TABLE 17.--PHYSICAL ANALYSES OF SELECTED SOILS

[Dashes indicate the determination was not made. Tr means trace. The data for the Catarina soil was determined by the Soil Characterization Laboratory, Texas A&M University. All other data was determined by the National Soil Survey Laboratory, Soil Conservation Service]

Soil series and sample number	Depth	Horizon	Particle-size distribution: Percent less than 2mm: Sand: Very coarse (2.0-1.0)	Sand: Coarse (1.0-0.5)	Sand: Medium (0.5-0.25)	Sand: Fine (0.25-0.10)	Sand: Very fine (0.10-0.05)	Sand: Total (2.0-0.05)	Silt (0.05-0.002)	Clay: Total <0.002	Clay: Fine <0.0002	CO_3 <0.002	Pct <75mm: Coarse fraction (0.10-75)	Water content: 15 bar
	In													Pct (wt)
Aguilares:1/ (S79TX-479-9)	0-8	A	0.1	0.1	2.4	23.6	23.3	49.5	24.3	26.2	8.5	6.0	26	12.0
	8-13	Bk1	0.2	0.2	2.0	20.1	19.5	42.0	25.9	32.1	12.3	5.0	22	13.4
	13-23	Bk2	0.3	0.2	1.4	15.6	18.5	36.0	29.0	35.0	14.8	10.0	17	13.7
Arroyada:2/ (S73TX-240-0)	0-8	Ag	0.0	0.2	0.3	3.0	5.8	9.3	32.5	58.2	19.1	0.0	3	24.2
	20-32	ACgnz	0.1	0.2	0.3	2.8	5.8	9.2	34.4	56.4	23.9	6.0	3	24.3
	32-60	Cknz	Tr	0.1	0.2	2.9	7.1	10.3	39.1	50.6	27.4	5.0	3	21.6
Brundage:3/ (S79TX-479-8)	0-6	A	0.1	0.5	7.7	44.6	14.0	66.9	12.7	20.4	11.7	1.0	53	8.3
	6-18	Btknz1	0.1	0.5	6.4	37.8	12.6	57.4	16.1	26.5	13.9	2.0	45	14.9
	18-34	Btknz2	0.3	0.5	4.9	35.9	12.4	54.0	16.9	29.1	14.4	1.0	43	15.6
Catarina:1/ (S82TX-479-2)	0-3	Ay1	0.2	0.1	0.1	1.5	7.6	9.5	40.7	49.8	22.2	9.5	---	---
	3-14	Ay2	0.1	0.1	0.1	1.5	7.7	9.5	39.3	51.2	27.8	9.9	---	---
	14-25	Bknyz1	0.0	0.1	0.1	1.5	7.2	8.9	39.3	51.8	30.7	11.0	---	---
	25-35	Bknyz2	0.1	0.1	0.1	1.8	8.6	10.7	38.3	51.0	30.0	10.5	---	---
	35-49	Bknyz3	0.1	0.1	0.1	2.3	9.8	12.4	39.0	48.6	28.5	7.0	---	---
	49-73	Bknyz4	0.1	0.1	0.1	1.7	10.1	12.1	40.8	47.1	27.6	7.7	---	---
	73-96	Bknyz5	0.2	0.2	0.2	2.7	12.2	15.5	37.6	46.9	28.5	11.1	---	---
Moglia:1/ (S79TX-479-4)	0-7	A	0.1	0.4	2.3	21.4	15.3	39.5	28.0	32.5	7.3	1.0	26	14.6
	7-21	Bkz	0.2	0.2	1.0	19.6	7.6	28.6	30.6	40.8	13.6	8.0	24	16.9
	21-30	Bknz	0.1	0.2	1.0	14.8	12.7	28.8	32.4	38.8	8.5	8.0	17	17.7
	30-42	2Cknz	0.2	0.3	2.0	18.7	20.4	41.6	39.3	19.1	1.3	2.0	23	15.8
	42-54	2Cknyz	---	---	---	---	---	---	---	---	---	---	---	19.5
	54-60	3Cknyz	---	---	---	---	---	---	---	---	---	---	---	20.1
Palafox:4/ (S79TX-479-2)	0-5	A1	0.2	0.6	5.5	17.1	18.2	41.6	33.8	24.6	8.8	2.0	23	10.4
	5-11	A2	0.3	0.4	3.9	14.0	17.9	36.5	32.1	31.4	10.5	6.0	19	11.3
	11-16	Bk1	0.8	0.6	2.4	9.6	14.5	27.9	36.0	36.1	12.6	10.0	15	12.1

1/Typical pedon for the series.

2/From the Webb County line marker on Texas Highway 44, 4.3 miles west on Texas Highway 44, 5.0 miles north on Pintas-Adami Road, 0.75 mile west on a pipeline road, 100 feet south of road.

3/From Arkansas Street in Laredo, 34.2 miles east on U.S. 59, 8.9 miles south on Welhouser County Road, 60 feet west of road.

4/From Del Mar Boulevard in Laredo, 29 miles northwest on Farm to Market Road 1472, 50 feet east of road.