

# Ecological site group 035XESG28

## Semiarid Cool Deep Rocky

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### Key Characteristics

- <75% bedrock outcrop
- Ephemeral water or uplands
- Ustic moisture regime
- Uplands
- Surface SAR<8
- Gypsum <5% surface and <10% subsurface
- Subsurface EC<8 and surface EC<4
- EC <1.5 surface and <2 subsurface
- Slope <35% or <40% surface rock
- Depth >55cm
- Rock >30% surface or >30% subsurface

Provisional. A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.

### Physiography

This ESG is located on plateaus, fan terraces, and fan remnants.

### Climate

This ESG is characterized by the ustic moisture regime.

### Vegetation dynamics

The modal ecological site for this ESG is R035XG114NM Gravelly.

### Major Land Resource Area

MLRA 035X  
Colorado Plateau

### Subclasses

- DX035X01I113–Loamy Upland 10-14" p.z.
- DX035X01I117–Sandy Loam Upland 10-14" p.z.
- DX035X02B611–Clay Loam Upland 13-17" p.z. Gravelly (PIED, JUOS)
- DX035X03A004–Hills or Elevated Plains 12 to 15 inches
- DX035X03A005–Woodland Uplands Transition 16-35
- DX035X03A112–Loamy
- DX035X03A131–Foothills
- DX035X03B134–Gravelly - Woodland
- DX035X03B817–Loamy Slopes 17-25" p.z. Cobbly (PIPO)
- DX035X03B818–Sandy Loam Slopes 17-25" p.z. Cobbly (PIPO, POTR5)

- DX035X03F003–Pinyon Juniper - Breaks/Hills 12 to 15 inches
- DX035X03G002–Western Plateau Zuni Reservation 13 to 16 inches
- F035XA126AZ–Sandy Loam Upland 10-14" p.z. Gravelly (JUOS, PIMO)
- F035XF609AZ–Cinder Hills 13-17" p.z. (PIED)
- F035XF614AZ–Loamy Upland 13-17" p.z. Gravelly (PIED, JUOS)
- F035XF615AZ–Loamy Upland 13-17" p.z. Limy (JUOS, PIMO)
- F035XF619AZ–Limestone Upland 13-17" p.z. (JUOS, PIED)
- F035XF620AZ–Basalt Upland 13-17" p.z. (JUOS)
- F035XF627AZ–Sandstone Upland (JUOS, PIED) 13-17" p.z. (Provisional)
- F035XF636AZ–Sandstone/Quartzite Upland 13-17" p.z. Fine (JUOS)
- F035XH805AZ–Loamy Hills 17-25" p.z. (PIPO)
- F035XI902AZ–Loamy Hills 25-33" p.z. (ABCO, PIPO, POTR5)
- F035XI903AZ–Loamy Hills 25-33" p.z. Cold (ABLA, PIEN)
- R035XA102AZ–Tephra Hills, Loamy 10-14" p.z.
- R035XA106AZ–Clayey Upland 10-14" p.z.
- R035XA107AZ–Clay Loam Upland 10-14" p.z.
- R035XA111AZ–Limy Upland 10-14" p.z.
- R035XA117NM–Cinder
- R035XB210AZ–Loamy Upland 6-10" p.z.
- R035XC328AZ–Cobbly Slopes 10-14" p.z.
- R035XC329AZ–Loamy Upland 10-14" p.z. Gravelly
- R035XC330AZ–Sandy Terrace 10-14" p.z. Stony
- R035XF601AZ–Sedimentary Cliffs 13-17" p.z.
- R035XF603AZ–Clay Loam Upland 13-17" p.z.
- R035XG114NM–Gravelly
- R035XG704AZ–Cinder Upland 14-18" p.z.
- R035XG706AZ–Clayey Upland 14-18" p.z.
- R035XG707AZ–Clay Loam Upland 14-18" p.z.
- R035XG711AZ–Loamy Upland 14-18" p.z.
- R035XH003NM–Cinder Hills 18-22"p.z.
- R035XY011UT–Loamy Bottom (Basin Big Sagebrush)
- R035XY203UT–Semidesert Bouldery Fan (Blackbrush)
- R035XY209UT–Semidesert Loam (Wyoming Big Sagebrush)
- R035XY242UT–Semidesert Gravelly Loam (Shadscale)
- R035XY246UT–Semidesert Stony Loam (Utah Juniper-Pinyon)
- R035XY303UT–Upland Gravelly Loam (Pinyon-Juniper)
- R035XY304UT–Upland Clay Loam (Pinyon - Juniper)
- R035XY308UT–Upland Loam (Mountain Big Sagebrush)
- R035XY315UT–Upland Shallow Loam (Pinyon-Utah Juniper) AWC <3
- R035XY317UT–Upland Steep Stony Loam (Utah Juniper-Pinyon)
- R035XY318UT–Upland Stony Loam (Wyoming Big Sagebrush, Indian Ricegrass)
- R035XY321UT–Upland Stony Loam (Pinyon-Utah Juniper)
- R035XY328UT–Upland Very Steep Stony Loam (Pinyon-Utah Juniper)

### **Correlated Map Unit Components**

24477304, 24484676, 24484690, 24484698, 24484713, 24484717, 24484726, 24484727, 24484728, 24484730, 24484734, 24484735, 24484743, 24484755, 24484757, 24484778, 24484781, 24484786, 24484791, 24491024, 24491101, 24491059, 24491060, 24491061, 24491028, 24491104, 24491068, 24506758, 24506972, 24483081, 24483223, 24483220, 24483001, 24483688, 24483716, 24478550, 24478546, 24478547, 24478555, 24478905, 24478910, 24478924, 24478655, 24478690, 24478946, 24478948, 24478681, 24478520, 24478647, 24478554, 24478582, 24476079, 24447147, 24447222, 24447217, 23732312, 23732314, 24302338, 24302802, 24302814, 24310577, 24310661, 24310669, 24310598, 24310594, 24310703, 24310890, 24310715, 24310815, 24314754, 24314611, 24314769, 24366520, 24366945, 24367005, 24323972, 24323883, 24327365, 24327125, 24327141, 24327289, 24327150, 24327026, 24327024, 24327166, 24327313, 24446294, 24446314, 24446317, 24446522, 24446538, 24446542, 24446548, 24446554, 24446563, 24524543, 24524541, 24528772, 24529032, 24529316, 24528936, 24529643, 24529412, 24531520, 24530265, 24532559, 24533056, 24533512, 24533367, 24533577, 24533544, 24532995, 24533149, 24533028, 24538981, 24538982, 24538225, 24538224, 24538266, 24538380,

24538381, 24538851, 24538142, 24538844, 24538513, 24538502, 24538506, 24538943, 24538929, 24541034, 24541037, 24540835, 24540836, 24540838, 24541024, 24540944

## **Stage**

Provisional

## **Contributors**

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## **State and transition model**

## **Citations**