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	21	0	0		GM	SANDY GRAVEL, brown to gray, fine to coarse, poorly graded, dense to very dense, angular to subrounded, calcareous; little to some fine to coarse sand; trace to little slightly plastic silt; lens of silty gravel (0.0' - 1.5' and 9.0' - 11.0').			67	24	9		
	73	56												
	73	*				GP-GM								
	60	*												
	100		3	10		GM								
	100		6	20					● ▲					
			9	30		GP-GM								
			12	40										
			15	50										
			18	60			TOTAL DEPTH 51.0' (15.5m)							
			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	: 2500' (762m)
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-3
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	4	0	0		SM	GRAVELLY SAND, light brown, fine to coarse, poorly graded, loose to dense, subangular to subrounded, calcareous, some fine to coarse gravel; little to some nonplastic silt; sandy gravel (4.5′ - 6.5′).							
	80	19												
	87	32												
	87	41				GP-GM		cobble						
	80	28												
	80	24				SM								
	92		3	10		ML	SANDY SILT, light brown, stiff, nonplastic, calcareous; little to some fine subangular to subrounded sand; silty sand (15.0′ - 20.0′).			29	49	22		
										0	11	89		NP
	100					SM				0	51	49		NP
	100		6	20						0	15	85		NP
	88					ML				0	25	75		
	100		9	30						0	29	71		NP
						GP-GM	SANDY GRAVEL, dark brown, fine to coarse, poorly graded, very dense, subangular to subrounded, calcareous; little to some fine to coarse sand; trace nonplastic silt; gravelly sand (36.0′ - 37.5′).							
						SP-SM				6	82	12		
			12	40										
			15	50		GP-GM								
			18	60			SILTY SAND, brown, fine to medium, poorly graded, very dense, subangular to subrounded, calcareous; little to some non to slightly plastic silt; interbedded with gravel lenses (60.0′ - 68.5′ and 75.0′ - 80.0′); cementation at 87.0′.							
	79													
	100		21	70										
			24	80										
	87													
	92					SM				1	79	20		
	92		27	90										
			30	100										
	93													
	90													
			33	110			TOTAL DEPTH 106.0′ (32.3m)							

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	: 2290′ (698m)
SURFICIAL GEOLOGIC UNIT	: A5y
DATE DRILLED	: 20-22 October 1980
DRILLING METHOD	: Rotary Wash
HOLE DIAMETER	: 4 7/8″ (124mm)
WATER LEVEL	: Not Encountered

FUGRO NATIONAL

LOG OF BORING CE-B-8
OPERATIONAL BASE SITING
COYOTE SPRING VALLEY, NEVADA

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	21	0	0		GM	SANDY GRAVEL, brown to gray, fine to coarse, poorly graded, dense to very dense, angular to subrounded, calcareous; little to some fine to coarse sand; trace to little slightly plastic silt; lens of silty gravel (0.0' - 1.5' and 9.0' - 11.0').			67	24	9		
	73	56												
	73	*				GP-GM								
	60	*												
	100		3	10		GM								
	100		6	20					● ▲					
			9	30		GP-GM								
			12	40										
			15	50										
			18	60										
			21	70										
			24	80										
			27	90										
			30	100										
			33	110										

TOTAL DEPTH 51.0' (15.5m)

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	: 2500' (762m)
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, N

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE - BM