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PROJECT NUDGE ROAD BRIDGE

Sheet 1 of 3

HOLE No. 7

LOCATION Abutment B - 16m left of bridge control line (along skew)
43622E 42568N

REF. No. H 6184

DATUM AHD

JOB No. 140/U13C/201 PROJECT No. 1-611 DATE 14/17-7-89

SURFACE R.L. 8.70

AUGERING CORE DRILLING CASING OTHER	DEPTH (m)	STRATA DESCRIPTION		FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES					
		LITHOLOGY	SOIL TYPE OR WEATHERING			PARAMETERS & INDICES		MC (%) _x		DD (t/m ³) _□	
								x □	x □	x □	x □
	1:50										
	R.L.										
	8.70										
	1	FILL	Red brown moist firm gravelly clay. Gravel to 12mm.		A16						
	2										
	5.90	CLAY	Mottled grey brown iron-stained moist firm, alluvium. High plasticity (USC=CH).		B						
	3										
	4										
	5				C11						
	3.20										
	6				D						
	7										
	8	EXTREMELY WEATHERED	Mottled grey brown moist stiff clay. Indurated blocky structure with some fissility in places. High plasticity (USC=CH)		E14						
	9	MUDSTONE			F						

REMARKS

GEOL.
ENGR.
APPR.

S.P.T.	Core Loss	WEATHERED CONDITION	Extremely Weathered	Moderately Weathered	Water Level
mm	Highly Weathered	Slightly Weathered			

NOTE
FOR TERMS AND SYMBOLS REFER
MRO FORM 23 AM (11/87)

PROJECT NUDGE ROAD BRIDGE

Sheet 2 of 3

HOLE No. 7

LOCATION

REF. No. H

DATUM

SURFACE R.L.

JOB No. PROJECT No. DATE

DEPTH (m)	STRATA DESCRIPTION		FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES				
	LITHOLOGY	SOIL TYPE OR WEATHERING			PARAMETERS & INDICES	MC (%) _x		DD (t/m ³) _□	
1:50									
	R.L.								
1		EXTREMELY WEATHERED (Cont.)	G13						
2			H	UU	C = 127 kPa φ = 6° M.C. = 33.6% D.D. = 1.82 t/m ³				
3			J26						
4					STRUCTURE	ENGINEERING PROPERTIES			
						Intact Strength	Defect Spacing		
-6.00			K		light grey silt-stone bed				
5		HIGHLY WEATHERED Very stiff moist clay showing induration throughout. Steeply dipping defects at 70-90°. Brown staining on defect planes.			vertical defect				
6			88						
7		Brownish grey to 17.5 metres. Grey to 20.0 metres. Greyish green from 20.0 metres to EOH. Thin medium strength siltstone beds throughout.			light grey silt-stone beds				
			100						
8					vertical defect				
					light grey silt-stone bed				
9			80		light grey silt-stone bed				
					stiff clayey band weaker than surrounding low strength rock				

REMARKS

* Intact Strength Subjective Only

GEOL.
ENGR.
APPR.

S.P.T.	Core Loss	WEATHERED CONDITION	Extremely Weathered	Moderately Weathered	Water Level
Highly Weathered	Slightly Weathered				

NOTE
FOR TERMS AND SYMBOLS REFER TO THE COVER PAGE.

LOCATION

REF. No. H

DATUM

SURFACE R.L.

JOB No. PROJECT No. DATE

AUGERING CORE DRILLING CASING OTHER	DEPTH (M)	STRATA DESCRIPTION		R.Q.D. () % CORE REC. %	GRAPHIC LOG	STRUCTURE	ENGINEERING PROPERTIES	
		LITHOLOGY	SOIL TYPE OR WEATHERING				INTACT STRENGTH	DEFECT SPACING
	1:50							
	R.L.							
	-12.05	MUDSTONE	HIGHLY WEATHERED	87		light grey silt-stone bed		
	1		END OF HOLE					
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							

REMARKS

GEOL.
ENGR.

Amat
S. Hobbs

S.P.T.	Core Loss	WEATHERED CONDITION	Extremely Weathered	Moderately Weathered	Water Level	NOTE FOR TERMS AND SYMBOLS REFER TO THE REVERSE COVER PAGE.
Slightly	Highly	Slightly	Highly	Water Level		

