ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 9
SHEET : 1 OF 2
REFERENCE No : H8215

PROJECT : NUNDAH BYPASS GEOTECHNICAL INVESTIGATION
LOCATION : 40387.541E 38861.265N
PROJECT No : MP1037 SURFACE R.L. : 20.89 DRILLER : DALY'S
JOB No : DATUM : AHD DATE DRILLED : 06/02/98

DEPTH (m)	R.L. (m)	AUGER / CORE DRILLING / CASING / OTHER	RQD ( )% CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH (EH VH H M L VL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	20.89											
1					RESIDUAL SOIL Red, very stiff, moist silty to sandy clay.	RS					10,6,10 N=16	SPT
	19.39											
2					SANDSTONE XW - Grey with red mottling due to formation of harder ironstone concretion in parts. Very low strength, fine to medium grained with engineering properties of a very stiff to hard sandy clay. (USC=SC-GC)						5,9,11 N=20	SPT
3											MC=12% WD=2.14t/m3	
4			100								LL=41.4% PI=22.4%	
5			100			XW						
6											XW SHALE MC=16% WD=2.14t/m3 LL=51.8% PI=26.6%	
7			100									
8												
9			100								LL=34.4% PI=10.8% MC=17% WD=2.12t/m3	
	11.49											
10	10.89		100		SHALE	XW						

REMARKS :

LOGGED BY
J. MARTIN

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BOREHOLE No : 9
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10	10.89				XW SHALE (cont) Brown becoming dark grey with depth. Very low strength with engineering properties of a very stiff to hard silty clay.	XW					LL=34.6% PI=11.4%	
11			100		No bedding or fissility evident to 11.5m							
12	8.89		100		END OF HOLE						Dark grey, fissile DW band	
13												
14												
15												
16												
17												
18												
19												
20												

REMARKS :

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J MARTIN