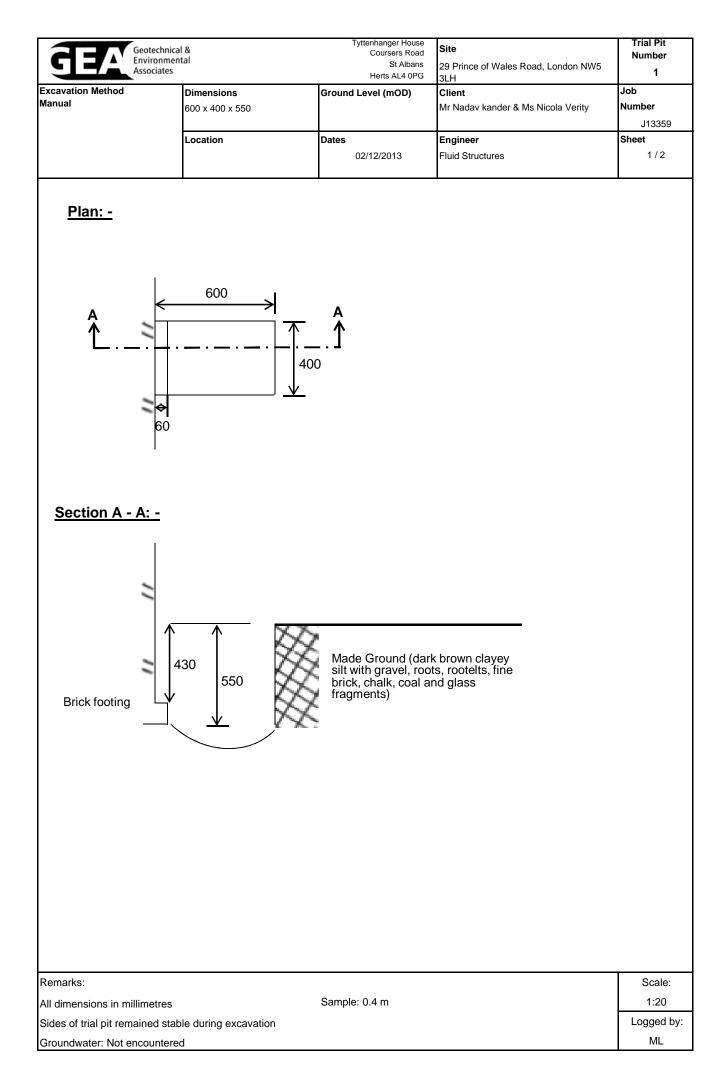
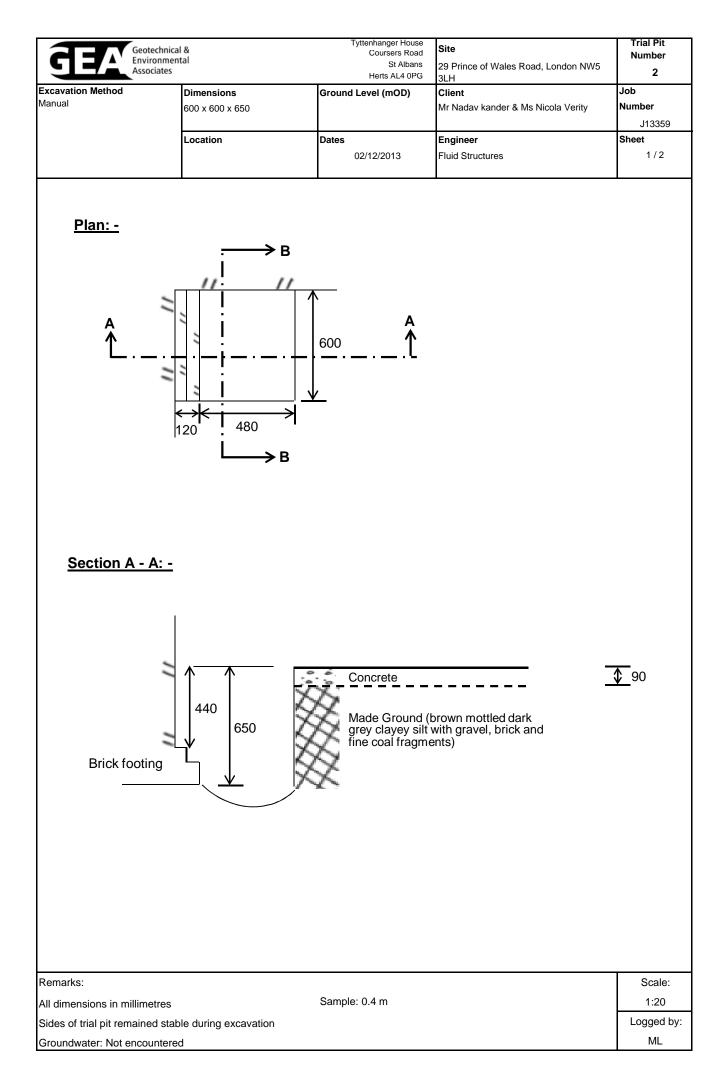
| Image: contract state st | Excavation | Geotechnical & Environmental Associates | Dimension | s | Ground | St Albans AL4 0PG | 29 Prince of Wales Road, London NW5 3LH Client | | BH1 |
|--|----------------------------|---|---------------------------------|---|----------------|-----------------------------|--|-------------------|------------------------------|
| Degrin Sample / Tests Priod Records hold Stockures Description use of a stockures Image: Test of a stockures | Drive-in Wind | dow Sampler | | | | | Mr Nadav Kander & Ms Nicola Verity | | Numbe J1335 |
| Definition Sample / Yests Weight (M) Field Records Mode (M) Print Structures Description Lege 0 2 40 D1 I I I I Image: structures Mode Cround (Structures) Image: structures Image: s | | | Location | | Dates | 3/12/2013 | Engineer | | Sheet |
| a0 D1 Image: collection of control (dark traws clope) sill with gravel, collection of | | | | | | 1 | Fluid Structures | | 1/1 |
| So Do | Depth (m) | Sample / Tests | Water Depth (m) | Field Records | Level (mOD) | Depth (m) (Thickness) | Description | Legend | A ate N |
| So Do |).40 | D1 | | | | (1.00) | roots, rootlets, fine brick, chalk, coal and glass | | |
| So Do | .20 | D2 | | | | 1.00 (1.20) | Firm orange-brown mottled bluish grey silty CLAY with fine to coarse angular to rounded gravel | | |
| So Do | .30 | D3 | | | | 2.20 | Firm fissured brown silty CLAY with partings of | × | |
| So Do | 3.30 | D4 | | | | | | | |
| So Do | 1.30 | D5 | | | | (3.80) | | × × × × | |
| Remarks | 5.30 | D6 | | | | | | ×× ×× ×× | |
| Remarks | | | | | | 6.00 | Complete at 6.00m | × | <u> <u>6</u>58<u>3</u>16</u> |
| Remarks | | | | | | | | | |
| Remarks | | | | | | | | | |
| roundwatver not encountered | | | | | | | | | |
| roundwater monitoring visit on 10/12/13 recorded the standpipe to be dry. roundwater monitoring visit on 6/01/14 recorded the standpipe to be dry. 1:50 ML | Remarks Froundwatye | er not encountered. monitoring standpip | be installed in | borehole to 6.0 m. | | 1 | 1 | Scale (approx) | Logged By |
| | Froundwater Froundwater | monitoring visit on monitoring visit on (| 10/12/13 reco 6/01/14 recore | rded the standpipe to be ded the standpipe to be | e dry. dry. | | | 1:50 | ML |

