| CLIENT: Cannon Consulting Engineers | PROJECT: Great Wilsey Park,Haverhill | GROUND LEVEL 83m | HOLE No. BH05 |
|---|---|---|---|
| LOGGED BY: JK<br>FIELDWORK BY: Endeavour Drilling<br>TEMPLATE REF: GEL AGS BH BETA<br>CHECKED BY:<br>DATE: | EXCAVATION METHOD: Cable Percussion (shell and auger)<br>Uncased to 20.0 m | Grid Reference: TL6885945796<br>DATES 11/02/2025 - 12/02/2025 | SHEET 2 OF 2<br>PROJECT NO. 9081,GI |

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 20.00 | | | 14 14 | | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER Upper seal / Response zone / Lower seal

SAMPLE AND TEST KEY
D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. BH05 | SHEET 2 OF 2 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 85m**

**HOLE No. BH06**

LOGGED BY: JK
FIELDWORK BY: Endeavour Drilling
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Cable Percussion (shell and auger)
Uncased to 20.0 m

Grid Reference: TL6879845791

DATES 12/02/2025 - 13/02/2025

SHEET 1 OF 2

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0.30- | B | B1 | | | | | | | | | | |
| | | | | | | | 0.30 | | 0.50 | B | B2 | | | | | | | | | |
| | | | | Soft orangish brown slightly sandy slightly gravelly silty CLAY. Gravel of fine to coarse angular and sub-rounded flint and chalk. | | | 1.40 | | 0.60- | B | B3 | | | | | | | | | | |
| | | | | | | | | | 0.80 | SPT | SPT1 | 1 1 | 6 | | | | | | | |
| | | | | | | | | | 1.00- | D | D1 | 1 1 | | | | | | | | |
| | | | | | | | | | 1.20 | U | U1 | 2 2 | | | | | | | | |
| | | | | Firm light brown mottled grey slightly sandy slightly gravelly CLAY. Gravel of fine to coarse angular and sub-rounded flint and chalk. | | | | | 1.20- | D | D2 | | | | | | | | | | |
| | | | | | | | | | 1.65 | D | D3 | | | | | | | | | |
| | | | | | | | | | 1.40 | SPT | SPT2 | 2 3 | 18 | | | | | | | |
| | | | | | | | | | 2.00- | | | 3 4 | | | | | | | | |
| | | | | | | | | | 2.45 | D | D4 | 5 6 | | | | | | | | |
| | | | | | | | | | 2.45 | U | U2 | | | | | | | | | |
| | | | | | | | | | 2.70 | D | D4 | | | | | | | | | |
| | | | | Stiff dark grey sightly sandy slightly gravelly silty CLAY. Gravel of fine to coarse angular and sub-rounded flint and chalk. | | | 3.60 | | 3.00- | D | D5 | | | | | | | | | | |
| | | | | | | | | | 3.45 | SPT | SPT3 | 2 4 | 24 | | | | | | | |
| | | | | | | | | | 3.60 | | | 4 6 | | | | | | | | |
| | | | | | | | | | 4.00- | D | D6 | 7 7 | | | | | | | | |
| | | | | | | | | | 4.45 | SPT | SPT4 | 2 4 | 23 | | | | | | | |
| | | | | | | | | | 4.45 | | | 4 5 | | | | | | | | |
| | | | | | | | | | 4.70 | | | 6 8 | | | | | | | | |
| | | | | | | | | | 5.00- | D | D7 | | | | | | | | | |
| | | | | | | | | | 5.45 | U | U3 | | | | | | | | | |
| | | | | | | | | | 5.70 | D | D8 | | | | | | | | | |
| | | | | | | | | | 6.00- | | | | | | | | | | | |
| | | | | | | | | | 6.45 | D | D9 | | | | | | | | | |
| | | | | | | | | | 7.00 | SPT | SPT5 | 3 3 | 26 | | | | | | | |
| | | | | | | | | | 7.50- | | | 5 7 | | | | | | | | |
| | | | | | | | | | 7.95 | | | 7 7 | | | | | | | | |
| | | | | | | | | | 7.95 | D | D10 | | | | | | | | | |
| | | | | | | | | | 8.50 | | | | | | | | | | | |
| | | | | | | | | | 9.00- | U | U4 | | | | | | | | | |
| | | | | | | | | | 9.45 | D | D11 | | | | | | | | | |
| | | | | | | | | | 10.00 | | | | | | | | | | | |
| | | | | | | | | | 10.50- | D | D12 | | | | | | | | | |
| | | | | | | | | | 10.95 | SPT | SPT6 | 3 6 | 35 | | | | | | | |
| | | | | | | | | | 10.95 | | | 8 8 | | | | | | | | |
| | | | | | | | | | 11.50 | | | 9 10 | | | | | | | | |
| | | | | | | | | | 12.00- | D | D13 | | | | | | | | | |
| | | | | | | | | | 12.45 | U | U5 | | | | | | | | | |
| | | | | | | | | | 13.00 | D | D14 | | | | | | | | | |
| | | | | | | | | | 13.50- | | | | | | | | | | | |
| | | | | | | | | | 13.95 | D | D15 | | | | | | | | | |
| | | | | | | | | | 13.95 | SPT | SPT7 | 9 9 | 49 | | | | | | | |
| | | | | | | | | | 14.50 | | | 10 12 | | | | | | | | |
| | | | | | | | | | 15.00- | | | 12 15 | | | | | | | | |
| | | | | | | | | | 15.45 | | | | | | | | | | | |
| | | | | | | | | | 16.00 | D | D16 | | | | | | | | | |
| | | | | | | | | | 16.50- | U | U6 | | | | | | | | | |
| | | | | | | | | | 16.95 | D | D17 | | | | | | | | | |
| | | | | | | | | | 16.95 | | | | | | | | | | | |
| | | | | | | | | | 17.50 | D | D18 | | | | | | | | | |
| | | | | | | | | | 18.00- | SPT | SPT8 | 8 8 | 66* | | | | | | | |
| | | | | | | | | | 18.45 | | | 11 12 | | | | | | | | |
| | | | | | | | | | 19.00 | D | D19 | 18 9 | | | | | | | | |
| | | | | | | | | | 19.50- | U | U7 | | | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 20.00 | | 19.95 | D | D20 | 7 8 | 65* | | | | | | | |
| | | | | | | | | | 19.95 | SPT | SPT9 | 11 14 | | | | | | | | |
| | | | | | | | | | 20.00 | | | | | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER Upper seal / Response zone / Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. BH06 | SHEET 1 OF 2 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

