VICTORIA CHANNEL-GUADALUPE RIVER
TABLE 2 (Cont'd)

BORING NO	SAMPLE DEPTH FT	DISTRICT SERIAL NO	DENSITY DATA M.C.%	U.D.W.	ATTERBERG LIMITS L.L.	P.I.	BAR L.S.	SIEVE ANALYSIS Gr	Sa	Fines	CLASSIFICATION	PENETROMETER READING
6ST-50	14.0-16.0	58-598	34.8	85.3	28.3	14.1	8.0	0	37	63	L, SaCl(CL), V/So	0.0
4A-58	2.0- 4.0	58-731	46.3	74.4	--	--	3.0	0	33	67	D, SaSi(SM), V/Lo w/shell	0.1
	4.0- 7.0	58-732	52.5	68.7	41.0	--	12.0	0	20	80	D, SaCl(CL), V/so	0.0
4A-60	2.0- 4.0	58-739	129.3	36.7	-- Ignition Loss = 22.0%				--	--	Br, Si(ML), V/So., OL	0.0
	4.0 -6.0	58-740	57.8	63.7	--	--	2.0	0	0-7-44 / 51	49	D, SiSa(SM), V/So	0.0
	8.0-10.0	58-742	43.3	72.9	30.2	--	8.0	0	31	69	L, SaCl(CL), V/So	0.0
4A-61	1.0- 3.0	58-712	33.1	87.0	46.7	--	15.0	0	6	94	G, Cl(CL), So	0.5
	3.0- 5.0	58-713	38.2	82.7	40.2	--	10.0	0	3	97	L, Cl(CL), V/So	0.1
	5.0- 6.5	58-714	40.7	80.8	38.1	19.4	10.0	0	3	97	G, Cl(CL), V/So	0.1
6ST-32	4.0- 5.5	58-430	11.8	104.3	27.6	15.4	7.0	0	0-1-64 / 65	35	L&T, ClSa(SC), St.	3.0
	14.5-16.0	58-433	25.7	96.0	69.7	43.7	24.0	0	15	85	L, Cl(CH), Hd, Hackly	4.5+
6ST-50	2.0- 4.0	58-593	101.6	51.2	61.7	33.1	16.0	0	36	64	D, SaCl(CL), V/So, w/roots	0.15
	8.0-10.0	58-596	37.3	81.9	32.0	18.6	9.0	0	37	63	L, SaCl(CL), V/So. w/shell	0.05
	14.0-16.0	58-598	34.8	85.3	28.3	14.1	8.0	0	37	63	L, SaCl(CL , V/So.	0.0
	37.0-39.0	58-602	23.3	104.6	31.9	18.6	10.0	0	17	83	Gr-L, Cl(CL), Pl	1.5

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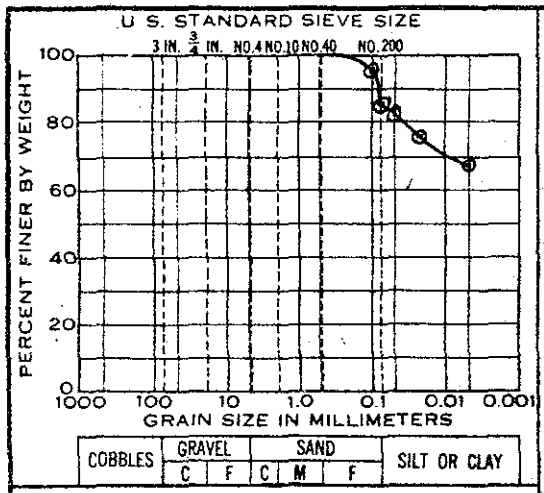

