SUB SURFACE
SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS
3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907

Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Client: FRIENDS OF HIGHGATE CEMETERY TRUST

Job Number: SE1801

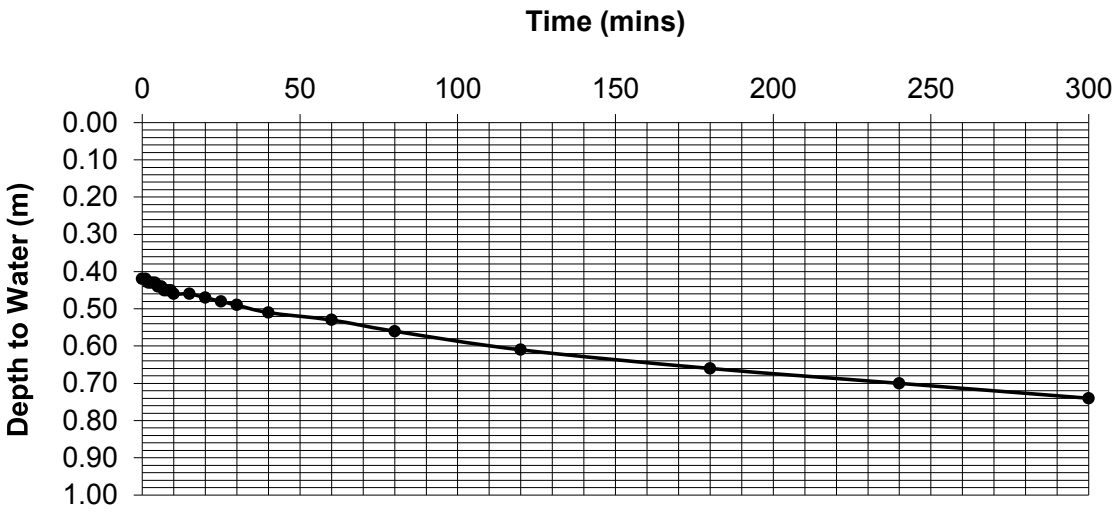
Sheet: 1 / 15

SOAKAWAY TEST

Position: TP1

Test Number: 1

Date: 01/05/24



Time (min)	Depth (m)
0	0.42
1	0.42
2	0.43
3	0.43
4	0.43
5	0.44
6	0.44
7	0.45
8	0.45
9	0.45
10	0.46
15	0.46
20	0.47
25	0.48
30	0.49
40	0.51
60	0.53
80	0.56
120	0.61
180	0.66
240	0.70
300	0.74
480	***0.86*** *

Length of pit:	L =	1.60	m
Width of pit:	W =	0.50	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.80	m^2
100% effective depth	D100 =	0.42	m
75% effective depth	D75 =	0.57	m
50% effective depth	D50 =	0.71	m
25% effective depth	D25 =	0.86	m
time to D75	T75 =	5280	sec
time to D25	T25 =	28800	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	23520	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.23	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	2.02	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = 4.89E-06 m/sec

Test Strata: See TP1 Log.

Remarks: **** Value extrapolated to obtain Soil Infiltration Rate.***

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Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

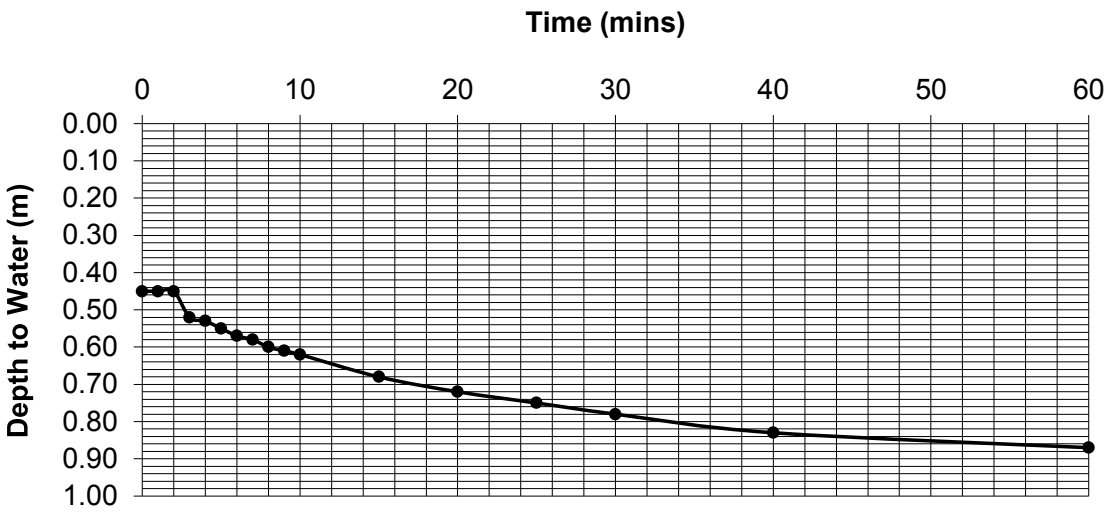
Client: FRIENDS OF HIGHGATE CEMETERY TRUST

Job Number: SE1801

SOAKAWAY TEST

Position: TP2

Test Number: 1
Date: 01/05/24



Time (min)	Depth (m)
0	0.45
1	0.45
2	0.45
3	0.52
4	0.53
5	0.55
6	0.57
7	0.58
8	0.60
9	0.61
10	0.62
15	0.68
20	0.72
25	0.75
30	0.78
40	0.83
60	0.87

Length of pit:	L =	1.70	m
Width of pit:	W =	0.50	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.85	m^2
100% effective depth	D100 =	0.45	m
75% effective depth	D75 =	0.59	m
50% effective depth	D50 =	0.73	m
25% effective depth	D25 =	0.86	m
time to D75	T75 =	450	sec
time to D25	T25 =	3300	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	2850	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.23	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	2.06	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = 3.98E-05 m/sec

Test Strata: See TP2 Log.

Remarks:

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Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Client: FRIENDS OF HIGHGATE CEMETERY TRUST

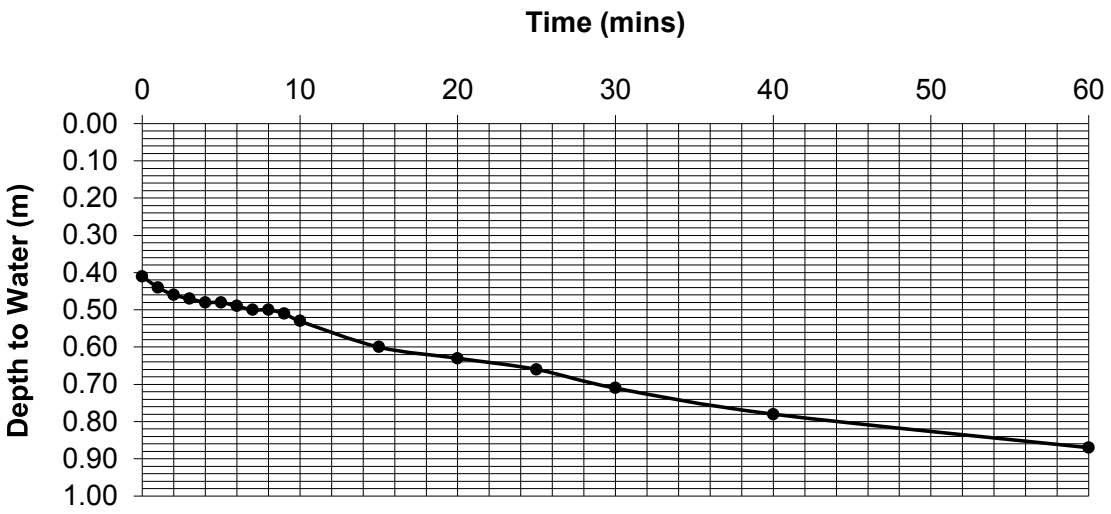
Job Number: SE1801

SOAKAWAY TEST

Position: TP2

Test Number: 2

Date: 01/05/24



Time (min)	Depth (m)
0	0.41
1	0.44
2	0.46
3	0.47
4	0.48
5	0.48
6	0.49
7	0.50
8	0.50
9	0.51
10	0.53
15	0.60
20	0.63
25	0.66
30	0.71
40	0.78
60	0.87

Length of pit:	L =	1.70	m
Width of pit:	W =	0.50	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.85	m^2
100% effective depth	D100 =	0.41	m
75% effective depth	D75 =	0.56	m
50% effective depth	D50 =	0.71	m
25% effective depth	D25 =	0.85	m
time to D75	T75 =	729	sec
time to D25	T25 =	3333	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	2605	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.25	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	2.15	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = 4.48E-05 m/sec

Test Strata: See TP2 Log.

Remarks:

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Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

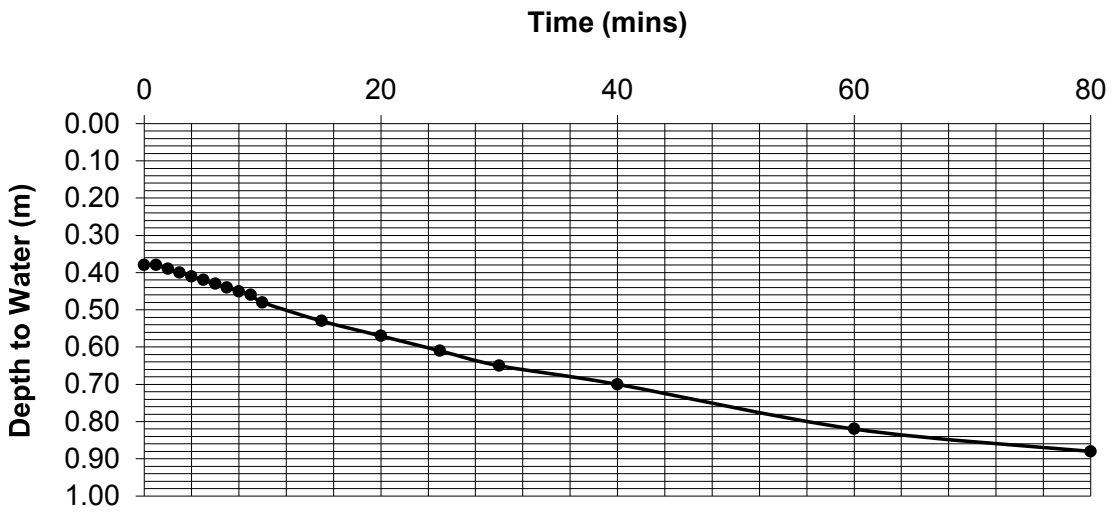
Client: FRIENDS OF HIGHGATE CEMETERY TRUST

Job Number: SE1801

SOAKAWAY TEST

Position: TP2

Test Number: 3
Date: 01/05/24



Time (min)	Depth (m)
0	0.38
1	0.38
2	0.39
3	0.40
4	0.41
5	0.42
6	0.43
7	0.44
8	0.45
9	0.46
10	0.48
15	0.53
20	0.57
25	0.61
30	0.65
40	0.70
60	0.82
80	0.88

Length of pit:	L =	1.70	m
Width of pit:	W =	0.50	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.85	m^2
100% effective depth	D100 =	0.38	m
75% effective depth	D75 =	0.54	m
50% effective depth	D50 =	0.69	m
25% effective depth	D25 =	0.85	m
time to D75	T75 =	975	sec
time to D25	T25 =	4200	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	3225	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.26	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	2.21	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = 3.69E-05 m/sec

Test Strata: See TP2 Log.