| CLIENT: Cannon Consulting Engineers | PROJECT: Great Wilsey Park,Haverhill | GROUND LEVEL 85m | HOLE No. BH06 |
|---|---|---|---|
| LOGGED BY: JK<br>FIELDWORK BY: Endeavour Drilling<br>TEMPLATE REF: GEL AGS BH BETA<br>CHECKED BY:<br>DATE: | EXCAVATION METHOD: Cable Percussion (shell and auger)<br>Uncased to 20.0 m | Grid Reference: TL6879845791<br>DATES 12/02/2025 - 13/02/2025 | SHEET 2 OF 2<br>PROJECT NO. 9081,GI |

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 21 | | | 17 8 | | | | | | | | |
| | | | | | | | | | 22 | | | | | | | | | | | |
| | | | | | | | | | 23 | | | | | | | | | | | |
| | | | | | | | | | 24 | | | | | | | | | | | |
| | | | | | | | | | 25 | | | | | | | | | | | |
| | | | | | | | | | 26 | | | | | | | | | | | |
| | | | | | | | | | 27 | | | | | | | | | | | |
| | | | | | | | | | 28 | | | | | | | | | | | |
| | | | | | | | | | 29 | | | | | | | | | | | |
| | | | | | | | | | 30 | | | | | | | | | | | |
| | | | | | | | | | 31 | | | | | | | | | | | |
| | | | | | | | | | 32 | | | | | | | | | | | |
| | | | | | | | | | 33 | | | | | | | | | | | |
| | | | | | | | | | 34 | | | | | | | | | | | |
| | | | | | | | | | 35 | | | | | | | | | | | |
| | | | | | | | | | 36 | | | | | | | | | | | |
| | | | | | | | | | 37 | | | | | | | | | | | |
| | | | | | | | | | 38 | | | | | | | | | | | |
| | | | | | | | | | 39 | | | | | | | | | | | |
| | | | | | | | | | 40 | | | | | | | | | | | |
| | | | | | | | | | 41 | | | | | | | | | | | |
| | | | | | | | | | 42 | | | | | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER Upper seal / Response zone / Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. BH06 | SHEET 2 OF 2 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 87m**

