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ENGINEERING BORELOG

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

BOREHOLE No : 201
SHEET : 1 OF 1
REFERENCE No : H8146

PROJECT : SOUTH EAST TRANSIT PROJECT - SECTION 2
LOCATION : 3143.735E 163453.934N
PROJECT No : C60117 SURFACE R.L. : 21.82 DRILLER : DALY BROTHERS PTY LTD
JOB No : 650302CN DATUM : AHD DATE DRILLED : 11/12/97

DEPTH (m)	R.L. (m)	AUGER 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	21.82										Driller's log only	
1	20.82					PHYLLITE YELLOW BROWN TO DARK GREY FINE TO MEDIUM GRAINED FOLIATED METASEDIMENTARY ROCK. BEDDING REGULAR (10-70 DEG) TO CONTORTED ALTERNATIVE DARK (MICA) & PALE (QUARTZ) LAYERS. FREQUENT CONCORDANT AND DISCORDANT QUARTZ VEINS.	HW					
2	20.22					MW : Partly to completely red-brown iron staining throughout.	MW				10mm quartz vein 5/150 10mm quartz vein N=>50 40mm quartz vein Is(50)=0.21MPa	SET x
3			(90) 100			SW : Partly or completely red-brown iron staining mainly along defects. Rock tends to break along bedding partings especially during handling.					Bedding 30 degrees *6.31MPa Broken zones Is(50)=0.48MPa	UCS x
4			(63) 100			DEFECTS : 30, 40 (cross cutting defects) and 70 (bedding partings) degrees.					80mm long concoidal subvertical fracture *4.76MPa	UCS
5											Is(50)=0.22MPa	x
6			(78) 100				SW				Bedding 40 degrees	
7			(97) 100								Is(50)=0.65MPa Horizontal bedding Is(50)=0.22MPa	x x
8											Fault zone Is(50)=0.76MPa	x
9	12.67		(71) 100 (35) 100								Bedding 60 degrees	
10						END OF HOLE						

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

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[FOR GEOTECHNICAL TERMS AND SYMBOLS]

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PROJECT	SOUTH EAST TRANSIT PROJECT - SECTION 2				
LOCATION :	3143.735E	163453.934N			
PROJECT NO :	C60117	SURFACE R.L	21.83	DRILLER	DALY BROTHERS PTY LTD
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[illegible]

Abbreviations

ROUGHNESS		WALL ALTERATIONS		TYPE		OTHER	
R	Rough	FeSt	Iron Stained	J	Joint	P	Partly
Sm	Smooth	W	Weathered	B	Bedding	QZ	Quartz Vein
SL	Slickensided			BP	Bedding Parting	Co	Completely
				F	Foliation	In	Incipient
PLANARITY		APERTURE		SZ	Sheared Zone	SI	Sand Infill
Pl	Planar	C	Closed	WS	Weathered Seam	H	Horizontal
St	Stepped	O	Open	CZ	Crushed Zone	V	Vertical
Un	Undulating	F	Filled	SM	Secondary Mineralisation	CI	Clay Infill
Cu	Curved	T	Tight	BZ	Broken Zone	Cn	Clean
Ir	Irregular			HFZ	Highly Fractured Zone		

NOTE: This sheet should be read in conjunction with appropriate Engineering Borelog.

