrial Est. Sheet 1 of 3

Client Nottinghamshire County Council Chainage

Method of Boring Rotary Air Flush Ground Level m.A.O.D.

Diameter of Borehole 105 mm Date

| Description of Strata | Legend | Depth Below G.L. (m) | O.D. Level (m) | Casing Depth at Sampling | Sampling and Coring | "N"/R.Q.D. % | Daily Progress |
|----------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------|----------------|--------------------------|---------------------|--------------|----------------|
| TOPSOIL. | | 0.50 | | | Openhole to 0.75m | | |
| Orange-brown, very silty, very slightly muddy, completely weathered SANDSTONE, weak, moderately fractured. | | 1.30 | | | TCR SCR 0.75 | RQD | |
| Red-brown, laminated, muddy, slightly fine sandy, completely weathered SILTSTONE, very weak, highly to very highly fractured. | | | | | 70 67 | 9 | |
| | | | | | 2.25 | | |
| Grey, laminated, sandy, highly weathered SILTSTONE, weak, highly fractured with coal laminae. | | 4.60 | | | 90 40 | 0 | |
| | | 4.80 | | | 3.75 | | |
| Brown grey, muddy, highly to completely weathered SILTSTONE, weak, very highly fractured with ironstone nodules and plant traces. | | 5.10 | | | 68 40 | 0 | |
| | | | | | 5.75 | | |
| Grey, very silty, highly weathered MUDSTONE, very weak, highly fractured, with occasional coal laminae and with plant traces. | | | | | 74 23 | 0 | |
| Black, muddy COAL. | | 7.90 | | | 7.50 | | |
| | | 7.95 | | | | | |
| Grey, clayey, very silty, completely weathered MUDSTONE, very stiff to very weak, very highly fractured with plant traces (Seatearth). | | 8.75 | | | 100 60 | 17 | |
| | | | | | 9.00 | | |
| Grey, very silty, highly weathered MUDSTONE, very weak, highly fractured with occasional plant traces. | | | | | 67 27 | 0 | |

Type of Sample

S.P.T. Undisturbed

C.P.T. X Vane

Jar Δ Water

Bulk Piezometer

Remarks (Observations of Ground Water etc.)

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



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| Norwest Holst Soil Engineering Ltd. | | | | | | Borehole No. 2 | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------|----------------|----------------------------|---------------------|--------------------------|----------------|
| Contract No. F5307 | | BOREHOLE LOG | | Sheet 2 of 3 | | | |
| Location Huthwaite Commons Industrial Est. | | | | Chainage..... | | | |
| Client Nottinghamshire County Council | | | | Ground Level..... m.A.O.D. | | | |
| Method of Boring Rotary Air Flush | | | | Date..... | | | |
| Diameter of Borehole 105 mm | | | | | | | |
| Description of Strata | Legend | Depth Below G.L.(m) | O.D. Level (m) | Casing Depth at Sampling | Sampling and Coring | "N"/R.Q.D. % | Daily Progress |
| Grey very silty, highly weathered MUDSTONE, very weak, highly fractured, with occasional plant traces. | X | 11.25 | | | TCR SCR | RQD | |
| | X | | | | 10.50 | 13 | |
| Light grey, highly weathered SILTSTONE, moderately strong, moderately fractured, with occasional sub-vertical joints and with occasional calcite infilled veining. | +++++ | 11.95 | | | 87 80 | 13 | |
| | +++++ | | | | 12.00 | 0 | |
| Grey, laminated, very silty, highly weathered MUDSTONE, weak, moderately to highly fractured with occasional iron stained joints below 16.75m. | X | | | | 100 63 | 0 | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | 14.00 | 12 | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | 16.00 | 5 | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | | | |
| | X | | | | 18.00 | 8 | |
| | X | | | | | | |
| | X | | | | 100 86 | | |
| | X | | | | | | |

Type of Sample

☒ S.P.T. ☒ Undisturbed

☒ C.P.T. ☒ Vane

☐ Jar ☐ Water

☒ Bulk ☒ Piezometer

Remarks (Observations of Ground Water etc.)

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



Norwest Holst Soil Engineering Ltd.

Borehole No.

2

Contract No. F5307

BOREHOLE LOG

Location Huthwaite Commons Industrial Est.

Client Nottinghamshire County Council

Method of Boring Rotary Air Flush

Diameter of Borehole 105 mm

Sheet 3 of 3

Chainage

Ground Level m.A.O.D.

Date

| Description of Strata | Legend | Depth Below G.L. (m) | O.D. Level (m) | Casing Depth at Sampling | Sampling and Coring | "N"/ R.Q.D. % | Daily Progress |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------|----------------------|--------------------------------|---------------------------|------------------|-------------------|
| Grey, laminated, very silty, highly weathered MUDSTONE, weak, moderately to highly fractured with occasional iron stained joints below 16.75 m. | | 20.00 | | | 20.50 | | |

Type of Sample

- ☒ S.P.T. ☐ Undisturbed
☒ C.P.T. ☒ Vane
☐ Jar ☒ Water
☒ Bulk ☒ Piezometer

Remarks (Observations of Ground Water etc.)

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