**HOLE No. WS101**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 5.0 m

Grid Reference: TL6869745805

DATES 03/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.00 | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | Firm orangish brown mottled grey slightly sandy slightly gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.35 | | 0.20 | ES | 1 | | | | | | | | | | |
| | | | | Orangish brown slightly clayey slightly gravelly SAND. Sand is fine and medium, gravel of fine and medium sub-angular and sub-rounded flint. | | | 0.70 | | 0.50 | ES | 2 | | | | | | | | | | |
| | | | | Firm becoming stiff grey mottled orangish brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 1.10 | | 0.70 | D | 1 | | | | | | | | | | |
| | | | | | | | | | 1 | | | 2<br>2<br>4 | 11 | | | | | | | Inflow of water at 1m |
| | | | | | | | | | 1.20 | D | 2 | 3 | | | | | | | | |
| | | | | | | | | | 1.50 | ES | 3 | | | | | | | | | |
| | | | | 2.00 - 5.00 Dark grey CLAY. | | | | | 1.90 | D | 3 | | | | | | | | | |
| | | | | | | | | | 2 | | | 3<br>2<br>4 | 13 | | | | | | | |
| | | | | | | | | | 2.90 | D | 4 | | | | | | | | | |
| | | | | | | | | | 3 | | | 3<br>4<br>7 | 23 | | | | | | | |
| | | | | | | | | | 3.90 | D | 5 | | | | | | | | | |
| | | | | | | | | | 4 | | | 7<br>6<br>9 | 32 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 5.00 | | 5 | | | 5<br>8<br>11 | 42 | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes PIEZOMETER Upper seal Response zone Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS101 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 88m**

**HOLE No. WS102**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 4.0 m

Grid Reference: TL6873745768

DATES 03/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0.10 | ES | 1 | | | | | | | | | | |
| | | | | Firm orangish brown mottled grey slightly sandy slightly gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.30 | | | | | | | | | | | | | | |
| | | | | Firm becoming stiff grey mottled orangish brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.60 | | 0.90 | D | 1 | 2 3<br>3 3<br>4 5 | 15 | | | | | | | | |
| | | | | | | | | | 1.90 | D | 2 | 3 3<br>4 4<br>5 6 | 19 | | | | | | | |
| | | | | | | | | | 2.90 | D | 3 | 4 3<br>5 5<br>7 7 | 24 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 4.00 | 72 | 3.90 | D | 4 | 13 9<br>8 17<br>20 5 | 72* | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER: Upper seal, Response zone, Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS102 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WLSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 88m**

**HOLE No. WS103**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 3.0 m

Grid Reference: TL6877145738

DATES 03/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | | | | 0.30 | | 0.20 | ES | 1 | | | | | | | | | |
| | | | | Firm orangish brown mottled grey slightly sandy slightly gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | | | 0.50 | ES | 2 | | | | | | | | | |
| | | | | | | | 0.70 | | | | | | | | | | | | | |
| | | | | Firm becoming stiff grey mottled orangish brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | | | 0.90 | D | 1 | 2 3<br>3 4<br>4 5 | 16 | | | | | | | |
| | | | | | | | | | 1.50 | ES | 3 | | | | | | | | | |
| | | | | 1.80 - 3.00 Dark grey CLAY. | | | | | 1.90 | D | 2 | 3 3<br>5 5<br>6 7 | 23 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 3.00 | | 2.90 | D | 3 | 4 4<br>4 7<br>6 8 | 25 | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER Upper seal, Response zone, Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS103 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 88m**

**HOLE No. WS104**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 4.0 m

Grid Reference: TL6881845691

DATES 04/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | Firm orangish brown mottled grey slightly sandy slightly gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.35 | | 0.10 | ES | 1 | | | | | | | | | | |
| | | | | | | | | | 0.50 | ES | 2 | | | | | | | | | | |
| | | | | Firm becoming stiff grey mottled orangish brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.75 | | 0.90 | D | 1 | 2 4<br>3 4<br>2 4 | 13 | | | | | | | | |
| | | | | 2.00 - 4.00 Dark grey CLAY. | | | | | 1.90 | D | 2 | 4 4<br>6 8<br>15 15 | 44 | | | | | | | | |
| | | | | 2.50 Large chalk gravel. | | | | | 2.90 | D | 3 | 4 5<br>7 9<br>11 16 | 43 | | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 4.00 | | 3.90 | D | 4 | 5 6<br>6 8<br>10 11 | 35 | | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes PIEZOMETER Upper seal Response zone Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS104 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WLSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

| CLIENT: Cannon Consulting Engineers | PROJECT: Great Wilsey Park,Haverhill | GROUND LEVEL 85m | HOLE No. WS105 |
|---|---|---|---|
| LOGGED BY: JK<br>FIELDWORK BY: GEL<br>TEMPLATE REF: GEL AGS BH BETA<br>CHECKED BY:<br>DATE: | EXCAVATION METHOD: Window Sampler<br>Uncased to 3.0 m | Grid Reference: TL6887845662<br>DATES 04/02/2025 - | SHEET 1 OF 1<br>PROJECT NO. 9081,GI |

