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

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

STRATA DESCRIPTION		Depth	Field Sample & N Value	R.L.	Graphic Log	ENGINEERING PROPERTIES	
Soil Type Lithology	Weathering			1.50 10.00		Parameters & Indices	MC(%) 5 x 15 x 25 x 35 1.4, 1.8, 2.2, 2.6
<u>FILL</u> Brown, moist, soft, sandy clay and gravel.		A					x o
		1.20		8.80			
<u>CLAY</u> Dark brown, moist, soft to firm alluvium.		B	5				
		1.80		8.20			
		1.95		8.05	7/9/79		
		C	**				
<u>CLAYEY SAND AND GRAVEL</u> Brown, wet, medium dense alluvium with gravel to 30mm and coarse to medium grained sand.		D	8				
		E					
		F	6				
		G					
		H	12		$c=20kPa$ $\phi=23^\circ$		
		J	**				
		K	4				
<u>DECOMPOSED</u> Grey green, moist, stiff gravelly clay.		L	19/200				
		8.50		1.50			
<u>HIGHLY WEATHERED</u> Brown staining occurs throughout but is heaviest in defects.		M	20/90*				
		8.70		1.30			
<u>MODERATELY WEATHERED</u> Moderately fractured with brown iron staining along defects.			Core Rec %				
		9.64	100	0.36			
					STRUCTURE	Intact Strength	Defect Spacing
					Zone of quartz veins to 5mm.		
					Clay rich decomposed seam.		

(continued)

REMARKS ** Sampling unsuccessful.


x Point Load Test

GEOLOGIST

ENGINEER

APPROVED

DATE



50mm TUBE



76mm TUBE

2 P.T. TEST

 WATER LEVEL

MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG



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

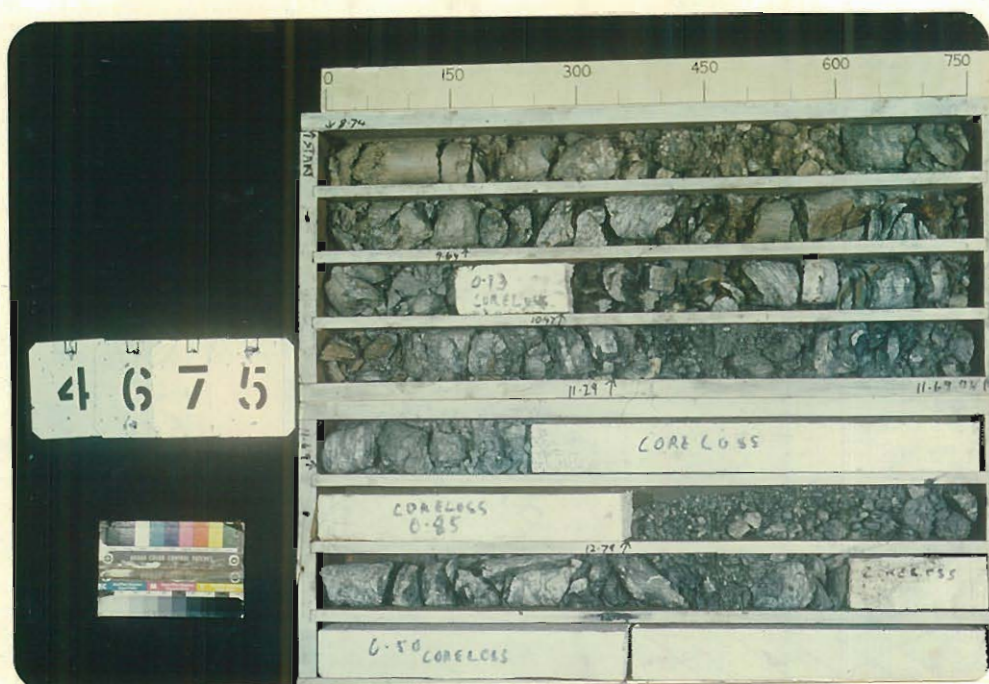
PROJECT FIG TREE POCKET ROAD OVERPASS AND ASSOCIATED STRUCTURES HOLE No. 5 (cont.)
FOUNDATION INVESTIGATION REF. H 4675
LOCATION DATUM
GROUND
JOB No PROJECT No DATE SURFACE
TYPE OF DRILLING: Solid Augering ☐ 65 mm Hollow Augering ☐ Casing ☐ NMLC Coring ☐

STRATA DESCRIPTION		Depth	Core Rec. %	R.L.	Graphic Log	STRUCTURE	ENGINEERING PROPERTIES												
Soil Type Lithology	Weathering			1:50			0.00	Intact Strength						Defect Spacing					
								CH	VH	H	M	LC	EC	VC	C	M	W	WW	
PHYLLITE (CONT.)	MODERATELY WEATHERED (CONT.)	10.00	84			Decomposed seam (cont.)													
		11.20	100	-1.20		Quartz vein.													
	SLIGHTLY WEATHERED Very highly fractured rock showing no ironstaining but some insipient clay formation. No major infillings were noted in the defects.		43			Quartz vein													
		14.29	67	-4.29															
END OF HOLE																			

REMARKS: GEOLOGIST
ENGINEER
APPROVED
DATE 25/10/79

Decomposed Highly Weathered Moderately Weathered Slightly Weathered Core Loss

PLATE 1



HOLE 5

8.74m-9.64m
H.W. Phyllite
9.64m-11.20m
M.W. Phyllite
11.20m-14.29m
S.W. Phyllite