Remarks:

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Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

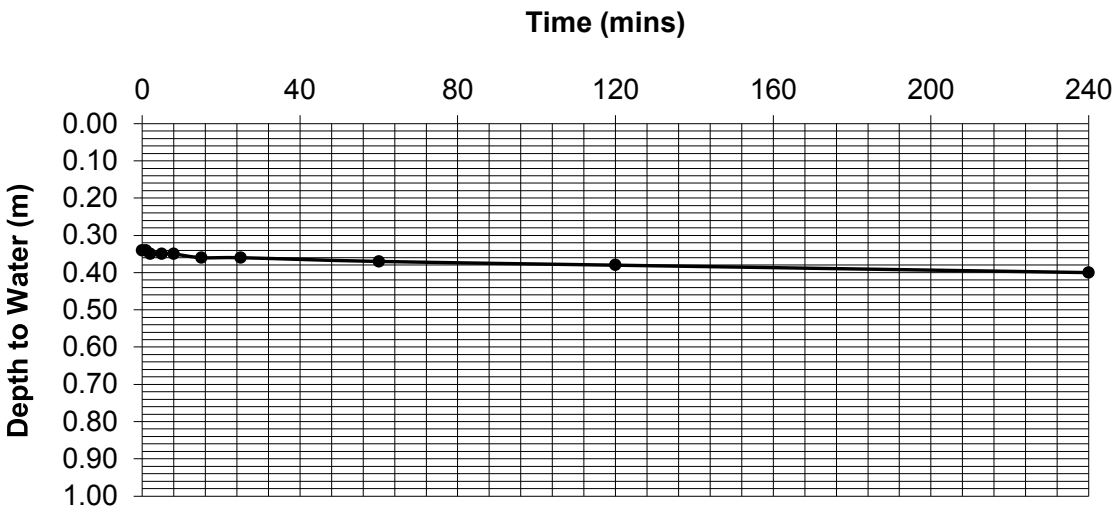
Client: FRIENDS OF HIGHGATE CEMETERY TRUST

Job Number: SE1801

SOAKAWAY TEST

Position: TP3

Test Number: 1
Date: 01/05/24



Time (min)	Depth (m)
0	0.34
1	0.34
2	0.35
5	0.35
8	0.35
15	0.36
25	0.36
60	0.37
120	0.38
240	0.40

Length of pit:	L =	1.30	m
Width of pit:	W =	0.50	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.65	m^2
100% effective depth	D100 =	0.34	m
75% effective depth	D75 =	0.51	m
50% effective depth	D50 =	0.67	m
25% effective depth	D25 =	0.84	m
time to D75	T75 =	-	sec
time to D25	T25 =	-	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	-	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.21	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	1.84	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = - m/sec *

Test Strata: See TP3 Log.

Remarks: **** Unable to calculate Soil Infiltration Rate due to low permeability of strata.***

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Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Client: FRIENDS OF HIGHGATE CEMETERY TRUST

Job Number: SE1801

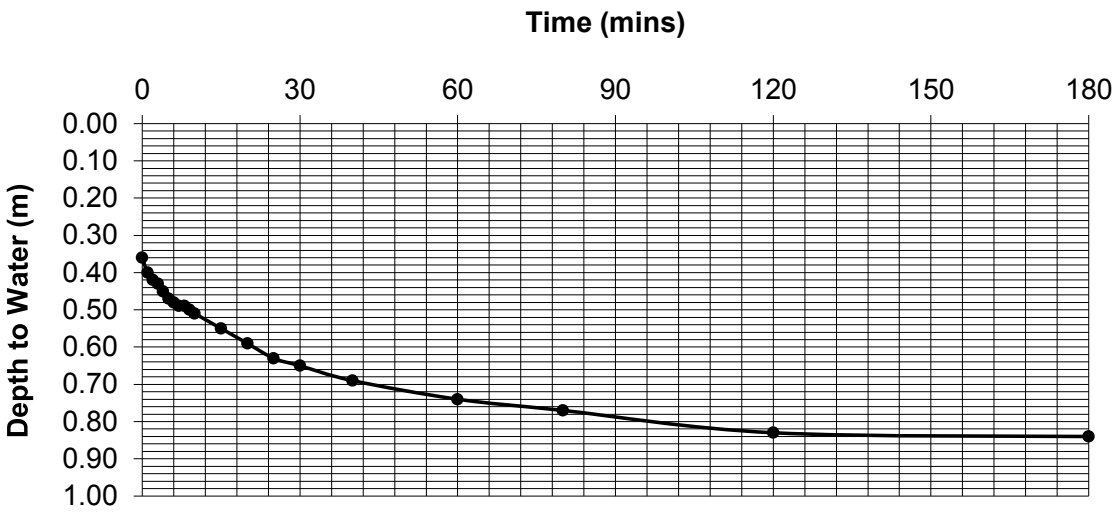
Sheet: 6 / 15

SOAKAWAY TEST

Position: TP4

Test Number: 1

Date: 02/05/24



Time (min)	Depth (m)
0	0.36
1	0.40
2	0.42
3	0.43
4	0.45
5	0.47
6	0.48
7	0.49
8	0.49
9	0.50
10	0.51
15	0.55
20	0.59
25	0.63
30	0.65
40	0.69
60	0.74
80	0.77
120	0.83
180	0.84

Length of pit:	L =	1.30	m
Width of pit:	W =	0.50	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.65	m^2
100% effective depth	D100 =	0.36	m
75% effective depth	D75 =	0.52	m
50% effective depth	D50 =	0.68	m
25% effective depth	D25 =	0.84	m
time to D75	T75 =	675	sec
time to D25	T25 =	10800	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	10125	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.21	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	1.80	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = 1.14E-05 m/sec

Test Strata: See TP4 Log.

Remarks:

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Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Client: FRIENDS OF HIGHGATE CEMETERY TRUST

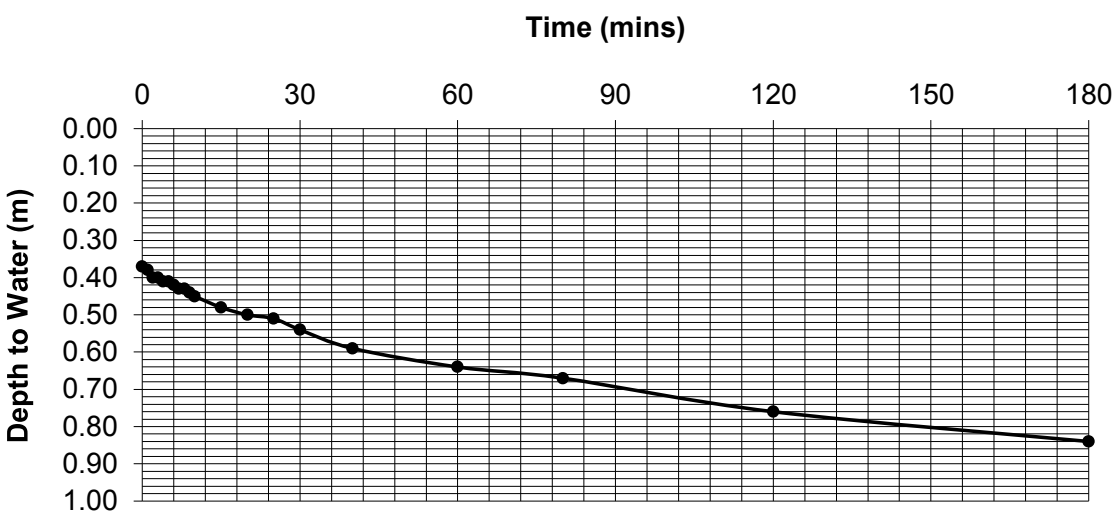
Job Number: SE1801

SOAKAWAY TEST

Position: TP4

Test Number: 2

Date: 02/05/24



Time (min)	Depth (m)
0	0.37
1	0.38
2	0.40
3	0.40
4	0.41
5	0.41
6	0.42
7	0.43
8	0.43
9	0.44
10	0.45
15	0.48
20	0.50
25	0.51
30	0.54
40	0.59
60	0.64
80	0.67
120	0.76
180	0.84

Length of pit:	L =	1.30	m
Width of pit:	W =	0.50	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.65	m^2
100% effective depth	D100 =	0.37	m
75% effective depth	D75 =	0.53	m
50% effective depth	D50 =	0.69	m
25% effective depth	D25 =	0.84	m
time to D75	T75 =	1700	sec
time to D25	T25 =	10800	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	9100	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.20	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	1.78	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = 1.26E-05 m/sec

Test Strata: See TP4 Log.

