



		BOREHOLE LOG		Borehole No					
		Beauly - Denny 400kv OHL		TD159B-D					
				Sheet 1 of 1					
				Status					
				Final					
				08/05/2012					
Client: Scottish & Southern Energy plc				Job No: 4578					
Consultant: Balfour Beatty Utility Solutions									
Date Started: 04/04/2012	Initial Boring Diameter: 160mm	Coordinates: E 280361.134 m National Grid							
Date Complete: 04/04/2012	Initial Core Diameter	N 711295.570 m National Grid							
Hole Type: RO	Rotary Casing Type: Robit	Ground Level: 288.88 m OD							
Equipment: DB520	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
Dark brown pseudo-fibrous PEAT with abundant small rootlets.		0.30	288.58						
Reddish brown slightly clayey slightly gravelly very silty fine SAND. Gravel is angular to sub rounded fine to coarse of various lithologies.		1.20	287.68	D 1.50-1.95		S 44			
Dense reddish brown slightly clayey silty gravelly fine to medium SAND. Gravel is angular to sub rounded fine to coarse of predominantly sandstone. (Based On Driller's Description).		2.30	286.58						
Weathered red SANDSTONE with very soft areas. (Driller's Description) (Open Holed).		6.00	282.88						
End of Borehole at 6.00 m									
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	IPID In-situ Photo-Ionisation Detector (ppm)	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	HV Hand Vane Test. Peak	Grout						
V Vial Sample	OH Open Hole Drilling	HVR Hand Vane Test. Residual	Concrete						