

WINDOW SAMPLE LOG

info@obsidianenvironmental.co.uk



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| Project Phase II Geoenvironmental Assess. - Land rear of Dorset House, Kingswood, Bristol, BS15 1SE | | | | Bore Hole No WS1 | |
| Job No OE/1702/1055 | Date 18/12/2023 | Ground Level m Site Datum 50.0m | Coordinates E N | | |
| Contractor | | | | | Sheet 1 of 1 |

| SAMPLES & TESTS | | | STRATA | | | | Geology | Instrument/ Backfill |
|-----------------|---------|-------------|---------------|--------|-------------------|--|---------|-------------------------|
| Depth | Type No | Test Result | Reduced Level | Legend | Depth (Thickness) | DESCRIPTION | | |
| | WS1A | | 50.00 | | 0.30 | Made Ground (MG) - Mix of tarmac - MOT Type 1 subbase & clay. | | |
| 1.0 | WS1B | | 49.70 | | 2.70 | Natural soils - very soft to soft orange, red CLAY With intermitant coal fragments. Sample WS1A at 0.2 to 0.3m bgl. Sample WS1B at 0.6 to 0.8m bgl SPT at 1.0 to 1.45m bgl - 0, 0, 0, 0, 0 & 0 - N-value = 0. SPT at 2.0 to 2.45m bgl - 0, 0, 1, 0, 1 & 1 - N-value = 3 | | |
| 2.0 | | | | | | | | |
| 3.0 | | | 47.00 | | 0.50 | very weathered red SANDSTONE/MUDSTONE - SPT 3.0 to 3.45m bgl - 10, 10, 12, 10, 11 & 11 - N-Value = 44 | | |
| 4.0 | | | 45.50 | | | End of Window Sample Borehole WS1 at 3.5m bgl | | |
| 5.0 | | | | | | | | |
| 6.0 | | | | | | | | |
| 7.0 | | | | | | | | |
| 8.0 | | | | | | | | |
| 9.0 | | | | | | | | |
| 10.0 | | | | | | | | |

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| | | GENERAL REMARKS Water strike at 2.85 - very slow seepage. | |
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| All dimensions in metres Scale 1:10 | Client White Horse Homes Limited | Method/ Plant used window sample rig | Logged by LS |
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| Project Phase II Geoenvironmental Assessment - Land rear Dorset House, Kingswood, Bristol, BS15 1SE | | | | Bore Hole No WS2 | |
| Job No OE/1702/1055 | Date 18/12/2023 | Ground Level m Site Datum 50.0m | Coordinates E N | | |
| Contractor South Wales Ground Testing Limited | | | | | Sheet 1 of 1 |

| SAMPLES & TESTS | | | STRATA | | | | Geology | Instrument/ Backfill |
|-----------------|---------|-------------|---------------|--------|-------------------|---|-----------------------------------|----------------------------|
| Depth | Type No | Test Result | Reduced Level | Legend | Depth (Thickness) | DESCRIPTION | | |
| 1.0 | | | 50.00 | | 0.07 | Made Ground (MG) - Tarmac | steel cover | |
| | | | 49.93 | | 1.23 | MG - Ash and rock fill, weathered mudstone. | | Valve & bung Plain pipe |
| 2.0 | | | 48.70 | | 0.45 | Natural soil - firm orange CLAY | Slotted pipe with gravel surround | |
| | | | 48.25 | | 0.20 | Red, friable firm to stiff CLAY. SPT at 2.0 to 2.45m - 2, 2, 2, 3, 4, 5 & 5 - N-Value = 17 | | |
| | | | 48.05 | | 0.10 | Coal fragments 2.15m bgl | | |
| 3.0 | | | 47.95 | | 1.85 | Red friable, firm to stiff CLAY SPT at 3.0 to 3.45m bgl - 3, 6, 6, 7, 7 & 6 - N-Value = 26 | | |
| | | | | | | SPT at 4.0 to 4.45m bgl - 10, 13, 15, 16, 11/40 blows - N-Value = 50 | | |
| 4.0 | | | | | | At 3.9m bgl - very weathered red MUDSTONE. | cap | |
| 5.0 | | | 46.10 | | | End of Window Sample hBorehole WS2 at 4.0m bgl. | | |

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| GENERAL REMARKS | |
| No water strike. | |