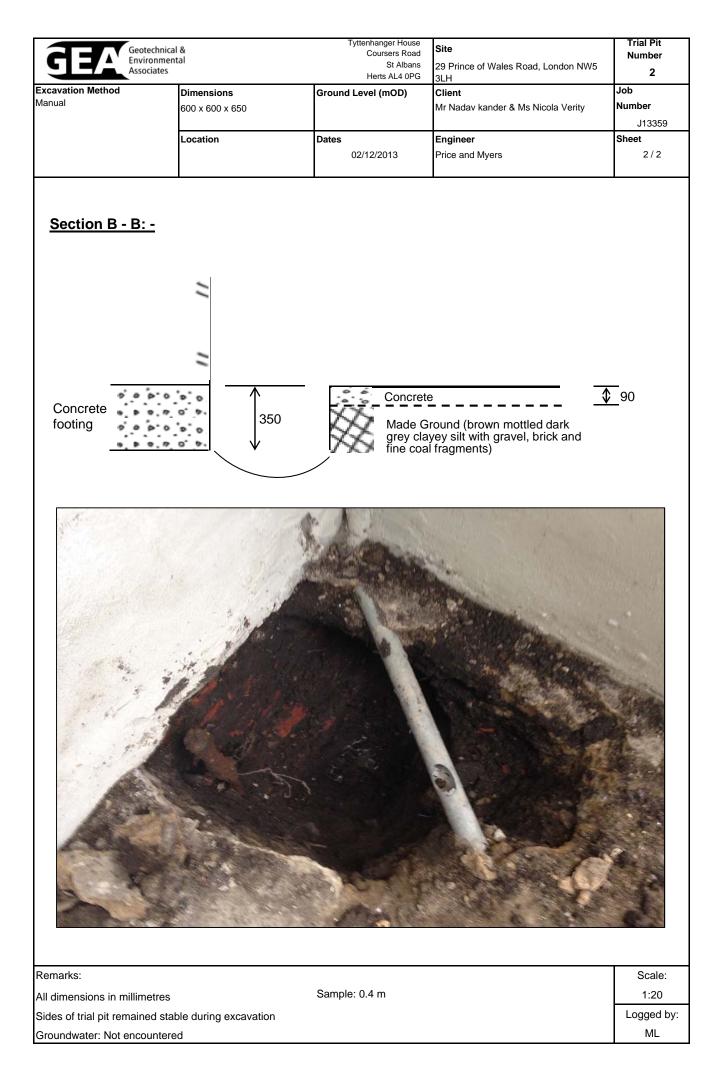
| 9- | Environmental Associates | 1 | | 0 | St Albans AL4 0PG | 29 Prince of Wales Road, London NW5 3LH | | E | umber 3H2 |
|----------------------------|--|---|--|----------------------------|-----------------------------|--|---------------------------------------|--|---|
| Excavation Drive-in Win | dow Sampler | Dimension | S | Ground | Level (mOD) | Client Mr Nadav Kander & Ms Nicola Verity | | | umber 113359 |
| | | Location | | Dates 03 | 8/12/2013 | Engineer Fluid Structures | | Sh | neet 1/1 |
| Depth (m) | Sample / Tests | Water Depth (m) | Field Records | Level (mOD) | Depth (m) (Thickness) | Description | Legend | Water | Instr |
| 0.40 | D1 | | | | (1.00) | Made Ground (brown becoming dark grey clayey slightly organic silt with gravel, brick and fine coal fragments) | | 2 · · · · · · · · · · · · · · · · · · · | |
| 1.10 | D2 | | | | 1.00 (1.00) | Orange-brown clayey silty fine to medium subrounded to angular GRAVEL | | 000 - 2000 - 200 - | 2, 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0 0,000 |
| 2.10 | D3 | | | | | Firm fissured brown silty CLAY with partings of bluish grey and brown silt, partings of orange-brown fine sand and selenite crystals | | 0 40 p0 0 00 p0 0 40 p0 0 v | |
| 3.10 | D4 | | | | | | | 000 0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | |
| 4.10 | D5 | | | | (4.00) | fine shells below 4.0 m | | 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 10,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0, |
| 5.10 | D6 | | | | | | × × × × × × × × × × × × × × × × × × × | 000000000000000000000000000000000000000 | |
| 6.00 | D7 | | | | 6.00 | Complete at 6.00m | × | | <u>7963 1988</u> |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Remarks Groundwate | r not encountered. | | | | - | | Scale (approx) | Lo | ogged |
| Groundwate Groundwate | r monitoring standpip r monitoring visit on | be installed in 10/12/13 reco 06/01/14 reco | borehole to a depth of 6 rded the standpipe to be rded the standpipe to be | 6.0 m. e dry. e dry. | | | 1:50 | | ML |
| | | | | | | | Figure N J133 | | H2 |

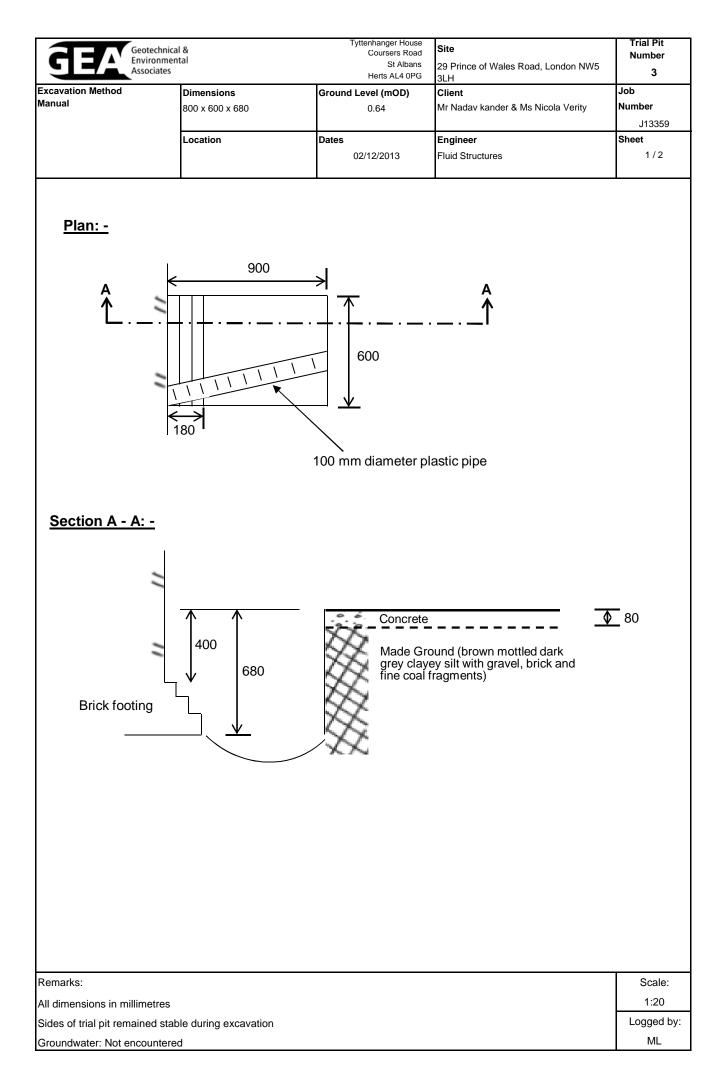
| Excavation | Geotechnical & Environmental Associates | Dimension | s | | Coursers Road St Albans AL4 0PG | 29 Prince of Wales Road, London NW5 3LH Client | | Number BH3 Job |
|---------------------------------------|---|-----------------------|--|----------------|---------------------------------------|---|---|--|
| | dow Sampler | | | | | Mr Nadav Kander & Ms Nicola Verity | | Numbe J1335 |
| | | Location | | Dates | 8/12/2013 | Engineer | | Sheet |
| | | | | | | Fluid Structures | | 1/1 |
| Depth (m) | Sample / Tests | Water Depth (m) | Field Records | Level (mOD) | Depth (m) (Thickness) | Description | Legend | Nate Nate |
| 0.40 | D1 | | | | | Made Ground (brown mottled grey clayey silt with gravel, brick, coal and pottery fragments) | | 5 0 0 0 0 0 0 0 0 0 0 0 |
|).40 | D1 | | | | (1.00) | | | 9,00,00,00,00,00,00,00,00,00,00,00,00,00 |
| .20 | D2 | | | | (0.70) | Firm brownish grey silty CLAY with occasional medium rounded gravel | × • • • • • • • • • • • • • • • • • • • | 1475 % office 700 % |
| .80 | D3 | | | | (1.00) | Firm fissured brown silty CLAY with partings of bluish grey silt, occasional pockets of | × × | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 |
| | | | | | | orange-brown fine sand and selenite crystals | × × × | |
| .80 | D4 | | | | | | × | |
| | | | | | | | | |
| .80 | D5 | | | | (4.30) | fine shells below 4.0 m. | × × × | 0,00,00,00,00,00,00,00,00,00,00,00,00,0 |
| | | | | | | | × × × | 0,00,00,00,00,00,00,00,00,00,00,00,00,0 |
| .80 | D6 | | | | | | ×× | |
| 5.80 | D7 | | | | | | × | |
| 5.00 | | | | | 6.00 | | × × | |
| | | | | | | Complete at 6.00m | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Remarks Groundwater Groundwater | r not encountered. r monitoring standpip | be installed in | borehole to a depth of 6 rded the standpipe to be rded the standpipe to be | 6.0 m. | | | Scale (approx) | Logged By |
| Foundwater | r monitoring visit on (| 06/01/14 reco | rded the standpipe to be | e dry. | | | 1:50 | ML |
| | | | | | | | Figure N J133 | lo. 59.BH3 |



| GEA Geote Enviro Associ | chnical & Inmental ates | Tyttenhanger House Coursers Road St Albans | Site 29 Prince of Wales Road, London NW5 | Trial Pit Number 1 |
|----------------------------------|------------------------------------|--|---|----------------------------|
| | | Herts AL4 0PG | 3LH | |
| cavation Method | Dimensions | Ground Level (mOD) | Client | Job |
| | 600 x 400 x 550 | | Mr Nadav kander & Ms Nicola Verity | Number |
| | | | - | J13359 |
| | Location | Dates | Engineer | Sheet |
| | | 02/12/2013 | Fluid Structures | 2/2 |
| | | | <image/> | |
| | | | | |
| emarks: | | | | |
| emarks: dimensions in millime | tres | Sample: 0.4 m | | Scale: 1:20 |
| dimensions in millime | tres d stable during excavation | | | Scale: 1:20 Logged b |

