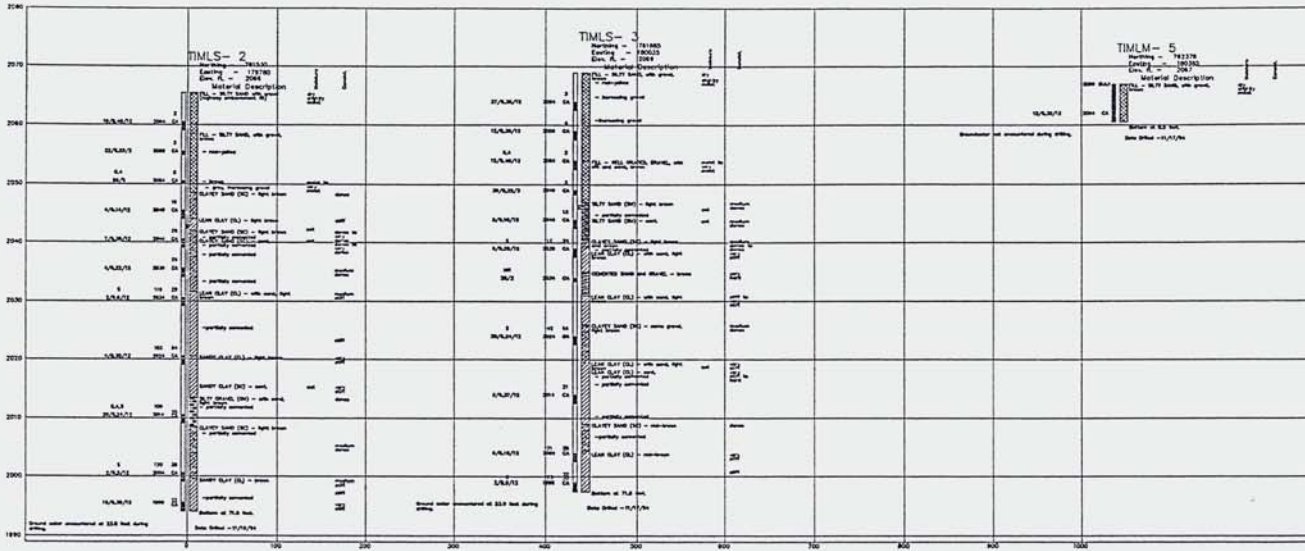


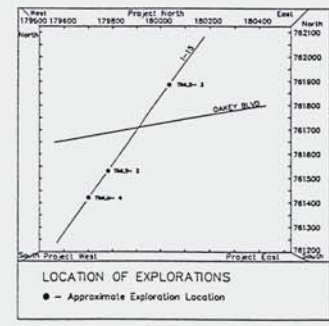
FENCE DIAGRAM

FED. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SP-05-K201	CLARK	B-48



ORIGINAL CONSTRUCTION CONTRACT NO 1195, 2571

SEE BORING LOGS AND TEST SUMMARIES 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 SIMPLIFICATION.



K.A. PENETRATION CLASSIFICATION - A

COARSE GRAINED SOIL				FINE GRAINED SOIL			
BLOW/FT.	DENSITY	BLOW/FT.	CONSISTENCY	BLOW/FT.	DENSITY	BLOW/FT.	CONSISTENCY
0 - 5	VERY LOOSE	0 - 1	VERY SOFT	0 - 4	VERY LOOSE	0 - 2	VERY SOFT
6 - 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 - 13	STIFF	31 - 50	DENSE	8 - 13	STIFF
OVER 40	VERY DENSE	14 - 23	VERY STIFF	OVER 50	VERY DENSE	18 - 30	VERY STIFF
		26 - 42	HARD			31 - 50	HARD
		OVER 42	VERY HARD			OVER 50	VERY HARD

