

TECHNICAL SOIL DESCRIPTIONS

GENERAL

In this subsection, a technical description of each soil series and each mapping unit in the survey area is described. Characteristics of the soil and the material in which it formed are identified. The soil is compared with similar soils and with nearby soils of other series. A pedon, a small, three-dimensional area of soil that is typical of the series in the survey area is described. The detailed description of each soil horizon follows standards in the Soil Survey Manual (1) and the National Soil Survey Handbook (2). Many of the technical terms used in the descriptions are defined in Soil Taxonomy (3). Following the pedon description is the range of important characteristics of the soil series in the survey area.

See the published soil survey (6) of your county for the technical soil descriptions and descriptions of mapping units (4)(5). The MLRA Soil Survey Project Leader or Resource Soil Scientist (7) should be consulted for the technical information in counties where project and update surveys are in progress, or in counties where surveys have been declared as out-of-date.

REFERENCES

- (1) Soil Survey Manual – USDA Handbook No. 18, Oct. 1993.
<http://soils.usda.gov/technical/manual/>
- (2) National Soil Survey Handbook, Part 618.
<http://soils.usda.gov/technical/handbook/detailedtoc.html>
- (3) Keys to Soil Taxonomy – 10th ed., 2006. ftp://ftp-fc.sc.egov.usda.gov/NSSC/Soil_Taxonomy/keys/keys.pdf
- (4) Soil Data Mart
<http://soildatamart.nrcs.usda.gov/Survey.aspx?State=WV>
- (5) Web Soil Survey
<http://websoilsurvey.nrcs.usda.gov/app/>
- (6) Archived Soil Survey Reports.
http://soils.usda.gov/survey/printed_surveys/state.asp?state=West%20Virginia&abbr=WV
- (7) West Virginia Personnel Directory
<http://www.wv.nrcs.usda.gov/contact/directory/directory.pdf>