



BOREHOLE LOG

Beauly - Denny 400kv OHL

Borehole No
BF74B-B
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 230962.005 m National Grid
Date Complete: 15/10/2011	Initial Core Diameter	N 825423.002 m National Grid
Hole Type: RO	Rotary Casing Type: Robit	Ground Level: 260.57 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) RQD	FI	Installation
						Test	Result			
Very soft spongy dark brown pseudo-fibrous PEAT.										
SAND & GRAVEL. (Driller's description)		1.00	259.57							
PSAMMITE. (Driller's description) (Open holed)		2.80	257.77							
End of Borehole at 6.00 m		6.00	254.57							

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	Concrete
		HVR Hand Vane Test. Residual	Sand Filter
			Bentonite Seal
			Gravel Filter