

Engineering Properties

Washington County, Arkansas

[Absence of an entry indicates that the data were not estimated. This report shows only the major soils in each map unit]

| Map symbol and soil name | Depth | USDA texture | Classification | | Fragments | | Percent passing sieve number-- | | | | Liquid limit | Plasticity index |
|-----------------------------|-----------|---------------------------------------|----------------|-------------|---------------|----------------|--------------------------------|--------|--------|-------|-----------------|---------------------|
| | | | Unified | AASHTO | >10 Inches | 3-10 Inches | 4 | 10 | 40 | 200 | | |
| | <i>In</i> | | | | <i>Pct</i> | <i>Pct</i> | | | | | <i>Pct</i> | |
| Sa: Samba | 0-12 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 90-100 | 85-100 | 60-90 | 25-35 | 9-15 |
| | 12-52 | Clay, silty clay, silty clay loam | CH, CL | A-7 | 0 | 0 | 100 | 90-100 | 90-100 | 75-95 | 45-65 | 20-40 |
| | 52-72 | Clay, gravelly silty clay, silty clay | CH | A-7 | 0 | 0 | 65-100 | 60-100 | 60-100 | 50-95 | 50-65 | 25-40 |