Remarks:

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Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Client: FRIENDS OF HIGHGATE CEMETERY TRUST

Job Number: SE1801

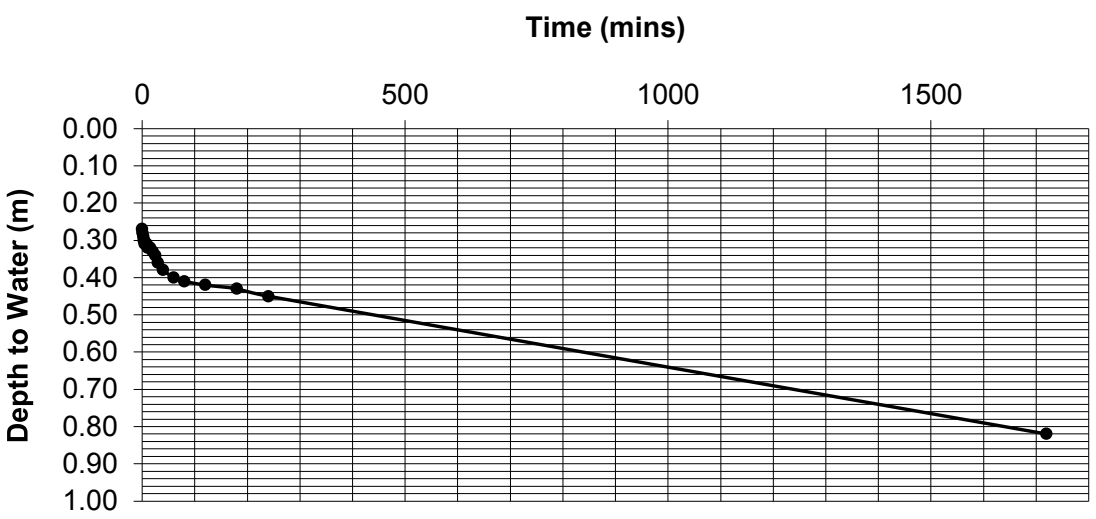
Sheet: 8 / 15

SOAKAWAY TEST

Position: TP5

Test Number: 1

Date: 02/05/24



Time (min)	Depth (m)
0	0.27
1	0.28
2	0.29
3	0.30
4	0.30
5	0.31
6	0.31
7	0.31
8	0.31
9	0.31
10	0.32
15	0.32
20	0.33
25	0.34
30	0.36
40	0.38
60	0.40
80	0.41
120	0.42
180	0.43
240	0.45
1720	***0.82*** *

Length of pit:	L =	0.30	m
Width of pit:	W =	0.30	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.09	m^2
100% effective depth	D100 =	0.27	m
75% effective depth	D75 =	0.45	m
50% effective depth	D50 =	0.64	m
25% effective depth	D25 =	0.82	m
time to D75	T75 =	14400	sec
time to D25	T25 =	103200	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	88800	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.03	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	0.53	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = 7.01E-07 m/sec

Test Strata: See TP5 Log.

Remarks: **** Value extrapolated to obtain Soil Infiltration Rate.***
Note that the hole was hand excavated resulting in a reduced size test hole.

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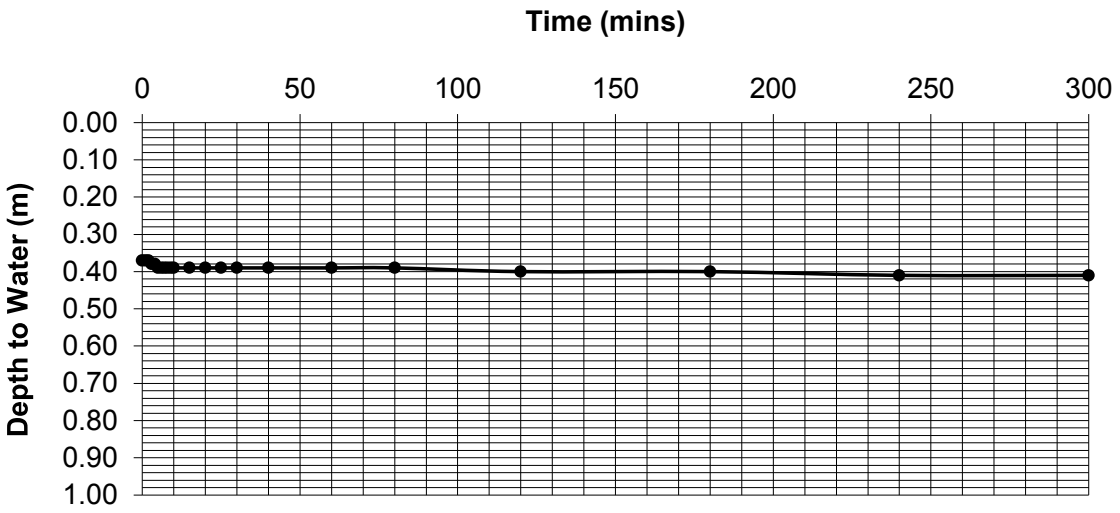
Client: FRIENDS OF HIGHGATE CEMETERY TRUST

Job Number: SE1801

SOAKAWAY TEST

Position: TP6

Test Number: 1
Date: 29/04/24



Time (min)	Depth (m)
0	0.37
1	0.37
2	0.37
3	0.38
4	0.38
5	0.39
6	0.39
7	0.39
8	0.39
9	0.39
10	0.39
15	0.39
20	0.39
25	0.39
30	0.39
40	0.39
60	0.39
80	0.39
120	0.40
180	0.40
240	0.41
300	0.41

Length of pit:	L =	1.10	m
Width of pit:	W =	0.50	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.55	m^2
100% effective depth	D100 =	0.37	m
75% effective depth	D75 =	0.53	m
50% effective depth	D50 =	0.69	m
25% effective depth	D25 =	0.84	m
time to D75	T75 =	-	sec
time to D25	T25 =	-	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	-	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.17	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	1.56	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = - m/sec *

Test Strata: See TP6 Log.

Remarks: **** Unable to calculate Soil Infiltration Rate due to low permeability of strata.***

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Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Client: FRIENDS OF HIGHGATE CEMETERY TRUST

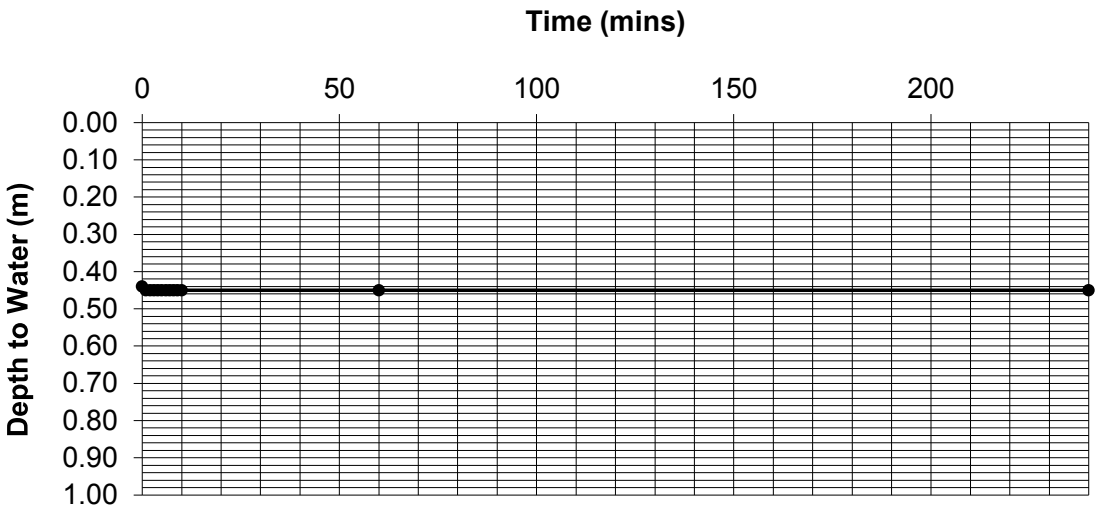
Job Number: SE1801

Sheet: 10 / 15

SOAKAWAY TEST

Position: TP7

Test Number: 1
Date: 29/04/24



Time (min)	Depth (m)
0	0.44
1	0.45
2	0.45
3	0.45
4	0.45
5	0.45
6	0.45
7	0.45
8	0.45
9	0.45
10	0.45
60	0.45
240	0.45

Length of pit:	L =	1.20	m
Width of pit:	W =	0.50	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.60	m^2
100% effective depth	D100 =	0.44	m
75% effective depth	D75 =	0.58	m
50% effective depth	D50 =	0.72	m
25% effective depth	D25 =	0.86	m
time to D75	T75 =	-	sec
time to D25	T25 =	-	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	-	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.17	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	1.55	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = - m/sec *

Test Strata: See TP7 Log.

Remarks: **** Unable to calculate Soil Infiltration Rate due to low permeability of strata.***

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Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Client: FRIENDS OF HIGHGATE CEMETERY TRUST

Job Number: SE1801

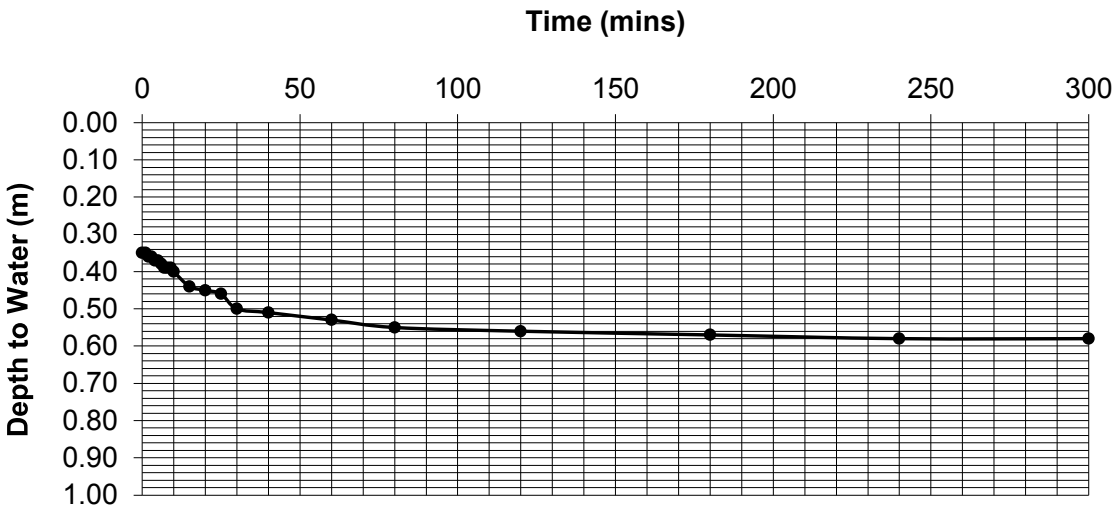
Sheet: 11 / 15

SOAKAWAY TEST

Position: TP8

Test Number: 1

Date: 29/04/24



Time (min)	Depth (m)
0	0.35
1	0.35
2	0.36
3	0.36
4	0.37
5	0.37
6	0.38
7	0.39
8	0.39
9	0.39
10	0.40
15	0.44
20	0.45
25	0.46
30	0.50
40	0.51
60	0.53
80	0.55
120	0.56
180	0.57
240	0.58
300	0.58

Length of pit:	L =	0.25	m
Width of pit:	W =	0.25	m
Depth of pit	D =	0.95	m
Base area of pit:	A =	0.06	m^2
100% effective depth	D100 =	0.35	m
75% effective depth	D75 =	0.50	m
50% effective depth	D50 =	0.65	m
25% effective depth	D25 =	0.80	m
time to D75	T75 =	1800	sec
time to D25	T25 =	-	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	-	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.02	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	0.36	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = - m/sec *

Test Strata: See TP8 Log.