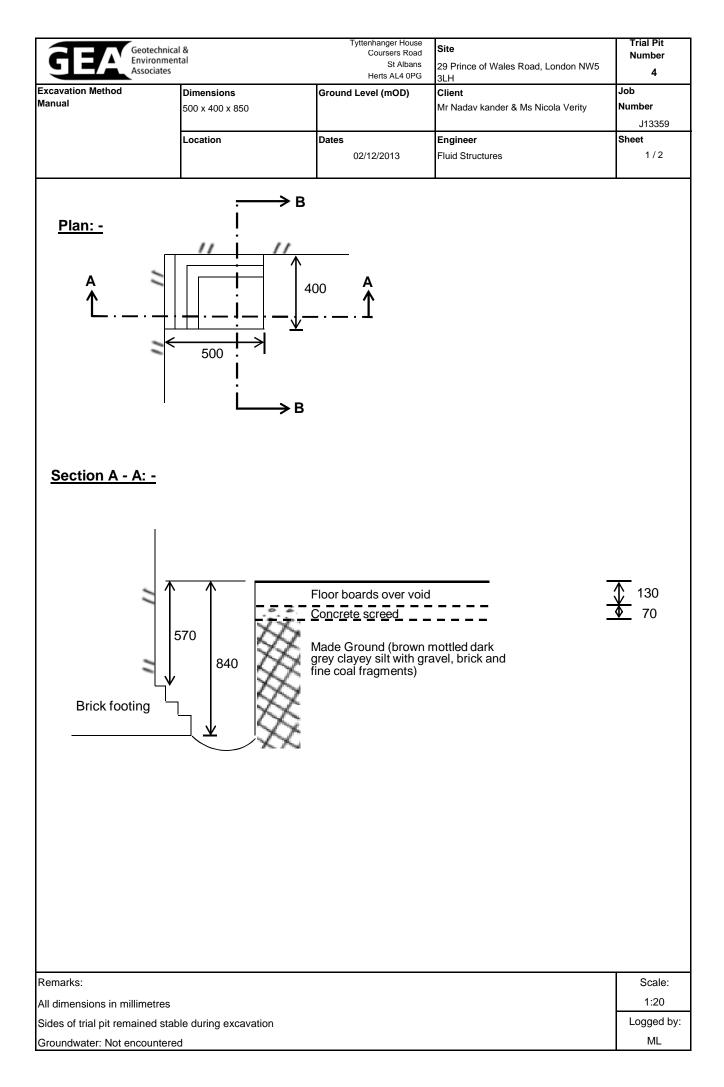


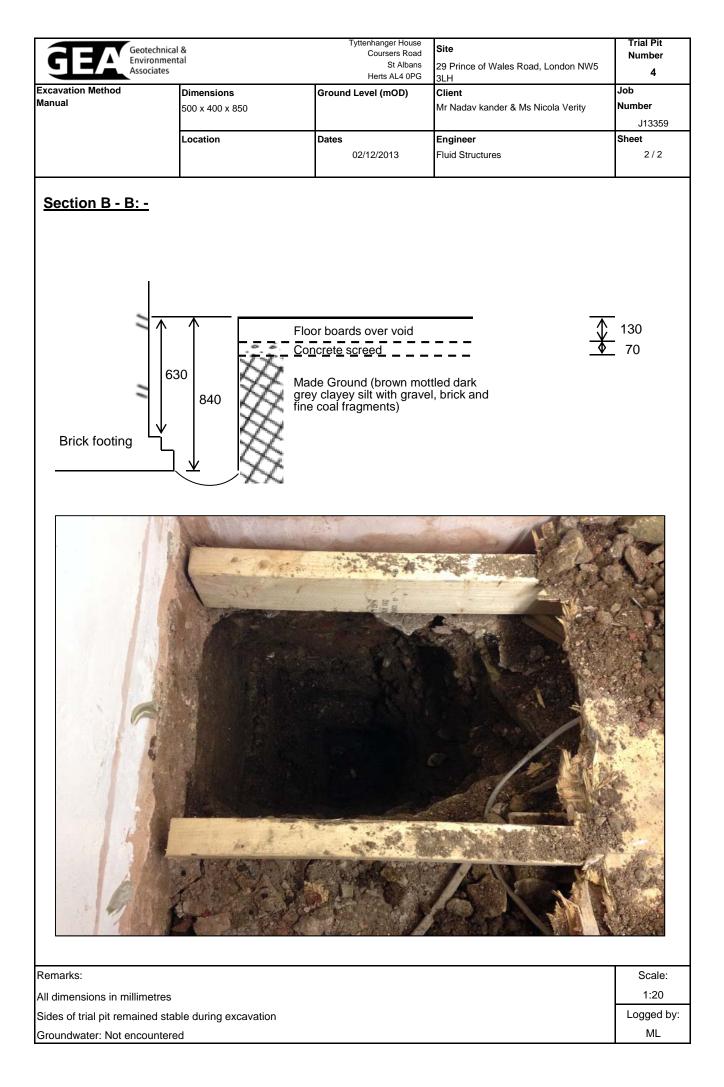


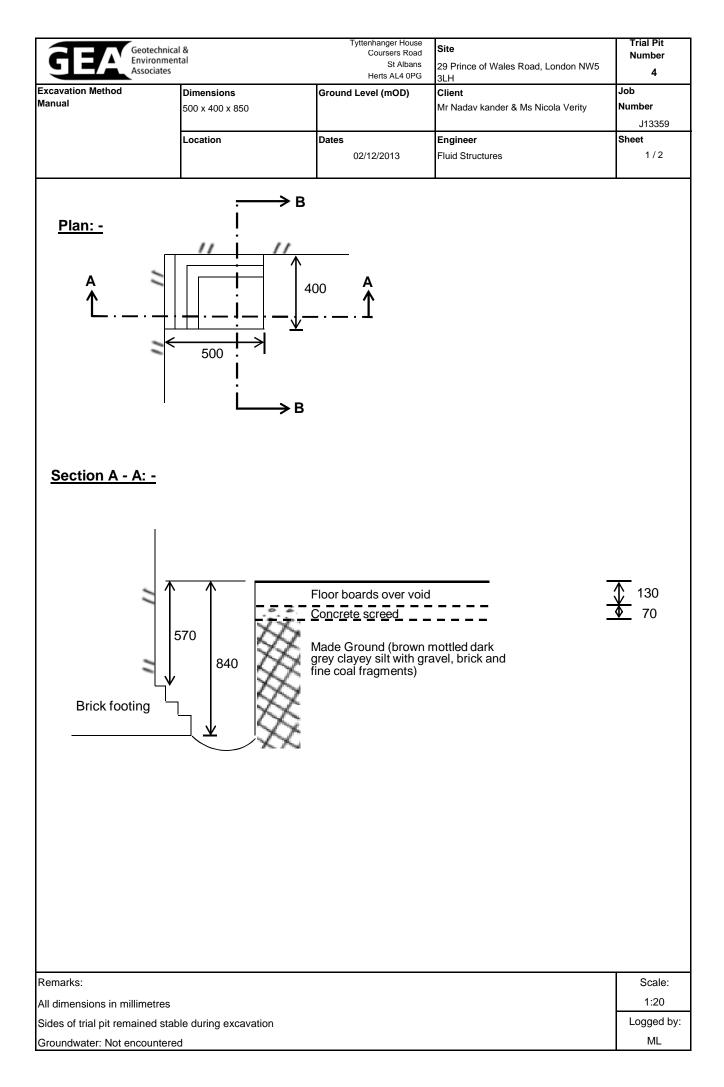


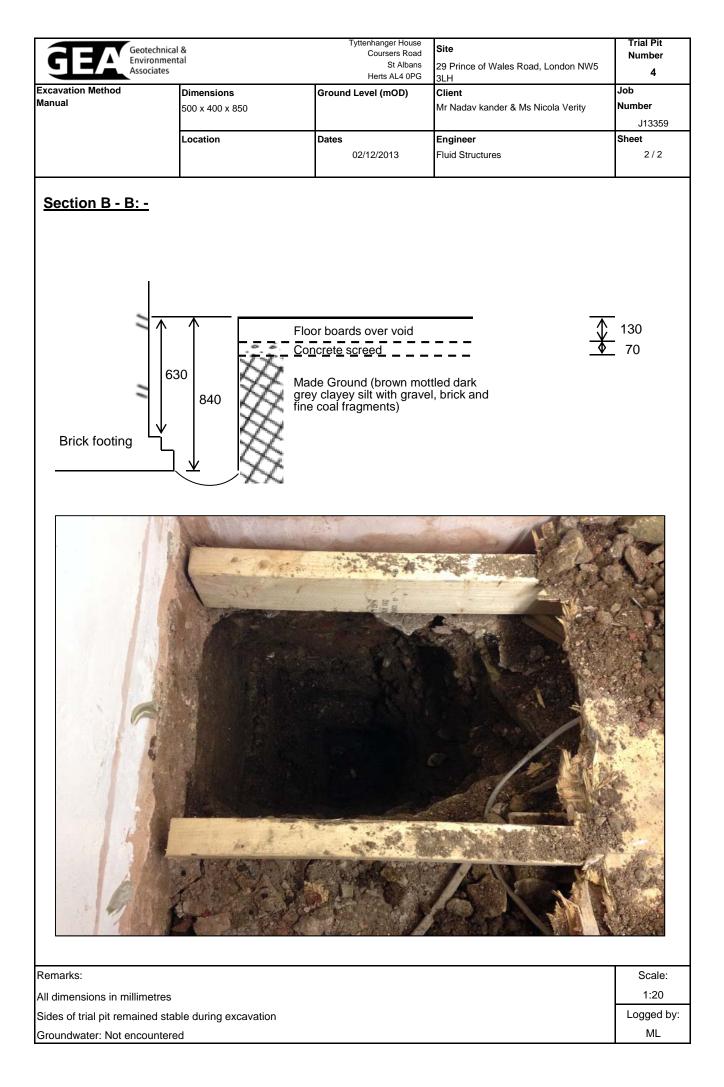
| Geote | echnical & ronmental ciates | Tyttenhanger House Coursers Road | Site | Trial Pi Numbe |
|-----------------------------|-----------------------------------|-------------------------------------|-------------------------------------|-------------------|
| Assoc | ciates | St Albans | 29 Prince of Wales Road, London NW5 | 3 |
| Excavation Method | | Herts AL4 0PG | 3LH | Job |
