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PROJECT GANNING BRIDGE

(P) 13/79

Sheet 2 of 5

LOCATION

HOLE No. B17 Cont

REF. H4965

DATUM AID

JOB No.

PROJECT No. 1/454

DATE

SURFACE R.L.

TYPE OF DRILLING

Hollow Auger

Depth (m)

Casing

Depth (m)

Coring

Depth (m)

Depth (m)

ENGINEERING PROPERTIES				GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL ()	STRATA DESCRIPTION		
MC () x		DD (1/m ³) D					PARAMETERS & INDICES	SOIL TYPE OR WEATHERING	LITHOLOGY
x	D	x	D						
						(-10.40)			
					5	11.45			
					17	15.45			
					14	16.45			

REMARKS

GEOLOGICAL APPR.

ENGR.

<input type="checkbox"/> S.P.T	<input type="checkbox"/> Core Loss	<input type="checkbox"/> WEATHERED CONDITION	<input type="checkbox"/> Extremely Weathered	<input type="checkbox"/> Moderately Weathered	<input type="checkbox"/> Water Level	NOTE FOR OTHER SYMBOLS
<input type="checkbox"/> 50 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GATEWAY BRIDGE

(P) 1/3/79

Sheet 3 of 5

HOLE No. B17 Con't

REF. H4965

DATUM AHD

SURFACE R.L.

LOCATION

JOB No.

PROJECT No. 1/454

DATE

TYPE OF DRILLING

Hollow Auger

Depth (m)

Depth (m)

Coring

Depth (m)

Depth (m)

Casing

Depth (m)

Depth (m)

Depth (m)

Depth (m)

ENGINEERING PROPERTIES				GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL () 1:50 20.00	STRATA DESCRIPTION		
MC () x		DD (1/m ³) D					PARAMETERS & INDICES	SOIL TYPE OR WEATHERING	LITHOLOGY
x 0	x 0	x 0	x 0						
						(-20.40)			
					16	21.45			
					10	26.45			
					20	25.95			
					36	21.45			
					25	28.65			
					150	28.95			

REMARKS

GEOLOGICAL APPR.

ENGR.

S.P.T. Core Loss

50 mm

WEATHERED CONDITION

Extremely Weathered

Highly

Moderately Weathered

Slightly

Water Level

NOTE FOR OTHER SYMBOLS SEE APPENDIX

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GATEWAY BRIDGE

FORM 252L (1)

(P) 1/3/79

Sheet 4 of 5

HOLE No. B17 Cont't

REF. R4965

DATUM AND

SURFACE R.L.

LOCATION

JOB No.

PROJECT No. 1/154

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 () %	Depth & R.L. ()	STRATA DESCRIPTION	
Intact Strength	Defect Spacing					SOIL TYPE OR WEATHERING	LITHOLOGY
I H V H M L V L C V C C M W V W E W							
				>50 15 50	30.00 (-30.40)		
				40* >50 100	31.00 (-31.1)	CLAYEY GRAVEL	
				(0) 100	31.70 (-32.10)	Grey, stiff moist containing fragments of soft shale coal and hard chert to 80mm.	
				0		SAND AND GRAVEL	
				(0) 44	33.10 (-33.50)	Brown, loose, wet, clean medium grained sand with 20% gravel to 50mm.	
				(0) 100		HIGHLY WEATHERED	
				0		Black, fragmented clayey rock	
		Mudstone		(14) 100	34.10 (-34.50)	MODERATELY WEATHERED	
		Mudstone		(0) 100		Coal fractured along subhorizontal cleat. Other defects dip at 40°, defect surfaces slickensided, thinly coated with clay.	
		Mudstone		(0) 89	38.0 (-38.40)	SLIGHTLY WEATHERED	
		Crush seam, soft gravelly clay		(32) 100		Greyish brown, defects dip subhorizontal and at 45°. Higher angle defects slickensided, thinly clay coated.	

COAL AND SHALE. coal seams to 100mm thick interbedded with poorly fissile shale & mudstone. Bedding dips 100 approximately.

MUDSTONE fine-grained massive to poorly fissile rock

REMARKS

GEOL. ENGR. APPR.

S.P.T.	Core Loss	WEATHERED CONDITION	Extremely Weathered Highly	Moderately Weathered Slightly	Water Level	NOTE FOR OTHER SYMBOLS
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MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GATEWAY BRIDGE

Form 23ZL (a)

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Sheet 5 of 5

HOLE No. B17 Con't

REF. H4965

DATUM AHD

SURFACE RL.

LOCATION

JOB No.

PROJECT No. 1/154

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 ()%	Depth & R.L. () 1.50 40.00	STRATA DESCRIPTION		
Intact Strength		Defect Spacing						SOIL TYPE OR WEATHERING	LITHOLOGY	
EH	VN	I	M	L	VI	OC	VO	W	VW	FW
						(36) 100	(-40.40)	SLIGHTLY WEATHERED CON'T		
								Becoming more sandy below RL -40.0		
						(70) 80	41.60			
							42.00	END OF HOLE		

REMARKS

GEOLOGICAL ENGINEER APPR. *[Signature]*

S.P.T.
 Core Loss
 WEATHERED CONDITION
 Extremely Weathered
 Moderately Weathered
 Slightly Weathered
 Water Level
 NOTE FOR OTHER SYMBOLS