Remarks: **** Unable to calculate Soil Infiltration Rate due to low permeability of strata and groundwater inflow at 0.80m.***
Note that the hole was hand excavated resulting in a reduced size test hole.

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Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Client: FRIENDS OF HIGHGATE CEMETERY TRUST

Job Number: SE1801

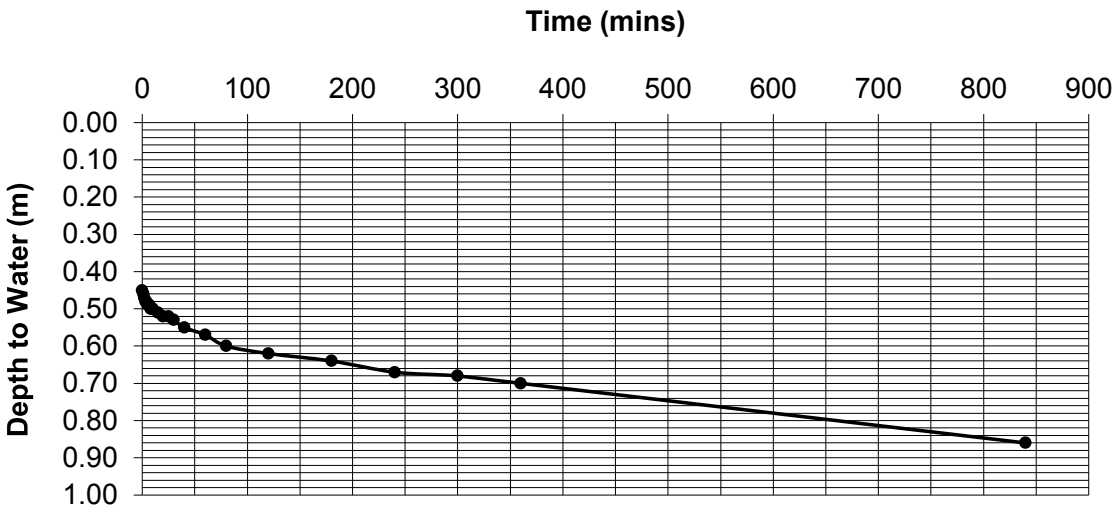
Sheet: 12 / 15

SOAKAWAY TEST

Position: TP9

Test Number: 1

Date: 30/04/24



Length of pit:	L =	1.40	m
Width of pit:	W =	0.50	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.70	m^2
100% effective depth	D100 =	0.45	m
75% effective depth	D75 =	0.59	m
50% effective depth	D50 =	0.73	m
25% effective depth	D25 =	0.86	m
time to D75	T75 =	4400	sec
time to D25	T25 =	50400	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	46000	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.19	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	1.75	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = 2.40E-06 m/sec

Time (min)	Depth (m)	
0	0.45	
1	0.46	
2	0.47	
3	0.48	
4	0.48	
5	0.49	
6	0.49	
7	0.49	
8	0.50	
9	0.50	
10	0.50	
15	0.51	
20	0.52	
25	0.52	
30	0.53	
40	0.55	
60	0.57	
80	0.60	
120	0.62	
180	0.64	
240	0.67	
300	0.68	
360	0.70	
840	***0.86***	*

Test Strata: See TP9 Log.

Remarks: **** Value extrapolated to obtain Soil Infiltration Rate.***

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Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Client: FRIENDS OF HIGHGATE CEMETERY TRUST

Job Number: SE1801

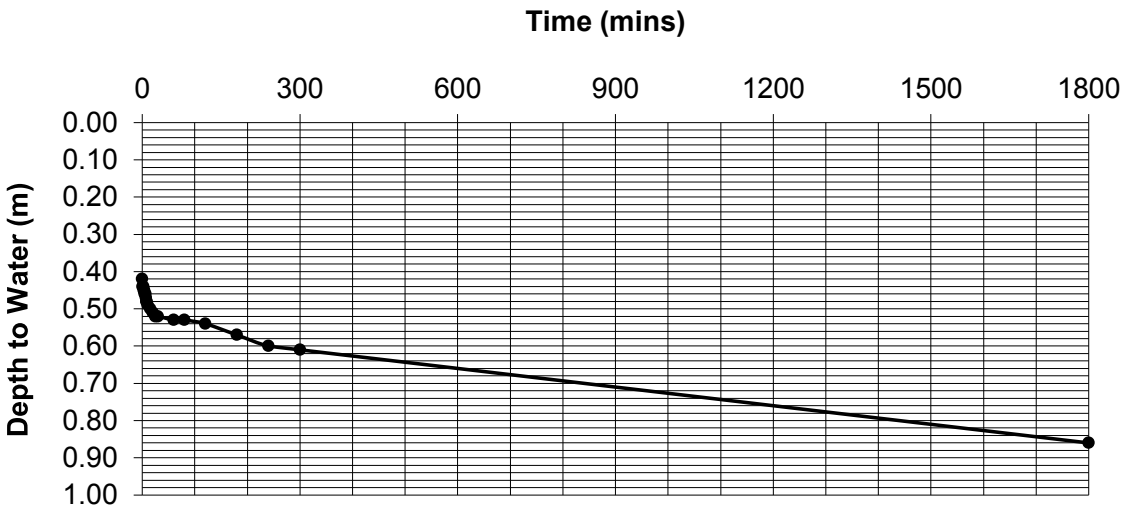
Sheet: 13 / 15

SOAKAWAY TEST

Position: TP10

Test Number: 1

Date: 30/04/24



Length of pit:	L =	1.20	m
Width of pit:	W =	0.50	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.60	m^2
100% effective depth	D100 =	0.42	m
75% effective depth	D75 =	0.57	m
50% effective depth	D50 =	0.71	m
25% effective depth	D25 =	0.86	m
time to D75	T75 =	10800	sec
time to D25	T25 =	108000	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	97200	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.17	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	1.59	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = 1.13E-06 m/sec

Time (min)	Depth (m)	
0	0.42	
1	0.44	
2	0.44	
3	0.45	
4	0.45	
5	0.46	
6	0.46	
7	0.47	
8	0.48	
9	0.48	
10	0.49	
15	0.50	
20	0.51	
25	0.52	
30	0.52	
60	0.53	
80	0.53	
120	0.54	
180	0.57	
240	0.60	
300	0.61	
1800	***0.86***	*

Test Strata: See TP10 Log.

Remarks: **** Value extrapolated to obtain Soil Infiltration Rate.***

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Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

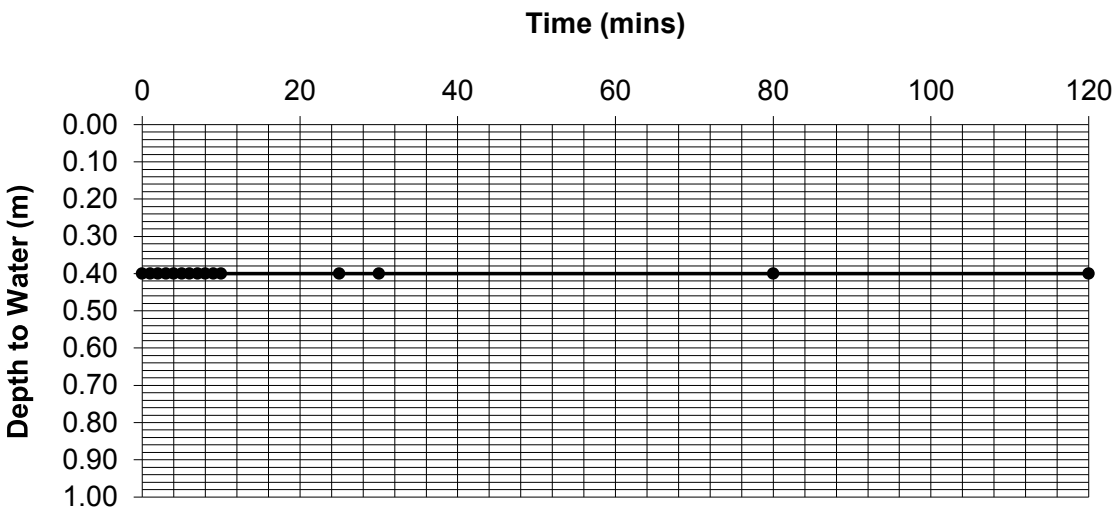
Client: FRIENDS OF HIGHGATE CEMETERY TRUST

Job Number: SE1801

SOAKAWAY TEST

Position: TP11

Test Number: 1
Date: 03/05/24



Time (min)	Depth (m)
0	0.40
1	0.40
2	0.40
3	0.40
4	0.40
5	0.40
6	0.40
7	0.40
8	0.40
9	0.40
10	0.40
25	0.40
30	0.40
80	0.40
120	0.40

Length of pit:	L =	1.20	m
Width of pit:	W =	0.50	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.60	m^2
100% effective depth	D100 =	0.40	m
75% effective depth	D75 =	0.55	m
50% effective depth	D50 =	0.70	m
25% effective depth	D25 =	0.85	m
time to D75	T75 =	-	sec
time to D25	T25 =	-	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	-	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.18	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	1.62	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = - m/sec *

Test Strata: See TP11 Log.