| Excavation Method Manual | Dimensions | Ground Level (mOD) | Client | Job Number |
| | 800 x 600 x 680 | | Mr Nadav kander & Ms Nicola Verity | |
| | l a cation | Datas | F a sin e se | J1335 Sheet |
| | Location | Dates | Engineer | |
| | | 02/12/2013 | Fluid Structures | 2/2 |
| | <image/> | | <image/> | |

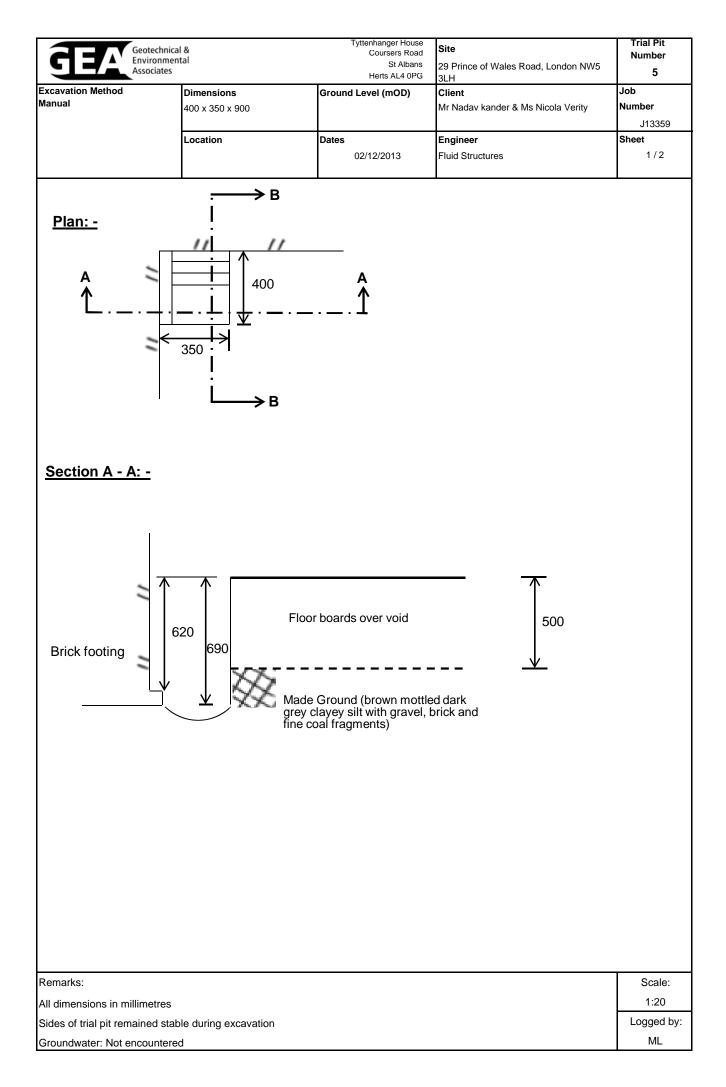
| Remarks: | Scale: |
|---|----------------|
| | Scale: 1:20 |
| Remarks: All dimensions in millimetres Sides of trial pit remained stable during excavation | |