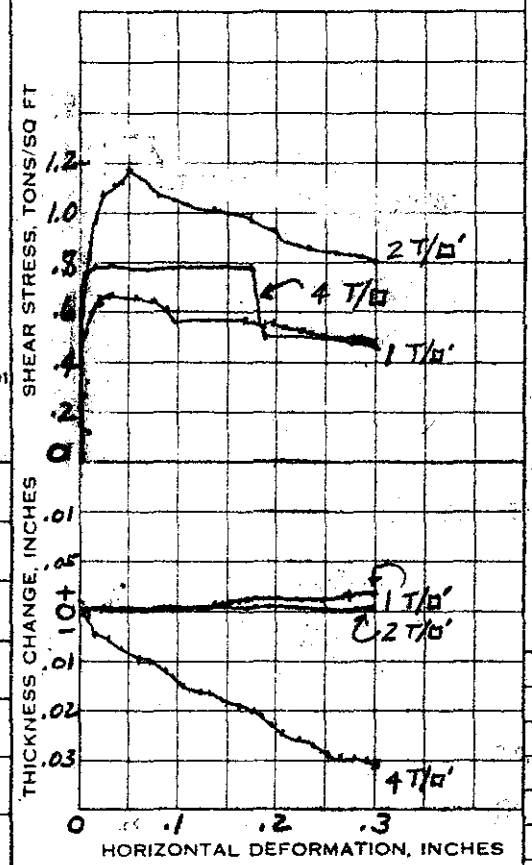

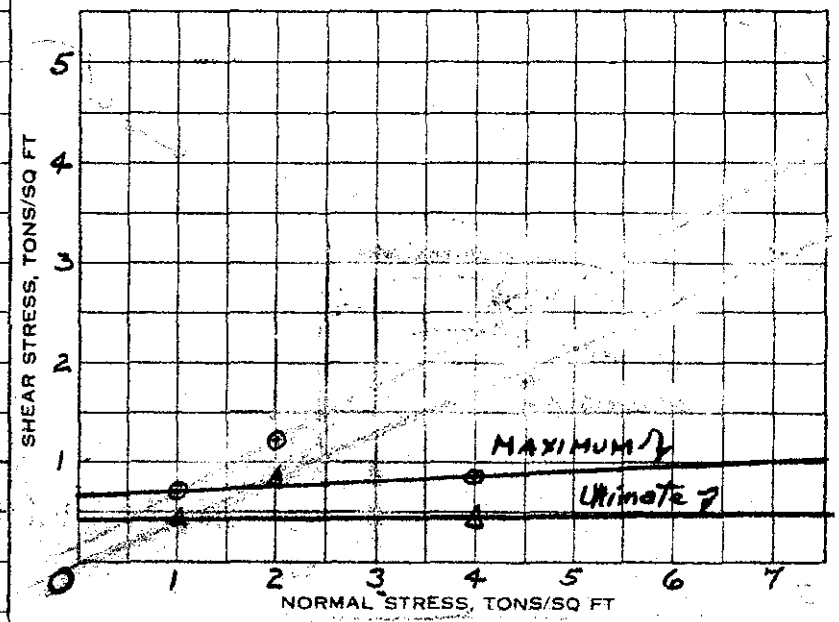

Classification L, CI(CH), Hd, HACKLY.

LL 69.7	G –
PL 26.0	D_{10} < .005 mm

Test No.	1	2	3
Initial Water Content, W_0 %	25.6	25.6	22.2
Dry Density Lbs/Cu Ft	94.6	95.2	96.7
Void Ratio, e_0			
Saturation, S_0 %			
Duration of Test, hrs	6¼	6¼	6
WC after Test, W_f %	36.8	32.2	40.8
Normal Stress, σ T/Sq Ft	1	2	4
Max. Shear Stress, τ T/Sq Ft	.65	1.19	.79
Ult. " " , " "	.48	.80	.49

Type of Test: STRAIN – Control; ✓ Consolidated; ✓ Drained

Type of Specimen: Undisturbed; 3 in. square; 3/4 in. thickness

SHEAR VALUES	Ø	TAN Ø	C, T/SQ FT
Maximum	3.2°	.0563	.65
Ultimate	0.4°	.0063	.45

Remarks: .0009" Per Min.

