# Major Land Resource Area 116B
# Springfield Plain

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## Ecological site keys

### MLRA 116B

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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