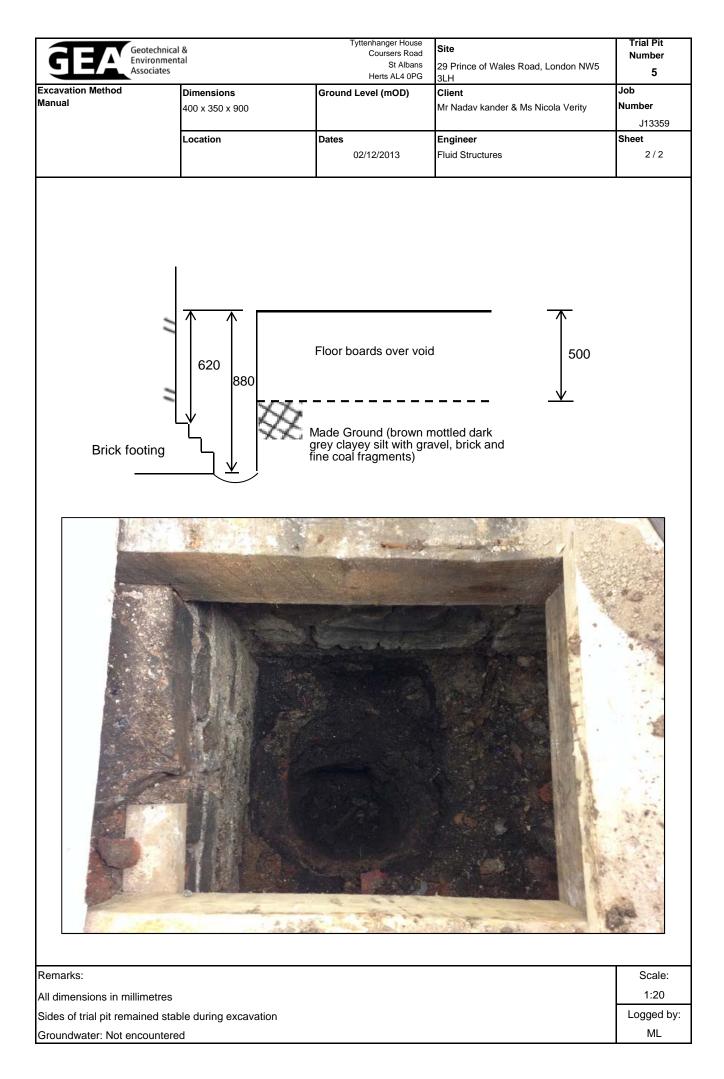


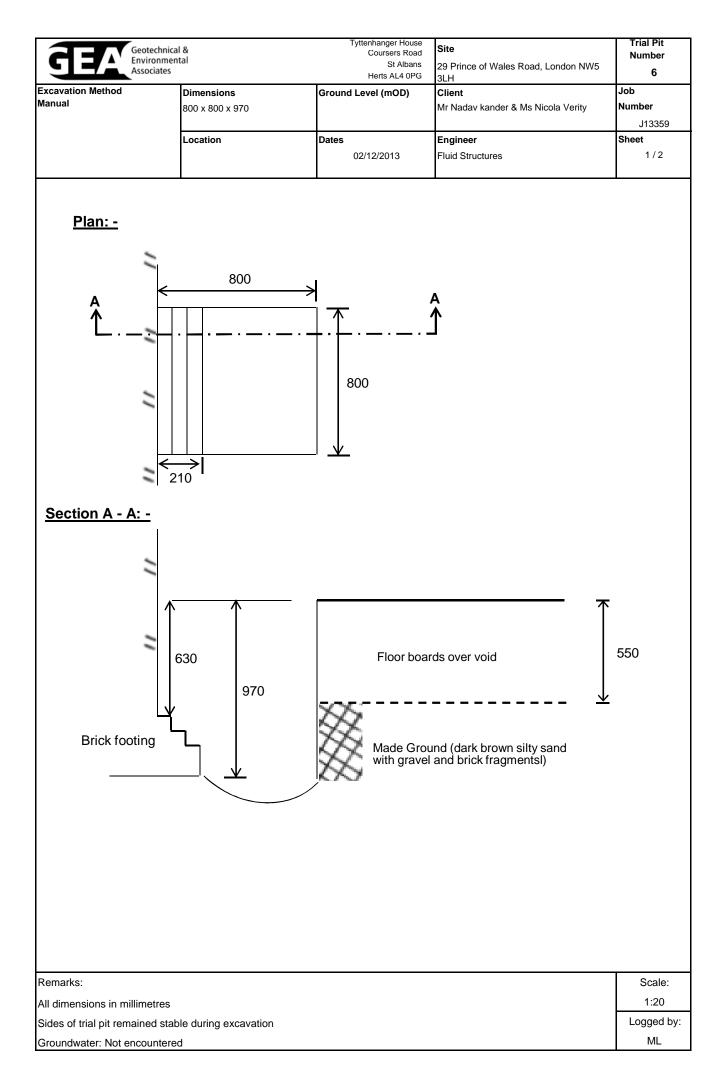


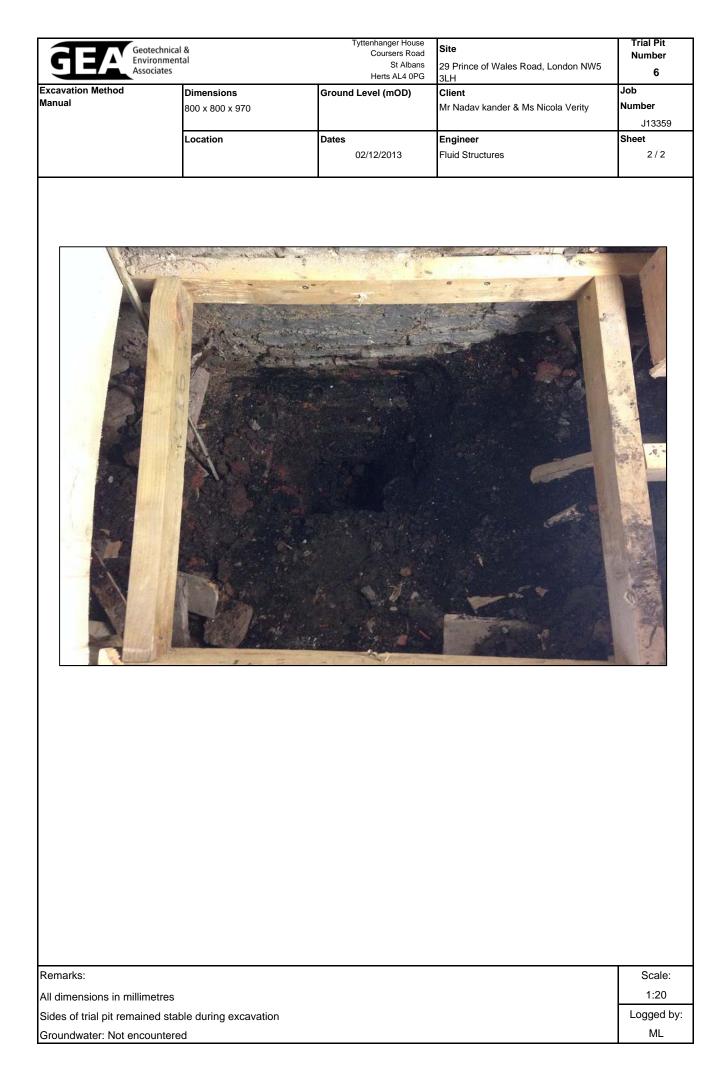


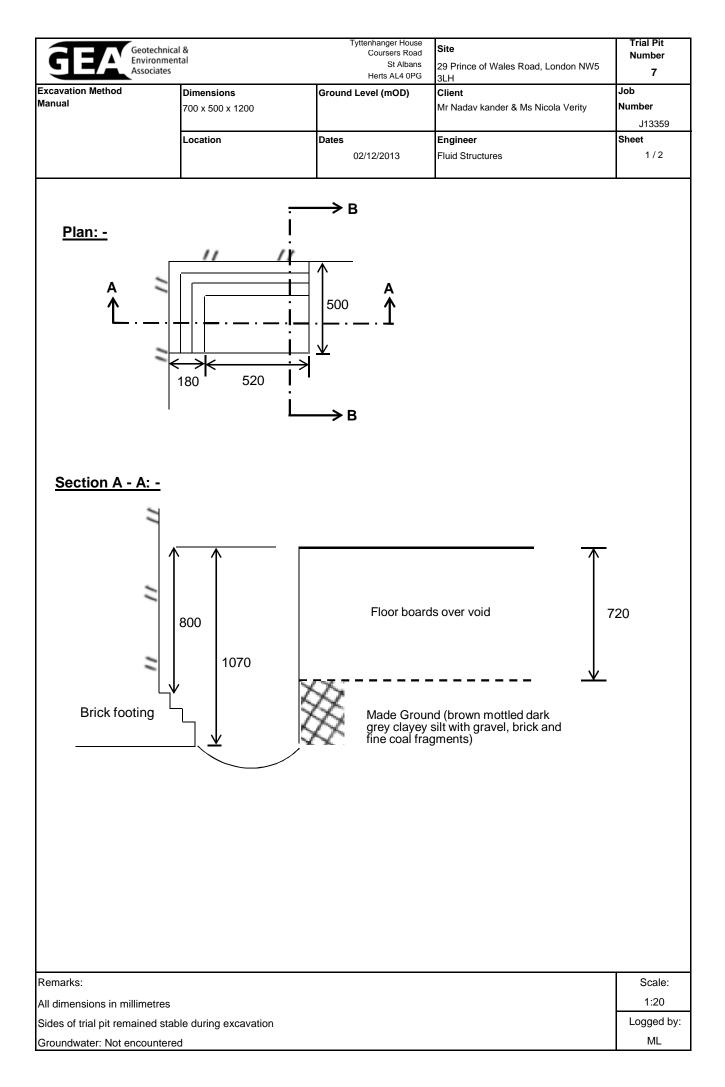


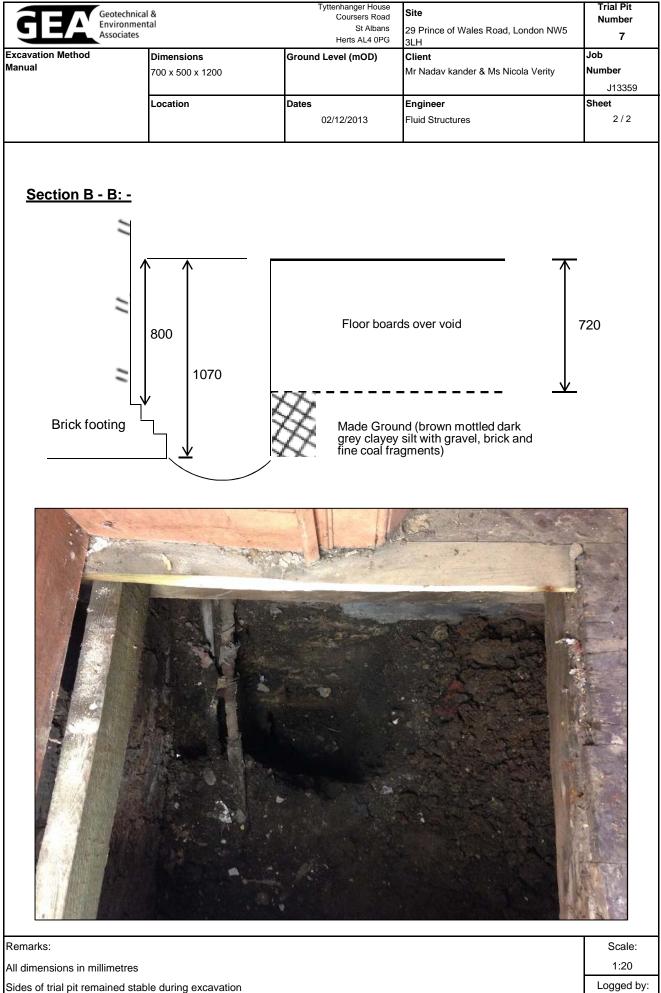




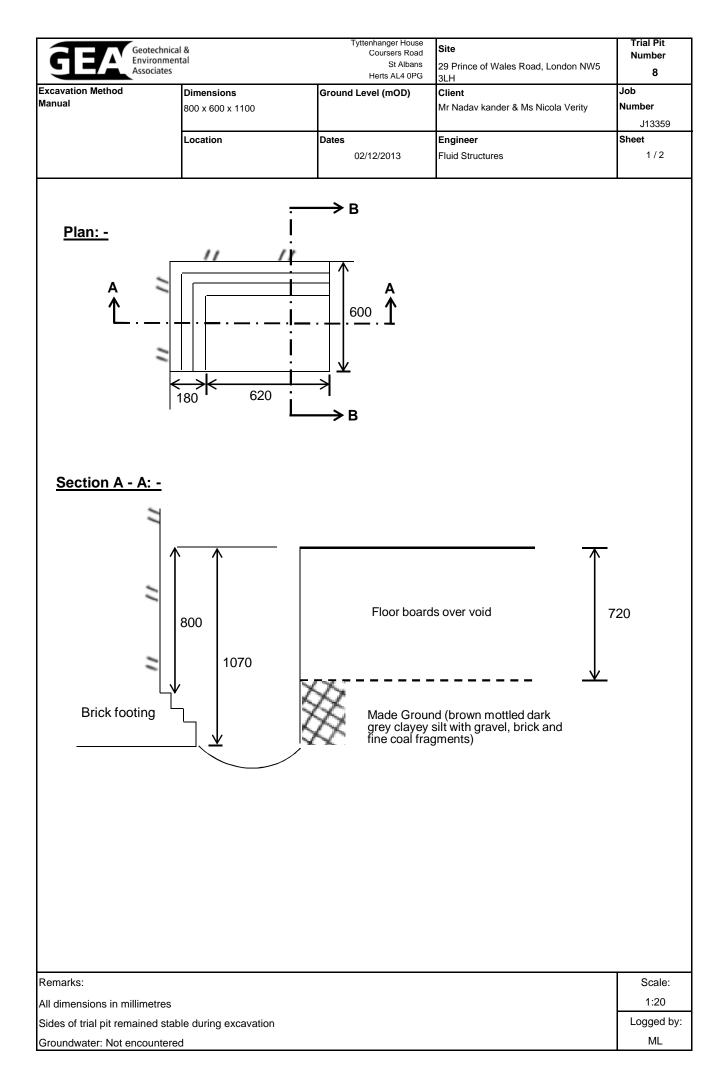


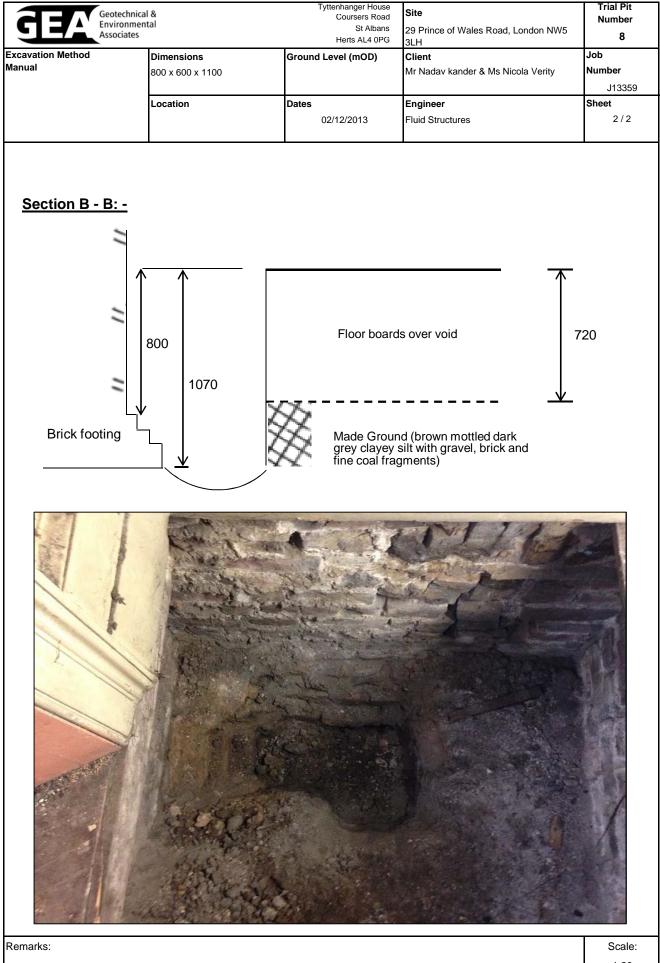