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | | | | 0.30 | | 0.20 | ES | 1 | | | | | | | | | |
| | | | | Firm orangish brown mottled grey slightly sandy slightly gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.40 | | 0.35 | ES | 2 | | | | | | | | | |
| | | | | Firm becoming stiff grey mottled orangish brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | | | 0.90 | D | 1 | 2 3<br>3 4<br>5 5 | 17 | | | | | | | |
| | | | | | | | | | 1.50 | ES | 3 | | | | | | | | | |
| | | | | | | | | | 1.90 | D | 2 | 4 4<br>5 5<br>6 6 | 22 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 3.00 | | 2.90 | D | 3 | 3 5<br>5 7<br>8 10 | 30 | | | | | | | |
| | | | | | | | | | 2 | | | | | | | | | | | |
| | | | | | | | | | 3 | | | | | | | | | | | |
| | | | | | | | | | 4 | | | | | | | | | | | |
| | | | | | | | | | 5 | | | | | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes PIEZOMETER Upper seal Response zone Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS105 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 83m**

**HOLE No. WS106**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 4.0 m

Grid Reference: TL6891645699

DATES 04/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | |
| | | | | Firm orangish brown mottled grey slightly sandy slightly gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.30 | | 0.10 | ES | 1 | | | | | | | | | |
| | | | | Soft orangish brown mottled grey sandy slightly gravelly CLAY. Sand is fine to coarse, gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.55 | | 0.60 | ES | 2 | | | | | | | | | |
| | | | | | | | 0.85 | | 0.70 | D | 1 | | | | | | | | | |
| | | | | Firm becoming stiff grey mottled brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | | | 0.90 | D | 2 | 2 3<br>2 3<br>4 5 | 14 | | | | | | | |
| | | | | 2.00 - 3.20 Greyish brown CLAY. | | | | | 1.90 | D | 3 | 3 4<br>4 5<br>5 6 | 20 | | | | | | | |
| | | | | 3.20 - 4.00 Grey CLAY. | | | | | 2.90 | D | 4 | 3 3<br>4 5<br>5 5 | 19 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 4.00 | | 3.90 | D | 5 | 5 5<br>6 5<br>6 6 | 23 | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER: Upper seal, Response zone, Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS106 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 85m**

**HOLE No. WS107**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 3.0 m

Grid Reference: TL6883245765

DATES 04/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0.10 | ES | 1 | | | | | | | | | | |
| | | | | | | | 0.20 | | | | | | | | | | | | | |
| | | | | Soft orangish brown sandy slightly gravelly CLAY. Sand is fine to coarse, gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | | | 0.50 | ES | 2 | | | | | | | | | | |
| | | | | | | | | | 0.70 | D | 1 | | | | | | | | | |
| | | | | | | | | | 1 | | | 2 3<br>3 3<br>4 4 | 14 | | | | | | | |
| | | | | Firm becoming stiff grey mottled brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 1.50 | | 1.60 | D | 2 | | | | | | | | | | |
| | | | | | | | | | 2 | | | 4 5<br>5 5<br>6 5 | 21 | | | | | | | |
| | | | | | | | | | 2.60 | D | 3 | | | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 3.00 | | 3 | | | 4 4<br>6 5<br>7 5 | 23 | | | | | | | |
| | | | | | | | | | 4 | | | | | | | | | | | |
| | | | | | | | | | 5 | | | | | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER Upper seal / Response zone / Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS107 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 82m**

**HOLE No. WS108**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 5.0 m

Grid Reference: TL6891845780

DATES 05/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0.10 | ES | 1 | | | | | | | | | | |
| | | | | Soft orangish brown sandy slightly gravelly CLAY. Sand is fine to coarse, gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.40 | | 0.50 | ES | 2 | | | | | | | | | | |
| | | | | 1.00 - 3.00 Large sandstone gravel caused compression of second and third meter. | | | | | 0.90<br>1.00-2.00 | D<br>D<br>ES | 1<br>2<br>3 | 2 1<br>1 2<br>2 3 | 8 | | | | | | | |
| | | | | Soft orangish brown mottled grey slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 2.00 | | | | | 5 2<br>3 4<br>4 5 | 16 | | | | | | | | |
| | | | | Firm becoming stiff grey mottled brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 2.50 | | | | | | | | | | | | | |
| | | | | 3.00 - 5.00 Dark grey CLAY. | | | | | 2.90 | D | 3 | 4 4<br>6 7<br>8 10 | 31 | | | | | | | |
| | | | | | | | | | 3.90 | D | 4 | 5 7<br>7 9<br>10 12 | 38 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 5.00 | 66 | 4.90 | D | 5 | 7 9<br>17 20<br>13 | 66* | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER: Upper seal / Response zone / Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS108 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

