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PROJECT GARDRAIL BRIDGE

(P) 13/79

Sheet 1 of 2

LOCATION: Plat 6 (B), 10NRS, 15 m right of centreline  
 P 74704.095 E 4559.428

HOLE No. B11

REF. D 4959

DATUM AHD

JOB No. 140/114/114 PROJECT No. 1/114

DATE 6/11/80 SURFACE RL -7.9

TYPE OF DRILLING: Hollow Auger  
 Depth (m): [ ]  
 Casing: [ ]  
 Depth (m): [ ]  
 Depth (m): [ ]

ENGINEERING PROPERTIES		STRUCTURE	CORE REC % R.O.D ( )%	Depth & RL ( )	STRATA DESCRIPTION	
Intact Strength	Defect Spacing				SOIL TYPE OR WEATHERING	LITHOLOGY
20 15	10 5					
				(-7.9)		
			20* 150	6.10 (-14.0)		
			(0) 50		Highly weathered Brown and grey, clayey bedding dips 0-10° Defects dip parallel to bedding and subvertical	Detailed cross-sectioned illustration see secondary books
			(0) 10		Defect surfaces coated with clay iron oxide Occasional coal seams to 1mm	
			(0) 100			

REMARKS: [ ]  
 GEO. ENCH. APPR. [ ]

NOTE FOR OTHER SYMBOLS: [ ]

PROJECT UNDAVY BRIDGE

(F) 7/3/79

Sheet 2 of 5

LOCATION

HOLE No. 311 (Cont.)

REF # 4959

DATUM MB

SURFACE RL

JOB No

PROJECT No. 1/191

DATE

TYPE OF DRILLING

Hollow Auger

Depth (m)

Casing

Depth (m)

Coring

Depth (m)

Depth (m)

ENGINEERING PROPERTIES		STRUCTURE	CORE REC % R.O.D. ( )%	Depth & RL ( )	STRATA DESCRIPTION	
Intact Strength	Defect Spacing				SOIL TYPE	LITHOLOGY OR WEATHERING
		Interbedded coal and carbonaceous shale coal highly fractured along horizontal and vertical cleat.	(0) 100	-17.9	HIGHLY WEATHERED	
		Shear zone, intersecting sub-vertical defects slickensided	(0) 85	-19.9	MODERATELY WEATHERED Grey, defects parallel to bedding or subvertical.	
		Shear zone intersecting, defects dipping 60°, coated with clay slickensided	(0) 88	-21.17	MODERATELY WEATHERED Grey, defects sub-horizontal slickensided	
		Shear zone numerous closely spaced sub-vertical defects coated with 2-5mm clay, slickensided	(72) 100	-23.8	MODERATELY WEATHERED Brown iron stained grey clay matrix. Defects dip subhorizontal and sub-vertical	
			(0) 100	-27.4	MODERATELY WEATHERED Dark grey, fissile rock	

REMARKS

GEOL. ENGR. APPR.

SEI	2	Less	Weathered	Partly by	Moderately	Water	NOTE
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LOCATION

JOB No.

PROJECT No. 1/151

DATE

TYPE OF DRILLING

Hollow Auger

Depth (m)

Casing

Depth (m)

Coring

Depth (m)

Depth (m)

ENGINEERING PROPERTIES		STRUCTURE	GRAPHIC LOG	CORE REC. % R.O.D. (1%)	Depth & R.L. (150)	STRATA DESCRIPTION	
Intact Strength	Defect Spacing					SOIL TYPE OR WEATHERING	LITHOLOGY
100	100	Clay seam	(0)	100	(27.9)	bedding dips 0-10°	
			(95)	100	(26.7)	SLIGHTLY WEATHERED Grey, fine-grained, clay matrix contains shale interbed to 40mm thick	
		Shale zone interbedded with sub-horizontal defects clay soiled	(67)	100	(21.92)	Defects mostly sub-horizontal. Defect surfaces mostly fresh	
					(21.02)	AT GROUND	

REMARKS

GEOL. APPR. ENG. APPR.

SP1	CLAY LOSS	WEATHERED	Extremely	Mediocrity	Water	NOTE
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