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
	100	4 10 11 14	0	0		SM	Interbedded layers of GRAVELLY SAND and SILTY SAND.	continuous SPT (0.0' - 10.5') sample intervals not shown						
	100	12 8 26	3	10		SC-SM, SM	GRAVELLY SAND (SP-SM): light brown, fine to coarse, poorly graded, loose, subangular to subrounded, calcareous; some fine to coarse gravel; trace slightly plastic silt.			14	54	32		
	100					SP-SM	SILTY SAND (SM, SC-SM): light brown to brown, fine to coarse, poorly graded, loose to dense, subangular to subrounded, calcareous; some non to slightly plastic silt; none to little fine gravel.			3	53	44	23	5
	100		6	20		SM				45	49	6		
	60									0	52	48		
	80						Interbedded layers of SANDY GRAVEL and SANDY CLAY:							
	70		9	30		CL	SANDY GRAVEL (GP): brown, fine to coarse, poorly graded, very dense, angular to subangular, calcareous; trace fine to coarse sand.			0	27	73	41	19
	92									1	24	75	39	19
	67						SANDY CLAY (CL, CL-ML): light brown to brown, stiff, slightly to medium plastic, calcareous; little to some fine subangular to subrounded sand.							
	42		12	40		GP								
	87					CL-ML		vertical seams of silty sand in silty clay						
	80		15	50						0	18	82	26	5
							TOTAL DEPTH 50.5' (15.4m)							
			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	: 2215' (675m)
SURFICIAL GEOLOGIC UNIT	: Tys
DATE DRILLED	: 19-20 October 1980
DRILLING METHOD	: Rotary Wash
HOLE DIAMETER	: 4 7/8" (124mm)
WATER LEVEL	: Not Encountered

FUGRO NATIONAL

LOG OF BORING CE-B-7
OPERATIONAL BASE SITE
COYOTE SPRING VALLEY, NE

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE - BMO