

Major Land Resource Area 130B

Southern Blue Ridge

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Ecological site keys

MLRA130B PES Key

1a. Soil temperature regime is Frigid

2a. Parent material not transported material (weathered in-place) Residuum

3a. Soils formed strictly of poorly drained, very deep, organic materials, and at higher elevations Frigid Mountain Bog ...

F130BY013WV – Frigid Mountain Bog

3b. Soils otherwise (not of poorly drained, very deep, organic materials, and at higher elevations)

4a. Soils shallow <50 cm to restriction Shallow Frigid Residuum ... F130BY009WV – Shallow Frigid Residuum

4b. Soils otherwise (not shallow) Frigid Residuum ... F130BY001WV – Frigid Residuum

2b. Parent material transported material - downslope by gravity/slopewash - Colluvium Frigid Colluvium ... F130BY002WV –

Frigid Colluvium

1b. Soil Temperature regime is Mesic

5a. Parent material not transported material (weathered in-place) Residuum

6a. Soils that tend to have redder subsoils with higher clays on gentle slopes Low Mountain Mesic Residuum ...

F130BY007WV – Low Mountain Mesic Residuum

6b. Soils otherwise (not have redder subsoils with higher clays on gentle slopes)

7a. Soils shallow <50 cm to restriction Shallow mesic Residuum ... F130BY008WV – Shallow Mesic Residuum

7b. Soils otherwise (not shallow)

8a. Soils predominately with a north to east (protected) aspect Mesic Residuum Cool Aspect ... F130BY003WV – Mesic Residuum Cool Aspect

8b. Soils predominately with a south to west (exposed) aspect Mesic Residuum Warm Aspect ... F130BY004WV – Mesic Residuum Warm Aspect

5b. Parent material transported (not weathered in-place)

9a. Parent material transported material extensively by recent floodwaters and actively flooded by drainages, streams and rivers – Alluvial Floodplains

10a. Floodplain soils not hydric – somewhat poorly drained or less Non-hydric Floodplain ... F130BY012WV – Non-Hydric Floodplains

10b. Floodplain soils hydric – poorly drained to very poorly drained Hydric Floodplain ... F130BY011WV – Hydric Floodplains

9b. Parent material transported material – not active alluvial floodplains

11a. Parent material transported material - downslope by gravity/slopewash on backslopes – backslope Colluvium

12a. Soils predominately with a north to east (protected) aspect Mesic Colluvium Cool Aspect ... F130BY005WV – Mesic Colluvium Cool Aspect

12b. Soils predominately with a south to west (exposed) aspect Mesic Colluvium Warm Aspect ... F130BY006WV – Mesic Colluvium Warm Aspect

11a. Parent material transported material – relict floodplains terraces or other flatland Terraces ... F130BY010WV – Terraces