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SUB SURFACE EXPLORATION - LOG OF BORE

Project FOUNDATION INVESTIGATION Location BOTANIC GARDENS - BRISBANE  
Type & Size Bore GEMCO - 4" & 1/2" N.X. SIZE Co-ordinates G.S. RL +0.9

Job No. 1787B

Test Bore No. 102

Date 13-4-66

MC	U/W	Qu. (Triax Sheet)	N	Core Rec. %	RL +0.9	Depth	Log	Sample & Pressure	Classification & Physical Condition
						10			CLAY - SILT - Dk. grey, very soft, marine silty clay to clayey silt, of high plasticity. CH - MH.
					-13.1	14'0"		2" TUBE	Dark grey, soft, marine, silty clay of high plast, with laminae of light grey-green silt. Some shells and peat present. CH.
					-24.1	25'0"		2" TUBE	Grey, soft to firm, clay of high plast, with interbeds of stone & some timber. CH.
					-29.6	30'0"		2" TUBE	GRAVEL - And clay mixture. GW.
					-31.1	32'0"			Fine to med. sized gravel. GW.
					-32.1	33'0"			Medium to large sized (to 2") alluvial gravel with occasional thin lenses (to 1" thick) of silty clay. Gravel running in casing. GW.
					-46.1	47'0"			CLAY - SAND - Firm, sandy clay to clayey sand. Sand is fine grained. SC.
					-48.1	49'0"			SAND - Very firm, well graded, fine grained sand, becoming less dense with depth. SW.
			37			60		S.P.T.	
						70		S.P.T.	
					-74.1	75'0"		S.P.T.	GRAVEL - Firm, medium to large diameter, well graded, alluvial gravel. GW.
					-84.1	85'0"		S.P.T.	RUBBLE - Soft & hard patches of porous material. Rough drilling. Possible mixture of gravel and decomposed phyllite.
					-90.1	91'0"			PHYLLITE - Very weathered grey phyllite with seams of brown quartz.
					-93.1	94'0"			Y. firm to hd., slate grey phyllite with contorted bedding app. 15° & numerous quartz seams. Some iron staining in joints.
					-97.1	98'0"			Firm, grey phyllite, easily broken, with large irregular quartz seams (to 1" thick).
					-99.1	100			Hard, grey, slaty phyllite with some quartz seams. Bedding at 60° to 70°.
					-101.1	102'0"		Sample A.	
					-105.6	106'0"			

NOTE

This section was successfully cored. However, the core barrel dropped off the barge when it moved due to the wash of a passing ship. The core barrel was recovered, but the core was missing.

Refusal.

See Note  
1022  
105,500 lb/ft<sup>2</sup>  
(6.85 p.s.i.)