



BOREHOLE LOG

Beauly - Denny 400kv OHL

Borehole No
BF74B-C
Sheet 1 of 1
Status
Final
29/11/2011

Client: Scottish & Southern Energy plc

Consultant: Balfour Beatty Utility Solutions

Job No: 4578

| | | |
|---------------------------|--------------------------------|---|
| Date Started: 15/10/2011 | Initial Boring Diameter: 160mm | Coordinates: E 230956.253 m National Grid |
| Date Complete: 15/10/2011 | Initial Core Diameter | N 825416.106 m National Grid |
| Hole Type: RO | Rotary Casing Type: Robit | Ground Level: 259.96 m OD |
| Equipment: DB520 Boart | Core Barrel: | Plunge: 90° |
| | Core Bit: | Scale: 1:50 |

| Description of Strata | Legend | Depth | Reduced Level | Sampling/ Core Run | U | In Situ Testing | | TCR (SCR) | FI | Installation |
|--|--------|-------|---------------|--------------------|---|-----------------|--------|-----------|----|--------------|
| | | | | | | Test | Result | | | |
| Very soft spongy dark brown fibrous PEAT. | | | | | | | | | | |
| SAND & GRAVEL. (Driller's description) | | 1.00 | 258.96 | | | | | | | |
| PSAMMITE. (Driller's description) (Open holed) | | 1.80 | 258.16 | | | | | | | |
| End of Borehole at 6.00 m | | 6.00 | 253.96 | | | | | | | |

| | | | |
|---------------------------------|---------------------------------|---------------------------------|----------------------------|
| U Undisturbed U100 / U86 Sample | TCR Total Core Recovery | S Standard Penetration Test | CP Cable Percussion |
| P Piston Sample | SCR Solid Core Recovery | C Cone Penetration Test | RO Rotary Open Hole |
| TW Thin Wall Sample | RQD Rock Quality Designation | 32 N for full 300mm penetration | RC Rotary Cored |
| D Small Disturbed Sample | FI Fracture Index | /175 For given penetration (mm) | SO Sonic Open holed |
| B Bulk Disturbed Sample | NI Non Intact | /25# Seating blows only (mm) | CONP Continuous Percussion |
| LB Large Bulk Disturbed Sample | U* Blows to drive U100 / U86 | PP Pocket Penetrometer Test | WLS Windowless Sampler |
| W Water Sample | UT Thin wall undisturbed sample | K Permeability Test (m/s) | Installation |
| G Gas Sample | NA Not Applicable | L Packer Test (Lugeons) | Slotted Pipe |
| C Core | NR No Recovery | IV Insitu Vane Test. Peak | Piezometer Tip |
| J Amber Jar Sample | NP No Penetration | IVR Insitu Vane Test. Residual | Grout |
| V Vial Sample | | HV Hand Vane Test. Peak | Bentonite Seal |
| | | HVR Hand Vane Test. Residual | Gravel Filter |
| | | | Concrete |