

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> | | |
| AhG: | | | | | | | | | | | | | | |
| Allen | 0-6 | Stony loam | CL, ML, SC, SM | A-4 | 15-25 | 5-15 | 90-100 | 75-85 | 65-75 | 36-55 | 15-30 | NP-8 | | |
| | 6-39 | Cobbly clay loam, clay loam, silt loam, stony sandy clay loam | CL, CL-ML, SC, SC-SM | A-2, A-4, A-6 | 0 | 0-30 | 75-95 | 70-90 | 45-70 | 30-60 | 25-40 | 6-20 | | |
| | 39-72 | Cobbly clay, clay loam, gravelly sandy clay loam | CL, SC | A-4, A-6, A-7 | 0 | 0-25 | 85-95 | 75-90 | 65-80 | 40-65 | 30-55 | 8-27 | | |
| Hector | | | | | | | | | | | | | | |
| | 0-6 | Stony fine sandy loam | GC-GM, GM, SC-SM, SM | A-2, A-4 | 20-40 | 0-30 | 50-95 | 50-95 | 40-65 | 30-50 | 15-25 | NP-7 | | |
| | 6-15 | Fine sandy loam, gravelly fine sandy loam, gravelly loam, stony fine sandy loam | GC-GM, GM, SC-SM, SM | A-2, A-4 | 0-5 | 0-10 | 55-100 | 55-95 | 50-70 | 30-50 | 15-25 | NP-7 | | |
| | 15-17 | Unweathered bedrock | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |