## Site Investigations

Site investigations were carried out by Arkley on 16/11/2022, when 2 trial pits, labelled TP4 and TP/BH5 respectively were hand excavated to reveal the foundations, with a borehole sunk through the base of the trial pit in TP/BH5 to determine subsoil conditions. A remote borehole was excavated near to TP4, this is labelled BH4.

**Foundations:**

| Ref | Foundation type | Depth at Underside (mm) |
|---|---|---|
| TP4 | Brick | 600 |
| TP/BH5 | Brick | 650 |

**Soils:**

| Ref | Description | Plasticity Index (%) | Volume change potential (NHBC) |
|---|---|---|---|
| BH4 | Very stiff/hard friable orange-brown very silty sandy CLAY | 22 - 24 | Medium |
| TP/BH5 | Very stiff/hard friable orange-brown very silty sandy CLAY | 12 - 30 | Low - Medium |

**Roots:**

| Ref | Roots Observed to depth of (mm) | Identification | Starch content |
|---|---|---|---|
| TP4 | 600 | Quercus spp. | Present |
| TP4 | 600 | Prunus spp. | Present |
| TP/BH5 | 650 | Quercus spp. | Present |
| TP/BH5 | 650 | a conifer, could well be either Pinus spp., or Cedrus spp. | Present |

*Quercus spp. are oaks (both deciduous and evergreen).*
*Prunus spp. include blackthorn, cherry, cherry-laurel, Portuguese laurel, peach, plum, and related species*
*Pinus spp. are pines.*
*Cedrus spp. are cedar*

**Drains:** No information available at the time of writing.

**Monitoring:** Level monitoring is in progress. Readings from 06/09/2022 to 25/01/2023 available at the time of writing.