

Major Land Resource Area 077D

Southern High Plains, Southwestern Part

Accessed: 05/21/2026

Ecological site group keys

MLRA 77D

I. Additional water

A. Subsurface EC >4 ... 077DESG05 – Saline Bottoms

B. Subsurface EC <4 ... 077DESG01 – Bottoms

II. Uplands

A. Surface SAR >8 or subsurface EC >8 or surface EC >4 ... 077DESG06 – Saline Hills

B. Surface SAR <8 and subsurface EC <8 and surface EC <4

1 Depth <30cm ... 077DESG09 – Very Shallow

2 Depth: 30-55cm ... 077DESG08 – Shallow

3 Depth >55cm

i. Clay >30% surface or >35% subsurface ... 077DESG02 – Clay Uplands

ii. Clay <30% surface or <35% subsurface

a. Sand >75% or texture is loamy sand or sandier in surface & subsurface ... 077DESG07 – Sandy Uplands

b. Sand <75% or texture is sandy loam or finer in surface & subsurface

1) Clay <20% or texture is sandy loam or sandier in surface ... 077DESG04 – Loamy Uplands

2) Clay >20% or texture is finer than sandy loam in surface ... 077DESG03 – Finer Uplands