

Major Land Resource Area 081B Edwards Plateau, Central Part

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Ecological site keys

MLRA 81B Site Key

I. Soils derived from alluvium

- A. Less than 23 inches of rainfall ... R081BY334TX – Loamy Bottomland 19-23 PZ
- B. Greater than 23 inches of rainfall ... R081BY335TX – Loamy Bottomland 23-31 PZ

II. Soils derived from other sources and on uplands

A. Soil depth greater than 20 inches

1. Soil color in upper subsoil horizons redder than 5YR

- i. Soil depth greater than 40 inches ... R081BY328TX – Deep Redland 23-31 PZ
- ii. Soil depth between 20 and 40 inches
 - a. Skeletal soils ... R081BY332TX – Gravelly Redland 23-31 PZ
 - b. Non-skeletal soils ... R081BY340TX – Redland 23-31 PZ

2. Soils with other colors

i. Surface textures with less than 35 percent clay

- a. Skeletal soils
- b. Non-skeletal soils ... R081BY333TX – Loamy 19-23 PZ

ii. Surface textures with greater than 35 percent clay

a. Fine surface textures and less than 3 percent slope

- 1) Less than 23 inches of rainfall ... R081BY323TX – Clay Flat 19-23 PZ
- 2) Greater than 23 inches of rainfall ... R081BY324TX – Clay Flat 23-31 PZ

b. All other soils

- 1) Less than 23 inches of rainfall ... R081BY325TX – Clay Loam 19-23 PZ
- 2) Greater than 23 inches of rainfall ... R081BY326TX – Clay Loam 23-31 PZ

B. Soil depth less than 20 inches

1. Slopes less than 20 percent

i. Soil with lithic contact

- a. Soils in hyperthermic temperature regime ... R081BY593TX – Limestone Hill 19-23 PZ
- b. Soils in thermic temperature regime
 - 1) Less than 23 inches of rainfall ... R081BY336TX – Low Stony Hill 19-23 PZ
 - 2) Greater than 23 inches of rainfall ... R081BY337TX – Low Stony Hill 23-31 PZ

ii. All others

a. Soil depth less than 10 inches

- 1) **Less than 23 inches of rainfall** ... R081BY353TX – Very Shallow 19-23 PZ
- 2) **Greater than 23 inches of rainfall** ... R081BY354TX – Very Shallow 23-31 PZ

b. Soil depth between 10 and 20 inches

- 1) **Soils on Glenrose Formation** ... R081BY320TX – Adobe 23-31 PZ
- 2) **All others**
 - i) **Less than 23 inches of rainfall** ... R081BY342TX – Shallow 19-23 PZ
 - ii) **Greater than 23 inches of rainfall**

2. Slopes greater than 20 percent

i. Soils with lithic contact

- a. Less than 23 inches of rainfall** ... R081BY349TX – Steep Rocky 19-23 PZ
- b. Greater than 23 inches of rainfall** ... R081BY350TX – Steep Rocky 23-31 PZ

ii. Soils with paralithic contact ... R081BY348TX – Steep Adobe 23-31 PZ