

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 –
Ponded 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

okay. note