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## MAIN ROADS DEPARTMENT

4746  
Form 23ZL  
(P/4/66)

## SOUTH EAST FREEWAY DRILLING REPORT


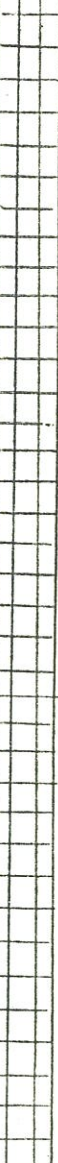
PROJECT ... GEOTECHNICAL INVESTIGATION ...  
DISTRICT No. ... 13 ... SHIRE BRISBANE CITY  
ROAD ... SOUTH EAST FREEWAY  
LOCATION ... 84976N 137098E

PROJECT No. ... 2-35 ...  
HOLE No. ... C23  
JOB No. ... 140/EO02C/U04.2  
RL DATUM ... B.C.C.

TYPE AND SIZE OF DRILLING ... 0-5.0' 2" Hollow  
Auger 5.0'-40.2' NMLC Diamond Drilling

COLLAR ... -  
GROUND SURFACE... 98.4  
ROCK SURFACE ... -  
BOTTOM OF HOLE... 58.9  
WATER TABLE... 93.7

DATE DRILLED ... 1-4th August, 1969.

DEPTH 1"=5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
2.5			DECOMPOSED SANDSTONE	grey, moist, crumbly, sand fraction fine to medium grained		
3.2					A	Tube
4.5				0.0'-3.2' firm, moist, clay		
5.2				*40 blows	B	SPT
9.1	60		HIGHLY WEATHERED SANDSTONE	grey to white, hard massive sedimentary rock		
				composed of fine to medium grained quartz in white clayey matrix		
14.1	100			red ironstained in parts		
19.1	55					
22.8	16					
23.4	100					
26.5	70			grey, hard, fissile, sedimentary rock soft in parts		
29.3	78			bedding dips approx. 10°		
32.9	100			30.3'-32.5' brown ironstained band		

(Continued)

DRILLER ... PLANT ...  
REMARKS ... \* S.P.T. 40 blows for 0.2' penetration

DATE ... GEOLOGIST ... APPROVED ... DATE ...  
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MAIN ROADS DEPARTMENT  
ENGINEERING BORE LOG

Form 23ZL(a)  
(P) /4/72

PROJECT SOUTH-EAST FREEWAY GEOTECHNICAL INVESTIGATION HOLE No. C23  
LOCATION Grid Reference 84976N 137098E DATUM B.C.C.  
GROUND SURFACE 98.4  
PROJECT No. 2-35 REF. N. 746A  
TYPE OF DRILLING 2" Hollow Auger NMLC Diamond Drilling DATE 1-4/8/69 WATER TABLE 93.7

Moisture Content (%) MCx-x-x Dry Density (P.C.F.) DD G-o-o	Soil Parameters	Field Sample	1" RL 98.4	Graphic Log	Description of Strata
					CLAY white to grey, moist, stiff.
	N240	B	93.2		DECOMPOSED SANDSTONE grey, moist, dense, clayey sand, fine to medium grained.
		60			MODERATELY WEATHERED SANDSTONE grey to white, hard massive sedimentary rock. composed of fine to medium grained quartz in white clayey matrix. red ironstained in parts.
		100			
		55			
		16	75.6		
		70			HIGHLY WEATHERED SHALE grey, hard, fissile, sedimentary rock. soft in parts. bedding dips approx. 10°.
		78			71.1 to 68.1, 61.7 to 58.2, black carbonaceous bands.
		100			68.1 to 65.9 red iron-stained.
		50			
		63			
		100	58.2		
					END OF HOLE

REMARKS:

1 1/2" TUBE 3" TUBE S.P.T. TEST GEOLOGIST C.O.B. ENGINEER m.f.d.