Major Land Resource Area 130A
Northern Blue Ridge

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Ecological site keys

MLRA 130A Key

1a. Residuum or High-elevation Residuum

2a. High-elevation Residuum – ridge tops and possible 130b soils - Granitic, mixed metamorphic, meta-basalt, and igneous (Proterozoic early Paleozoic) Elevation >3000’ – [High Elevation Uplands] ... F130AY009VA – High Elevation Uplands

2b. Residuum – ridge tops, middle to upper sideslopes -

3a. Geology/Parent Material - Granitic, mixed metamorphic, and igneous (*Proterozoic (pre-cambrian) basement geology) - (depths are lumped due to scale of mapping) – [Mixed Metamorphic and Granitic Upland] ... F130AY001PA – Mixed Metamorphic And Granitic Upland

3b. Geology/Parent Material Otherwise –

4a. Geology/Parent Material - Metabasalt (Proterozoic to early Paleozoic (Cambrian)) (depths are lumped due to scale of mapping) – [Metabasalt Upland] ... F130AY002PA – Metabasalt Upland

4b. Geology/Parent Material Otherwise –

5b. Geology/Parent Material– Phyllites, metasandstone (Early Paleozoic (Cambrian to late Cambrian): Harpers, Weverton, Hampton) (depths are lumped due to scale of mapping) – [Phyllite-Metasandstone Upland] ... F130AY003PA – Phyllite-Metasandstone Upland

5b. Geology/Parent Material– Quartzites, highly resistant (Early Paleozoic (Cambrian to late Cambrian) –Chilhowie group) - bedrock mod deep to deep – [Quartzitic Upland] ... F130AY004PA – Quartzitic Upland

1b. Colluvium, Colluvium/Alluvium, Alluvium

6a. Colluvium - footslopes, benches

7a. Igneous, mixed metamorphic including metabasalts (Proterozoic to early Paleozoic geology), well-drained and MWD – [Mixed Metamorphic - Metabasalt Footslopes and Terraces] ... F130AY005PA – Mixed Metamorphic - Metabasalt Footslopes And Terraces

7b. Quartzites, phyllites, metasandstone, well-drained and MWD – [Quartzitic Footslopes and Terraces] ... F130AY006PA – Quartzitic Footslopes And Terraces

6b. Colluvium/Alluvium or Alluvium

8a. Alluvium - Floodplains - Mixed metamorphic, Well Drained and MWD -- Fine to Loamy Mixed Metamorphic Floodplain] ... F130AY007PA – Fine To Loamy Mixed Metamorphic Floodplain

8b. Colluvium/Alluvium –Toeslopes, Drainageways, and floodplains – colluvium/alluvium, Mixed Metamorphic, Poorly Drained and SPD – [Poorly to Somewhat Poorly Drained Floodplains and Toeslopes] ... F130AY008PA – Poorly To Somewhat Poorly Drained Floodplains And Toeslopes

MLRA 130A Outline

I. Residuum – ridge tops, middle to upper sideslopes

A. Granitic, mixed metamorphic, and igneous (Proterozoic (pre-cambrian) basement geology) (depths are lumped due to scale of mapping) ... F130AY001PA – Mixed Metamorphic And Granitic Upland

B. Metabasalt (Proterozoic to early Paleozoic (Cambrian))(depths are lumped due to scale of mapping) ... F130AY002PA – Metabasalt Upland

C. Phyllites, metasandstone (Early Paleozoic (Cambrian to late Cambrian): Harpers, Weverton, Hampton) (depths are lumped due to scale of mapping) ... F130AY003PA – Phyllite-Metasandstone Upland

D. Quartzites, highly resistant (Early Paleozoic (Cambrian to late Cambrian) – Chilhowie group) Bedrock Mod deep to Deep ... F130AY004PA – Quartzitic Upland

II. Colluvium - footslopes, benches

A. Igneous, mixed metamorphic including metabasalts (Proterozoic to early Paleozoic geology) Well Drained and MWD ... F130AY005PA – Mixed Metamorphic - Metabasalt Footslopes And Terraces

B. Quartzites, phyllites, metasandstone Well Drained and MWD ... F130AY006PA – Quartzitic Footslopes And Terraces

III. Floodplains - alluvium

A. Mixed metamorphic Well Drained and MWD ... F130AY007PA – Fine To Loamy Mixed Metamorphic Floodplain

IV. Toeslopes, Drainageways, and floodplains – colluvium/alluvium

A. Mixed Metamorphic Poorly Drained and SPD ... F130AY008PA – Poorly To Somewhat Poorly Drained Floodplains And Toeslopes

V. Hi elevation residuum – ridge tops and possible 130b soils

A. Granitic, mixed metamorphic, meta-basalt, and igneous (Proterozoic early Paleozoic) Elevation >3000’ ... F130AY009VA – High Elevation Uplands