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ENGINEERING BORELOG

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

BOREHOLE No : <u>3</u>
SHEET : <u>1</u> OF <u>2</u>
REFERENCE No : <u>H8209</u>

PROJECT : NUNDAH BYPASS GEOTECHNICAL INVESTIGATION
 LOCATION : 40527.477E 38716.61N
 PROJECT No : MP1037 SURFACE R.L. : 18.88 DRILLER : Daly's
 JOB No : _____ DATUM : AHD DATE DRILLED : 19/02/98

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE DRILLING 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	VH	H				
0	18.88				CONCRETE									
1	18.58				SANDSTONE XW - Grey with red mottling (formation of harder ironstone concretions throughout) deeply weathered, fine to medium grained with the engineering properties of a very stiff sandy clay.								13,13,13 N=26	10
2			100		No bedding or defects evident.								WD=2.14t/m3 MC=18.8% LL=60.2% PI=33.8% USC=CH (Clay)	20
3			100		Occasional xw shale interbeds in parts.									30
4			87											40
5			100											50
6														60
7	12.38		100		SHALE DW - Grey, fine grained, thinly bedded bedding subhorizontal. Very low to low strength with medium to high strength sandstone beds from; 7.5-7.8, 8.6-8.8								Is(50) = 0.14 MPa	70
8			100										High strength cemented sandstone bands Is(50) = 0.33MPa	80
9													Vertical defect with 10mm clay infill High strength cemented sandstone Band	90
10	8.88													100



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BOREHOLE No : 3
SHEET : 2 OF 2
REFERENCE No : H8209

PROJECT : NUNDAH BYPASS GEOTECHNICAL INVESTIGATION
LOCATION : 40527.477E 38716.61N
PROJECT No : MP1037 SURFACE R.L. : 18.88 DRILLER : Daly's
JOB No : _____ DATUM : AHD DATE DRILLED : 19/02/98

DEPTH (m)	R.L. (m)	RIGGING METHOD () CORE REC†	RQD (%)	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH				DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
						EH	VH	H	M				
10	8.88												
	8.58		100	DW SHALE (Cont).	DW							Is(50) = .46 MPa	o
				END OF HOLE									
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

REMARKS : _____

LOGGED BY J. Martin

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