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MAIN ROADS DEPARTMENT

Form 23ZL
(P/4/66)

RIVERSIDE EXPRESSWAY BILLING REPORT

H1605

PROJECT . SECTION G FOUNDATION INVESTIGATION . PROJECT No. . 2-85 .
DISTRICT No. 14 . SHIRE BRISBANE CITY . HOLE No. . 9 .
ROAD . . RIVERSIDE EXPRESSWAY . . JOB No. . 140/EO09F/U04.2 .
LOCATION . GRID REFERENCE . RL DATUM . B.C.C. .
 . 50907E ; 49337 N . COLLAR . . - .
TYPE AND SIZE OF DRILLING 0-30.1' 2" Hollow Auger, GROUND SURFACE . 39.2 .
30.1'-49.3' NMLC Diamond Drilling . ROCK SURFACE . -0.8 .
 BOTTOM OF HOLE . -13.3 .
DATE DRILLED . 28th June . 1971 . . WATER TABLE 32.7 on 29/6/71

DEPTH 1" = 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
2.5			CLAYEY SAND	brown mottled grey, moist to saturated, medium dense, 19 blows very fine grained to fine grained	A	Tube
3.8					B	S.P.T.
4.2						
5.8					C	Tube
7.5						
8.8					D	S.P.T.
9.2						
10.8					E	Tube
12.5						
13.8					F	S.P.T.
14.2			GRAVELLY CLAY	brown mottled grey, saturated, hard pebbles consist of angular quartz and argillite to 2ins. 39 blows	G	Tube
15.8					H	S.P.T.
17.5						
18.8					J	Tube
19.2						
20.8					K	S.P.T.
22.5						
22.8						
24.2						
25.8						
			HIGHLY WEATHERED ARGILLITE	brown, soft, laminated fine grained sedimentary rock, slightly metamorphosed bedding dips 60° broken clayey core throughout with breaks multidirectional		
29.2						
30.1					L	S.P.T.
33.2	57					
35.6	86					

(continued)

DRILLER PLANT
REMARKS . . . * 39 blows recorded for 0.3' penetration

DATE GEOLOGIST APPROVED DATE

MAIN ROADS DEPARTMENT

H1605

Form 232L
(P/4/66)

DRILLING REPORT

RIVERSIDE

PROJECT EXPRESSWAY SECTION G FOUNDATION
INVESTIGATION

DISTRICT No. SHIRE

ROAD

LOCATION

TYPE AND SIZE OF DRILLING

DATE DRILLED

PROJECT No. 2-85

HOLE No. 9 (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
39.9	31		HIGHLY WEATHERED ARGILLITE			
42.0	100		MODERATELY WEATHERED ARGILLITE	grey, moderately hard, laminated, fine grained, sedimentary rock, slightly metamorphosed		
45.8	96			bedding dips 60°		
49.2	100			40.0'-42.0' 8 breaks per foot mostly parallel to bedding		
52.5	95			42.0'-52.5' 4 breaks per foot mostly subhorizontal and parallel to bedding		
				51.8'-52.5' soft broken, clayey band		
				END OF HOLE		

DRILLER L.W. J.N. D.J. PLANT. MRD GEMCO 11167

REMARKS

DATE 14/7/71 G.W. EADES GEOLOGIST APPROVED. R. J. Chubb DATE 19.10.71