



EXPLANATION

- FUGRO DRIVE SAMPLE
- BULK SAMPLE
- PITCHER TUBE SAMPLE
- STANDARD PENETRATION TEST SAMPLE
- CORE SAMPLE

N - STANDARD PENETRATION RESISTANCE

▲ - DRY UNIT WEIGHT (ASTM: D-2937-71)

BORING DETAILS

ELEVATION : 2260' (689m)
 SURFICIAL GEOLOGIC UNIT : Tys
 DATE DRILLED : 23 October 1980
 DRILLING METHOD : Rotary Wash
 HOLE DIAMETER : 4 7/8" (124mm)
 WATER LEVEL : Not Encountered

FUGRO NATION
 DEPARTMENT OF THE AIR FORCE - B
 MAX SITING INVESTIGATION
 COYOTE SPRING VALLEY
 LOG OF BORING CE-
 OPERATIONAL BASE
 COYOTE SPRING VALLEY

SAMPLE TYPE	% RECOVERY	N VALUE	DEPTH		LITHOLOGY	USCS	SOIL DESCRIPTION	REMARKS	▲(pcf)						SIEVE ANALYSIS											
			METERS	FEET					80	90	100	110	120	130	140	GR	SA	FI	LL	PI						
			0	0		SM	SILTY SAND, light brown, fine to coarse, poorly graded, subangular to subrounded, calcareous; little slightly plastic silt; trace fine to coarse gravel; gravelly sand (7.5' - 11.0').																			
			3	10		SP-SM																				
				20		ML	SANDY SILT, dark brown, hard, nonplastic, calcareous; some fine to medium subangular to subrounded sand.																			
			6	20		SM	SILTY SAND, dark brown, fine to coarse, poorly graded, very dense, subangular to subrounded, calcareous; little to some slightly plastic silt; trace to little fine gravel.																			
			9	30		SM																				
			12	40		CL	CLAY, dark brown, hard, medium plastic, calcareous; trace fine sand.																			
				50		ML GP ML SM	SANDY SILT, light brown, hard, slightly plastic, calcareous; some fine to coarse subangular to subrounded sand; trace fine gravel; sandy gravel (46.5' - 47.5'); silty sand (50.0' - 51.0').																			
							TOTAL DEPTH 51.0' (15.5m)																			
			18	60																						
			21	70																						
			24	80																						
			27	90																						
			30	100																						
			33	110																						

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 MX SITING INVESTIGATION
 LOG OF BORING CE-B-1
 OPERATIONAL BASE SITE
 COYOTE SPRING VALLEY, NI