

Major Land Resource Area 077B Southern High Plains, Northwestern Part

Accessed: 05/27/2026

Ecological site group keys

MLRA 77B

I. Additional water ... 077BESG05 – Riparian

II. Uplands

A. Surface SAR >8 or subsurface EC >8 or surface EC >4 ... 077BESG06 – Saline Hills

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

1 EC >1.5 surface or >2 subsurface ... 077BESG07 – Saline Uplands

2 EC <1.5 surface and <2 subsurface

i. Depth <30cm ... 077BESG10 – Very Shallow

ii. Depth: 30-55cm ... 077BESG09 – Shallow

iii. Depth >55cm

a. Rock >30% surface or >30% subsurface ... 077BESG02 – Deep Rocky

b. Rock <30% surface and <30% subsurface

1) Clay >30% surface or >35% subsurface ... 077BESG01 – Clay Uplands

2) Clay <30% surface and <35% subsurface

a) Sand >75% or texture is loamy sand or sandier in surface & subsurface ... 077BESG08 – 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 ... 077BESG04 – Loamy Uplands

(2) Clay >20% or texture is finer than sandy loam in surface ... 077BESG03 – Finer Uplands