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| All dimensions in metres Scale 1:10 | Client White Horse Homes Limited | Method/ Plant used window sample rig | Logged by LS |
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| Project Phase II Geoenvironmental Assessment - Land rear Dorset House, Kingswood, Bristol, BS15 1SE | | | | Bore Hole No WS3 | |
| Job No OE/1702/1055 | Date 18/12/2023 | Ground Level m Site Datum 50.0m | Coordinates E N | | |
| Contractor South Wales Ground Testing Limited | | | | | Sheet 1 of 1 |

| SAMPLES & TESTS | | | STRATA | | | | Geology | Instrument/ Backfill |
|-----------------|---------|-------------|---------------|--------|-------------------|---|---|-----------------------------------|
| Depth | Type No | Test Result | Reduced Level | Legend | Depth (Thickness) | DESCRIPTION | | |
| | WS3A | | 50.00 | | 0.07 | Made Ground (MC) - Tarmac | steel cover | |
| | | | 49.03 | | 0.38 | MOT Type I sub-base mix with gravelly clay fill. | | Valve & bung |
| 1.0 | | | | 49.55 | | | Natural soil - Firm orange brown mottled CLAY. | Plain pipe |
| | | | | | | 2.55 | Becoming soft at 1.0m bgl SPT 1.0 to 1.4m bgl - 1, 1, 1, 2, 2 & 3 - N-Value = 8 At 1.4m bgl CLAY becoming red | Slotted pipe with gravel surround |
| 2.0 | | | | | 3.15 | At 2.0 m bgl CLAY becoming orange, light brown, and friable. SPT at 2.0 to 2.45m bgl - 2, 3, 3, 3 & 4 - N-Value = 13 | | |
| 3.0 | | | | | 47.00 | Very weathered interbedded MUDSTONE/SANDSTONE-presenting as very stiff CLAY SPT at 3.0 to 3.45m bgl - 4, 5, 6, 9 & 8 - N-Value = 29 At 3.8 - Coal fragments within CLAY stratum. SPT 3.9 to 4.35m bgl - 8, 6, 7, 6, 7 & 8 - N-Value = 28 | | |
| 4.0 | | | | | 3.15 | CPT 4.8 to 5.15m bgl - 7, 6, 5, 5, 6 & 6 - N-Value = 22 CPT at 5.25 to 5.7 m bgl - 7, 6, 6, 5 & 4 - N-Value = 21 CPT 5.7 to 6.15m bgl - 3, 4, 5, 4, 4, & 4 - N-Value = 17 | cap | |
| 5.0 | | | | | 43.85 | End of Window Sample WS3 at 6.15m bgl | | |
| 6.0 | | | | | | | | |
| 7.0 | | | | | | | | |
| 8.0 | | | | | | | | |
| 9.0 | | | | | | | | |
| 10.0 | | | | | | | | |

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| GENERAL REMARKS | |
| No water strike | |

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| All dimensions in metres Scale 1:10 | Client White Horse Homes Limited | Method/ Plant used window sample rig | Logged by LS |
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| Project Phase II Geoenvironmental Assessment - Land rear Dorset House, Kingswood, Bristol, BS15 1SE | | | | Bore Hole No WS4 | |
| Job No OE/1702/1055 | Date 18/12/2023 | Ground Level m Site Datum 50.0m | Coordinates E N | | |
| Contractor South Wales Ground Testing Limited | | | | | Sheet 1 of 1 |

| SAMPLES & TESTS | | | STRATA | | | | Geology | Instrument/ Backfill | |
|-----------------|---------|-------------|---------------|--------|-------------------|---|---------|-------------------------|---|
| Depth | Type No | Test Result | Reduced Level | Legend | Depth (Thickness) | DESCRIPTION | | | |
| | WS4A | | 50.00 | | 0.07 | Made Ground (MG) - Tarmac surfacing | | | |
| | | | 49.93 | | 0.43 | MG - Black rock fill with possible relic topsoil - sity, sandy clay Sample WS4A - taken at 0.3 to 0.4m bgl | | | |
| 1.0 | | | | 49.50 | | 1.50 | | | Natural soil - Soft orange mottle brown CLAY, becoming red at 0.9m bgl SPT at 1.0 to 1.45m bgl - 2, 2, 2, 2, 2 & 3 - N-Value = 9 At 1.4 becoming gravelly CLAY - gravel red subangular Sandstone. At 1.5m bgl Light brown grey firm CLAY with gravel - possibly highly weathered MUDSTONE. |
| 2.0 | | | | 48.00 | | 0.75 | | | At 2.0m frim to stiff grey CLAY SPT at 2.0 to 2.45m - 2, 2, 2, 3, 2 & 3 - N-Value = 10 |
| 3.0 | | | | 47.25 | | 0.10 | | | 2.75 to 2.85m bgl - Coal seam. |
| 4.0 | | | | 47.15 | | 1.15 | | | Dry friable gravelly CLAY - highly weathered MUDSTONE SPT at 3.0 to 3.45m bgl - 4, 5, 10, 12, 12 & 15 - N-Value = 49 |
| 5.0 | | | | | | | | | End of Window Sample WS4 at 4.0m bgl |
| 6.0 | | | | | | | | | |
| 7.0 | | | | | | | | | |
| 8.0 | | | | | | | | | |
| 9.0 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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| GENERAL REMARKS | |
| No water strike. | |

