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# ENGINEERING BORELOG

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

BOREHOLE No : 227

SHEET : 1 OF 2

REFERENCE No : H8165

PROJECT : SOUTH EAST TRANSIT TUNNEL-SECTION 2  
 LOCATION : 3983.042E 162281.411N  
 PROJECT No : C60117 SURFACE R.L. : 25.94 DRILLER : DALY BROTHERS DRILLING  
 JOB No : 650302CN DATUM : AHD DATE DRILLED : 26/11/97

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE CASING OTHER	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	INTACT STRENGTH					DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
						USC	WEATHERING	EH	EVH	H				
0	25.94				FILL Brown to red, moist gravels.	GW							Drillers log only.	
1	24.44				INTERBEDDED GREYWACKE AND ARGILLITE GREY TO GREEN GREY FINE TO MEDIUM GRAINED BEDDED METASEDIMENTARY ROCK. BEDDING 30-60 DEGREES; FREQUENT CONCORDANT QUARTZ VEINS. KW : Exhibits engineering properties of grey brown to green grey, moist to dry, hard sandy silty clay.	XW							9, 20, 26 N=46	SPT
2	23.52				HW: Green grey to orange grey; frequent core stones and rock kernals.	HW							30/50 N=>50	SPT
3			(14) 77		MW INTERBEDDED GREYWACKE AND ARGILLITE Partly red brown ironstaining; few HW broken zones; defects along foliation plane and bedding partings.	MW							Is (50) = 0.53MPa	o
4	21.64		(19) 69		SW INTERBEDDED GREYWACKE AND ARGILLITE Red brown ironstaining mainly along defects; defects along foliation plane and bedding partings.	SW							Is (50) = 0.38MPa Is (50) = 0.55MPa	o o
6			(44) 100										Broken zone	
7			(65) 100										Broken zone	
8			(32) 100										Is (50) = 0.58MPa	o
9			(54) 100											
10	15.94													

REMARKS : Rockmass predominantly failed along bedding partings point load test result  
ing lower strength values.

LOGGED BY  
DISS

# ENGINEERING BORELOG

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

BOREHOLE No : 227

SHEET : 2 OF 2

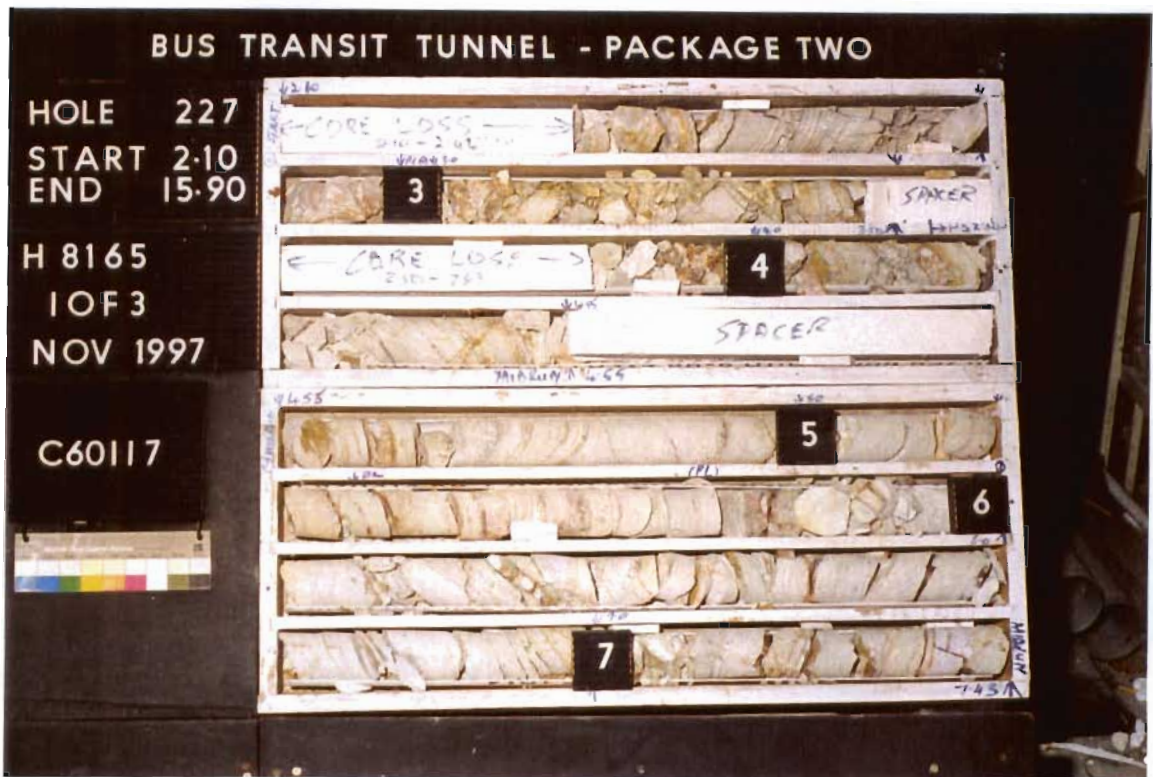
REFERENCE No : H8165

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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	
							EH	VH	HM	VL	20	60	200	600				2000
10	15.94				SW INTERBEDDED GREYWACKE AND ARGILLITE (Contd..)													
11			(59) 100												Is (50) = 0.03MPa			
12															Broken quartz veins			
13			(69) 100			SW									Is (50) = 1.40MPa			x
14			(57) 100												Is (50) = 0.79MPa			
15															Is (50) = 0.39MPa			
16	10.04		(57) 100		END OF HOLE													
17																		
18																		
19																		
20																		

REMARKS : .....

LOGGED BY  
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BUS TRANSIT TUNNEL - PACKAGE TWO

HOLE 227  
START 2.10  
END 15.90

H 8165  
3 OF 3  
NOV 1997

C60117

