

# Major Land Resource Area 147X

## Northern Appalachian Ridges and Valleys

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### Ecological site keys

#### MLRA 147

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- I. Uplands – summits, shoulders, or backslopes - residuum
  - A. Acidic Shales, SS, and Siltstone (Mixed Sedimentary)
    - 1. Bedrock <40" (100cm) ... F147XY008PA – Shallow Mixed Sedimentary Upland
    - 2. Bedrock >40" (100 cm) ... F147XY002PA – Mixed Sedimentary Upland
  - B. Limestone and Calcareous SS and Shales (Mixed Limestone) –includes Pre-Wisconsinan tills ... F147XY003PA – Mixed Limestone Upland
  - C. Sandstone dominated ... F147XY004PA – Sandstone Upland
- II. Footslopes, benches, or Toeslopes - colluvium
  - A. Acidic Shales, SS, and Siltstone (Mixed Sedimentary and Sandstone)
    - 1. Well Drained and MWD - combined with Deep Acid Mixed Sedimentary Upland
    - 2. Poorly Drained and SPD ... F147XY005PA – Poorly Drained Mixed Sedimentary Toeslope
  - B. Limestone and Calcareous SS and Shales (Mixed Limestone)
    - 1. Well Drained and MWD ... F147XY006PA – Mixed Limestone Lower Slope
    - 2. Poorly Drained and SPD - combined with PD floodplains
- III. Terraces – rarely flooded or not flooded
  - A. Well Drained and MWD ... F147XY007PA – Loamy To Coarse Terrace
  - B. Poorly Drained and SPD ... F147XY001PA – Poorly Drained Fine Alluvial Terrace
- IV. Eolian Deposits - Combined with Loamy to Coarse Terrace
- V. Floodplains and Drainageways
  - A. Shales, Sandstone, Limestones, and Siltstone Uplands
    - 1. Well Drained to MWD ... F147XY009PA – Loamy Mixed Floodplain
    - 2. Well Drained to EWD ... F147XY010PA – Coarse Mixed Floodplain
    - 3. Poorly Drained to VPD ... F147XY011PA – Poorly Drained Fine Mixed Floodplain
  - B. Marl, pure limestone, strongly carbonaceous
    - 1. Well Drained to MWD ... F147XY012PA – Calcareous Loamy Bottomland
    - 2. Poorly Drained and SPD ... F147XY013PA – Poorly Drained Calcareous Bottomland
- VI. Mine Spoil ... F147XY014PA – Mine Spoil Land
- VII. Frigid uplands ... F147XY015PA – Frigid Mixed Sedimentary Upland
- VIII. Urban uplands ... F147XY016PA – Urban Uplands