

TABLE 18.--MINERALOGY OF SELECTED SOILS

Soil name and sample number	Depth	Horizon	Montmoril- lonite	Calcite	Mica	Kaolinite	Quartz	Potassium- feldspar	Carbonate aggregates	Calcite	Zircon	Epidote	Hornblende	Garnet
Angelo silty clay loam ² : (S81TX-235-004) 81-4666	46-81	Bw2	2	1	1	1	77	15	6	---	Trace	---	Trace	---
Broome silt loam ³ : (S81TX-235-003) 81-4659	33-48	Bwk1	3	2	1	1	74	17	6	3	Trace	Trace	Trace	---
Reagan silty clay loam ⁴ : (S81TX-235-002) 81-4654	36-66	Bw2	3	2	2	1	69	15	7	8	---	Trace	Trace	Trace

¹ Relative amounts: 3, moderate; 2, small; 1, trace.

² Pedon location of Angelo silty clay loam, from the county courthouse 3.4 miles northeast on U.S. Highway 67, 3.1 miles north on Ranch Road 853, then 30 yards east in range.

³ This is the typical pedon for the series in this survey and it is described in the section "Soil Series and Their Morphology."

⁴ Pedon location of Reagan silty clay loam, from Barnhart 12.3 miles north on Texas Highway 163, 0.3 mile east on Ranch Road 2469, then 150 feet north in range.