Project VICTORIA CHANNEL GUADALUPE RIVER

Area

Boring No. 6ST-32 Sample No. 58-433

Elev. or Depth 14.5'-16.0' Date MARCH 1958

DIRECT SHEAR TEST REPORT

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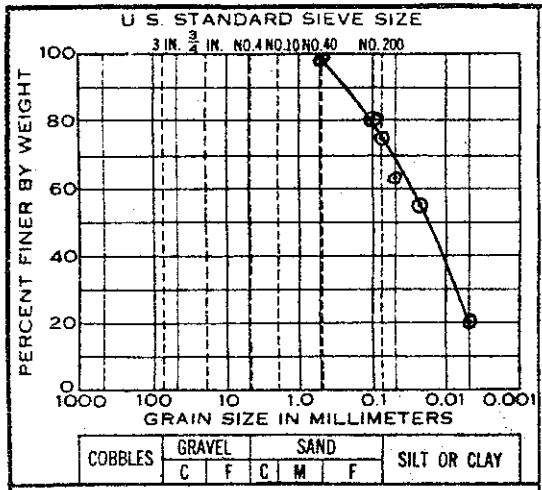
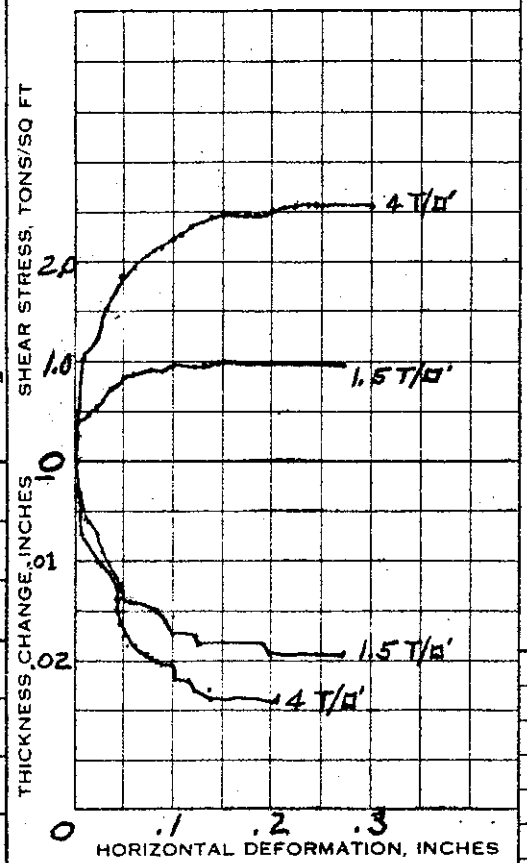
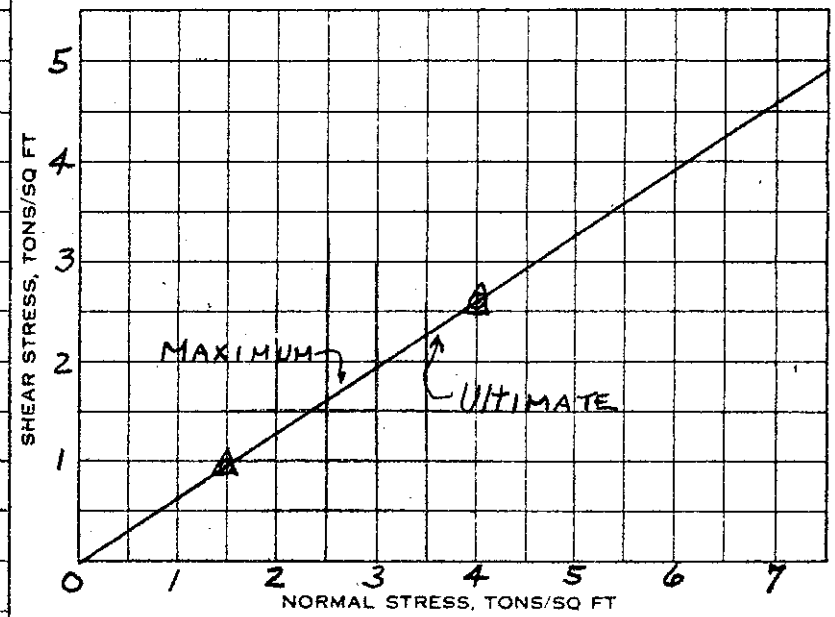
DLR-734 PLATE 2







Classification L&T, C/Sa(SC), Hd.

LL	27.6	G	—
PL	12.2	D_{10}	<.005

Test No.	1	2
Initial Water Content, W_0 %	6.8	7.5
Dry Density Lbs/Cu Ft	96.4	98.8
Void Ratio, e_0		
Saturation, S_0 %		
Duration of Test, hrs.	5 1/6	5 1/2
WC after Test, W_f %	23.7	10.3
Normal Stress, σ T/Sq Ft	1.5	4.0
Max. Shear Stress, τ T/Sq Ft	.97	2.58
Ult. " " "	.97	2.58

Type of Test: Strain - Control; ✓ Consolidated; ✓ Drained

Type of Specimen: Undisturbed; 3 in. square; 3/4 in. thickness

SHEAR VALUES	Ø	TAN Ø	C, T/SQ FT
Maximum	33.2°	.6533	0.0
Ultimate	33.2°	.6533	0.0

Remarks: .0009" per min.

Project VICTORIA CHANNEL GUADALUPE RIVER

Area

Boring No. 6ST-32 Sample No. 58-430

Elev or Depth 4.0'-5.5' Date MARCH 1958

DIRECT SHEAR TEST REPORT

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