

Major Land Resource Area 134X

Southern Mississippi Valley Loess

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Ecological site keys

MLRA 134 Northwest - Crowleys Ridge (west of Mississippi River)

I. Crowley's Ridge uplands

A. Loess greater than 4 feet thick

1 Fragipan ... F134XY207AL – Western Fragipan Uplands - PROVISIONAL

2 No fragipan

i. Backslopes greater than 12 percent slopes ... F134XY001TN – Northern Deep Loess Backslope Mesophytic Forest

ii. Summits less than 12 percent slopes ... F134XY002TN – Northern Deep Loess Summit

B. Loess-fluviomarine sediment complex

1 Backslopes greater than 12 percent slopes ... F134XY208AL – Western Dry Loess Backslope - PROVISIONAL

2 Summits less than 12 percent slopes ... F134XY210AL – Western Dry Loess Summit - PROVISIONAL

II. Loess-capped terraces (Pleistocene Valley Trains)

A. No restrictive horizons; well drained ... F134XY201AL – Western Loess Terrace - PROVISIONAL

B. Restrictive horizons present or poorly drained soils with a glossic horizon

1 Moderately well drained fragipan ... F134XY206AL – Western Fragipan Terrace - PROVISIONAL

2 Somewhat poorly drained fragipan ... F134XY209AL – Western Moderately Wet Terrace - PROVISIONAL

3 Poorly drained fragipan/glossic horizon ... F134XY202AL – Western Wet Loess Terrace - PROVISIONAL

4 Natric horizon ... F134XY203AL – Western Alkali Flatwoods - PROVISIONAL

III. Floodplains

A. Well to moderately well drained ... F134XY204AL – Western Alluvial Flat - PROVISIONAL

B. Somewhat poorly drained ... F134XY205AL – Western Moderately Wet Alluvial Flat - PROVISIONAL