

REF No 18288 ACC 1
 QUAD 82 PURO
 MAP SHEET 83/22 E=525865
 file: N=5252490

2.
 sheet 1 of 2

Elizabeth Matric College
 location: As per aerial photo

hole commenced: 30/6/76
 hole completed: 2/7/76
 supervised by: MCW-W.P.D.
 log checked by:

Drill model and mounting: Mindrill F20C
 hole diameter: NQ mm
 slope: Vert deg. R.L. surface: m
 bearing: deg. datum:
 operator: S. Wanker

method	penetration	support	water	notes samples, tests, etc.	R.L. depth metres	graphic log	classification symbol	material soil type: plasticity or particle characteristics, colour, secondary and minor components.	moisture condition	consistency, rel. density	100 K hand 200 P penetrometer 400 meter	structure and additional observations
123					0.5			Sands, Gravels	M	Fb		Pavement Material
				N(2,6,11)=17	1			Clay high plasticity red		VSt		? EW siltstone
				N > 100	2			Dolomite Stone +40mm	M	H		
				U 75	3		C.H.					
				N(1,14,18)=32	3.9							
Continued on sheet 2												
Note. SPT's were actually carried out in B.H.2A, 4m S.W of B.H.2												

key	support	notes	classification symbols and soil description	consistency/relative density
Method	C casing M mud	— samples and tests	based on unified classification system	VS — very soft S — soft F — firm St — stiff VSt — very stiff H — hard Fb — friable VL — very loose L — loose MD — moderately dense D — dense VD — very dense
123 auger screwing* auger drilling roller/tricone washbore cable tool	penetration 123 no resistance ranging to refusal	U50 — undisturbed sample 50 mm diameter D — disturbed sample N — standard penetration test: figure = result N* — SPT + sample Nc — cone penetrometer H — barrel withdrawn	moisture D — dry M — moist W — wet	
* bit shown by suffix: — blank bit — "V" bit — TC bit — ADT	water 10 Oct, 73 water level on date shown water inflow water outflow			

File No.

Elizabeth Matric College
 location: As shown on aerial photo

hole commenced: 30/6/76
 hole completed: 2/7/76
 supervised by: M.C.W. - W.P.D.
 log checked by:

drill model and mounting: Mindrill F20C slope: Vert deg.
 barrel type and length: NQ fluid/water bearing: deg.
 R. L. surface: m
 datum:
 Driller: S. Wanker

drilling information		rock substance			rock mass defects		
method	case-lift	L depth R: 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
		3.9 -	Continued from Page 1				
		4	Siltstone				
		5	red mottled	E.W.			Bedding Planes 20°-30° vertical seams infilled
		6	brown				
		7	brown/red.	E.W.			Fracture Planes 30°
			Terminating Depth 7.7m				
			Note: water level 30/6/76 at -0.2m B.H 2A, 4m S.W. of B.H 2 was blocked at -0.7m. - no water present				

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key	case-lift	water	graphic log/core loss	weathering	strength (indirect tensile strength)
method	casing used H barrel withdrawn	10 Oct, 73 water level date shown water inflow partial drilling water loss complete drilling water loss	core recovered (hatching indicates material) no core recovered	Fr - fresh SW - slightly weathered MW - moderately weathered HW - highly weathered EW - extremely weathered	EL - extremely low VL - very low L - low M - medium H - high VH - very high EH - extremely high