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# ENGINEERING BORELOG

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

BOREHOLE No : 212  
SHEET : 1 OF 2  
REFERENCE No : H8157

PROJECT : SOUTH EAST TRANSIT BUS LANE PROJECT - SECTION 2  
LOCATION : 3517.4E 163033.8N  
PROJECT No : C60117 SURFACE R.L. : 27.96 DRILLER : DALY BROTHERS PTY LTD  
JOB No : 650302CN DATUM : AHD DATE DRILLED : 8/12/97

DEPTH (m)	R.L. (m)	ALGER CORE DRILLING CORE 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	27.96					TOPSOIL Brown, moist silty clay with organic material.					Driller's log only.	
1	26.96					XW PHYLLITE Gery green, dry, hard, sandy silty caly.	XW				Dark orange 8,24,30/60 mottled zones. N=50	SPT
2	26.56					PHYLLITE: PALE GREY TO SILTY GREEN, FINE TO MEDIUM GRAINED, FOLIATED METASEDIMENTARY ROCK. FREQUENT QUARTZ VEINS (BOTH CONCORDANT & DISCORDANT). ROCK TENDS TO BREAK ALONG BEDDING PARTINGS/FOLIATION PLANES. BEDDING VARIES 20-70 DEGREES.					Bedding 75 degrees.	
3						HW PHYLLITE: Orange to red brown throughout; rockmass extensively fractured and very friable.						
4												
5												
6												
7												
8												
9												
10												

REMARKS : Rock is extensively fractured along bedding partings between 3.20-10.20 and 10.20-13.30. \*See attached list for defect descriptions.

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# ENGINEERING BORELOG

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

BOREHOLE No : 212  
SHEET : 2 OF 2  
REFERENCE No : H8157

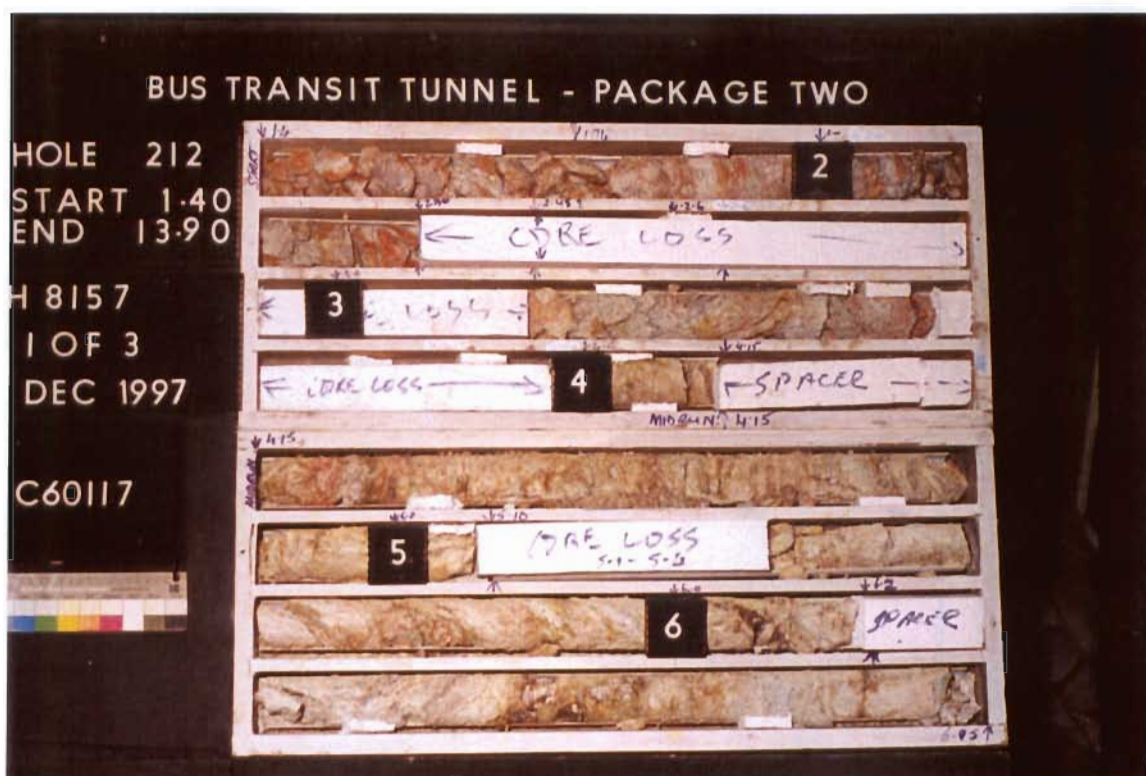
PROJECT : SOUTH EAST TRANSIT BUS LANE PROTECT - SECTION 2  
LOCATION : 3517.4E 163033.8N  
PROJECT No : C60117 SURFACE R.L. : 27.96 DRILLER : DALY BROTHERS PTY LTD  
JOB No : 650302CN DATUM : AHD DATE DRILLED : 8/12/97

DEPTH (E) (m)	R.L. (m)	ALGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING EH VH H M VL	INTACT STRENGTH	DEFECT SPACING (mm) 20 50 100 200 500 1000 2000	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	17.96				SW PHYLLITE Red brown ironstaining mainly along defects.					Broken zone. Bedding 75 degrees.	
11			(54) 100								
12			(63) 93			SW				*6.90MPa Is (50)=0.66MPa Defects are closed to medium closed. dipping at 15-75 degrees. Is (50)=0.27MPa	x x
13										Lenticular Quartz veins. Is (50)=0.74MPa	x
14	14.06		(71) 100							Is (50)=0.34MPa	x
14					END OF HOLE						
15											
16											
17											
18											
19											
20											

REMARKS : \*NOTE: Specimen was subjected to Modulus testing prior to UCS Testing.

Therefore these strength values may be underestimated.

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BUS TRANSIT TUNNEL - PACKAGE TWO

HOLE 212  
START 1.40  
END 13.90

H 8157  
3 OF 3  
DEC 1997

C60117