| CLIENT: Cannon Consulting Engineers | PROJECT: Great Wilsey Park,Haverhill | GROUND LEVEL 79m | HOLE No. WS109 |
|---|---|---|---|
| LOGGED BY: JK<br>FIELDWORK BY: GEL<br>TEMPLATE REF: GEL AGS BH BETA<br>CHECKED BY:<br>DATE: | EXCAVATION METHOD: Window Sampler<br>Uncased to 5.0 m | Grid Reference: TL6900845678<br>DATES 05/02/2025 - | SHEET 1 OF 1<br>PROJECT NO. 9081,GI |

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | Firm brown slightly sandy slightly gravelly CLAY. Gravel of fine to coarse angular and sub-rounded flint and chalk. | | | 0.25 | | 0.10 | ES | 1 | | | | | | | | | | |
| | | | | | | | | | 0.40 | ES | 2 | | | | | | | | | |
| | | | | Firm brown mottled grey slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.80 | | 0.90 | D | 1 | 1 3<br>2 2<br>3 3 | 10 | | | | | | | |
| | | | | | | | | | 1.20 | ES | 3 | | | | | | | | | |
| | | | | Firm becoming stiff grey mottled brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 1.60 | | 1.90 | D | 2 | 3 3<br>3 4<br>5 5 | 17 | | | | | | | |
| | | | | 3.35 - 3.55<br>Inferred chalk cobble | | | | | 2.90 | D | 3 | 4 5<br>5 6<br>7 7 | 25 | | | | | | | |
| | | | | Soft wet off-white STRUCTURELESS CHALK: recovered as a slightly sandy slightly clayey gravel of CHALK. Gravel is fine to coarse sub-angular and sub-rounded flint and chalk. | | | 3.35 | | | | | | | | | | | | |
| | | | | | | | 3.55 | | | | | | | | | | | | | |
| | | | | Stiff grey slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | | | 3.90 | D | 4 | 4 4<br>5 6<br>7 8 | 26 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 5.00 | | 4.90 | D | 5 | 7 8<br>11 10<br>9 9 | 39 | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes PIEZOMETER Upper seal Response zone Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS109 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

| CLIENT: Cannon Consulting Engineers | PROJECT: Great Wilsey Park,Haverhill | GROUND LEVEL 80m | HOLE No. WS110 |
|---|---|---|---|
| LOGGED BY: JK<br>FIELDWORK BY: GEL<br>TEMPLATE REF: GEL AGS BH BETA<br>CHECKED BY:<br>DATE: | EXCAVATION METHOD: Window Sampler<br>Uncased to 4.0 m | Grid Reference: TL6898045636<br>DATES 05/02/2025 - | SHEET 1 OF 1<br>PROJECT NO. 9081,GI |

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | | | | 0.25 | | 0.20 | ES | 1 | | | | | | | | | |
| | | | | Firm brown mottled grey slightly sandy slightly gravelly CLAY. Gravel of fine and medium sub-angular and sub-rounded flint and chalk. | | | 0.50 | | 0.40 | ES | 2 | | | | | | | | | |
| | | | | Firm becoming stiff grey mottled brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | | | 0.90 | D | 1 | 2 3<br>4 3<br>4 4 | 15 | | | | | | | |
| | | | | 2.00 - 3.40 Greyish brown CLAY. | | | | | 1.90 | D | 2 | 2 3<br>4 6<br>5 6 | 21 | | | | | | | |
| | | | | 3.40 - 4.00 Dark grey CLAY. | | | | | 2.90 | D | 3 | 5 5<br>6 6<br>7 9 | 28 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 4.00 | | 3.90 | D | 4 | 6 6<br>7 9<br>10 13 | 39 | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes PIEZOMETER Upper seal Response zone Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS110 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 83m**

