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# MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT FIG TREE POCKET ROAD OVERPASS AND ASSOCIATED STRUCTURES HOLE No 9  
FOUNDATION INVESTIGATION REF. H 4679  
 LOCATION Co-ordinates 24714.06N, 32338.27E DATUM AHD  
 JOB No 140/U18/104 PROJECT No 1-402 DATE 9,10/4/79 GROUND SURFACE 8.58  
 TYPE OF DRILLING: Solid Augering  50mm Hollow Augering  Casing  NMLC Coring

STRATA DESCRIPTION		Depth	Field Sample & N Value	R.L.	Graphic Log	ENGINEERING PROPERTIES		
Soil Type Lithology	Weathering					Parameters & Indices	MC(%) 5 x 15 x 25 x 30 1.4 1.8 2.2 2.6	DD(t/m <sup>3</sup> ) o
<u>SILTY CLAY</u> Dark brown, moist, soft to firm alluvium.		0.00		8.58				
		0.65A		7.93	3/2/79			
		B	2					
		C			σ <sub>v</sub> = 40 kPa φ = 2°	o	x	
		D	28					
		3.30	20	5.28	STRUCTURE			
<u>DECOMPOSED</u> Grey-green, moist medium dense clayey silt.		3.53	80*	5.05				
Grey and white, closely laminated (1-10mm) contorted, fine grained metamorphic rock.  <u>HIGHLY WEATHERED</u> Fractured and brown ironstained rock with kernels of moderately weathered rock.			100		Quartz veins			
			84					
			66					
			68				Fragmented quartz vein.	
<u>MODERATELY WEATHERED</u> Highly contorted Ironstained in fractures only.		7.74	78	0.84				
		9.24	82	-0.66				
END OF HOLE								

REMARKS ..... GEOLOGIST .....  
 ENGINEER .....  
 APPROVED *G.W. Eades*  
 DATE 25/10/79





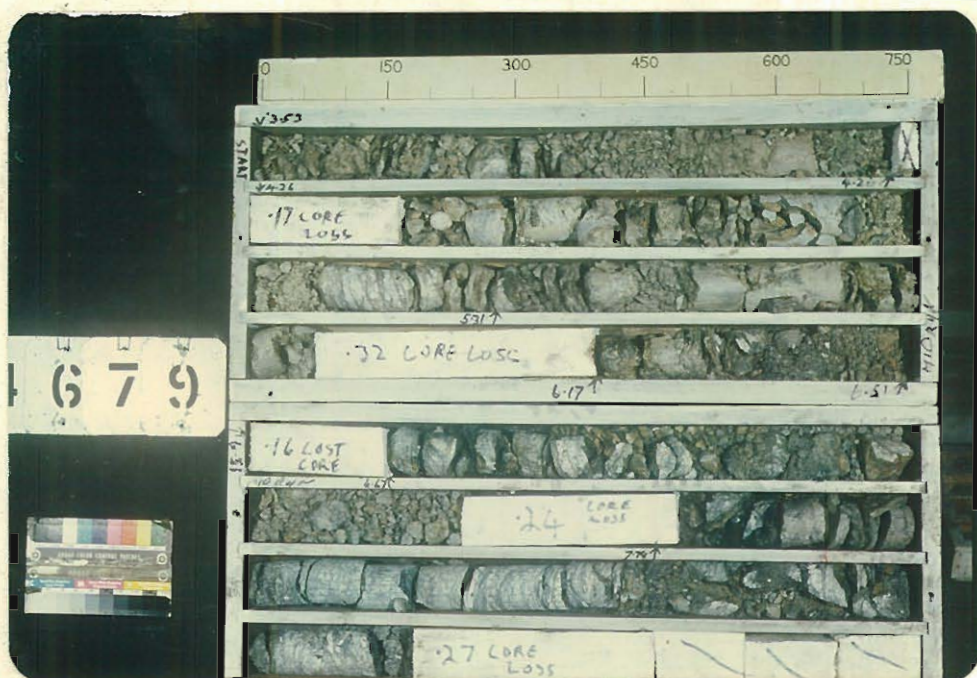
 50mm TUBE   
  76mm TUBE   
  S.P.T. TEST   
  WATER LEVEL

PLATE-2



HOLE 9

3.53m-7.74m  
H.W. Phyllite  
7.74m-9.24m  
M.W. Phyllite