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PROJECT

NUDGE ROAD BRIDGE

Sheet 1 of 2

HOLE No. 8

LOCATION

Pier 1 - 9m right of bridge control line (along skew)

REF. No. H 6185

43616 E 42533 N

DATUM AHD

JOB No. 140/U13C/201

PROJECT No. 1-611

DATE 18/19-7-89

SURFACE R.L. 4.54

AUGERING METHOD CORE DRILLING CASTING OTHER	DEPTH (m)	STRATA DESCRIPTION		R.Q.D. ( ) % CORE REC. %	GRAPHIC LOG	STRUCTURE	ENGINEERING PROPERTIES	
		R.L.	LITHOLOGY	SOIL TYPE OR WEATHERING			INTACT STRENGTH	DEFECT SPACING
		4.54					HEV H H J	REC VC U M W VW EW
	1		CLAY Grey, stiff, moist brown ironstained in upper 2 metres alluvium. High plasticity (USC=CH).					
	2				A10			
	3				B			
	4	1.10			C14			
	5		EXTREMELY WEATHERED grey, stiff, moist, indurated blocky structure. High plasticity (USC=CH).		D	UU C = 99 kPa $\phi = 9^\circ$ M.C. = 46% D.D. = 1.14 t/m <sup>3</sup>		
	6				E11			
	7		MUDSTONE fine grained, massive, sedimentary rock.		F	UU C = 82 kPa $\phi = 6.5^\circ$ M.C. = 41% D.D. = 1.22 t/m <sup>3</sup>		
	8	-3.46			G13			
	9	-4.50	HIGHLY WEATHERED brown, hard, moist, Silty clay with hard rock kernels to 10mm diam in parts rock structure visible.		H			
			BASALT brown, fine grained massive, volcanic rock.		J38			
					K30 90			
			MODERATELY WEATHERED defects subhorizontal with thin clay coating			rock vesicular -vesicles 2-4mm diameter		

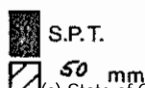
REMARKS

\* Intact Strength Subjective Only

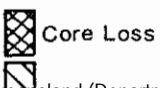
GEOL.

ENGR.

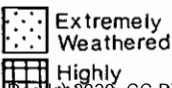
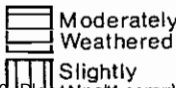
APPR.



S.P.T.



Core Loss

WEATHERED  
CONDITIONExtremely  
WeatheredModerately  
WeatheredWater  
Level

NOTE

FOR TERMS AND SYMBOLS REFER

MRD FORM 23 AM (11/87)

LOCATION

REF. No. H

DATUM

SURFACE R.L.

JOB No. PROJECT No. 1-611 DATE

AUGERING CORE DRILLING CASING OTHER	DEPTH (m)	1:50	STRATA DESCRIPTION		R.Q.D. ( ) % CORE REC. %	GRAPHIC LOG	STRUCTURE	ENGINEERING PROPERTIES	
		R.L.	LITHOLOGY	SOIL TYPE OR WEATHERING				INTACT STRENGTH	DEFECT SPACING
								EH VH X Z L K EC VC O M W VW EW	
	-5.66			MODERATELY WEATHERED	73				
				HIGHLY WEATHERED					
	1		BASALT brown, fine grained, massive volcanic rock.	Clayey weathered with hardened rock kernels to 30mm diam. throughout	68				
	2				88				
	3				57				
	4	-9.26			62				
	5	-10.60			91				
				MODERATELY WEATHERED					
				fine to medium grained core has spotty appearance due to weathering of feldspar. defects dip 10° and 70° thin clay coatings on defect planes.					
	6		END OF HOLE						
	7								
	8								
	9								

REMARKS

GEOL.  
ENGR.

*John S. Hobbs*

S.P.T.

Core Loss

WEATHERED  
CONDITION

Extremely  
Weathered

Moderately  
Weathered

Water  
Level

NOTE

FOR TERMS AND SYMBOLS REFER