**HOLE No. WS111**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 3.0 m

Grid Reference: TL6892645608

DATES 05/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint, chalk, and brick fragments with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | | | | 0.30 | | 0.20 | ES | 1 | | | | | | | | | |
| | | | | Firm brown mottled grey slightly sandy slightly gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.50 | | 0.40 | ES | 2 | | | | | | | | | |
| | | | | Firm becoming stiff grey mottled brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | | | 0.90 | D | 1 | 3 4<br>2 2<br>4 3 | 11 | | | | | | | |
| | | | | 2.65 - 2.80 Pocket of mudstone. | | | | | 1.90 | D | 2 | 4 5<br>4 6<br>4 4 | 18 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 3.00 | | 2.90 | D | 3 | 6 7<br>5 7<br>10 8 | 30 | | | | | | | |
| | | | | | | | | | 1 | | | | | | | | | | | |
| | | | | | | | | | 2 | | | | | | | | | | | |
| | | | | | | | | | 3 | | | | | | | | | | | |
| | | | | | | | | | 4 | | | | | | | | | | | |
| | | | | | | | | | 5 | | | | | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER: Upper seal, Response zone, Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS111 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 82m**

**HOLE No. WS112**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 5.0 m

Grid Reference: TL6895645569

DATES 05/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | Soft brown mottled grey slightly sandy slightly gravelly CLAY. Gravel of fine and medium sub-angular and sub-rounded flint and chalk. | | | 0.40 | | 0.20 | ES | 1 | | | | | | | | | | |
| | | | | | | | 0.60 | | 0.50 | ES | 2 | | | | | | | | | |
| | | | | Firm becoming stiff grey mottled brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | | | 0.90 | D | 1 | 2 3<br>4 5<br>5 5 | 19 | | | | | | | |
| | | | | | | | | | 1.50 | ES | 3 | | | | | | | | | |
| | | | | | | | | | 1.90 | D | 2 | 4 5<br>5 4<br>6 5 | 20 | | | | | | | |
| | | | | | | | | | 2.90 | D | 3 | 4 5<br>5 8<br>9 11 | 33 | | | | | | | |
| | | | | | | | | | 3.90 | D | 4 | 5 5<br>7 6<br>10 8 | 31 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 5.00 | | | | | 6 6<br>5 5<br>7 12 | 29 | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER: Upper seal, Response zone, Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS112 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 79m**

**HOLE No. WS113**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 5.0 m

Grid Reference: TL6902945583

DATES 05/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | Soft brown mottled grey slightly sandy gravelly CLAY. Gravel of fine and medium sub-angular and sub-rounded flint and chalk. | | | 0.30 | | 0.10 | ES | 1 | | | | | | | | | | |
| | | | | Firm becoming stiff brownish grey mottled orangish brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 1.00 | | 0.90 1 | D | 1 | 1 2<br>2 2<br>4 3 | 11 | | | | | | | | |
| | | | | | | | | | 1.90 2 | D | 2 | 3 4<br>4 5<br>6 7 | 22 | | | | | | | |
| | | | | 4.00 - 5.00 Grey CLAY. | | | | | 2.90 3 | D | 3 | 4 5<br>6 6<br>8 8 | 28 | | | | | | | |
| | | | | | | | | | 3.90 4 | D | 4 | 5 5<br>5 6<br>6 8 | 25 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 5.00 | | 4.90 5 | D | 5 | 7 7<br>8 10<br>12 13 | 43 | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes PIEZOMETER Upper seal Response zone Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS113 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 78m**

**HOLE No. WS114**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 5.0 m

Grid Reference: TL6905545655

DATES 05/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0.10 | ES | 1 | | | | | | | | | | |
| | | | | Soft brown mottled grey slightly sandy gravelly CLAY. Gravel of fine and medium sub-angular and sub-rounded flint and chalk. | | | 0.30 | | | | | | | | | | | | | | |
| | | | | Firm brown mottled grey slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.70 | | 0.90 | D | 1 | 2 2<br>3 3<br>4 4 | 14 | | | | | | | | |
| | | | | Firm becoming stiff grey mottled brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 1.40 | | 1.90 | D | 2 | 3 2<br>4 3<br>5 5 | 17 | | | | | | | | |
| | | | | 3.50 - 5.00 Grey CLAY. | | | | | | | | 4 4<br>5 5<br>7 8 | 25 | | | | | | | | |
| | | | | | | | | | | | | 5 6<br>7 8<br>10 11 | 36 | | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 5.00 | | | | | 6 7<br>10 11<br>13 14 | 48 | | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes PIEZOMETER Upper seal Response zone Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS114 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 77m**

