

Engineering Log
Cored Borehole



borehole no:
TP23/P110
Sheet 1 of 1

Job no: E200195 file:

Project: Musselroe to Derby Transmission Line
 borehole location: mE 556 0571264
 (MGA 94) mN 5453994
 hole commenced: 10/9/07
 hole completed: 10/9/07
 supervised by: T. LINDEN
 log checked by: LCi

drill model and mounting: POLTECK SPECIAL slope: vertical
 barrel type and length: TTS6 fluid water bearing: -
 R.L surface: not m
 datum: surveyed Driller M. BARNETT TFE

drilling information				rock substance			rock mass defects			
method	case-lift	water	R.L depth (m)	graphic log core loss	substance description	weathering	strength Is (50)	defect spacing mm	RQD %	defect description
					rock type: grain characteristics, colour, structure, minor components.			100 300 1000 3000		thickness, type, inclination, planarity, roughness, coating
										particular general
			1		CLAY, medium plasticity, moist, some gravel, fine to coarse	FW				Basalt clay
			2		BASALT; fine grained, dark grey	SW			51	15(50) 11.4 mpa
			3			EW				CLAY band
			4		massive	FR				CLAY infill 15(50) 7.3 mpa
			5						100	15(50) 12.4 mpa
			6							15(50) 10.2 mpa
					EOT @ 6.3m					GROUNDWATER TABLE COULD NOT BE MEASURED DUE TO DRILLING METHOD

KEY	case-lift	graphic log/ core loss	weathering	strength
method	casing used barrel withdrawn 6 May 07 water level date shown water inflow partial drilling water loss complete drilling water loss	core recovered (hatching indicates material) no core recovered	Fr - fresh SW - slightly weathered DW - distinctly weathered EW - extremely weathered RS - residual soil	(indirect tensile strength) x Point Load Test EL extremely low VL very low L low M medium H high VH very high EH extremely high