

Engineering log - cored borehole

File No.

project: *Elizabeth Matric College*
borehole location: *As per aerial photo*

hole commenced: *6/7/76*
hole completed:
supervised by: *M.C.W*
log checked by:

drill model and mounting: *Mindrill F20C* slope: *Vart* deg.
barrel type and length: *NX, NQ* fluid *water* bearing: deg.

R. L. surface: m
datum:
Driller *S. Vanker*

drilling information				rock substance			rock mass defects		
method	case-lift	water	depth metres	substance description rock type: grain characteristics, colour, structure, minor components.	weathering	strength Is (50)	defect spacing mm	defect description thickness, type, inclination, planarity, roughness, coating. particular general	
			8						
			9	CLAY med. plastic. CL silty red				Bedding ≈ 30°	
			10	Siltstone red	HW			clay in joints	
			11					Bedding ≈ 30°	
			11.96	Terminating Depth 11.96m					
				Note: Hole blocked at 3.3m. No water present 30/7/76.					

key
method
AS auger screwing
AD auger drilling
R roller/tricone
W washbore
NMLC NMLC core

case-lift
||| casing used
H barrel withdrawn
water
10 Oct, 73 water level date shown
water inflow

graphic log/core loss
core recovered (hatching indicates material)

weathering
Fr - fresh
SW - slightly weathered
MW - moderately weathered
HW - highly weathered
EW - extremely

strength
(indirect tensile strength)
EL - extremely low
VL - very low
L - low
M - medium
H - high
VH - very high
EH - extremely high

21 198