**HOLE No. WS115**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 4.0 m

Grid Reference: TL6911445561

DATES 06/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | | | | 0.30 | | 0.20 | ES | 1 | | | | | | | | | |
| | | | | Soft brown slightly gravelly sandy CLAY. Sand is fine and medium, gravel of fine to coarse sub-angular and sub-rounded flint. | | | | | 0.50 | ES | 2 | | | | | | | | | |
| | | | | | | | | | 0.90 | D | 1 | 2 2<br>2 2<br>2 3 | 9 | | | | | | | |
| | | | | Firm yellowish brown slightly sandy slightly gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 1.80 | | 1.90 | D | 2 | 3 2<br>3 2<br>4 4 | 13 | | | | | | | |
| | | 3.00 | | | | | | | 2.90 | D | 3 | | | | | | | | | |
| | | | | Yellowish brown slightly gravely slightly clayey SAND Sand is fine and medium, gravel of fine to coarse sub-angular and sub-rounded flint. | | | 3.00 | | 3.10 | D | 5 | 4 5<br>4 4<br>5 4 | 17 | | | | | | | Inflow of water at 3m |
| | | | | Firm becoming stiff grey mottled brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 3.70 | | | | | | | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 4.00 | | 3.90 | D | 4 | 3 5<br>4 4<br>5 5 | 18 | | | | | | | |
| | | | | | | | | | 5 | | | | | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes PIEZOMETER Upper seal Response zone Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS115 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 78m**

**HOLE No. WS116**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 5.0 m

Grid Reference: TL6906845509

DATES 06/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | Soft brown slightly gravelly sandy CLAY. Sand is fine and medium, gravel of fine and medium sub-angular and sub-rounded flint and chalk. | | | 0.30 | | 0.20 | ES | 1 | | | | | | | | | | |
| | | | | | | | | | 0.40 | ES | 2 | | | | | | | | | |
| | | | | | | | | | 0.50 | D | 1 | | | | | | | | | |
| | | | | Firm becoming stiff grey mottled brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.65 | | 0.80 | ES | 3 | | | | | | | | | |
| | | | | | | | | | 0.90 | D | 2 | 2 2<br>3 3<br>3 4 | 13 | | | | | | | |
| | | | | | | | | | 1.50 | ES | 4 | | | | | | | | | |
| | | | | | | | | | 1.90 | D | 3 | 3 4<br>3 4<br>5 4 | 16 | | | | | | | |
| | | | | | | | | | 2.50 | ES | 5 | | | | | | | | | |
| | | | | 3.40 - 5.00 Grey CLAY. | | | | | 2.90 | D | 4 | 3 3<br>4 4<br>4 5 | 17 | | | | | | | |
| | | | | | | | | | 3.90 | D | 5 | 4 5<br>5 7<br>9 11 | 32 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 5.00 | | | | | 4 5<br>5 7<br>10 8 | 30 | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER: Upper seal, Response zone, Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS116 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 81m**

**HOLE No. WS117**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 5.0 m

Grid Reference: TL6899445509

DATES 06/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | Soft brown slightly gravelly sandy CLAY. Sand is fine and medium, gravel of fine and medium sub-angular and sub-rounded flint and chalk. | | | 0.30 | | 0.20 | ES | 1 | | | | | | | | | | |
| | | | | Firm becoming stiff grey mottled brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.70 | | 0.50 | ES | 2 | | | | | | | | | | |
| | | | | | | | | | 0.90 | D | 1 | 2 2<br>2 4<br>4 4 | 14 | | | | | | | |
| | | | | | | | | | 1.20 | ES | 3 | | | | | | | | | |
| | | | | | | | | | 1.90 | D | 2 | 3 3<br>4 4<br>5 6 | 19 | | | | | | | |
| | | | | 3.50 - 5.00 Grey CLAY. | | | | | 2.90 | D | 3 | 3 4<br>5 5<br>6 6 | 22 | | | | | | | |
| | | | | | | | | | 3.90 | D | 4 | 5 4<br>5 6<br>7 8 | 26 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 5.00 | | 4.90 | D | 5 | 5 6<br>7 8<br>7 8 | 30 | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER: Upper seal, Response zone, Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS117 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 81m**

**HOLE No. WS118**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 4.0 m

Grid Reference: TL6902245451

DATES 06/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | Soft brown slightly gravelly sandy CLAY. Sand is fine and medium, gravel of fine and medium sub-angular and sub-rounded flint and chalk. | | | 0.25 | | 0.10 | ES | 1 | | | | | | | | | | |
| | | | | | | | | | 0.50 | ES | 2 | | | | | | | | | | |
| | | | | Firm becoming stiff grey mottled brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.75 | | 0.90 | D | 1 | 2 3<br>3 2<br>4 4 | 13 | | | | | | | | |
| | | | | 1.70 Large flint cobble. | | | | | 1.90 | D | 2 | 3 4<br>4 5<br>6 6 | 21 | | | | | | | | |
| | | | | 2.00 - 4.00 Greyish brown mottled orangish brown CLAY. | | | | | 2.90 | D | 3 | 4 4<br>5 6<br>7 8 | 26 | | | | | | | | |
| | | | | | | | | | 3.90 | D | 4 | 5 6<br>6 7<br>8 8 | 29 | | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 4.00 | | | | | | | | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER: Upper seal, Response zone, Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS118 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WLSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25

