

QU 82
MAP 83122
ACC 2
ROTARY { E 520180
 N 5264850

REF No 18723

borehole no:
P1
sheet 1 of 1

engineering log - borehole

2=

43 003


file:

project: **OLD BEACH ROAD**
JORDAN RIVER BRIDGE
 borehole location: **(SEE PLAN) CH 1502.1m 5.6m Downstream**
 hole commenced: **13-8-76**
 hole completed: **13-8-76**
 supervised by: **T. S.**
 log checked by: **W.K.**

drill model and mounting: **MAYHEW 1000** slope: **Vert.** deg. - R.L. surface: **0.00** m
 hole diameter: **150** mm bearing: - deg. - datum: **State** operator: **Hassel**

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 kPa hand penetrometer	structure and additional observations
			0							
			-2.15			WATER				
W			-4			Black clayey silt				
W			-6							
			-12			Black clayey silt				
R			-14.25							
			-16	V V V V V V V		Weathered Basalt				Inferred
			-17.76							
			-18			Fresh Basalt				END Inferred

Key
method
 AS auger screwing*
 AD auger drilling*
 R roller/tricone
 W washbore
 CT cable tool
 * bit shown by suffix:
 B - blank bit
 V - "V" bit
 T - TC bit
 ADT

support
 C casing
 M mud
penetration
 123 no resistance ranging to refusal

 water level on date shown
 water inflow

notes - samples and tests
 U50 - undisturbed sample 50 mm diameter
 D - disturbed sample
 N - standard penetration test; figure = result
 N* - SPT + sample
 Nc - cone penetrometer

classification symbols and soil description
 based on unified classification system
moisture
 D - dry
 M - moist
 W - wet

consistency/relative density
 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