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ENGINEERING BORELOG

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

BOREHOLE No : 226
SHEET : 1 OF 1
REFERENCE No : H8164

PROJECT : SOUTH EAST TRANSIT BUS TUNNEL-SECTION 2
LOCATION : 3949.705E 162332.373N
PROJECT No : C60117 SURFACE R.L. : 22.24 DRILLER : DALY BROTHERS DRILLING
JOB No : 650302CN DATUM : AHD DATE DRILLED : 28/11/97

DEPTH (E) (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	22.24				FILL Red brown, moist, silty clay.					Driller's log only.	
1	21.24				XW TUFF Generally exhibits engineering proper- ties of fine to coarse, dry, very dense silty sand.	XW				8,2,30/50 N=>50	SPT
2	20.34				MINOR INTERLAYERS OF CONGLOMERATE, SAND- STONE AND SILTSTONE. BEDDING <10 DEGREES HW - MW zone.	HW				Is (50)=0.07MPa	x
3	18.72		(24) 87		DEFECTS MAINLY HORIZONTAL (0-15 degrees) AND OCCASIONAL VERTICAL (85 degrees).	HW				Is (50)=0.29MPa	x
4	18.09		(46) 100		MW CONGLOMERATE / AGGLOMERATE GREY TO GREY BROWN, FINE TO COARSE GRAIN -ED MASSIVE PROCLASTIC/SEDIMENTARY ROCK.	MW				Is (50)=0.20MPa	x
5					END OF HOLE						
6											
7											
8											
9											
10											

REMARKS : *See attached list for defect descriptions.

LOGGED BY
DISS

DEFECT DESCRIPTIONS OF BORELOGS

[FOR GEOTECHNICAL TERMS AND SYMBOLS]

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SHEET :	1 of 1
REFERENCE NO :	H8164

PROJECT : SOUTH EAST TRANSIT PROJECT - SECTION 2

LOCATION : 3949.705E 162332.373N

PROJECT NO : C60117 SURFACE R.L. : 22.24 DRILLER : DALY BROTHERS PTY LTD

JOB NO : 650302CN DATUM : AHD DATE DRILLED : 28/11/97

DEPTH	DEFECT TYPE	DIP (Degrees)	PLANARITY	ROUGHNESS	APERTURE	WALL ALTERATION	OTHER
3	J	15	Ir	R			Cn
3.32	J	15	Ir	R			Cn
4	J		Ir	R			Cn
4.39	J		Ir	R	T		Cn

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	Cl	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.

BUS TRANSIT TUNNEL - PACKAGE TWO

HOLE 226
START 1.50
END 4.15

H 8164
1 OF 1
DEC 1997

C60117