Remarks: **** Unable to calculate Soil Infiltration Rate due to low permeability of strata.***

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Insitu Test Results

Site: HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Client: FRIENDS OF HIGHGATE CEMETERY TRUST

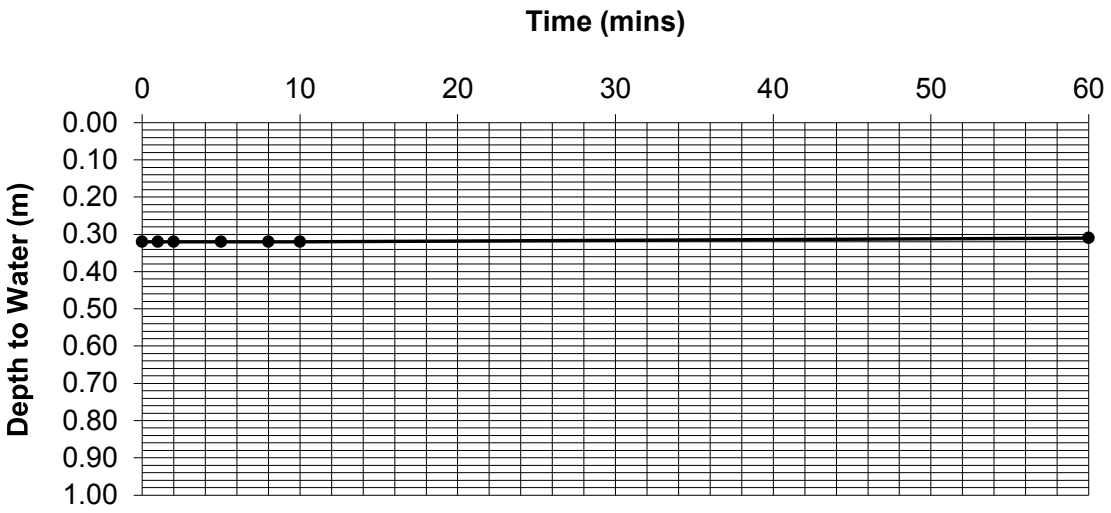
Job Number: SE1801

Sheet: 15 / 15

SOAKAWAY TEST

Position: TP12

Test Number: 1
Date: 30/04/24



Time (min)	Depth (m)
0	0.32
1	0.32
2	0.32
5	0.32
8	0.32
10	0.32
60	0.31

Length of pit:	L =	1.20	m
Width of pit:	W =	0.50	m
Depth of pit	D =	1.00	m
Base area of pit:	A =	0.60	m^2
100% effective depth	D100 =	0.32	m
75% effective depth	D75 =	0.49	m
50% effective depth	D50 =	0.66	m
25% effective depth	D25 =	0.83	m
time to D75	T75 =	-	sec
time to D25	T25 =	-	sec
time from D75 to D25 (T25 - T75)	t_{p75-25} =	-	sec
volume between D75 & D25 (A x (D25 - D75))	V_{p75-25} =	0.20	m^3
surface area to D50 inc. base ((2x(D-D50)x(W+L)) + A)	a_{p50} =	1.76	m^2

SOIL INFILTRATION RATE **f =** $\frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$

f = - m/sec *

Test Strata: See TP12 Log.

Remarks: **** Unable to calculate Soil Infiltration Rate due to low permeability of strata.***

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Excavation Method MECHANICAL EXCAVATOR	**Dimensions** 0.50m x 1.60m	**Ground Level (mOD)**	**Client** FRIENDS OF HIGHGATE CEMETERY TRUST	**Job Number** SE1801
	Location AS PLAN	**Dates** 01/05/2024	**Engineer**	**Sheet** 1/1

Site
HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Trial Pit Number
TP01

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.20) 0.20	MADE GROUND: topsoil.		
					(0.80)	MADE GROUND: gravelly sandy silty clay. Gravel sized fragments are brick.		
			01/05/2024:DRY		1.00	Complete at 1.00m		

Plan

Remarks

Pit sides remained vertical and stable.
No groundwater encountered.
On completion backfilled with arisings.

Scale (approx)	Logged By	Figure No.
1:25	JM/HB	SE1801.TP01

SUB SURFACE

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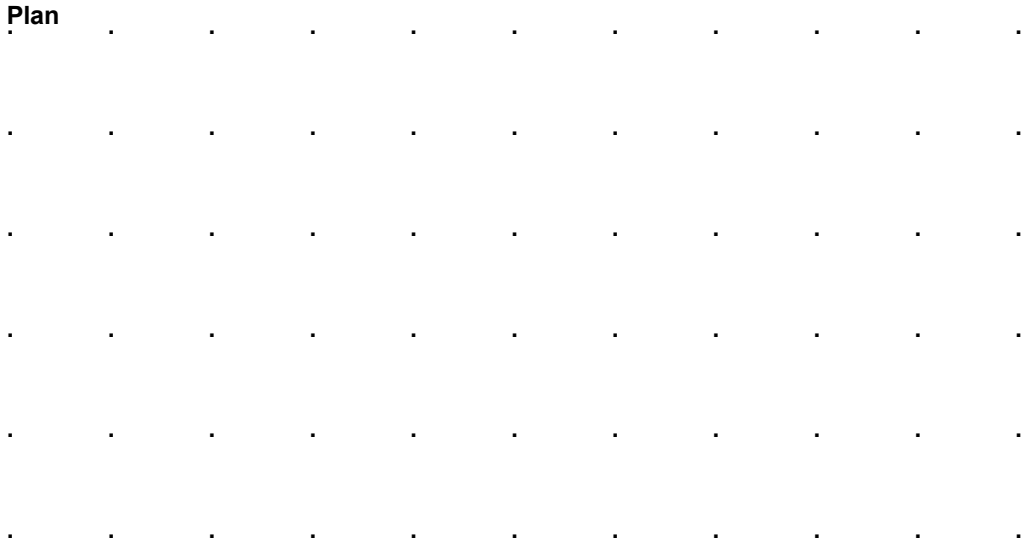
Site HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ			**Trial Pit Number** TP02
Excavation Method MECHANICAL EXCAVATOR	**Dimensions** 0.50m x 1.70m	**Ground Level (mOD)**	**Client** FRIENDS OF HIGHGATE CEMETERY TRUST	**Job Number** SE1801
	Location AS PLAN	**Dates** 01/05/2024	**Engineer**	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.30) 0.30	MADE GROUND: topsoil.		
					(0.70)	MADE GROUND: sandy silty clay (reworked).		
			01/05/2024:DRY		1.00	Complete at 1.00m		

Plan



Remarks

Pit sides remained vertical and stable.
No groundwater encountered.
On completion backfilled with arisings.

Scale (approx)	Logged By	Figure No.
1:25	JM/HB	SE1801.TP02

SUB SURFACE

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Site HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ				**Trial Pit Number** TP03
Excavation Method MECHANICAL EXCAVATOR	**Dimensions** 0.50m x 1.30m	**Ground Level (mOD)**	**Client** FRIENDS OF HIGHGATE CEMETERY TRUST	**Job Number** SE1801
	Location AS PLAN	**Dates** 01/05/2024	**Engineer**	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.30) 0.30	MADE GROUND: topsoil.		
					(0.70)	MADE GROUND: gravelly sandy silty clay. Gravel sized fragments are flint.		
			01/05/2024:DRY		1.00	Complete at 1.00m		

Plan

Remarks

Pit sides remained vertical and stable.
No groundwater encountered.
On completion backfilled with arisings.

Scale (approx)	Logged By	Figure No.
1:25	JM/HB	SE1801.TP03

SUB SURFACE

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Site HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ			**Trial Pit Number** TP04
Excavation Method MECHANICAL EXCAVATOR	**Dimensions** 0.50m x 1.30m	**Ground Level (mOD)**	**Client** FRIENDS OF HIGHGATE CEMETERY TRUST	**Job Number** SE1801
	Location AS PLAN	**Dates** 02/05/2024	**Engineer**	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.10) 0.10	MADE GROUND: topsoil.		
						MADE GROUND: subsoil.		
					(0.30) 0.40	Gravelly sandy silty CLAY.		
			02/05/2024:DRY		(0.60) 1.00	Complete at 1.00m		

Plan

Remarks

Pit sides remained vertical and stable.
No groundwater encountered.
On completion backfilled with arisings.

Scale (approx)	Logged By	Figure No.
1:25	JM/HB	SE1801.TP04

SUB SURFACE

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Excavation Method HAND EXCAVATED	**Dimensions** 0.30m x 0.30m	**Ground Level (mOD)**	**Client** FRIENDS OF HIGHGATE CEMETERY TRUST	**Job Number** SE1801
	Location AS PLAN	**Dates** 02/05/2024	**Engineer**	**Sheet** 1/1

Site
HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Trial Pit Number
TP05

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.20) 0.20	MADE GROUND: topsoil.		
					(0.80)	Sandy silty CLAY with occasional roots.		
			02/05/2024:DRY		1.00	Complete at 1.00m		

Plan

Remarks

Pit sides remained vertical and stable.
No groundwater encountered.
On completion backfilled with arisings.

Scale (approx)	Logged By	Figure No.
1:25	JM/HB	SE1801.TP05

SUB SURFACE

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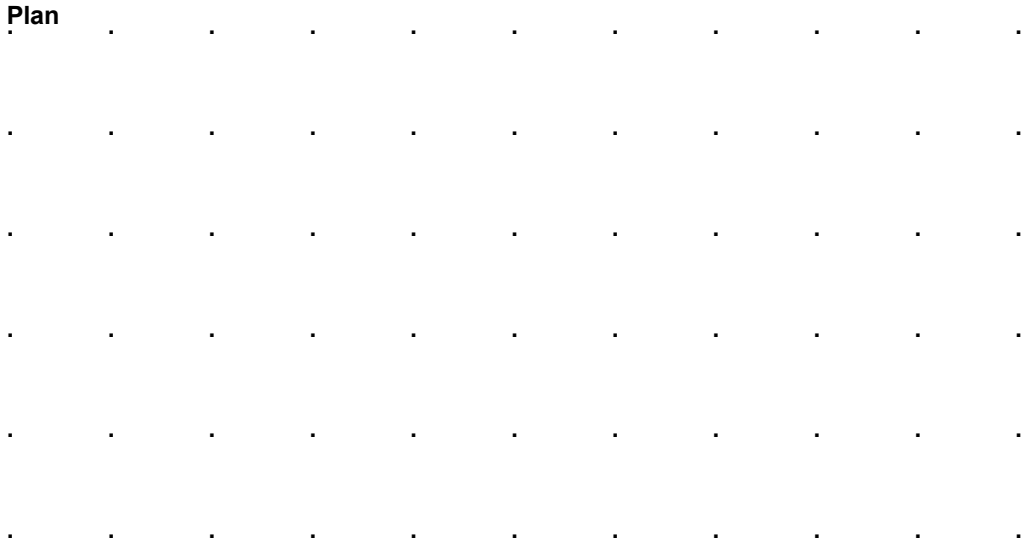
Site HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ			**Trial Pit Number** TP06
Excavation Method MECHANICAL EXCAVATOR	**Dimensions** 1.10m x 0.50m	**Ground Level (mOD)**	**Client** FRIENDS OF HIGHGATE CEMETERY TRUST	**Job Number** SE1801
	Location AS PLAN	**Dates** 29/04/2024	**Engineer**	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.40)	MADE GROUND: topsoil.		
					0.40			
					(0.60)	Light brown sandy silty CLAY with occasional roots.		
			29/04/2024:DRY		1.00	Complete at 1.00m		

Plan



Remarks

Pit sides remained vertical and stable.
No groundwater encountered.
On completion backfilled with arisings.

