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	6	0	0		SP-SM	Interbedded layers of SANDY GRAVEL and GRAVELLY SAND:							
	80	24				GP-GM	SANDY GRAVEL (GP-GM): gray, fine to coarse, poorly graded, dense to very dense, subangular to subrounded; calcareous; some fine to coarse sand; trace nonplastic silt.			58	32	10		
	67	11												
	67	8				SP-SM								
	60	34												
	100	82	3	10		GP-GM	GRAVELLY SAND (SP-SM): brown, fine to coarse, poorly graded, dense, subangular to subrounded, calcareous; some fine to coarse gravel; trace nonplastic silt.							
	50													
	65		6	20			SILTY SAND, brown, fine to coarse, poorly graded, very dense, subangular to subrounded, calcareous; little to some nonplastic silt; trace to little fine gravel.							
	80													
	80		9	30		SM		strong cementation throughout						
	93													
	80		12	40						15	61	24		
	80		15	50			TOTAL DEPTH 50.0' (15.2m)			4	76	20		
			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	: 2300' (701m)
SURFICIAL GEOLOGIC UNIT	: A5y
DATE DRILLED	: 21 October 1980
DRILLING METHOD	: Rotary Wash
HOLE DIAMETER	: 4 7/8" (124mm)
WATER LEVEL	: Not Encountered

FUGRO NATIONAL

LOG OF BORING CE-B-9
OPERATIONAL BASE SITE
COYOTE SPRING VALLEY, NEV

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	6	0	0		SP-SM	Interbedded layers of SANDY GRAVEL and GRAVELLY SAND:							
	80	24				GP-GM	SANDY GRAVEL (GP-GM): gray, fine to coarse, poorly graded, dense to very dense, subangular to subrounded; calcareous; some fine to coarse sand; trace nonplastic silt.			58	32	10		
	67	11												
	67	8				SP-SM								
	60	34												
	100	82	3	10		GP-GM	GRAVELLY SAND (SP-SM): brown, fine to coarse, poorly graded, dense, subangular to subrounded, calcareous; some fine to coarse gravel; trace nonplastic silt.							
	50													
	65		6	20			SILTY SAND, brown, fine to coarse, poorly graded, very dense, subangular to subrounded, calcareous; little to some nonplastic silt; trace to little fine gravel.							
	80													
	80		9	30		SM		strong cementation throughout						
	93													
	80		12	40						15	61	24		
	80		15	50			TOTAL DEPTH 50.0' (15.2m)			4	76	20		
			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	: 2300' (701m)
SURFICIAL GEOLOGIC UNIT	: A5y
DATE DRILLED	: 21 October 1980
DRILLING METHOD	: Rotary Wash
HOLE DIAMETER	: 4 7/8" (124mm)
WATER LEVEL	: Not Encountered

FUGRO NATIONAL

LOG OF BORING CE-B-4
OPERATIONAL BASE SITE
COYOTE SPRING VALLEY, NE

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE - BMO