

**Site:**  
Swadlincote, Derbs.

**Engineer:**

**Drilling Equipment:**  
Competitor 130

**Client:**

**Elevation AOD:** -    **Easting:** -    **Northing:** -

**Start:** 14/03/2006    **Finish:** 14/03/2006

**Scale:**  
1:50

| GROUND WATER |      |           | SAMPLES & IN SITU TESTING |              |                              |                    | STRATA RECORD |     | Sheet 1 of 1   |
|--------------|------|-----------|---------------------------|--------------|------------------------------|--------------------|---------------|-----|--|
| Strike       | Well | Depth (m) | Depth/Type (m)            | P/P (kg/cm2) | Standard Penetration Testing | Sampler / Recovery | Depth (m)     | Key | Description  |
|              |      |           |                           |              |                              | Broken out         | 0.18          |     | CONCRETE.  |
|              |      |           |                           |              |                              |                    | 0.50          |     | MADE GROUND: Firm to stiff grey CLAY with some to much angular fine medium & coarse gravel cobbles & boulders of mudstone sandstone & coal.  |
|              |      |           |                           |              | N=11 (2,2/2,2,3,4)           | Hand dug           | 1             |     | MADE GROUND: dark brown sandy SILT / TOPSOIL with a little gravel of sandstone & mudstone. Abundant roots .  |
|              |      |           |                           |              |                              |                    | 1.20          |     | Weak yellow brownish yellow thinly bedded fine to medium SANDSTONE.  |
|              |      |           |                           |              | N=23 (5,5/6,6,5,6)           | 101mm WLS: 100%    | 2             |     | Stiff to very stiff yellow brown / brown / orange brown / cream variegated fine sandy SILT / CLAY with a little angular gravel of sandstone. Locally with thinly laminated fabric. Occasional black carbonaceous partings. |
|              |      |           | 3.00-3.20                 |              |                              | 92mm WLS: 90%      | 3             |     | Very stiff friable black thinly laminated carbonaceous CLAY.   |
|              |      |           | 3.18                      |              | N=33 (5,9/9,9,7,8)           | 79mm WLS: 75%      | 4             |     | Very weak grey locally stained orange brown thinly laminated MUDSTONE.   |
|              |      |           | 4.00                      |              |                              | 70mm WLS: 80%      | 5             |     | Very weak friable black thinly laminated carbonaceous CLAY grades to COAL.   |
|              |      |           | 5.00                      |              | 33/150mm - Abandoned         |                    | 5.15          |     | End of Borehole at 5.15 m  |
|              |      |           |                           |              |                              |                    | 6             |     |  |
|              |      |           |                           |              |                              |                    | 7             |     |  |
|              |      |           |                           |              |                              |                    | 8             |     |  |
|              |      |           |                           |              |                              |                    | 9             |     |  |
|              |      |           |                           |              |                              |                    | 10            |     |  |

**Remarks / Well Installation / Casing Details**  
5.15m BGL: refusal. 50mm ID, PVC, slotted well screen installed to 5.0m BGL.