Scale (approx)	Logged By	Figure No.
1:25	JM/HB	SE1801.TP06

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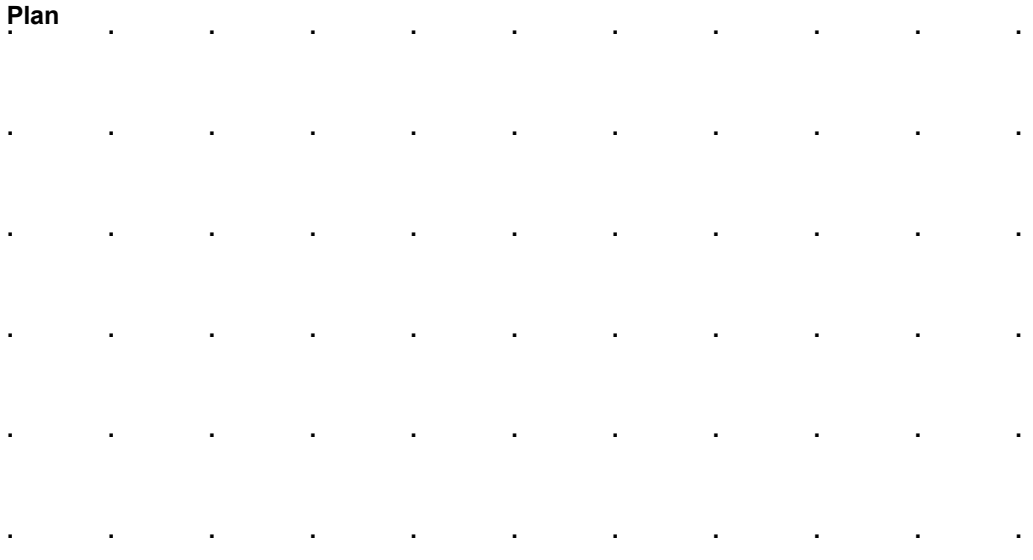
Excavation Method MECHANICAL EXCAVATOR	**Dimensions** 0.50m x 1.20m	**Ground Level (mOD)**	**Client** FRIENDS OF HIGHGATE CEMETERY TRUST	**Job Number** SE1801
	Location AS PLAN	**Dates** 29/04/2024	**Engineer**	**Sheet** 1/1

Site
HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Trial Pit Number
TP07

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.40)	MADE GROUND: topsoil.		
					0.40			
					(0.60)	MADE GROUND: soft to firm brown slightly gravelly slightly sandy silty clay. Gravel sized fragments are brick.		
			29/04/2024:DRY		1.00			
						Complete at 1.00m		

Plan



Remarks

Pit sides remained vertical and stable.
No groundwater encountered.
On completion backfilled with arisings.

Scale (approx)	Logged By	Figure No.
1:25	JM/HB	SE1801.TP07

SUB SURFACE

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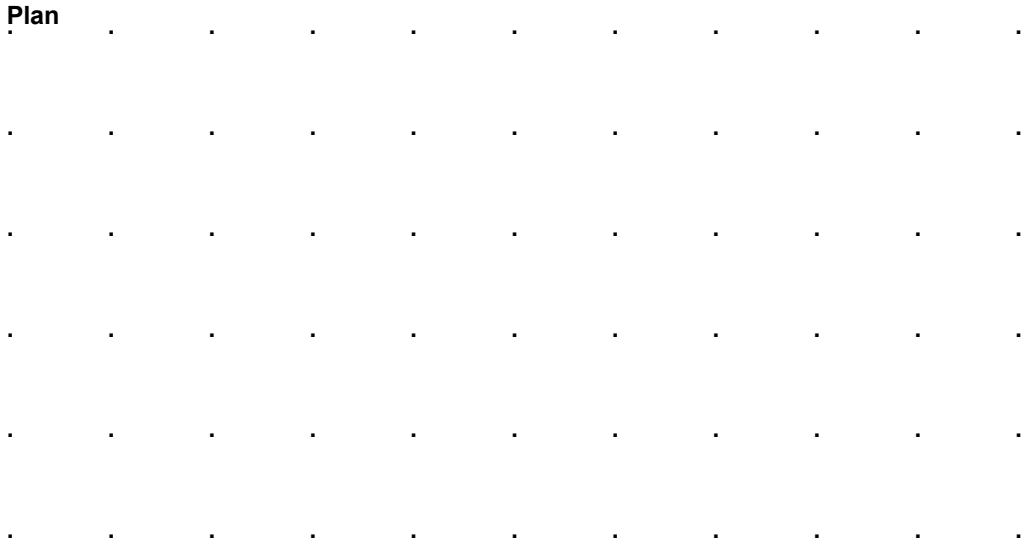
Site HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ			**Trial Pit Number** TP08
Excavation Method HAND EXCAVATED	**Dimensions** 0.25m x 0.25m	**Ground Level (mOD)**	**Client** FRIENDS OF HIGHGATE CEMETERY TRUST	**Job Number** SE1801
	Location AS PLAN	**Dates** 29/04/2024	**Engineer**	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.35)	MADE GROUND: grass over slightly gravelly topsoil. Gravel sized fragments are stone.		
					0.35			
					(0.60)	MADE GROUND: soft orangish brown slightly gravelly sandy silty clay. Gravel sized fragments are brick and stone.		▽1
			Water inflow(1) at 0.80m.					
			29/04/2024:		0.95	Complete at 0.95m		

Plan



Remarks

Pit sides remained vertical and stable.
Groundwater inflow at 0.80 metres.
On completion backfilled with arisings.

Scale (approx)	Logged By	Figure No.
1:25	JM/HB	SE1801.TP08

SUB SURFACE

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Excavation Method MECHANICAL EXCAVATOR	**Dimensions** 0.50m x 1.40m	**Ground Level (mOD)**	**Client** FRIENDS OF HIGHGATE CEMETERY TRUST	**Job Number** SE1801
	Location AS PLAN	**Dates** 30/04/2024	**Engineer**	**Sheet** 1/1

Site
HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ

Trial Pit Number
TP09

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.30) 0.30	MADE GROUND: topsoil.		
					(0.70)	MADE GROUND: silty clay (reworked).		
			30/04/2024:DRY		1.00	Complete at 1.00m		

Plan

Remarks

Pit sides remained vertical and stable.
No groundwater encountered.
On completion backfilled with arisings.

Scale (approx)	Logged By	Figure No.
1:25	JM/HB	SE1801.TP09

SUB SURFACE

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Site	Trial Pit Number
HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ	TP10

Excavation Method	Dimensions	Ground Level (mOD)	Client	Job Number
MECHANICAL EXCAVATOR	0.50m x 1.20m		FRIENDS OF HIGHGATE CEMETERY TRUST	SE1801
	Location AS PLAN	**Dates** 30/04/2024	**Engineer**	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.65)	MADE GROUND: topsoil.		
					0.65			
					(0.35)	MADE GROUND: silty clay with cobble sized fragments of stone.		
			30/04/2024:DRY		1.00	Complete at 1.00m		

Plan

Remarks

Pit sides remained vertical and stable.
No groundwater encountered.
On completion backfilled with arisings.

Scale (approx)	Logged By	Figure No.
1:25	JM/HB	SE1801.TP10

SUB SURFACE

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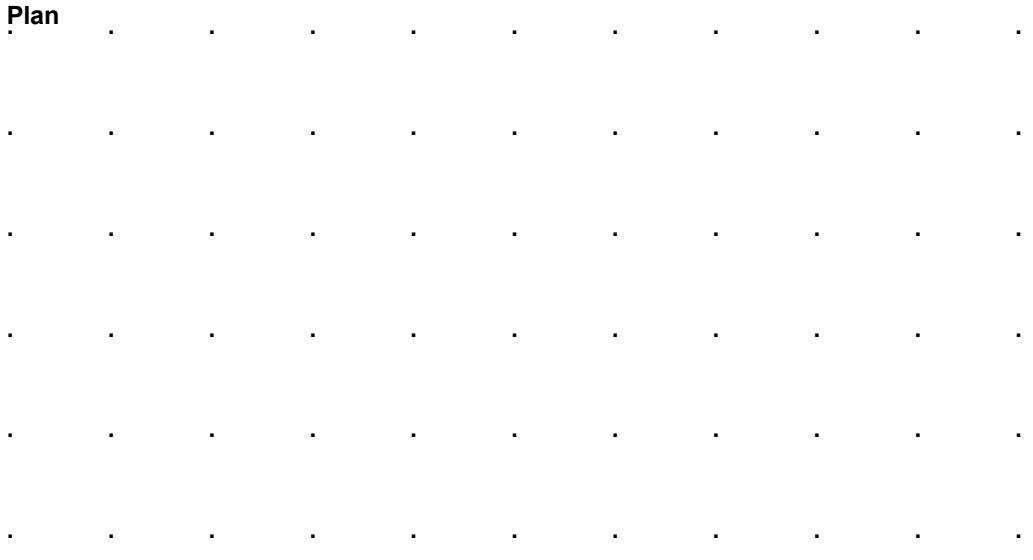
Site HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ				**Trial Pit Number** TP11
Excavation Method MECHANICAL EXCAVATOR	**Dimensions** 0.50m x 1.20m	**Ground Level (mOD)**	**Client** FRIENDS OF HIGHGATE CEMETERY TRUST	**Job Number** SE1801
	Location AS PLAN	**Dates** 03/05/2024	**Engineer**	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.20) 0.20	MADE GROUND: grass over sandy topsoil.		
					(0.20) 0.40	MADE GROUND: greyish brown sandy clayey subsoil.		
			03/05/2024:DRY		(0.60) 1.00	Firm orangish brown and grey mottled silty CLAY (London Clay)		
						Complete at 1.00m		

Plan



Remarks

Pit sides remained vertical and stable.
No groundwater encountered.
On completion backfilled with arisings.

