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MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

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

PROJECT FIG TREE POCKET ROAD OVERPASS AND ASSOCIATED STRUCTURES
FOUNDATION INVESTIGATION

LOCATION Co-ordinates 24739.30N 32260.60E

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

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

HOLE No 3
REF. H 4673
DATUM AHD
GROUND SURFACE 10.16

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

(continued)

REMARKS ** Sampling unsuccessful.
x Point Load Test

GEOLOGIST
ENGINEER
APPROVED
DATE

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

MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG



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

PROJECT FIG TREE POCKET ROAD OVERPASS AND ASSOCIATED STRUCTURES HOLE No 3 (cont.)
FOUNDATION INVESTIGATION 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		Depth	Core Rec. %	R.L. 1:50	Graphic Log	STRUCTURE	ENGINEERING PROPERTIES									
Soil Type	Weathering						Intact Strength					Defect Spacing				
Lithology		10.00		0.16			EH	VH	H	N	L	EC	VC	C	M	W
PHYLLITE (CONT.)	MODERATELY WEATHERED (CONT.)		100													
	Moderate iron staining occurs along moderate to high angle defects and in quartz veins.	10.67	87	0.51												
END OF HOLE																

REMARKS: GEOLOGIST
ENGINEER
APPROVED
DATE 25/10/79.

Decomposed Highly Weathered Moderately Weathered Slightly Weathered Core Loss