

Major Land Resource Area 078B

Central Rolling Red Plains, Western Part

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Ecological site keys

MLRA 78B

I. Uplands

A. >30% surface gravel ... R078BY075TX – Gravelly 20-24" PZ

B. <30% surface gravel

1. >20% slopes

i. Over claystone ... R078BY094TX – Clayey Breaks

ii. Not over claystone ... R078BY084TX – Rough Breaks 19-26" PZ

2. <20% slopes

i. <20 inches to restrictive layer

a. Over claystone ... R078BY092TX – Very Shallow Clay 19-26" PZ

b. Over sandstone

1) <10 inches to bedrock ... R078BY701TX – Shallow Sandstone 19-26" PZ

2) >10 inches to bedrock ... R078BY089TX – Shallow 19-26" PZ

c. Over limestone/caliche ... R078BY091TX – Very Shallow 19-26" PZ

d. Over gypsum ... R078BY076TX – Gyp 19-26" PZ

ii. >20 inches to restrictive layer

a. <40 inches to claystone ... R078BY090TX – Shallow Clay 19-26" PZ

b. >40 inches to claystone

1) Soils ponded / depressional areas ... R078BY078TX – Lakebed 19-26" PZ

2) No ponding or depressional areas

a) Sandy surface FS, LFS

(1) With argillic horizon/lamellae

(a) Sandy surface more than 50cm ... R078BY086TX – Sandy 19-26" PZ

(b) Sandy surface less than 50cm ... R078BY082TX – Loamy Sand 19-26" PZ

(2) No argillic horizon/lamellae ... R078BY085TX – Sand Hills 19-26" PZ

b) Sandy loam surface FSL ... R078BY088TX – Sandy Loam 19-26" PZ

c) Clay loam surface CL ... R078BY072TX – Clay Loam 19-26" PZ

d) Clay surface ... R078BY071TX – Clay Flat 19-26" PZ

e) Loamy surface

(1) Calcareous soils ... R078BY079TX – Loamy 19-26" PZ

(2) Non-calcareous soils ... R078BY081TX – Loamy Upland 19-26" PZ

II. Floodplains

A. Water table <30 inches from surface ... R078BY093TX – Wet Bottomland 19-26" PZ

B. Water table >30 inches from surface

1. Clay surface texture ... R078BY070TX – Clayey Bottomland 19-26" PZ

2. Sandy surface texture ... R078BY087TX – Sandy Bottomland 19-26" PZ

3. Loamy surface texture

i. head of drainageways, rare flooding ... R078BY074TX – Draw 19-26" PZ

ii. Commonly flooded bottomlands ... R078BY080TX – Loamy Bottomland 19-26" PZ