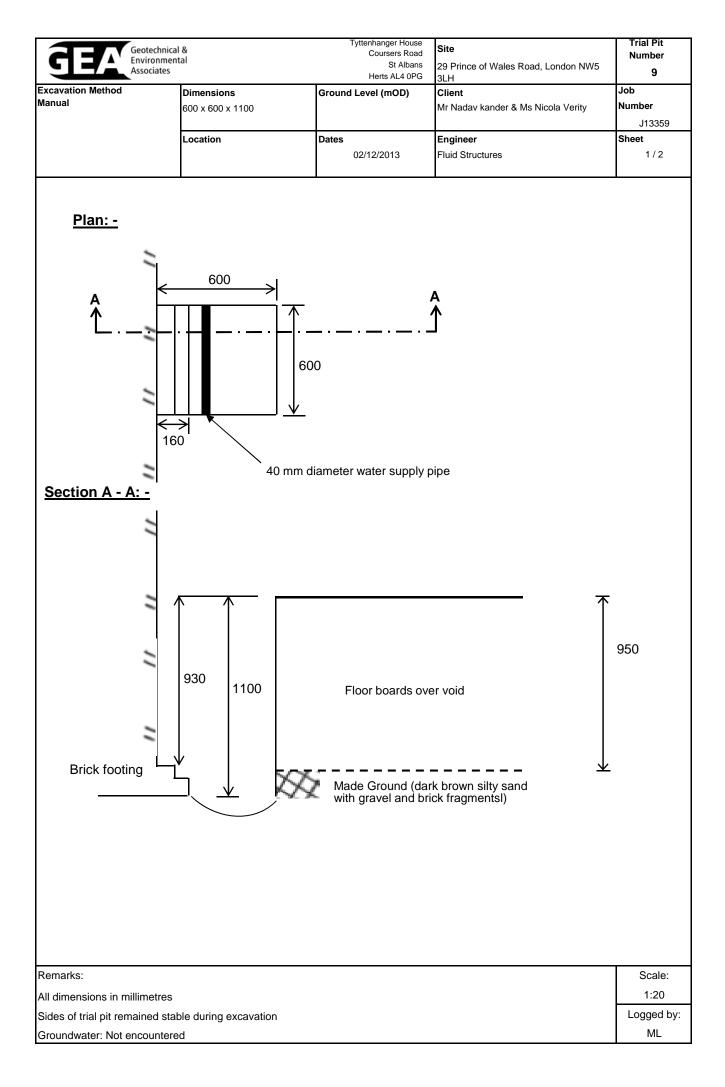


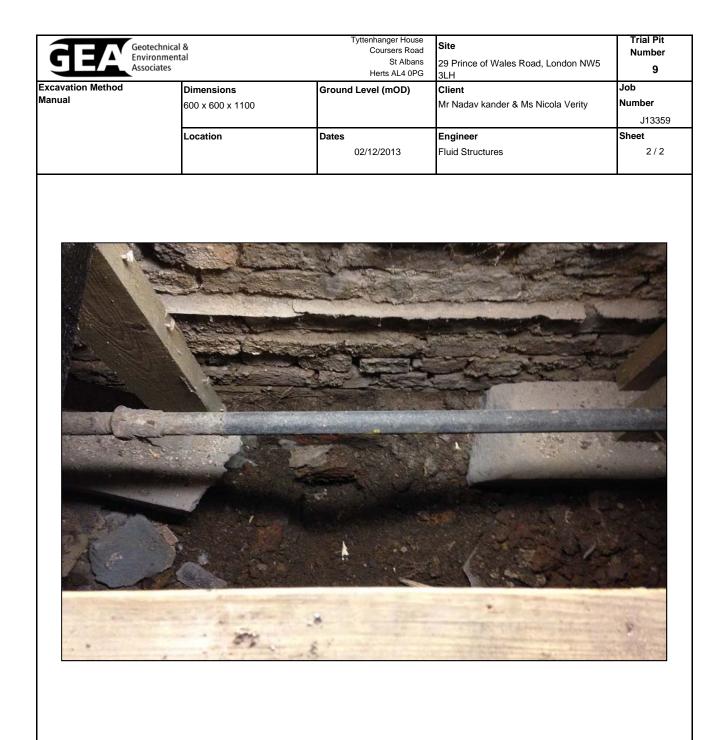
Groundwater: Not Encountered





| | Scale. |
|--|------------|
| All dimensions in millimetres | 1:20 |
| Sides of trial pit remained stable during excavation | Logged by: |
| Groundwater: Not encountered | ML |





