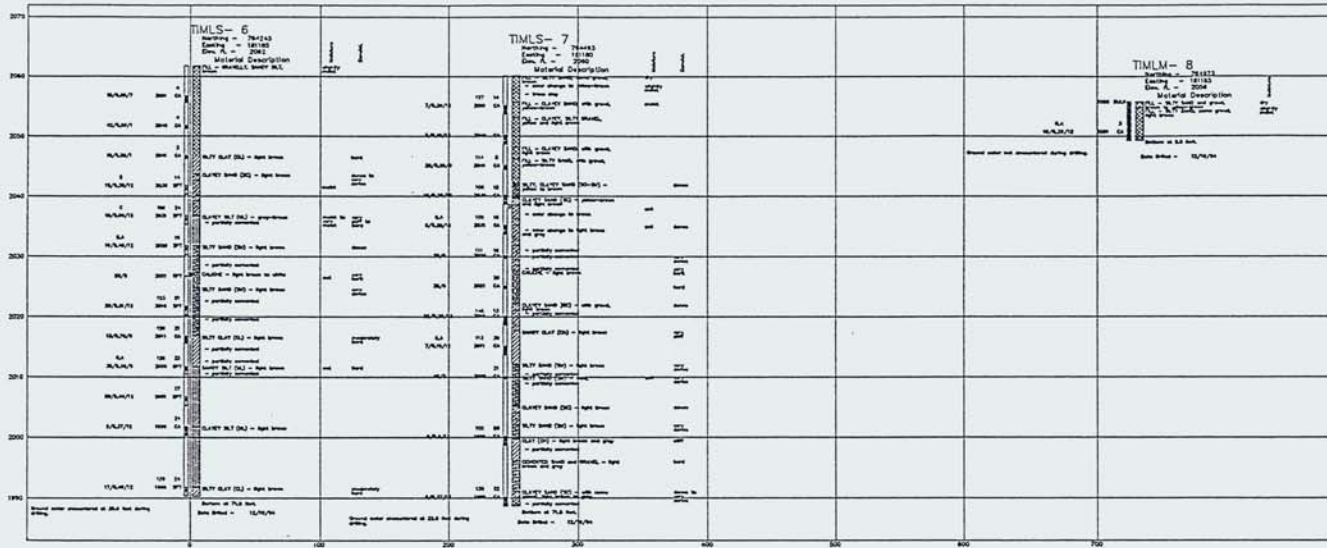


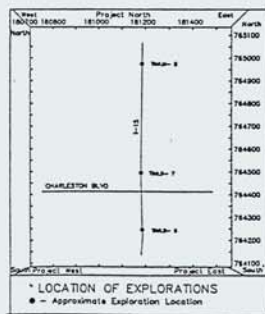
# FENCE DIAGRAM

FED. RD. REC. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
8	NEVADA	DPC-009-10023	CLARK	B-95



ORIGINAL CONSTRUCTION CONTRACT NO 1309.1881

THESE BORING LOGS AND TEST RESULTS APPLY ONLY AT THE LOCATIONS DRILLED AND AT THE TIME OF EXPLORATION. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THESE LOCATIONS WITH TIME. DATA IS A SUMMARY.



U.S. PENETRATION CLASSIFICATION - A				STANDARD PENETRATION CLASSIFICATION - B			
GRAVEL GRADED SOIL	FINE GRADED SOIL	GRAVEL GRADED SOIL	FINE GRADED SOIL	GRAVEL GRADED SOIL	FINE GRADED SOIL	GRAVEL GRADED SOIL	FINE GRADED SOIL
BLU/M,PTL*	DENSITY	BLU/M,PTL*	CONSISTENCY	BLU/M,PTL*	DENSITY	BLU/M,PTL*	CONSISTENCY
0 - 3	VERY LOOSE	0 - 1	VERY SOFT	0 - 4	VERY LOOSE	0 - 2	VERY SOFT
4 - 12	LOOSE	2 - 3	SOFT	5 - 10	LOOSE	3 - 4	SOFT
13 - 26	MEDIUM DENSE	4 - 7	MEDIUM STIFF	11 - 30	MEDIUM DENSE	5 - 8	MEDIUM STIFF
27 - 40	DENSE	8 - 12	STIFF	31 - 30	DENSE	9 - 15	STIFF
OVER 40	VERY DENSE	14 - 25	VERY STIFF	OVER 50	VERY DENSE	16 - 30	VERY STIFF

\* Penetration test shall be performed with a 20" Free Fall on a 2.25" O.D., 1.5" I.D. Sampler.

MOG. CA. PENETRATION CLASSIFICATION - C

GRAVEL GRADED SOIL	FINE GRADED SOIL		
BLU/M,PTL*	DENSITY	BLU/M,PTL*	CONSISTENCY
0 - 8	VERY LOOSE	0 - 2	VERY SOFT
9 - 14	LOOSE	3 - 5	SOFT
15 - 17	MEDIUM DENSE	6 - 10	MEDIUM STIFF
18 - 24	DENSE	11 - 18	STIFF
OVER 24	VERY DENSE	19 - 24	VERY STIFF
OVER 24	VERY DENSE	27 - 40	HARD
OVER 40	VERY DENSE	OVER 40	VERY HARD

\* Penetration test shall be performed with a 20" Free Fall on a 2.25" O.D., 1.5" I.D. Sampler.

MAJOR DIVISIONS		TYPICAL NAME and DESCRIPTION	
GRAVEL	GW	WELL GRADED GRAVEL, Green-Sand mixtures, little or no fines.	
	GP	POORLY GRADED GRAVEL, green-sand mixtures, little or no fines.	
	GM	SILTY GRAVEL, poorly graded green-sand mixtures.	
	GC	CLAYEY GRAVEL, poorly graded green-sand mixtures.	
SAND	SW	WELL GRADED SANDS, green-sand with little or no fines.	
	SP	POORLY GRADED SANDS, green-sand with little or no fines.	
	SM	SILTY SANDS, poorly graded green-sand mixtures.	
	SC	CLAYEY SANDS, poorly graded sand-gravel mixtures.	
LOW PLASTIC SILTS & CLAYS	ML	Intergrade SILTS & very fine SANDS, silt or clayey silt or sandy silty clay, sandy silty clay with low plasticity.	
	OL	Organic SILTS & CLAYS of low plasticity.	
	MH	Intergrade SILTS & CLAYS of medium plasticity.	
	OH	Organic SILTS & CLAYS of high plasticity.	
HIGHLY ORGANIC SOILS	PT	Peat, Humus, Swamp soil with high organic.	

KEY:

- ☐ - CAUSE
- ☐ - cemented SAND & GRAVEL
- ☐ - CONSISTENCY CORRELATION
- ☐ - Groundwater level measured during drilling (may not be static level)
- ☐ - Groundwater level measured on date shown.

LABORATORY TESTS: Moisture Recovery, Compaction, Consolidation, Swell, Shrinkage, Liquid Limit, Plasticity, etc.

SAMPLER TYPE:  2" Dia.  1.5" Dia.  1.25" Dia.  1" Dia.

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION  
U.S. 95 & I-15 Interchange Improvements, Project 1  
**LOG OF BORINGS  
CHARLESTON BLVD**

DESIGNED BY:   
DRAWN BY:   
CHECKED BY:   
REVIEWED BY:

PROJECT No. 31-313903

MOISTURE LOGS 7/93