Scale (approx)	Logged By	Figure No.
1:25	JM/HB	SE1801.TP11

SUB SURFACE

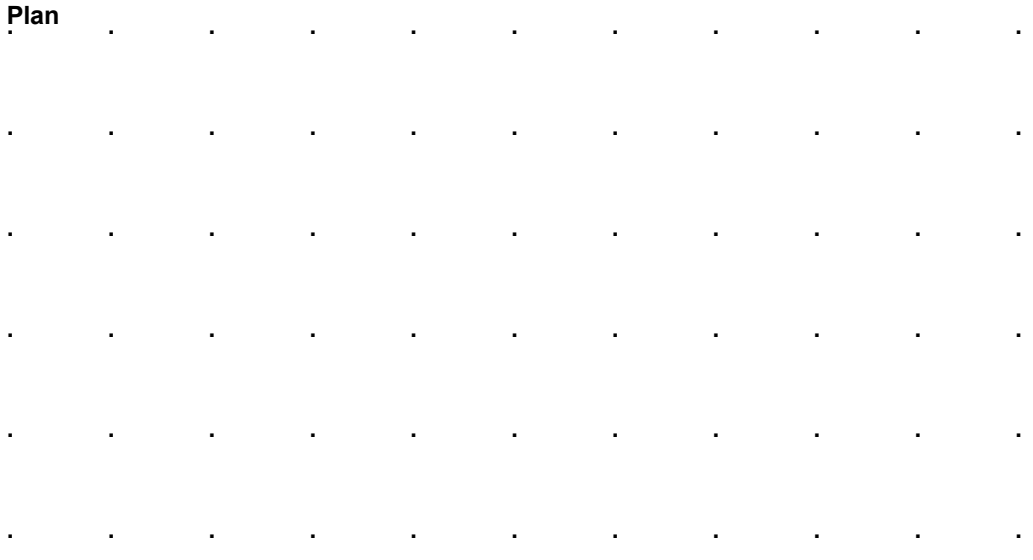
SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS
3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907

Site	Trial Pit Number
HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ	TP12

Excavation Method	Dimensions	Ground Level (mOD)	Client	Job Number
MECHANICAL EXCAVATOR	0.50m x 1.20m		FRIENDS OF HIGHGATE CEMETERY TRUST	SE1801
	Location AS PLAN	**Dates** 30/04/2024	**Engineer**	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.65)	MADE GROUND: topsoil.		
					0.65			
					(0.35)	Silty CLAY.		
			30/04/2024:DRY		1.00	Complete at 1.00m		

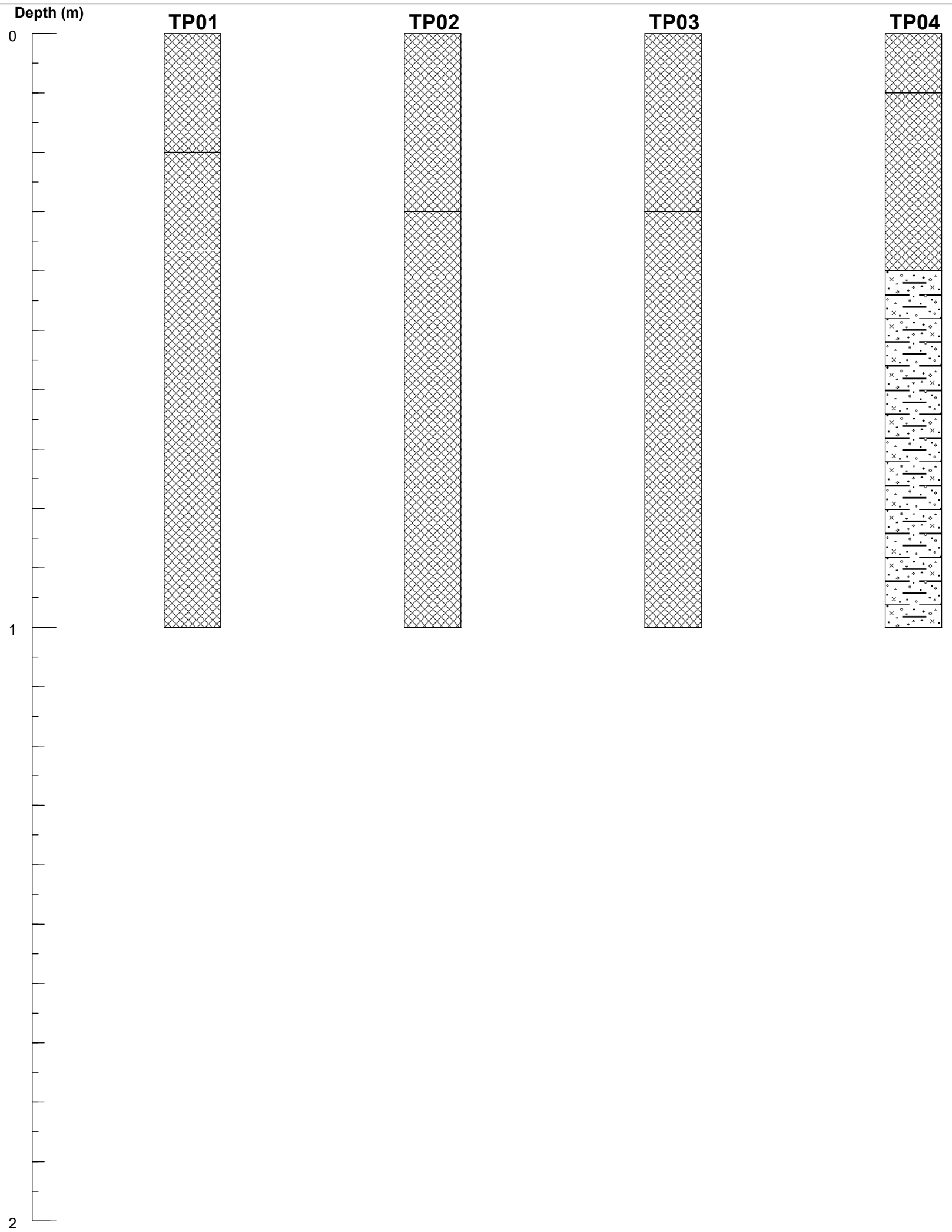
Plan



Remarks

Pit sides remained vertical and stable.
No groundwater encountered.
On completion backfilled with arisings.

Scale (approx)	Logged By	Figure No.
1:25	JM/HB	SE1801.TP12



Key

- Groundwater Strike
- Strike Rise Level
- MADE GROUND
- Silty sandy gravelly CLAY
- Silty CLAY
- Silty sandy CLAY

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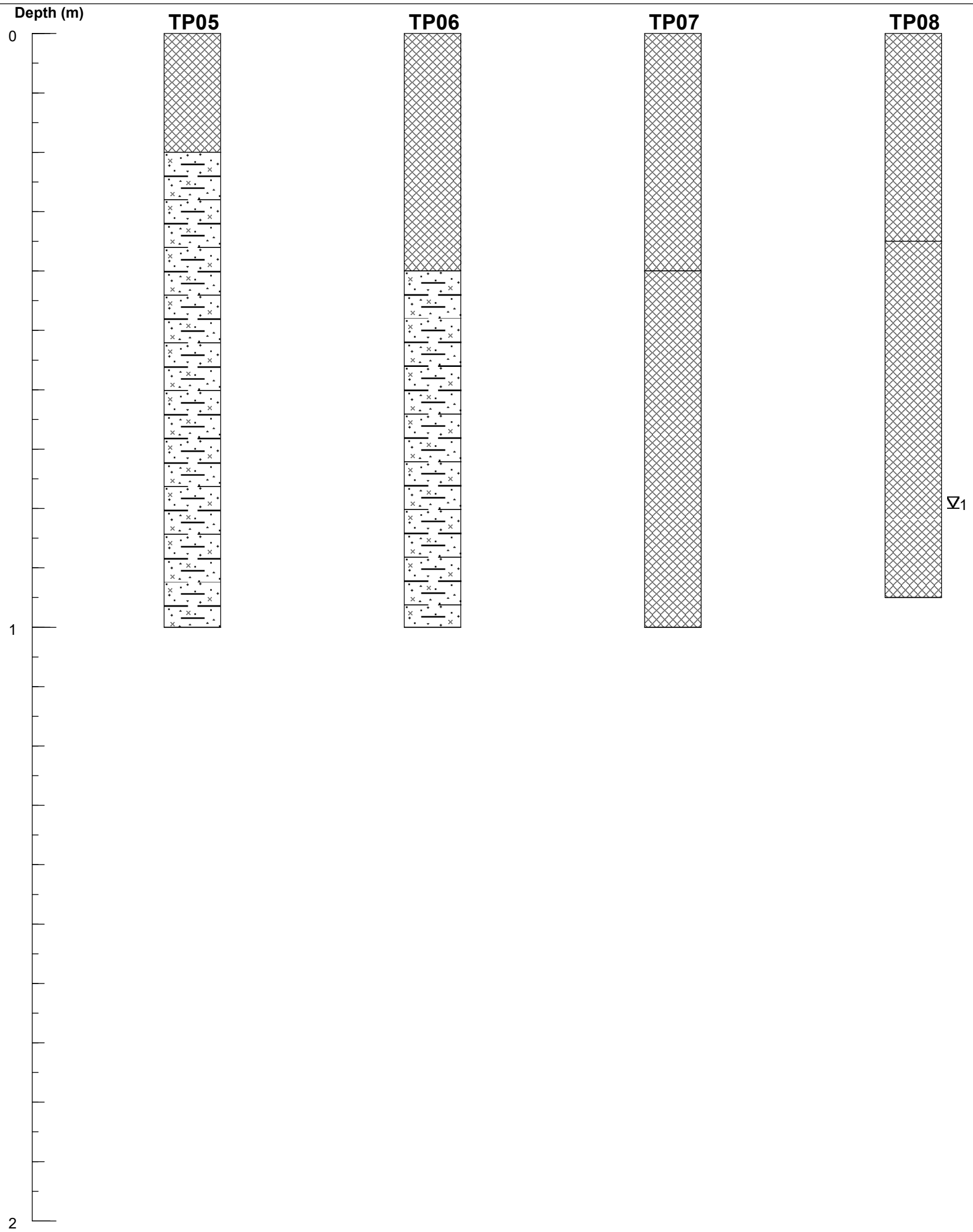
Nominal Section

