

ENGINEERING LOG - CORED BOREHOLE

37 184

project **SELFS POINT WHARF - NEWTOWN** location **HEADSTOCK No 3**

co-ordinates **S 256200m N**
526870m E
R.L.
inclination **VERTICAL**
bearing

drill type **GEMCO**
drill method **N. Q**
drill fluid

hole commenced **13 OCTOBER 1986**
hole completed **15 OCTOBER 1986**
drilled by **W. WEST/G. BAKER**
logged by **R. C. DONALDSON**
checked by **A. L. TELFER**

drilling information				rock substance			rock mass defects							
case lift	fluid loss	water	notes	lugesons	metres	depth	graphic log	substance description rock type: grain characteristics, colour, structure, minor components.	weathering	strength	defect spacing mm.	defect description		
												0.3	1	10
							YY	BASALT: fine grained, grey and brown, vesicular.	HW					
						27	YY	Similar to above, but massive.	HW					
						29	YY	as above, but vesicular.	SW					
						31	VV							
						33	VV							
						35	VV							
						37	YY	as above, but grey in colour and massive.	SW - FR					
						39	VV							
								HOLE TERMINATED AT REQUIRED DEPTH OF 40.0m IN BASALT.						

inner fuse not starting correctly

Most defects are joints. The dominant set are sub-horizontal (right angles to core axis). Set 2 occur at 30° - 60° to core axis with some near vertical. Joints are irregular, rough, and generally tight (< 1mm), but up to 2mm. Joint planes are frequently coated with calcite. Vugs lined and infilled with calcite/carbonate minerals