

Major Land Resource Area 018X Sierra Nevada Foothills

Accessed: 06/18/2026

Ecological site group keys

MLRA 18

I. Additional water

A. Perennial water ... 018XESG08 – Riparian

B. Ephemeral water

1 Sand >50% & clay <25% for surface and subsurface ... 018XESG10 – Sandy Bottoms

2 Sand <50% or clay >25% for surface and subsurface ... 018XESG01 – Bottoms

II. Uplands

A. >75% bedrock outcrop ... 018XESG07 – Outcrops

B. <75% bedrock outcrop

1 Surface SAR >8 or subsurface EC >8 or surface EC >4 ... 018XESG09 – Saline Hills

2 Surface SAR <8 and subsurface EC <8 and surface EC <4

i. Slope >35% & 40% surface rock ... 018XESG02 – Breaks

ii. Slope <35% or <40% surface rock

a. Depth <30 cm ... 018XESG13 – Very Shallow

b. Depth: 30-55 cm ... 018XESG12 – Shallow

c. Depth >55 cm

1) Rock >30% surface or >30% subsurface ... 018XESG04 – Deep Rocky

2) Rock <30% surface and <30% subsurface

a) Clay >30% surface or >35% subsurface ... 018XESG03 – Clay Uplands

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

(1) Sand >75% or texture is loamy sand or sandier in surface & subsurface ... 018XESG11 – Sandy Uplands

(2) Sand <75% or texture is sandy loam or finer in surface & subsurface

(a) Clay <20% or texture is sandy loam or sandier in surface ... 018XESG06 – Loamy Uplands

(b) Clay >20% or texture is finer than sandy loam in surface ... 018XESG05 – Finer Uplands