Site	Date Drawn	Date Checked	Sheet	Job Number
HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ	21/05/2024		1/3	SE1801
Client	**Drawn By**	**Checked By**	**Scale**	**Figure No.**
FRIENDS OF HIGHGATE CEMETERY TRUST			1:10[V]	SE1801



Key

- ▽ Groundwater Strike
- ▼ Strike Rise Level
- MADE GROUND
- Silty sandy gravelly CLAY
- Silty CLAY
- Silty sandy CLAY

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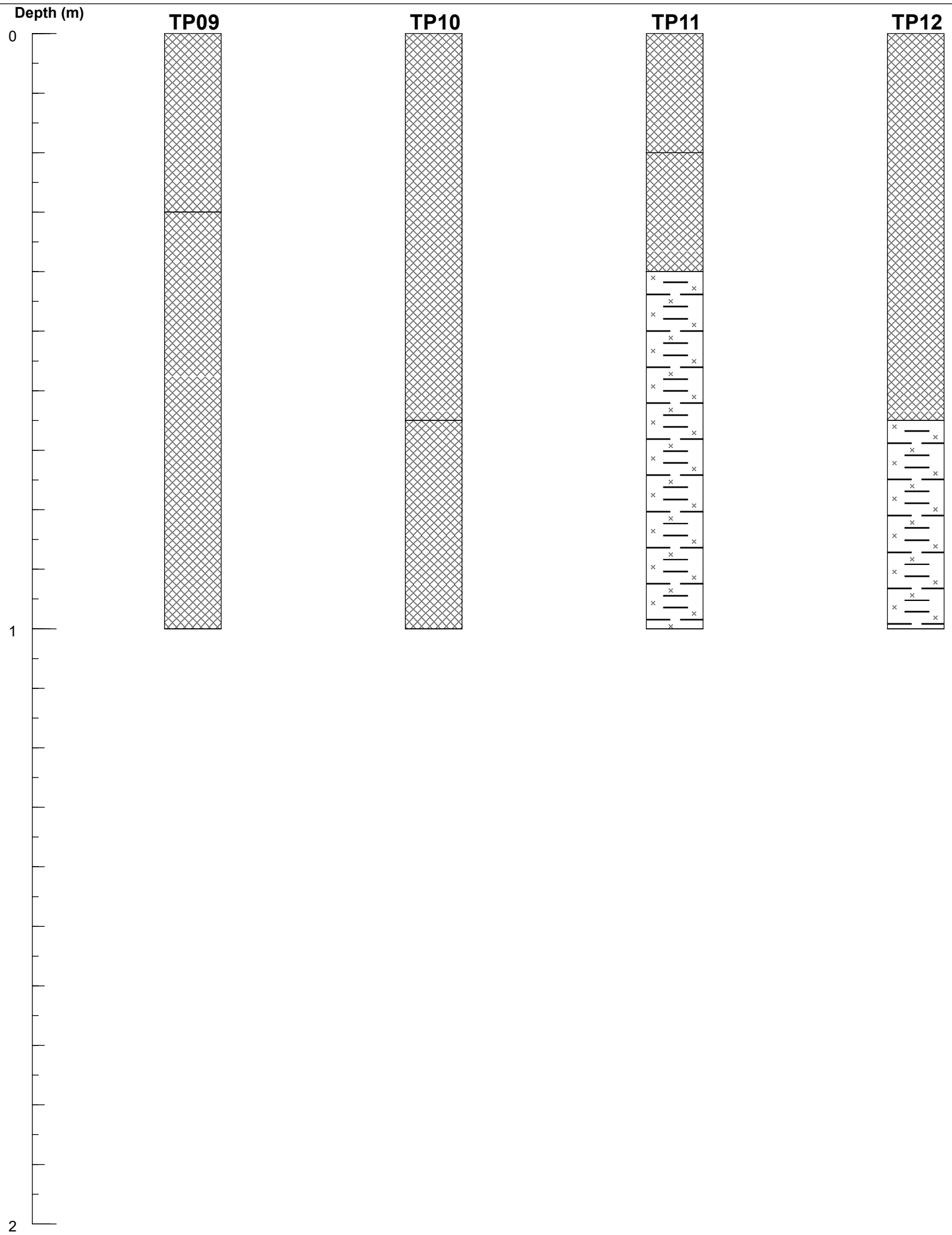
Nominal Section

Site	Date Drawn	Date Checked	Sheet	Job Number
HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ	21/05/2024		2/3	SE1801
Client	**Drawn By**	**Checked By**	**Scale**	**Figure No.**
FRIENDS OF HIGHGATE CEMETERY TRUST			1:10[V]	SE1801



Key

- Groundwater Strike
- Strike Rise Level
- MADE GROUND
- Silty sandy gravelly CLAY
- Silty CLAY
- Silty sandy CLAY

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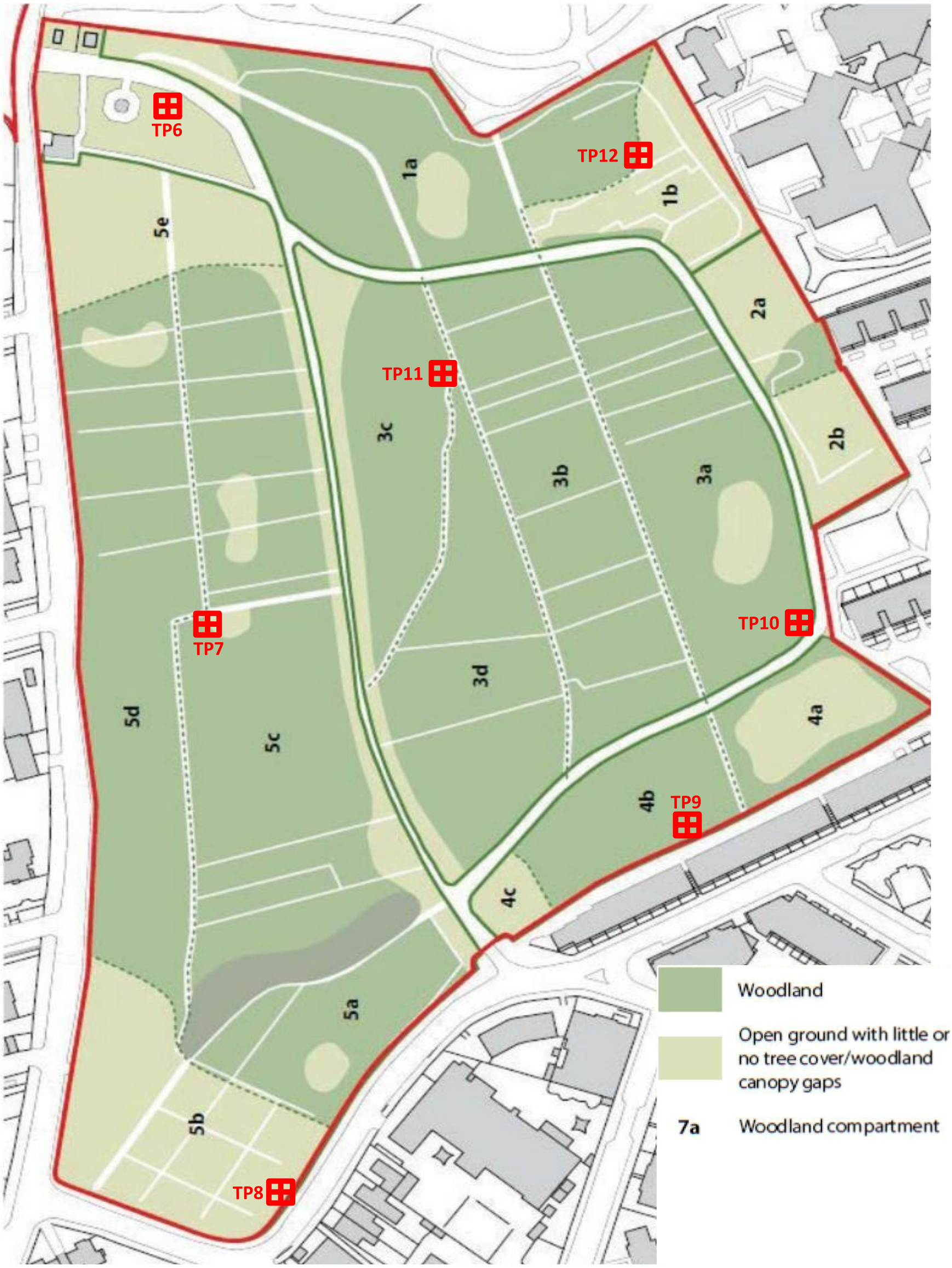
Nominal Section

Site	Date Drawn	Date Checked	Sheet	Job Number
HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ	21/05/2024		3/3	SE1801
Client	**Drawn By**	**Checked By**	**Scale**	**Figure No.**
FRIENDS OF HIGHGATE CEMETERY TRUST			1:10[V]	SE1801

SUB SURFACE SITE INVESTIGATION AND SPECIALIST GEOTECHNICAL CONSULTANTS 3 Peel Street, Preston, PR2 2QS. Tel. (01772) 561135 Fax (01772) 204907	West Cemetery Soakaway Location Plan			
Site HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ	Date Drawn 17/05/2024	Date Checked –	Orientation N	Job No. SE1801
Client FRIENDS OF HIGHGATE CEMETERY TRUST	Drawn By SS	Checked By –	Scale –	Figure No. 1



SUB SURFACE

SITE INVESTIGATION AND SPECIALIST GEOTECHNICAL CONSULTANTS

3 Peel Street, Preston, PR2 2QS. Tel. (01772) 561135 Fax (01772) 204907

East Cemetery Soakaway Location Plan

Site	Date Drawn	Date Checked	Orientation	Job No.
HIGHGATE CEMETERY, SWAIN'S LANE, LONDON, N6 6PJ	17/05/2024	–	N	SE1801
Client	**Drawn By**	**Checked By**	**Scale**	**Figure No.**
FRIENDS OF HIGHGATE CEMETERY TRUST	SS	–	–	2