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| All dimensions in metres Scale 1:10 | Client White Horse Homes Limited | Method/ Plant used window sample rig | Logged by LS |
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| Project Phase II Geoenvironmental Assessment - Land rear Dorset House, Kingswood, Bristol, BS15 1SE | | | | Bore Hole No WS5 | |
| Job No OE/1702/1055 | Date 18/12/2023 | Ground Level m Site Datum 50.0m | Coordinates E N | | |
| Contractor South Wales Ground Testing Limited | | | | | Sheet 1 of 1 |

| SAMPLES & TESTS | | | STRATA | | | | Geology | Instrument/ Backfill | |
|-----------------|---------|-------------|---------------|--------|-------------------|--|--|-------------------------|-----------------------------------|
| Depth | Type No | Test Result | Reduced Level | Legend | Depth (Thickness) | DESCRIPTION | | | |
| | WA5A | | 50.00 | | 0.07 | Made Ground (MG) - Tarmac surfacing | | steel cover | |
| | | | 49.93 | | 1.33 | MG - Dark brown clay & rock fill, with fragments of tarmac ash, and brick gravel Sample WS5A at 0.3 to 0.4m bgl. SPT at 1.0 to 1.45m bgl - 0, 0, 1, 0, 1 & 0 - N-Value = 2 | | | Valve & bung |
| 1.0 | | | | | | | | | Plain pipe |
| | | | | 48.60 | | 1.40 | Natural soil - Very soft orange and black stained CLAY SPT at 2.0 to 2.45m bgl - 1, 1, 1, 1, 2 & 2 - N-Value = 6 | | Slotted pipe with gravel surround |
| 2.0 | | | | | | | | | |
| | | | | 47.20 | | 0.30 | Stiff grey CLAY SPT at 3.0 to 3.45m bgl - 3, 3, 6, 6, 7 & 8 - N-Value = 27 | | |
| 3.0 | | | | 46.90 | | 0.15 | Very soft grey CLAY | | |
| | | | | | | 0.45 | Red light brown/orange highly weathered MUDSTONE SPT at 3.5 to 3.95m bgl - 8, 8, 10, 12, 13 & 15mm/30 blows - N-Value = 50+ | | cap |
| 4.0 | | | 46.05 | | | End of Window Sample borehole WS5 at 3.95m bgl | | | |
| 5.0 | | | | | | | | | |
| 6.0 | | | | | | | | | |
| 7.0 | | | | | | | | | |
| 8.0 | | | | | | | | | |
| 9.0 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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| | | GENERAL REMARKS | |
| | | No water strike. | |

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| All dimensions in metres Scale 1:10 | Client White Horse Homes Limited | Method/ Plant used window sample rig | Logged by LS |
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| Project Phase II Geoenvironmental Assessment - Land rear Dorset House, Kingswood, Bristol, BS15 1SE | | | Bore Hole No WS6 | |
| Job No OE/1702/1055 | Date 18/12/2023 | Ground Level m Site Datum 50.0m | Coordinates E N | |
| Contractor South Wales Ground Testing Limited | | | | Sheet 1 of 1 |

| SAMPLES & TESTS | | | STRATA | | | | Geology | Instrument/ Backfill |
|-----------------|---------|-------------|---------------|--------|-------------------|---|---------|--|
| Depth | Type No | Test Result | Reduced Level | Legend | Depth (Thickness) | DESCRIPTION | | |
| | WS6A | | 50.00 | | 0.07 | Made Ground (MG) - Tarmac surfacing | | |
| | | | 49.93 | | 0.73 | Fill - Clay/gravel matrix with brick, concrete and coal fragments, Sample WS6A at 0.5 to 0.6m bgl | | |
| 1.0 | | | | 49.20 | | 0.90 | | Dark brown relic Topsoil/Alluvium - silty sandy CLAY SPT at 1.0 to 1.45m bgl - 2, 2, 2, 2 & 3 - N-Value = 9 |
| 2.0 | | | | 48.30 | | 2.10 | | Soft orange CLAY SPT at 2.0 to 2.45m bgl - 2, 2, 2, 3, 2 & 3 - N-Value = 10 |
| 3.0 | | | | | | | | SPT at 3.0 to 3.45m bgl - 4, 5, 10, 12, 12, & 15 - N-Value = 49 |
| 4.0 | | | | 45.85 | | 0.10 | | Red highly weathered MUDSTONE - refusal of percussive borehole |
| | | | 45.75 | | | End of Window Sample borehole at 4.25m bgl | | |

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| | | GENERAL REMARKS | |
| | | No water strike | |

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| All dimensions in metres Scale 1:10 | Client White Horse Homes Limited | Method/ Plant used window sample rig | Logged by LS |
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