

# Major Land Resource Area 128X

## Southern Appalachian Ridges and Valleys

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### Ecological site keys

#### MLRA 128

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#### 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**