

# 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<br>and soil name | Depth | USDA texture                                      | Classification                |                     | Fragments     |                | Percent passing sieve number-- |        |       |       | Liquid<br>limit | Plasticity<br>index |
|-----------------------------|-------|---|-------------------------------|---------------------|---------------|----------------|--------------------------------|--------|-------|-------|-----------------|---------------------|
|                             |       |   | Unified                       | AASHTO              | >10<br>Inches | 3-10<br>Inches | 4                              | 10     | 40    | 200   |                 |                     |
|                             |       | <i>In</i>   |                               |                     | <i>Pct</i>    | <i>Pct</i>     |                                |        |       |       | <i>Pct</i>      |                     |
| Ra:                         |       |   |                               |                     |               |                |                                |        |       |       |                 |                     |
| Razort                      | 0-8   | Silt loam   | CL,<br>CL-ML,<br>ML           | A-4                 | 0             | 0              | 80-100                         | 75-100 | 70-95 | 50-90 | 15-30           | 3-10                |
|                             | 8-54  | Clay loam, gravelly loam, silt loam               | CL,<br>CL-ML,<br>SC,<br>SC-SM | A-4,<br>A-6         | 0             | 0              | 60-100                         | 60-100 | 55-95 | 40-85 | 15-40           | 6-15                |
|                             | 54-72 | Gravelly silt loam, very gravelly silt loam, loam | CL-ML,<br>GM,<br>ML,<br>SM    | A-1,<br>A-2,<br>A-4 | 0             | 0              | 30-100                         | 25-100 | 25-95 | 20-85 | 15-30           | 3-10                |