

Major Land Resource Area 116B Springfield Plain

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Ecological site keys

MLRA 116B

I. Upland Summits, Shoulders or Backslopes

A. Bedrock <20"

1 SHALLOW LIMESTONE UPLAND GLADE/WOODLAND Limestone residuum ... R116BY024MO – Shallow Limestone Upland Glade/Woodland

2 SHALLOW SANDSTONE UPLAND GLADE/WOODLAND Sandstone residuum ... R116BY025MO – Shallow Sandstone Upland Glade/Woodland

B. Bedrock >20"

1 Mollisol or Mollic Subgroup

i. >12" loess

a. CLAYPAN SUMMIT PRAIRIE Fragipan or claypan ... R116BY020MO – Claypan Summit Prairie

b. LOAMY UPLAND PRAIRIE No root restriction ... R116BY022MO – Loamy Upland Prairie

ii. <12" loess

a. CHERT UPLAND PRAIRIE Cherty limestone residuum ... R116BY021MO – Chert Upland Prairie

b. SANDSTONE/SHALE UPLAND PRAIRIE Sandstone/shale residuum ... R116BY023MO – Sandstone/Shale Upland Prairie

2 Alfisol or Ultisol (not in Mollic subgroups)

i. <15% slope

a. >12" loess

1) Fragipan

a) FRAGIPAN UPLAND FLATWOODS P, SWP Drained ... F116BY039MO – Fragipan Upland Flatwoods

b) FRAGIPAN UPLAND WOODLAND MW Drained ... F116BY001MO – Fragipan Upland Woodland

2) LOW-BASE LOAMY UPLAND WOODLAND No root restriction ... F116BY005MO – Low-Base Loamy Upland Woodland

b. <12" loess

1) Cherty limestone residuum

a) Alfisol

(1) **CHERT LIMESTONE UPLAND WOODLAND Bedrock 20-60"** ... F116BY006MO – Chert Limestone Upland Woodland

(2) **CHERT UPLAND WOODLAND No root restriction** ... F116BY003MO – Chert Upland Woodland

b) **LOW-BASE CHERT UPLAND WOODLAND Ultisol** ... F116BY004MO – Low-Base Chert Upland Woodland

2) **DRY SANDSTONE UPLAND WOODLAND Sandstone residuum** ... F116BY007MO – Dry Sandstone Upland Woodland

3) **Interbedded shale, sandstone, mudstone residuum**

a) **INTERBEDDED SEDIMENTARY UPLAND WOODLAND Alfisol** ... F116BY008MO – Interbedded Sedimentary Upland Woodland

b) **LOW-BASE INTERBEDDED SEDIMENTARY UPLAND WOODLAND Ultisol** ... F116BY019MO – Low-Base Interbedded Sedimentary Upland Woodland

ii. >15% slope

a. Cherty limestone residuum

1) Alfisol

a) **Bedrock 20-60"**

(1) **CHERT LIMESTONE PROTECTED BACKSLOPE FOREST N, E aspects** ... F116BY011MO – Chert Limestone Protected Backslope Forest

(2) **CHERT LIMESTONE EXPOSED BACKSLOPE WOODLAND S, W aspects**

b) **No root restriction**

(1) **CHERT PROTECTED BACKSLOPE FOREST N, E aspects** ... F116BY009MO – Chert Protected Backslope Forest

(2) **CHERT EXPOSED BACKSLOPE WOODLAND S, W aspects** ... F116BY032MO – Chert Exposed Backslope Woodland

2) Ultisol

a) **LOW-BASE CHERT PROTECTED BACKSLOPE WOODLAND N, E aspects** ... F116BY010MO – Low-Base Chert Protected Backslope Woodland

b) **LOW-BASE CHERT EXPOSED BACKSLOPE WOODLAND S, W aspects** ... F116BY034MO – Chert Limestone Exposed Backslope Woodland

b. Interbedded shale, sandstone, mudstone residuum

1) **INTERBEDDED SEDIMENTARY PROTECTED BACKSLOPE FOREST N, E aspects** ... F116BY012MO – Interbedded Sedimentary Protected Backslope Forest

2) **INTERBEDDED SEDIMENTARY EXPOSED BACKSLOPE WOODLAND S, W aspects** ... F116BY036MO – Interbedded Sedimentary Exposed Backslope Woodland

II. Footslopes

A. WET FOOTSLOPE PRAIRIE Mollisol or Mollic Subgroup ... R116BY027MO – Wet Footslope Prairie

B. Alfisol

1 DRY FOOTSLOPE WOODLAND Low AWC (skeletal, sandy, coarse-loamy) ... F116BY016MO – Dry Footslope Woodland

2 LOAMY FOOTSLOPE WOODLAND Mod to High AWC (fine-loamy, fine-silty) ... F116BY013MO – Loamy Footslope Woodland

III. Upland Drainageways

A. GRAVELLY/LOAMY UPLAND DRAINAGEWAY WOODLAND MW, W, SWE drained ... F116BY017MO – Gravelly/Loamy Upland Drainageway Woodland

B. WET UPLAND DRAINAGEWAY PRAIRIE SWP, P drained ... R116BY037MO – Wet Upland Drainageway Prairie

IV. Sinkholes

A. LOAMY SINKHOLE WOODLAND Well Drained ... F116BY018MO – Loamy Sinkhole Woodland

B. PONDED SINKHOLE WETLAND Somewhat Poorly Drained ... R116BY040MO – Poned Sinkhole Wetland

V. Terraces and Floodplain Steps

A. LOAMY TERRACE SAVANNA Mollisol or Mollic Subgroup ... R116BY026MO – Loamy Terrace Savanna

B. Alfisol

1 LOAMY TERRACE WOODLAND Well Drained ... F116BY015MO – Loamy Terrace Woodland

2 WET TERRACE WOODLAND SWP, P Drained ... F116BY014MO – Wet Terrace Woodland

VI. Floodplains

A. SANDY/GRAVELLY FLOODPLAIN FOREST Low AWC (skeletal, sandy, coarse-loamy) ... F116BY029MO – Sandy/Gravelly Floodplain Forest

B. LOAMY FLOODPLAIN FOREST Mod to High AWC (fine-loamy, fine-silty) ... F116BY002MO – Loamy Floodplain Forest