

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> | |
| FhF: | | | | | | | | | | | | |
| 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 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Fayetteville | 0-9 | Stony fine sandy loam | CL, ML, SC-SM, SM | A-2, A-4 | 15-35 | 5-15 | 85-100 | 80-95 | 60-85 | 30-55 | 15-25 | NP-8 |
| | 9-16 | Fine sandy loam, loam | CL, ML, SC, SM | A-4 | 0 | 0 | 90-100 | 85-100 | 70-85 | 40-55 | 15-25 | 3-8 |
| | 16-67 | Clay loam, loam, sandy clay loam | CL, SC | A-2, A-4, A-6 | 0 | 0 | 90-100 | 85-100 | 65-100 | 30-80 | 20-40 | 8-20 |
| | 67-72 | Clay loam, sandy clay, sandy clay loam | CL, SC | A-2, A-4, A-6, A-7 | 0 | 0 | 90-100 | 85-100 | 65-100 | 30-95 | 20-45 | 8-20 |