



BOREHOLE LOG

Beauly - Denny 400kv OHL

Borehole No

BF79C-D
Sheet 1 of 1

Status

Final
20/12/2011

Client: Scottish & Southern Energy plc

Consultant: Balfour Beatty Utility Solutions

Job No: 4578

Date Started: 29/10/2011	Initial Boring Diameter: 160mm	Coordinates: E 229889.930 m National Grid
Date Complete: 29/10/2011	Initial Core Diameter	N 823539.621 m National Grid
Hole Type: RO	Rotary Casing Type: Robit	Ground Level: 311.19 m OD
Equipment: DB520 Boart	Core Barrel:	Ptunge: 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)		0.60	310.59							
SAND (Driller's description) (Open holed).		1.70	309.49							
PSAMMITE, weathered. (Driller's description) (Open holed)		3.60	307.59							
End of Borehole at 6.00 m		6.00	305.19							

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