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ENGINEERING BORELOG

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

BOREHOLE No : 222
SHEET : 1 OF 2
REFERENCE No : H8163

PROJECT : SOUTH EAST TRANSIT TUNNEL - PACKAGE 2
LOCATION : 3756.812E 162534.016N
PROJECT No : C60117 SURFACE R.L. : 13.29 DRILLER : DALY BROTHERS PTY LTD
JOB No : 650302CN DATUM : AHD DATE DRILLED : 12/12/97

DEPTH (m)	R.L. (m)	AUGER 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
							EH	LV	H	M	L	20	60	200	600			
0	13.29				FILL 150mm asphlt over gravel basefill.	GW										Drillers log only.		
1	12.29				FILL Pale brown to grey brown, stiff to very stiff, dry silty clay.	CH										6, 6, 8 N=14	SPT	
2																7, 7, 10 N=17	SPT	
3	10.54				FILL Pale brown to green brown, very dense dry mixture of rock fragments.	GP										11, 20, 17 N=37	SPT	
4	9.54				FILL Pale and dark brown, very stiff, dry to moist silty clay.											6, 9, 11 N=20	SPT	
5						CH										8, 7, 8 N=15	SPT	
6																4, 7, 13 N=20	SPT	
7	6.54				SILTY CLAY Dark brown to black, stiff, moist; organic fragments; medium plasticity; red brown mottled zones; occasional coarse sand to gravel particles.	OH										2, 4, 6 N=10	SPT	
8																	U48	
9	4.54				SILTY CLAY Grey, stiff to very stiff, moist; occasional sandy layers	CH										5, 6, 8 N=14	SPT	
10	3.29																	

REMARKS :

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						EH	VH	H	M	LV	20	60			
10	3.29			SILTY CLAY Grey dark to dark brown, moist stiff to very stiff; occasional sandy layers.										4, 7, 8 N=15	SPT
11					CH									3, 4, 5 N=9	SPT
12	1.54			SILTY SAND Grey, fine to medium grained, moist medium dense.										4, 6, 10 N=16	SPT
13	0.54			XW SILTSTONE Generally exhibits engineering proper ties of green grey to grey brown, moist hard silty clay.		XW								17, 20, 20 N=40	SPT
14	-0.46			XW SANDSTONE Generally exhibits engineering proper ties of grey to orange grey, moist, hard silty sand. Frequent mottled zones.		XW								14, 23, 30/75 N=>50	SPT
15	-1.71			END OF HOLE										30/20 N=>50	SPT
16															
17															
18															
19															
20															

REMARKS :

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