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REPORT ON
ELECTRIC FRICTION-SLEEVE CONE PENETROMETER

Test Method No. QMRD 151(B)



MAIN ROADS

Materials Branch, Herston
Geomechanical Services

REPORT No. 2-407SE 895

PROJECT GATEWAY ARTERIAL

SOUNDING No. CP41

REF. No. SE 895

LOCATION E 43439.544, N 41900.159
at approx. Ch. 2299

DATUM AHD

SURFACE RL 2.75 m

JOB No. C13A/7260/1

PROJECT No. 2-407

DATE 5/9/89

CONE RESISTANCE q_c (MPa)										DEPTH (R.L.) (m)	Graphic log	STRATA DESCRIPTION	FRICTION RATIO F_R (%)				
0	1	2	3	4	5	6	7	8	9				10	0	2	4	6
										0.4		Start					
										(2.35)		Stiff silty clay					
										1.25		loose to medium dense silty sand					
										1.80			stiff silty clay becoming very stiff				
										(0.95)		silt with hard silty clay and clay bands					
										2.5			Dense sand				
										(0.25)		Refusal 4.5m					
										4.2							
										(-1.45)							
										(-2.75)							



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CHECKED BY DFM DATE 20/12/89
SIGNATORY DFM DATE 21/12/89

D. F. Marks