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HOLE No. 75

REF. R 4956

EQUUM AND

DATE 1/11/80 SURFACE RL. -2.70

Casing	Depth (m)
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100
11	110
12	120
13	130
14	140
15	150
16	160
17	170
18	180
19	190
20	200
21	210
22	220
23	230
24	240
25	250
26	260
27	270
28	280
29	290
30	300
31	310
32	320
33	330
34	340
35	350
36	360
37	370
38	380
39	390
40	400
41	410
42	420
43	430
44	440
45	450
46	460
47	470
48	480
49	490
50	500
51	510
52	520
53	530
54	540
55	550
56	560
57	570
58	580
59	590
60	600
61	610
62	620
63	630
64	640
65	650
66	660
67	670
68	680
69	690
70	700
71	710
72	720
73	730
74	740
75	750
76	760
77	770
78	780
79	790
80	800
81	810
82	820
83	830
84	840
85	850
86	860
87	870
88	880
89	890
90	900
91	910
92	920
93	930
94	940
95	950
96	960
97	970
98	980
99	990
100	1000

ENGINEERING PROPERTIES				STRUCTURE	GRAPHIC LOGS	CORE REC % R.O.D. 1%	Depth & R.L. () 1.50 0.0	STRATA DESCRIPTION	
Intact Strength		Defect Spacing						SOIL TYPE OR WEATHERING	LITHOLOGY
1	2	3	4				(-2.10)		
						< 1			
						< 1			
						20 140	7.00 9.4)	HIGHLY WEATHERED gray, defects iron stained	MASSIVE ROCK
						(0) 46	8.5 10.2)	MODERATELY WEATHERED fractured along horizontal "cleat" contains numerous beds of black carbonaceous shale and gray shale to 40cm some defects iron stained.	COARSE BLOCKY MASSIVE ROCK

GEOLOGICAL ENGINEERING

ENGR.

801	15	100	100	WEATHERED	☒ EFFICIENCY	☐ MODERATELY	Water	NO. 1
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MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GALLERY BRIDGE

LOCATION

Form 232L (d)

(P) 7/3/78

Sheet 2 of 2

HOLE No. DE (cont)

REF. H 49/6

DATUM AFD

SURFACE RL.

JOB No.

PROJECT No. 1/1/54

DATE

TYPE
OF
DRILLING

Hollow Auger

Depth
(in)

Casing

Depth
(in)

Coring

Depth
(m)

Depth
(m)

ENGINEERING PROPERTIES		STRUCTURE	GRAPHIC LOG	CORE REC. % R.Q.D. () %	Depth & R.L. () 1-50 10.0	STRATA DESCRIPTION	
Impact Strength	Defect Spacing					SOIL TYPE OR WEATHERING	LITHOLOGY
				(0) 80	(-2.4)	MODERATELY WEATHERED	COAL (cont.)
		Coal		(33) 100	11.1 (-13.5)	MODERATELY WEATHERED Grey, bedding dips 0-10°, most defect parallel to bedding clay coated	SHALE very fine-grained grey fissile rock
		Clayey seams Coal		(59) 100			
		Coal Soft clayey band		(15) 100			
		Coal		(95) 100	16.8		
				(98) 100	(-19.2)	SLIGHTLY WEATHERED Grey massive rock defects rare	SANDSTONE fine-grained massive rock
		High angles defect fresh surface		(94) 100	19.8		
		Sandstone band			(-22.2)		

REMARKS

GEOL.

ENGR.

APPR.

SPR	Core loss	WEATHERED	Extremely Weathered	Moderately Weathered	Water level	NOTE
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Coring

Depth

Casing

02/11/16

Sept.

(m)

ENGINEERING PROPERTIES		STRUCTURE	GRAVIM LOG	CORE REC % R.Q.D. ()%	Depth & P.L. () 1.50 20.0	STRATA DESCRIPTION	
Intact Strength	Defect Spacing					SOIL TYPE OR WEATHERING	LITHOLOGY
				(98) 100	22.4	SLIGHTLY WEATHERED Gray with clay matrix, contains numerous sandy seams to 10mm Bedding dips 0-10° Defect rare	
				(83) 100			
		Shear zone, soft clayey zone with plasticity index 13-15		(55) 100	23.15 -25.55	SLIGHTLY WEATHERED Gray, fissile rock vertical defect with clay infilling	
				(85) 100	24.4 -26.0	SLIGHTLY WEATHERED Gray with clay matrix contains thin shale interbeds to 20mm Bedding dips 0-10° rare defects parallel to bedding Defect surfaces fresh	
		Slonely spaced tefers dipping 20-45° defect surface fresh		(78) 100	27.15 -29.55	SLIGHTLY WEATHERED interbedded sandstone and shale sequence Defects rare	
				(95) 100	29.6		
					32.0	END OF BOLE	

APPR. 22/10/19