| Remarks: | Scale: |
|--|------------|
| All dimensions in millimetres | 1:20 |
| Sides of trial pit remained stable during excavation | Logged by: |
| Groundwater: Not encountered | ML |

| | | | | | Project Sta | Received: arted: | 11/12 | /2013 | K4 SOILS |
|-----------------|---------------|--------------|--|----------------------------|------------------------|-------------------------|----------------------------|----------------------------|--|
| lient: | | GEA | | | Testing St | | 20/12 | | Soils |
| roject No |) : | J13359 | Our job/report no: 15 | 803 | Date Repo | rted: | 23/12 | /2013 | |
| Borehole No: | Sample No: | Depth (m) | Description | Moisture content (%) | Liquid Limit (%) | Plastic Limit (%) | Plasticity Index (%) | Passing 0.425 mm (%) | Remarks |
| BH1 | D2 | 1.20 | Brown slightly gravelly CLAY (gravel is fmc and sub-angular to angular) | 27 | 62 | 23 | 39 | 75 | |
| BH1 | D4 | 3.30 | Brown CLAY | 32 | 80 | 27 | 53 | 100 | |
| BH1 | D6 | 5.30 | Brown CLAY with blue grey veins and orange brown sandy patches | 34 | 81 | 29 | 52 | 100 | |
| BH2 | D3 | 2.10 | Brown CLAY with scattered selenite | 27 | 73 | 28 | 45 | 100 | |
| BH2 | D5 | 4.10 | Brown CLAY with scattered selenite | 31 | 76 | 29 | 47 | 100 | |
| BH2 | D7 | 6.00 | Brown CLAY with scattered selenite | 30 | 73 | 27 | 46 | 100 | |
| BH3 | D2 | 1.20 | Brown and grey slightly gravelly CLAY (gravel is fmc and sub- angular) | 31 | 70 | 23 | 47 | 90 | |
| BH3 | D4 | 2.80 | Brown CLAY with scattered selenite | 29 | 75 | 25 | 50 | 100 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | BS 1377 | : Part 2 : | Clause 4.4 : 1990 Determination of the liquid limit by the cone p Clause 5 : 1990 Determination of the plastic limit and plasticity i Clause 3.2 : 1990 Determination of the moisture content by the | enetromet index. | | | | | Checked and Approved Initials: K.P Date: 23/12/20 |

| Project Na Client: | me: | GEA | e of Wales Road, London NW5 3LH Project no: J13359 | | K4 SOILS |
|-----------------------|---------------|------------|---|-----|--|
| | | | Our job no: 15803 | | Soils |
| Borehole No: | Sample No: | Depth m | Description | рН | Sulphate content (g/l) |
| BH1 | D3 | 2.30 | Dark brown slightly gravelly CLAY with organic brown sandy pockets (gravel is fm and rounded) | 7.9 | 0.21 |
| BH2 | D4 | 3.10 | Dark greyish brown slightly mottled blue grey CLAY with scattered selenite | 7.9 | 2.22 |
| BH2 | D6 | 5.10 | Dark greyish brown CLAY with scattered selenite | 7.9 | 2.24 |
| BH3 | D3 | 1.80 | Dark grey brown CLAY with scattered traces of selenite | 8.2 | 0.74 |
| | | | | | |
| | | | | | |
| Date 3/12/2013 | | | Summary of Test Results BS 1377 : Part 3 :Clause 5 : 1990 | | Checked and Approved Initials : kp |

Tyttenhanger House St Albans Herts Coursers Road AL4 0PG GEA

FAO Matt Legg

LABORATORY TEST REPORT

Results of analysis of 5 samples received 10 December 2013

Report Date

17 December 2013

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| Login Batch No | | | | | | 246738 | | |
|-----------------------------------|-----------|----------|---|--------------------------|-----------|-------------|-----------|-----------|
| Chemtest LIMS ID | | | | AJ56170 | AJ56171 | AJ56172 | AJ56173 | AJ56174 |
| Sample ID | | | | BH1 | BH2 | BH3 | TP1 | TP2 |
| Sample No | | | | | | | | |
| Sampling Date | | | | 3/12/2013 | 3/12/2013 | 3/12/2013 | 3/12/2013 | 3/12/2013 |
| Depth | | | | 0.40m | 0.40m | 0.40m | 0.40m | 0.40m |
| Matrix | | | | SOIL | SOIL | SOIL | SOIL | SOIL |
| SOP↓ Determinand↓ | CAS Not U | Units↓ * | | | | | | |
| 2030 Moisture | | % | Σ | 16.4 | 19.8 | 23.9 | 17.7 | 19.4 |
| Stones content (>50mm) | | % | Σ | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| 2040 Soil colour | | | Σ | brown | brown | brown | brown | brown |
| Soil texture | | | Σ | sand | sand | sand | sand | sand |
| Other material | | | Σ | stones | stones | stones | stones | stones |
| 2010 pH | | | Σ | 7.6 | 8.1 | 7.6 | 7.9 | 7.8 |
| 2300 Cyanide (total) | 57125 | mg kg-1 | Σ | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 2325 Sulfide (Easily Liberatable) | 18496258 | mg kg-1 | Σ | 2.4 | 7.7 | 2.2 | 3.2 | 2.0 |
| 2625 Total Organic Carbon | | % | Σ | 5.1 | 3.8 | 3.1 | 6.1 | 6.0 |
| 2220 Chloride (extractable) | 16887006 | g -1 | Σ | 0.037 | 0.014 | 0.020 | 0.12 | <0.010 |
| 2430 Sulfate (total) as SO4 | | mg kg-1 | Σ | 2800 | 2100 | 006 | 1700 | 1900 |
| 2450 Arsenic | 7440382 | mg kg-1 | Σ | 26 | 15 | 18 | 24 | 27 |
| Cadmium | 7440439 | mg kg-1 | Σ | 0.19 | <0.10 | 0.14 | 0.15 | 0.84 |
| Chromium | 7440473 | mg kg-1 | Σ | 26 | 23 | 22 | 20 | 29 |
| Copper | 7440508 | mg kg-1 | Σ | 120 | 51 | 61 | 97 | 150 |
| Mercury | 7439976 | mg kg-1 | Σ | 4.7 | 1.4 | 1.4 | 2.7 | 8.2 |
| Nickel | 7440020 | mg kg-1 | Σ | 29 | 17 | 20 | 20 | 30 |
| Lead | 7439921 | mg kg-1 | Σ | 680 | 280 | 1300 | 540 | 1600 |
| Selenium | 7782492 | mg kg-1 | Σ | 0.78 | 0.65 | 0.38 | 0.72 | 1.1 |
| Zinc | 7440666 | mg kg-1 | Σ | 270 | 67 | 96 | 210 | 510 |
| 2670 TPH >C5-C6 | | mg kg-1 | ⊃ | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| TPH >C6-C7 | | mg kg-1 | ⊃ | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| TPH >C7-C8 | | mg kg-1 | Σ | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| TPH >C8-C10 | | ma ka-1 | Σ | 10 × | < 0 > | <pre></pre> | < 0 > | 1 0 1 |

All tests undertaken between 10/12/2013 and 16/12/2013 * Accreditation status

LIMS sample ID range AJ56170 to AJ56174 Report page 1 of 2 Column page 1

This report should be interpreted in conjunction with the notes on the accompanying cover page.

