TABLE 19.--ENGINEERING TEST DATA

[Dashes indicate data were not available. NP means nonplastic. TR means trace.]

Soil name, report number, horizon, and depth in inches	Classification		Grain size distribution[1]											Liquid limit[2]	Plasticity index[2]	Particle density	Shrinkage		
			Larger than 3 inches	Percentage passing sieve							Percentage smaller than--								
	AASHTO	Unified		7/4 inch	5/8 inch	3/8 inch	No. 4	No. 10	No. 40	No. 200	.02 mm	.005 mm	.002 mm				Limit	Linear	Ratio
			Pct											Pct		G/cc	Pct	Pct	Pct
Dev very gravelly silty clay loam:[3] (S75TX-371-006)																			
A11------ 0 to 16	A-7-6(05)	SC	0	100	96	90	78	63	48	41	--	22	16	47	23	2.66	20.0	12.3	1.7
A12------16 to 34	A-2-7(00)	SC	0	100	94	87	64	38	21	17	--	9	8	47	24	2.66	19.0	12.2	1.7
Ector very gravelly clay loam:[4, 12] (S75TX-371-007)																			
A1------- 0 to 10	A-7-5(08)	GM	0	100	92	86	71	58	51	46	--	13	8	58	25	2.54	24.0	1.3	1.5
Hodgins silty clay loam:[5] (S75TX-371-001)																			
Ap------- 0 to 8	A-7-6(20)	CL	0	100	100	100	100	100	100	95	--	59	41	41	20	2.71	19.0	10.2	1.7
B21------15 to 38	A-7-6(22)	CL	0	100	100	100	100	100	99	94	--	60	43	41	22	2.67	19.0	10.6	1.7
B22ca----38 to 62	A-6 (19)	CL	0	100	100	100	100	100	100	96	--	63	48	38	19	2.72	20.0	8.7	1.7
Iraan silty clay loam:[6] (S75TX-371-003)																			
A12------ 7 to 28	A-7-6(27)	CL	0	100	100	100	100	100	100	99	--	58	38	47	24	2.67	20.0	11.8	1.7
B21a-----28 to 43	A-6 (22)	CL	0	100	100	100	100	99	98	95	--	51	39	40	22	2.68	17.0	11.2	1.8
Lozier gravelly loam:[7, 12] (S75TX-371-009)																			
A12------- 2 to 6	A-2-7(01)	GC	0	100	71	58	42	33	28	24	--	8	6	48	22	2.63	27.0	8.8	1.5
Pajarito fine sandy loam:[8] (S75TX-371-005)																			
B2------- 9 to 36	A-2-4(00)	SM-SC	0	100	100	100	100	99	91	30	--	15	12	18	4	2.64	13.0	2.8	1.9
C1ca-----36 to 48	A-2-4(00)	SM-SC	0	100	100	100	92	86	76	29	--	15	11	19	5	2.67	13.0	3.4	1.9
C2ca-----48 to 62	A-2-4(00)	SM	0	100	100	100	98	96	85	22	--	15	11	17	3	2.66	13.0	2.0	1.8

See footnotes at end of table.