USDA icon **Natural Resources Conservation Service**

Major Land Resource Area 128X
Southern Appalachian Ridges and Valleys

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Ecological site keys

MLRA 128

I. Thermic soil temperature regime

A. Uplands

1 Limestone and Dolomite parent material

i. Pailo, Bodine, Fullerton, and Minvale soils ... F128XY001TN – Thermic Cherty Dolomite Upland Oak-Hickory Forest

ii. Barfield, Loyston, and Gladeville soils ... F128XY002TN – Thermic Shallow Well Drained Alfic Limestone Uplands

iii. very deep clayey, non-cherty, Dewey, Collegedale, and Decatur soils ... F128XY052WV – Thermic Very Deep Clayey Non-Cherty Limestone and Dolomite Residuum

iv. Other Limestone and Dolomite parent material soils ... F128XY500WV – Thermic Limestone And Dolomite Uplands

2 Interbedded Sedimentary parent material ... F128XY501WV – Thermic Interbedded Sedimentary Uplands

3 Alfic Shale parent material ... F128XY504WV – Thermic Alfic Shale Uplands

4 Limestone with Interbedded Sedimentary parent material ... F128XY507WV – Thermic Limestone With Interbedded Sedimentary Uplands

5 Sandstone Residuum parent material ... F128XY508WV – Thermic Sandstone Residuum

6 Quartzose Limestone and Calcareous Shale parent material ... F128XY509WV – Thermic Quartzose Limestone And Calcareous Shale Uplands

7 Residuum and Colluvium from Metamorphic Rocks parent material ... F128XY511WV – Thermic Residuum And Colluvium From Metamorphic Rocks

8 Moderately Well Drained Alfic Limestone parent material ... F128XY510WV – Thermic Moderately Well Drained Alfic Limestone Uplands

9 Interbedded Sedimentary Colluvium parent material ... F128XY506WV – Thermic Interbedded Sedimentary Colluvium

B. Floodplains

1 Alluvium parent material ... F128XY502WV – Thermic Floodplain Alluvium

C. Stream Terraces

1 High and Intermediate Alluvium parent material ... F128XY503WV – Thermic High And Intermediate Stream Terrace Alluvium

2 Low Alluvium parent material ... F128XY505WV – Thermic Low Stream Terrace Alluvium

II. Mesic soil temperature regime

A. Uplands

1 Limestone and Dolomite parent material ... F128XY513WV – Mesic Limestone And Dolomite Uplands

2 Interbedded Sedimentary parent material ... F128XY514WV – Mesic Interbedded Sedimentary Uplands

3 Sandstone Residuum parent material ... F128XY515WV – Mesic Sandstone Residuum

4 Limestone with Interbedded Sedimentary parent material ... F128XY516WV – Mesic Limestone With Interbedded Sedimentary Uplands

5 Alfic Limestone parent material ... F128XY518WV – Mesic Alfic Limestone Uplands

6 Organic Mountain Bog parent material ... F128XY522WV – Mesic Organic Mountain Bog Soils

B. Hillsides, Benches, Footslopes

1 Interbedded Sedimentary Colluvium parent material ... F128XY517WV – Mesic Interbedded Sedimentary Colluvium

C. Floodplains

1 Alluvium parent material ... F128XY519WV – Mesic Floodplain Alluvium

D. Stream Terraces

1 High and Intermediate Alluvium parent material ... F128XY520WV – Mesic High And Intermediate Stream Terrace Alluvium

2 Low Alluvium parent material ... F128XY521WV – Mesic Low Stream Terrace Alluvium

III. Frigid soil temperature regime

A. All landforms

1 Interbedded Sedimentary Residuum parent material ... F128XY512WV – Frigid Interbedded Sedimentary Residuum