23 DEC 80

FN-TR-43

SAMPLE TYPE	% RECOVERY	N VALUE	DEPTH METERS	DEPTH FEET	LITHOLOGY	USCS	SOIL DESCRIPTION	REMARKS	▲(pcf) 80 90 100 110 120 130 140 / ● (%) 5 10 15 20 25 30 35	SIEVE ANALYSIS GR	SA	FI	LL	PI
	67	57	0	0		GM	Interbedded layers of SANDY GRAVEL and GRAVELLY SAND:							
	87	80				GP	SANDY GRAVEL (GP, GP-GM, GM): brown to gray, fine to coarse, poorly graded, very dense, angular to subrounded, calcareous; little to some fine to coarse sand; trace to little slightly plastic silt.							
	60	*				GP-GM								
	90	*	3	10		GM								
	63					GP-GM	GRAVELLY SAND (SP-SM): gray, fine to coarse, poorly graded, very dense, subangular to subrounded; calcareous; little to some fine to coarse gravel; trace slightly plastic silt; silty sand (49.0' - 50.0').							
			6	20		SP-SM								
			9	30										
						GP-GM		boulder						
			12	40		GM								
						GP-GM								
			15	50		SM	TOTAL DEPTH 50.0' (15.2m)			15	55	30		
			18	60										
			21	70										
			24	80										
			27	90										
			30	100										
			33	110										

1400 1800 2200 ▲(kg/m³)

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)
- ● - MOISTURE CONTENT (ASTM: D-2216-71)

BORING DETAILS

ELEVATION	: 2510' (765m)
SURFICIAL GEOLOGIC UNIT	: A5y/A5i
DATE DRILLED	: 17 October 1980
DRILLING METHOD	: Rotary Wash
HOLE DIAMETER	: 4 7/8" (124mm)
WATER LEVEL	: Not Encountered

FUGRO NATIONAL

LOG OF BORING CE-B-
OPERATIONAL BASE SI
COYOTE SPRING VALLEY, NE

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE - BMO

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