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ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM BQF 075:191/95

BOREHOLE No : 104
SHEET : 1 OF 2
REFERENCE No : H8176

PROJECT : SOUTH EAST TRANSIT PROJECT-SECTION 1
LOCATION : 2026.658E 164536.507N
PROJECT No : C60128 SURFACE R.L. : 9.50 DRILLER : DALY BROTHERS PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 27/1/98

DEPTH (m)	R.L. (m)	ALGER CORE DRILLING CASING OTHER	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	9.50											
1						FILL Consisting grey, very loose/soft, dry, a mixture of rock fragments, gravels, sand silt, clay and coal ash. (Coarse fraction<fine fraction; gravel size <300mm).	GC				3,1,1 N=2	SPT
2						Below 1.0m; black, fine to coarse very loose coal ash up to 4.5m. (Probable non-engineered type material)					1,1,2 N=3	SPT
3							SM				1,1,1 N=2	SPT
4											4,1,2 N=3	SPT
5	4.75					PHYLLITE GREY TO GREEN GREY, MEDIUM TO COARSE GRAINED FOLIATED METASEDIMENTARY ROCK. CONCORDANT TO DISCORDANT, MEDIUM TO COARSE QUARTZ VEINS. XW : Exhibits engineering properties of green brown to orange brown, moist, stiff to very stiff sandy silty clay. Some HW bands with relic rock structure.					5,4,6 N=10	SPT
6							XW				8,13,15 N=28	SPT
7			(0%) 71									
8	1.30					HW : Pale grey to brown, massive looking; rock kernels and corestones in silty clay matrix.					Is(50)=0.15MPa Is(50)=0.15MPa	x x
9			(0%) 67				HW					
10												

REMARKS

LOGGED BY
DISS

ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM BQF 075:191/95

BOREHOLE No : 104
SHEET : 2 OF 2
REFERENCE No : H8176

PROJECT : SOUTH EAST TRANSIT PROJECT-SECTION 1
LOCATION : 2026.658E 164536.507N
PROJECT No : C60128 SURFACE R.L. : 9.50 DRILLER : DALY BROTHERS PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 27/1/98

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING EH VH H M L VL	INTACT STRENGTH	DEFECT SPACING (mm) 20 60 200 600 2000	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	-0.50		(45%) 51		HW : (As above.)	HW				Piezometer tip at 10.25m.	
	-0.85				END OF HOLE						
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

REMARKS

LOGGED BY
DISS

SOUTH EAST TRANSIT PROJECT
SECTION ONE

HOLE 104
START 6.50
END 10.35

H 8176
IOF1
JAN 1998

C60128

