QV 82
MAP 83122
E 520180
N 5267850
ACC 2
2 ROTARY

REF No 18724

Research Division

engineering log – borehole

borehole no: P2
sheet 1 of 1

43 004

file:

OLD BEACH ROAD
project: JORDAN RIVER BRIDGE
borehole location: (SEE PLAN) CH 1501.7m 3.6m Upstream

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
hole diameter: 150 mm

slope: Vert deg. –
bearing: — deg. —

R.L. surface: 0.00 m
datum: State
operator: Hassel

method	penetration 1 2 3	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	hand penetrometer kPa 100 200 300 400	structure and additional observations
					0			WATER				
				-2.15	-2							
W					-4			Black clayey silt				
					-6							
					-8							
W					-10							
					-12							
				-13.77								
R					-14	V V V V V V		Weathered Basalt				Inferred
				-15.62								END
					-16			Fresh Basalt				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
e.g. ADT

support
C casing
M mud

penetration
1 2 3
no resistance ranging to refusal

water
10 Oct, 73 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