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MAIN ROADS DEPARTMENT

H860

Form 232L
(P/4/66)

DRILLING REPORT

PROJECT SOUTH EAST FREEWAY GEOTECHNICAL INVESTIGATION PROJECT No. 2-35
 DISTRICT No. 13 SHIRE BRISBANE CITY HOLE No. B5
 ROAD SOUTH EAST FREEWAY JOB No. 140/EOO2B/UO4.2
 LOCATION 88013 N 132291 E RL DATUM B.C.C.

TYPE AND SIZE OF DRILLING 0-4.8' 2" Hollow Auger, COLLAR -
 8'-41.6' NMLC Diamond Drilling GROUND SURFACE... 66.0...
 DATE DRILLED 12-16th May, 1969. ROCK SURFACE... 50.6...
 BOTTOM OF HOLE... 24.4...
 WATER TABLE... 55.8...

DEPTH 1"=	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
2.7			HIGHLY WEATHERED CONGLOMERATE	grey, very dense, coarse grained sedimentary rock		
4.0				yellow	* 66 blows	B S.P.T.
4.5				ironstained		
4.8				in part	** 40 blows	C S.P.T.
5.7	70			sandstone and shale		
6.7	57			bands throughout		
8.7	41			gravel fraction,		
9.7	41			ironstained, angular,		
10.7	50			chert pebbles to 2"		
11.7	0			in diameter in soft,		
12.7	25			sandy matrix		
14.2	17			12.5'-13.5' sandstone		
15.2	67			bands		
15.4						
17.2	100		MODERATELY WEATHERED SANDSTONE	grey, hard, medium to coarse grained sedimentary rock, yellow ironstained in part		
19.2	82			bedding subhorizontal		
23.0	60			occasional high and low angle joints, clayey infilling in some joints		
24.2	14			15.4'-15.6') soft shaly		
				16.2'-16.4') bands		
27.2	57			19.1'-19.3' soft shaly band		
29.2	0			21.0'-24.2' soft conglomeritic bands		
30.2	100			24.2'-24.8' soft carbonaceous shaly bands		
				24.8'-25.0' shaly band		
34.2	95			25.5'-29.2' conglomeritic bands in soft matrix		
33.5						

(continued)

COLLAR PLANT
 MARKS * S.P.T. 66 blows for 0.8' penetration
 ** S.P.T. 40 blows for 0.3' penetration

DATE GEOLOGIST APPROVED DATE

SOUTH EAST FREEWAY DRILLING REPORT

PROJECT GEOTECHNICAL INVESTIGATION
DISTRICT No. SHIRE
ROAD
LOCATION
TYPE AND SIZE OF DRILLING
TE DRILLED

PROJECT No. 2-35
HOLE No. B5 (continued)
JOB No.
RL DATUM
COLLAR
GROUND SURFACE
ROCK SURFACE
BOTTOM OF HOLE
WATER TABLE

DEPTH 1"= 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
36.2	8		HIGHLY WEATHERED CONGLOMERATE	30.6'-31.5' minor fissile clayey carbonaceous bands		
36.9	0			31.5'-33.5' shale with sandy interbands		
39.1	29			grey, dense, coarse grained sedimentary rock yellow ironstained in part		
41.6	17			gravel component, ironstained angular chert pebbles to 6" in diameter in soft, sand-clay matrix		
				END OF HOLE		

ILLER B.T. E.C. L.W. PLANT M.R.D. GEMCO 10455
MARKS
GEOLOGIST APPROVED. H.F. Chittall DATE 23/1/70