

Major Land Resource Area 127X Eastern Allegheny Plateau and Mountains

Accessed: 06/19/2026

Ecological site keys

MLRA 127 PES Key (dichotomous)

1a. Soils not Human Altered Transported Materials (HAHT) or Mine Spoils;

2a. Parent Material Alluvium;

3b. Flood frequency: frequent, occasional, or rare – Flood plains;

4a. Soil drainage: poorly-drained to VPD - Wet Alluvial Land ... F127XY004WV – Wet Alluvial Lands

4b. Soil drainage: otherwise (not poorly-drained to VPD) - Alluvial Land ... F127XY005WV – Alluvial Land

3b. Flood frequency: none - Terraces ... F127XY006WV – Terraces

2b. Parent material otherwise (not alluvium);

5a. Soil drainage: poorly drained, very poorly drained - Wet Uplands ... F127XY007WV – Wet Uplands

5b. Soil drainage: otherwise (not poorly drained, not very poorly drained);

6a. Frigid soil temperature regime;

7a. In Northern Unglaciaded Allegheny Plateau - Pennsylvania and New York (cool frigid above 39°43' N latitude) - Cold Uplands ... F127XY010WV – Cold Uplands

7b. In Allegheny Mountains - other than Pennsylvania and New York (mostly WV)

8a. Soils Spodosols or of Spodic subgroup

9a. Soils rubbly – Rubbly Upland Conifer Forest ... F127XY016WV – Rubbly Upland
Conifer Forest

9b. Soils not rubbly

10a. Soils a True Spodosol – Spodic Shale Upland Conifer Forest ... F127XY001WV – Spodic
Shale Upland Conifer Forest

10b. Soils of Spodic subgroup – Spodic Intergrade Shale Upland Hardwood and Conifer Forest ...
F127XY002WV – Spodic Intergrade Shale Upland Hardwood And
Conifer Forest

8b. if otherwise - Frigid High Elevation Uplands ... F127XY011WV – Frigid High Elevation
Uplands

6b. Mesic soil temperature regime

11a. Soils colluvial - Convergent Uplands ... F127XY012WV – Convergent Uplands

11b. Soils otherwise (not colluvial)

12a. Soils not skeletal or > 100cm deep Divergent Uplands ... F127XY013WV – Divergent Uplands

12b. Soils skeletal and 100cm or less – Acid Shale Upland Oak/Heath ... F127XY003WV – Acidic Shale Upland Oak/Heath

1b. Human Transported Materials (HTM) or Mine Spoils

13a. Mine Spoil (reserved)... Mine Spoil ... F127XY100WV – Mine Spoil

13b. Urban HATM Uplands (reserved) [udorthents] --- Urbanland (reserved)