

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>Pct</i> | <i>Pct</i> | | | | | <i>Pct</i> | |
| AgD: Allegheny | 0-13 | Stony loam | GM, ML, SM | A-1, A-2, A-4 | 0 | 0-15 | 60-85 | 55-80 | 40-65 | 15-55 | 15-20 | NP |
| | 13-30 | Gravelly clay loam, gravelly loam, gravelly silty clay loam | CL, CL-ML, ML, SM | A-4 | 0 | 0-15 | 65-85 | 55-80 | 45-70 | 40-60 | 15-30 | NP-10 |
| | 30-43 | Gravelly clay loam, gravelly sandy clay loam, gravelly silty clay loam | CL, SC | A-4, A-6 | 0 | 0-20 | 75-90 | 70-85 | 55-75 | 40-65 | 26-40 | 8-20 |
| | 43-60 | Gravelly clay loam, gravelly silty clay, gravelly silty clay loam | CL, SC | A-6, A-7, A-7-6 | 0 | 0-15 | 75-90 | 70-85 | 55-75 | 40-70 | 35-50 | 12-25 |
| | 60-74 | Clay | CH | A-7 | 0 | 0 | 80-90 | 70-80 | 70-80 | 60-70 | 46-63 | 28-43 |