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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 897

PROJECT GATEWAY ARTERIAL

SOUNDING No. CP43

REF. No. SE 897

LOCATION E 43543.567, N 42178.479
at approx. Ch. 2600

DATUM AHD

SURFACE RL 2.58 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	8	10
											0.4		Start						
											(2.18)		Stiff silty clay						
											1.00								
											(1.58)		Loose silt						
											2.25								
											(0.33)		Firm clay						
											2.75								
											(-0.17)		Sandy to clayey silt						
											3.1								
											(-0.82)		Stiff clay						
											5.05								
											(-2.47)		Interbedded hard clay and sandy silt						
											6.00								
											(-3.42)		Refusal						



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DATE 20/12/89

SIGNATORY DM (sk)

DATE 21/12/89

D. F. Marks