MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG

Form 23ZL(c) (P) /10/74

PROJECT: FIG TREE POCKET ROAD OVERPASS AND ASSOCIATED STRUCTURES FOUNDATION INVESTIGATION — HOLE No 3

REF. H 4673

LOCATION: Co-ordinates 24739.30N 32260.60E — DATUM AHD

GROUND SURFACE 10.16

JOB No 140/U18/104 — PROJECT No 1/402 — DATE 22/3/79

TYPE OF DRILLING: Solid Augering ☐ 65 mm Hollow Augering ☒ Casing ☒ NMLC Coring ☒

STRATA DESCRIPTION (Soil Type, Lithology, Weathering)	Depth	Field Sample & N Value	R.L. 1:50	Graphic Log	ENGINEERING PROPERTIES: Parameters & Indices	MC(%)x DD(t/m3)o 5 x 15 x 25 x 35 / 1.4o 1.8o 2.2o 2.6
FILL Brown, dry to moist, medium dense clayey gravel,	0.00	A	10.16			
		B 3**				
	1.80		8.36			
CLAY Dark brown, moist, soft to firm, slightly silty, alluvium.	2.15	C	8.01		3/9/79	o x
		D 5				
CLAYEY SAND AND GRAVEL Brown, wet, loose, alluvium with gravel to 30mm in parts. Sand is medium to coarse grained.	3.55	E	6.61		c=0kPa ϕ=27°	o x
		F 2				
		G **				
		H 10				
GRAVELLY CLAY Brown ironstained grey, residual soil.		J 18				
	7.10	K 22	3.06		STRUCTURE	Intact Strength / Defect Spacing (EH VH H M L VL EL; VW W M C V)
PHYLLITE Grey and white, closely (1-10mm) laminated contorted, fine grained metamorphic rock. **HIGHLY WEATHERED** Yellow brown ironstaining throughout. Highly fractured partially due to quartz veining. Moderate amounts of clay occur throughout.	7.70	Core Rec % 74	2.46		Fragmented quartz vein.	
MODERATELY WEATHERED	9.60		0.56		Clay rich Decomposed seam, Quartz vein	

(continued)

REMARKS: ** Sampling unsuccessful.
x Point Load Test

GEOLOGIST
ENGINEER
APPROVED
DATE

38mm TUBE | 76mm TUBE | S.P.T. TEST | WATER LEVEL

NOTE: For other symbols see Appendix I.

Form 23ZL(d)
(P) /10/74

MAIN ROADS DEPARTMENT

ENGINEERING BORE LOG

PROJECT FIG TREE POCKET ROAD OVERPASS AND ASSOCIATED STRUCTURES FOUNDATION INVESTIGATION

HOLE No 3 (cont.)

REF. H 4673

LOCATION

DATUM

GROUND

JOB No PROJECT No DATE

SURFACE

TYPE OF DRILLING: Solid Augering ☐ 65 mm Hollow Augering ☒ Casing ☒ NMLC Coring ☒

STRATA DESCRIPTION (Soil Type, Lithology, Weathering)	Depth	Core Rec. %	R.L. 1:50	Graphic Log	STRUCTURE	ENGINEERING PROPERTIES: Intact Strength (EH VH H M L VL EL) / Defect Spacing (VC C M W VW)
	10.00	100	0.16			
PHYLLITE (CONT.) MODERATELY WEATHERED (CONT.) Moderate ironstaining occurs along moderate to high angle defects and in quartz veins.	10.67	87	0.51			
END OF HOLE						

REMARKS:

GEOLOGIST

ENGINEER

APPROVED G.W. Eaton

DATE 25/10/74

Decomposed | Highly Weathered | Moderately Weathered | Slightly Weathered | Core Loss