**CLIENT: Cannon Consulting Engineers**

**PROJECT: Great Wilsey Park,Haverhill**

**GROUND LEVEL 76m**

**HOLE No. WS119**

LOGGED BY: JK
FIELDWORK BY: GEL
TEMPLATE REF: GEL AGS BH BETA

CHECKED BY:
DATE:

EXCAVATION METHOD: Window Sampler
Uncased to 5.0 m

Grid Reference: TL6915345423

DATES 06/02/2025 -

SHEET 1 OF 1

PROJECT NO. 9081,GI

| Date/Time and Depth | Depth of Casing | Depth* of Water | Piez. | Description of Strata | Strata: Leg | Strata: Reduced Level | Strata: Depth | Graphical Representation: SPT 'N' Value (0 10 20 30 40) | Sampling/In-Situ Testing: Depths | Type | No. | Blows | SPT N | Laboratory Testing: <425 % | WC % | PL % | LL % | ρ Mg/m³ | Cu kN/m² | Additional Tests and Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Soft dark brown slightly sandy slightly gravelly organic clay. Gravel of fine and medium sub-angular and sub-rounded flint and chalk with occasional fine active and inactive vegetative roots. [TOPSOIL] | | | 0.00 | | 0 | | | | | | | | | | | | |
| | | | | | | | | | 0.20 | ES | 1 | | | | | | | | | |
| | | | | Soft brown slightly gravelly sandy CLAY. Sand is fine and medium, gravel of fine and medium sub-angular and sub-rounded flint and chalk. | | | 0.40 | | | | | | | | | | | | | | |
| | | | | | | | | | 0.60 | ES | 2 | | | | | | | | | |
| | | | | Firm brown mottled grey slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 0.80 | | 0.90 | D | 1 | 1 2<br>2 2<br>3 3 | 10 | | | | | | | |
| | | | | | | | | | 1.50 | ES | 3 | | | | | | | | | |
| | 2.00 | | | 2.00 - 2.20 Wet. | | | | | 1.90 | D | 2 | 2 3<br>2 3<br>3 4 | 12 | | | | | | | Inflow of water at 2m |
| | | | | | | | | | 2.10 | ES | 4 | | | | | | | | | |
| | | | | Stiff brownish grey mottled orangish brown slightly sandy gravelly CLAY. Gravel of fine to coarse sub-angular and sub-rounded flint and chalk. | | | 2.50 | | | | | | | | | | | | | | |
| | | | | | | | | | 2.90 | D | 3 | 3 3<br>3 4<br>4 5 | 16 | | | | | | | |
| | | | | 3.20 - 5.00 Grey CLAY. | | | | | | | | | | | | | | | | |
| | | | | | | | | | 3.90 | D | 4 | 5 6<br>8 11<br>13 12 | 44 | | | | | | | |
| | | | | END OF EXPLORATORY HOLE | | | 5.00 | | 4.90 | D | 5 | 6 4<br>6 12<br>10 14 | 42 | | | | | | | |

*WATER ▼ Standing water level ▽ Water strikes

PIEZOMETER: Upper seal, Response zone, Lower seal

SAMPLE AND TEST KEY

D Small disturbed sample
B Bulk disturbed sample
U Undisturbed sample
P Piston sample
J Disturbed jar sample
ES Environmental soil sample
W Water Sample
S Standard penetration test
C Cone penetration test
K Permeability test

Blows SPT blows for each 75mm increment (35) Undisturbed sample blow count
SPT N N = SPT N value (blows after seating) N*120 = Total blows/penetration including seating
<425 Sample % passing 425 micron sieve

DEPTH All depths, level and thicknesses in metres

Geosphere Environmental Ltd
Unit 11 Brightwell Barns
IP10 0BJ
Telephone: 01603 298076

HOLE No. WS119 | SHEET 1 OF 1 | PROJECT No. 9081,GI

GEL AGS BH BETA 9081,GI - GREAT WILSEY PARK HAVERHILL.GPJ GINT STD AGS 3_1.GDT 23/5/25