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ENGINEERING BORELOG

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)	LOGGING METHOD CORE OTHER	RQD (%)	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH EH VH H M V	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	20.89				RESIDUAL SOIL Red, very stiff, moist silty to sandy clay.	RS					
1										10, 6, 10 N=16	SPT
1.939					SANDSTONE XW - Grey with red mottling due to formation of harder ironstone concretion in parts.						
2					Very low strength, fine to medium grained with engineering properties of a very stiff to hard sandy clay.					5, 9, 11 N=20	SPT
3					(USC=SC-GC)					MC=12% WD=2.14t/m3	
4			100							LL=41.4% PI=22.4%	
5											
6			100			XW				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

ENGINEERING BORELOG

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SHEET : 2 OF 2
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LOCATION : 40387.541E 38861.265N

PROJECT No : MP1037

SURFACE R.L. : 20.89

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JOB No :

DATUM : AHD

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DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE CASING OTHER	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING EH VH VHM H M L	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	10.89										
11			100		XW SHALE (cont) Brown becoming dark grey with depth. Very low strength with engineering properties of a very stiff to hard silty clay. No bedding or fissility evident to 11.5m	XW				LL=34.6% PI=11.4% Dark grey, fissile DW band	
12	8.89		100								
13					END OF HOLE						
14											
15											
16											
17											
18											
19											
20											

REMARKS :

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