

Major Land Resource Area 058A Northern Rolling High Plains, Northern Part

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Ecological site group keys

MLRA 58A

I. Additional water

A. Perennial water ... 058AESG09 – Riparian

B. Ephemeral water

1 Subsurface EC>4 ... 058AESG10 – Saline Bottoms

2 Subsurface EC<4

i. Sand >50% & clay <25% for surface and subsurface ... 058AESG13 – Sandy Bottoms

ii. Sand <50% or clay >25% for surface and subsurface ... 058AESG01 – Bottoms

II. Uplands

A. >75% bedrock outcrop ... 058AESG08 – Outcrops

B. <75% bedrock outcrop

1 Surface SAR>8 ... 058AESG11 – Saline Hills

2 Surface SAR<8

i. Gypsum >5% surface or >10% subsurface ... 058AESG06 – Gypsum

ii. Gypsum <5% surface and <10% subsurface

a. Subsurface EC>8 or surface EC>4 ... 058AESG11 – Saline Hills

b. Subsurface EC<8 and surface EC<4

1) EC >1.5 surface or >2 subsurface ... 058AESG12 – Saline Uplands

2) EC <1.5 surface and <2 subsurface

a) Slope >35% & >40% surface rock ... 058AESG02 – Breaks

b) Slope <35% or <40% surface rock

(1) Depth <30cm ... 058AESG16 – Very Shallow

(2) Depth: 30-55cm ... 058AESG15 – Shallow

(3) Depth >55cm

(a) Rock >30% surface or >30% subsurface ... 058AESG04 – Deep Rocky

(b) Rock <30% surface and <30% subsurface

(1) Clay >30% surface or >35% subsurface ... 058AESG03 – Clay Uplands

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

(a) Sand >75% or texture is loamy sand or sandier in surface & subsurface ... 058AESG14

– 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 ... 058AESG07 –

Loamy Uplands

(2) Clay >20% or texture is finer than sandy loam in surface ... 058AESG05 –

Finer Uplands