Tyttenhanger House St Albans Herts Coursers Road AL4 0PG GEA

FAO Matt Legg

LABORATORY TEST REPORT

Results of analysis of 5 samples received 10 December 2013

17 December 2013 **Report Date**

Chemtest The right chemistry to deliver results

J13359 - 29 Prince of Wales Road, London NW5 3LH

246738

| | | | | | | | 110000 | | |
|----------------------|------------------------------|--------|---------|---|-----------|-----------|-----------|-----------|-----------|
| | | | | | BH1 | BH2 | BH3 | TP1 | TP2 |
| | | | | | 3/12/2013 | 3/12/2013 | 3/12/2013 | 3/12/2013 | 3/12/2013 |
| | | | | | 0.40m | 0.40m | 0.40m | 0.40m | 0.40m |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2670 TPH >C10-C12 | -C12 | | mg kg-¹ | Σ | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| TPH >C12-C16 | -C16 | | mg kg-1 | Σ | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 5.7 |
| TPH >C16-C21 | -C21 | | mg kg-1 | Σ | 6.7 | < 0.1 | 1.8 | 1.9 | 21 |
| TPH >C21-C35 | -C35 | | mg kg-1 | Σ | 120 | < 0.1 | 0.30 | 0.38 | 42 |
| Total Petro | Total Petroleum Hydrocarbons | | mg kg-1 | ∍ | 130 | < 10 | < 10 | < 10 | 69 |
| 2700 Naphthalene | e | 91203 | mg kg-1 | Σ | 0.11 | < 0.1 | < 0.1 | 0.14 | 0.33 |
| Acenaphthylene | ylene | 208968 | mg kg-1 | Σ | 0.2 | < 0.1 | < 0.1 | 0.16 | 0.33 |
| Acenaphthene | ene | 83329 | mg kg-1 | Σ | 0.24 | < 0.1 | < 0.1 | 0.17 | 0.51 |
| Fluorene | | 86737 | mg kg-1 | Σ | < 0.1 | < 0.1 | < 0.1 | 0.17 | 0.28 |
| Phenanthrene | ene | 85018 | mg kg-1 | Σ | 0.85 | < 0.1 | 0.44 | 0.58 | 1.8 |
| Anthracene | | 120127 | mg kg-1 | Σ | 0.31 | < 0.1 | 0.17 | 0.24 | 0.54 |
| Fluoranthene | ne | 206440 | mg kg-1 | Σ | 1.3 | < 0.1 | 0.69 | 0.89 | ო |
| Pyrene | | 129000 | mg kg-1 | Σ | 1.1 | < 0.1 | 0.6 | 0.68 | 2.5 |
| Benzo[a]anthracene | Ithracene | 56553 | mg kg-1 | Σ | 0.76 | < 0.1 | 0.32 | 0.4 | 1.9 |
| Chrysene | | 218019 | mg kg-1 | Σ | 0.97 | < 0.1 | 0.45 | 0.54 | 2.4 |
| Benzo[b]fluoranthene | loranthene | 205992 | mg kg-1 | z | 1.1 | < 0.1 | 0.57 | < 0.1 | 2.6 |
| Benzo[k]fluoranthene | oranthene | 207089 | mg kg-1 | z | 0.61 | < 0.1 | 0.44 | 0.52 | 1.8 |
| Benzo[a]pyrene | rrene | 50328 | mg kg-1 | Σ | 0.81 | < 0.1 | 0.49 | 0.5 | 1.9 |
| Dibenzo[a, | Dibenzo[a,h]anthracene | 53703 | mg kg-1 | Σ | 0.23 | < 0.1 | 0.12 | 0.1 | 0.47 |
| Indeno[1,2, | Indeno[1,2,3-cd]pyrene | 193395 | mg kg-1 | Σ | 0.49 | < 0.1 | 0.3 | 0.27 | 1.4 |
| Benzo[g,h,i]perylene | ijperylene | 191242 | mg kg-1 | Σ | 0.51 | < 0.1 | 0.83 | 0.38 | 1.3 |
| Total (of 16) PAHs | () PAHs | | mg kg-1 | Σ | 9.6 | < 2 | 5.4 | 5.7 | 23 |
| 2920 Phenols (total) | otal) | | mg kg-1 | Σ | <0.3 | <0.3 | <0.3 | 0.4 | <0.3 |

All tests undertaken between 10/12/2013 and 16/12/2013 * Accreditation status

LIMS sample ID range AJ56170 to AJ56174 Report page 2 of 2 Column page 1

This report should be interpreted in conjunction with the notes on the accompanying cover page.



Generic Risk-Based Soil Guideline Values

Site

Job Number J13359

> Sheet 1/1

Client

Engineer

Proposed End Use Residential with plant uptake

29 Prince of Wales Road, London NW5 3LH

Mr Nadav Kander & Ms Nicola Verity

Soil pH 8

Fluid Structures

Soil Organic Matter content % 6.0

| Contaminant | Guideline Value mg/kg | Data Source | Contaminant | Guideline Value mg/kg | Data S | |
|--|--------------------------|-----------------------|----------------------------------|--------------------------|-------------|--|
| | Metals | | A | nions | • | |
| Arsenic | 32 | SGV | Soluble Sulphate | 0.5 g/l | Structu | |
| Cadmium | 10 | SGV | Sulphide | 50 | Struct | |
| Chromium (III) | 3000 | LQM/CIEH | Chloride | 400 | Structu | |
| Chromium (VI) | 4.3 | LQM/CIEH | | Others | - | |
| Copper | 2,330 | LQM/CIEH | Organic Carbon (%) | 6 | Methanogeni | |
| Lead | 450 | withdrawn SGV | Total Cyanide | 140 | WRA | |
| Elemental Mercury | 1 | SGV | Total Mono Phenols | 420 | SG | |
| Inorganic Mercury | 170 | SGV | | PAH | | |
| Nickel | 130 | LQM/CIEH | Naphthalene | 8.70 | LQM/C | |
| Selenium | 350 | SGV | Acenaphthylene | 850 | LQM/C | |
| Zinc | 3,750 | LQM/CIEH | Acenaphthene | 1,000 | LQM/C | |
| H | lydrocarbons | | Fluorene | 780 | LQM/C | |
| Benzene | 0.33 | SGV | Phenanthrene | 380 | LQM/C | |
| Toluene | 610 | SGV | Anthracene | 9,200 | LQM/CI | |
| Ethyl Benzene | 350 | SGV | Fluoranthene | 670 | LQM/C | |
| Xylene | 230 | SGV | Pyrene | 1,600 | LQM/C | |
| Aliphatic C5-C6 | 110 | LQM/CIEH | Benzo(a) Anthracene | 5.9 | LQM/C | |
| Aliphatic C6-C8 | 370 | LQM/CIEH | Chrysene | 9 | LQM/C | |
| Aliphatic C8-C10 | 110 | LQM/CIEH | Benzo(b) Fluoranthene | 7.0 | LQM/C | |
| Aliphatic C10-C12 | 540 | LQM/CIEH | Benzo(k) Fluoranthene | 10.0 | LQM/CI | |
| Aliphatic C12-C16 | 3000 | LQM/CIEH | Benzo(a) pyrene | 1.00 | LQM/CI | |
| Aliphatic C16-C35 | 76,000 | LQM/CIEH | Indeno(1 2 3 cd) Pyrene | 4.2 | LQM/CI | |
| Aromatic C6-C7 | See Benzene | LQM/CIEH | Dibenzo(a h) Anthracene | 0.90 | LQM/CI | |
| Aromatic C7-C8 | See Toluene | LQM/CIEH | Benzo (g h i) Perylene | 47 | LQM/CI | |
| Aromatic C8-C10 | 151 | LQM/CIEH | Total PAH | 6.7 | B(a)P / 0 | |
| Aromatic C10-C12 | 346 | LQM/CIEH | Chlorina | ted Solvents | | |
| Aromatic C12-C16 | 593 | LQM/CIEH | 1,1,1 trichloroethane (TCA) | 28 | LQM/CI | |
| Aromatic C16-C21 | 770 | LQM/CIEH | tetrachloroethane (PCA) | 4.8 | LQM/CI | |
| Aromatic C21-C35 | 1230 | LQM/CIEH | tetrachloroethene (PCE) | 4.8 | LQM/CI | |
| PRO (C ₅ –C ₁₀) | 1351 | Calc | trichloroethene (TCE) | 0.49 | LQM/CI | |
| DRO (C ₁₂ –C ₂₈) | 80,363 | Calc | 1,2-dichloroethane (DCA) | 0.014 | LQM/C | |
| Lube Oil (C ₂₈ –C ₄₄) | 77,230 | Calc | vinyl chloride (Chloroethene) | 0.00099 | LQM/C | |
| ТРН | 1000 | Trigger for speciated | tetrachloromethane (Carbon tetra | 0.089 | LQM/C | |
| | | testing | trichloromethane (Chloroform) | 2.7 | LQM/C | |

Notes

Concentrations measured below the above values may be considered to represent 'uncontaminated conditions' which do not pose a risk to human

health. Concentrations measured in excess of these values indicate a potential risk, and thus require further, site specific risk assessment.

SGV - Soil Guideline Value, derived from the CLEA model and published by Environment Agency 2009

withdrawn SGV - Former SGV, derived from the CLEA 2000 model and published by DEFRA pending confirmation of new approach to modeling lead

LQM/CIEH - Generic Assessment Criteria for Human Health Risk Assessment 2nd edition (2009) derived using CLEA 1.04 model 2009

Calc - sum of nearest available carbon range specified including BTEX for PRO fraction

B(a)P / 0.15 - GEA experience indicates that Benzo(a) pyrene (one of the most common and most carcenogenic of the PAHs) rarely exceeds 15% of the total PAH concentration, hence this Total PAH threshold is regarded as being conservative