MOO. CA. PENETRATION CLASSIFICATION - C

COARSE GRAINED SOIL				FINE GRAINED SOIL			
BLOW/FT.	DENSITY	BLOW/FT.	CONSISTENCY	BLOW/FT.	DENSITY	BLOW/FT.	CONSISTENCY
0 - 4	VERY LOOSE	0 - 3	VERY SOFT	0 - 4	VERY LOOSE	0 - 2	VERY SOFT
5 - 16	LOOSE	3 - 5	SOFT	5 - 10	LOOSE	3 - 4	SOFT
17 - 41	MEDIUM DENSE	8 - 10	MEDIUM STIFF	11 - 30	MEDIUM DENSE	5 - 8	MEDIUM STIFF
42 - 78	DENSE	11 - 18	STIFF	31 - 50	DENSE	8 - 13	STIFF
OVER 78	VERY DENSE	18 - 30	VERY STIFF	OVER 50	VERY DENSE	18 - 30	VERY STIFF
		31 - 50	HARD			31 - 50	HARD
		OVER 50	VERY HARD			OVER 50	VERY HARD

UNIFIED SOIL CLASSIFICATION

MAJOR DIVISIONS	UNIFIED CLASSIFICATION	TYPICAL NAME AND DESCRIPTION
GRAVEL	GW, GP, GM, GC, GU, GV, GU, GV	WELL GRADED GRAVEL, Gravel-Sand mixtures, Silts or clays.
POORLY GRADED GRAVEL, gravel-sand mixtures, Silts or clays.	GP	
POORLY GRADED GRAVEL, gravel-sand mixtures, Silts or clays.	GM	
POORLY GRADED GRAVEL, gravel-sand mixtures, Silts or clays.	GC	
POORLY GRADED GRAVEL, gravel-sand mixtures, Silts or clays.	GU	
POORLY GRADED GRAVEL, gravel-sand mixtures, Silts or clays.	GV	
SAND	SW, SP, SM, SC, SU, SV, SU, SV	WELL GRADED SAND, gravel-sand mixtures, Silts or clays.
POORLY GRADED SAND, gravel-sand mixtures, Silts or clays.	SW	
POORLY GRADED SAND, gravel-sand mixtures, Silts or clays.	SP	
POORLY GRADED SAND, gravel-sand mixtures, Silts or clays.	SM	
POORLY GRADED SAND, gravel-sand mixtures, Silts or clays.	SU	
POORLY GRADED SAND, gravel-sand mixtures, Silts or clays.	SV	
SILT	ML, MH, OL, OH, CH, OH	CLAYEY SILT, silty sand, silty clay, silty clay with sand, silty clay with gravel, silty clay with gravel and sand, silty clay with gravel and sand and silt.
CLAY	CL, CH, OH	CLAYEY SAND, poorly graded sand-gravel-silt mixtures.
CLAYEY SAND, poorly graded sand-gravel-silt mixtures.	SC	
CLAYEY SAND, poorly graded sand-gravel-silt mixtures.	SU	
CLAYEY SAND, poorly graded sand-gravel-silt mixtures.	SV	
CLAYEY SAND, poorly graded sand-gravel-silt mixtures.	SH	
CLAYEY SAND, poorly graded sand-gravel-silt mixtures.	CH	
CLAYEY SAND, poorly graded sand-gravel-silt mixtures.	OH	
CLAYEY SAND, poorly graded sand-gravel-silt mixtures.	PT	

KEY:

- CAUICE
- CEMENTED SAND & GRAVEL
- BLOW COUNT - CONSISTENCY CORRELATION
- Groundwater level encountered during drilling (may not be stable level)
- Groundwater level measured on date shown.

LABORATORY TESTS:

SAMPLER TYPE: 2" Dia. Shelby Tube, 1.5" Dia. 1.5" Dia. 1.5" Dia.

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

U.S. 95 & I-15 Interchange Improvements, Project 1

LOG OF BORINGS

OAKEY BOULEVARD

KLEINFELDER
Geotechnical and Environmental Engineers
Safe and Reliable Testing

DESIGNED BY: J.E.
DRAWN BY: J.E.
CHECKED BY: J.E.
REVIEWED BY: J.E.

PROJECT No. 01-25963

MOFFETTING 7/93