

Major Land Resource Area 084B West Cross Timbers

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Ecological site keys

84B

1 Key A

1 Surface horizon is calcareous

A. Argillic horizon present ...Go to Key B

B. Argillic horizon not present

i. Sandstone, claystone, or siltstone bedrock within 60" ... R084BY179TX – Limy Slope 30-38

ii. Limestone, marl (calcareous mudstone), or no bedrock contact within 60" ...MLRA 85

2 Key B

2 Landform is a flood plain or flood-plain step

A. Clayey surface texture ...MLRA 85A Clayey Bottomland

B. Sandy or loamy surface texture

i. Loamy surface texture ... R084BY170TX – Loamy Bottomland 29-33" PZ

ii. Sandy surface texture ... R084BY173TX – Sandy Bottomland 29-33" PZ

3 Landform is a drainage way, stream terrace, or hillslope (upland)

A. Clayey surface texture ...MLRA 85 Clayey Swale

B. Sandy or loamy surface texture

i. Sandy surface texture

a. Greater than 40" of sandy epipedon ... R084BY169TX – Deep Sand 29-33" PZ

b. Less than 40" sandy epipedon

1 Matrix color of argillic horizon is grey with chroma of less than 3 within 40" ... R084BY171TX – Loamy Sand 29-33" PZ

2 Matrix color of argillic horizon is brown or red ... R084BY172TX – Sandy 29-33" PZ

ii. Loamy surface texture

a. Matrix color of argillic horizon is grey

1 Clayey argillic horizon ... R084BY168TX – Claypan 29-33" PZ

2 Loamy argillic horizon ... R084BY174TX – Sandy Loam 29-33" PZ

b. Matrix color of argillic horizon is brown or red

1 Clayey argillic horizon ... R084BY175TX – Tight Sandy Loam 29-33" PZ

2 Loamy argillic horizon ... R084BY174TX – Sandy Loam 29-33" PZ