GL04757

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	8	0	0		GM	Interbedded layers of SANDY GRAVEL and GRAVELLY SAND:							
	NR	27				GP-GM	SANDY GRAVEL (GP-GM, GM): brown to gray, fine to coarse, poorly graded, very dense, angular to subrounded, calcareous; trace to some fine to coarse subangular to subrounded sand; trace to little non to slightly plastic silt.			66	22	12		
	100	*				GM								
			3	10		GP-GM	GRAVELLY SAND (SM): light brown, fine to coarse, poorly graded, very dense, subangular to subrounded, calcareous; some fine to coarse gravel; some slightly plastic silt.							
	100													
	60													
	100		6	20						32	40	28		
						SM								
	100									32	40	28		NP
	100		9	30						52	31	17		NP
						GM								
			12	40				cobbles and boulders						
						GP-GM								
			15	50			TOTAL DEPTH 50.0' (15.2m)							
			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	: 2400' (732m)
SURFICIAL GEOLOGIC UNIT	: A5y/A5i
DATE DRILLED	: 19 October 1980
DRILLING METHOD	: Rotary Wash
HOLE DIAMETER	: 4 7/8" (124mm)
WATER LEVEL	: Not Encountered

FUGRO NATIONAL

LOG OF BORING CE-B-1
OPERATIONAL BASE SITE
COYOTE SPRING VALLEY, NE

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE - BMO

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	53	0	0		GP-GM	SANDY GRAVEL, light brown, fine to coarse, poorly graded, very dense, subangular to subrounded, calcareous; some fine to coarse sand; trace to little nonplastic silt.	trace cobbles and boulders throughout		58	32	10		
	70	*												
	70	*												
	67	*												
	67	*								54	26	20		
	100	*												
	67	*	3	10		GM								
			6	20		GP-GM								
	100		9	30										
	80					ML	SANDY SILT, light brown, hard, nonplastic, calcareous; some fine to coarse subangular to subrounded sand; trace fine gravel.	strong cementation		6	36	58		NP
	100		12	40			SILTY SAND, dark brown, fine to medium, poorly graded, very dense, subangular to subrounded, calcareous; some nonplastic silt.							
	100					SM		strong cementation		0	52	48		
	100		15	50										
	100		18	60			SILT, light brown, hard, slightly to medium plastic, calcareous.			0	3	97	32	6
	100		21	70		ML				2	3	95	44	17
			24	80			SANDY GRAVEL, gray, fine to coarse, poorly graded, very dense, subangular to rounded, little fine to coarse sand; trace nonplastic silt.							
			27	90		GP-GM								
	100		30	100			TOTAL DEPTH 100.0' (30.5m)							
			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)

BORING DETAILS

ELEVATION	: 2480' (756m)
SURFICIAL GEOLOGIC UNIT	: A5i
DATE DRILLED	: 15-16 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, N

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE - BMO