

# Major Land Resource Area 084B West Cross Timbers

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## Ecological site keys

### 84B

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#### 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**