

# Ecological site group 029XESG13

## Shallow

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### Key Characteristics

- Uplands
- <75% bedrock outcrop
- Surface SAR <8 and Subsurface EC <8 and Surface EC <4
- EC <1.5 surface and <2 subsurface
- slope <35% or <40% surface rock
- Depth: 30-55cm

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 mountain slopes and hills.

### Vegetation dynamics

The modal ecological site for this ESG is R029XY010NV Loamy Slope 8-10 P.Z.

### Major Land Resource Area

MLRA 029X  
Southern Nevada Basin and Range

### Subclasses

- F029XY001CA–Shallow Sandy Slope
- F029XY065NV–PIMO-JUOS/ARTRW8
- F029XY066NV–PIMO-JUOS WSG 1R0501 12 to 16
- F029XY067NV–PIMO-JUOS WSG 0R0501 12 to 16
- F029XY068NV–PIMO-JUOS/ARAR8
- F029XY069NV–PIMO-JUOS WSG 0R0504 12 to 16
- F029XY071NV–Shallow Rocky Loam 10-12" P.Z.
- F029XY078NV–Shallow Ashy Loam 12-16" P.Z.
- F029XY084NV–PIMO-JUOS WSG 0R0501 12 to 16
- F029XY095NV–PIMO-JUOS WSG 0R0501 12 to 16
- F029XY102NV–PIMO WSG 0R0601 14 to 18
- F029XY131NV–PIMO WSG 0R0603 12 to 16
- R029XG008CA–Gravelly Slope 5-8" P.Z.
- R029XG017CA–Loamy 5-8" P.Z.
- R029XG022CA–Gravelly Sandy Fan 8-10" P.Z.
- R029XG025CA–Shallow Tableland 5-8" P.Z.
- R029XG030CA–Granitic Fan (BLM)
- R029XG033CA–Granitic Slope (BLM)
- R029XG034CA–Steep Sandy Slope (BLM)
- R029XG038CA–Subalpine Sagebrush (BLM)

- R029XG048CA–Mahogany Slope (BLM)
- R029XY006NV–LOAMY 8-10 P.Z.
- R029XY008NV–SHALLOW CALCAREOUS LOAM 8-12 P.Z.
- R029XY010NV–LOAMY SLOPE 8-10 P.Z.
- R029XY013NV–SHALLOW GRAVELLY LOAM 5-8 P.Z.
- R029XY014NV–SHALLOW CALCAREOUS SLOPE 8-12 P.Z.
- R029XY015NV–SHALLOW CALCAREOUS HILL 8-10 P.Z.
- R029XY016NV–LOAMY UPLAND 5-8 P.Z.
- R029XY017NV–LOAMY 5-8 P.Z.
- R029XY019NV–SHALLOW GRAVELLY SLOPE 8-10 P.Z.
- R029XY021NV–LOAMY HILL 5-8 P.Z.
- R029XY022NV–LOAMY SLOPE 5-8 P.Z.
- R029XY029NV–LOAMY 10-12 P.Z.
- R029XY031NV–SHALLOW DROUGHTY LOAM 5-8 P.Z.
- R029XY036NV–COBBLY LOAM 5-8 P.Z.
- R029XY037NV–COBBLY SLOPE 5-8 P.Z.
- R029XY043NV–MAHOGANY SAVANNA
- R029XY046NV–SANDY LOAM 5-8 P.Z.
- R029XY052NV–CLAYPAN 16+ P.Z.
- R029XY053NV–MOUNTAIN RIDGE 16+ P.Z.
- R029XY073NV–BOULDERY SLOPE 8-12 P.Z.
- R029XY075NV–LOAMY SLOPE 10-12 P.Z.
- R029XY077NV–SHALLOW GRAVELLY LOAM 8-10 P.Z.
- R029XY080NV–SHALLOW SANDY LOAM 5-8 P.Z.
- R029XY081NV–SHALLOW CALCAREOUS HILL 10-14 P.Z.
- R029XY087NV–GRAVELLY LOAM 5-8 P.Z.
- R029XY104NV–SHALLOW CLAY LOAM 10-12 P.Z.
- R029XY105NV–GRAVELLY CLAY 10-12 P.Z.
- R029XY163NV–COBBLY CLAYPAN 12-14 P.Z.
- R029XY164NV–GRAVELLY CLAY SLOPE 12-14 P.Z.
- R029XY165NV–ERODED NORTH SLOPE 12-14 P.Z.
- R029XY167NV–GRAVELLY LOAM 8-10 P.Z.
- R029XY172NV–NORTH SLOPE 12-14
- R029XY186CA–Sandy Slope 10-12" p.z.
- R029XY189CA–South Sandy Slope 9-11" p.z.
- R029XY220UT–Semidesert Shallow Hardpan (Blackbrush)
- R029XY310UT–Upland Loam (Utah Serviceberry)
- R029XY320UT–Upland Shallow Loam (Singleleaf Pinyon-Utah Juniper)
- R029XY330UT–Upland Stony Loam (Shrub Liveoak)

### **Correlated Map Unit Components**

22576794, 22575639, 22575648, 22576143, 22576430, 22576895, 22576813, 22576438, 22576100, 22576453, 22576837, 22575670, 22575688, 22575689, 22575695, 22641572, 22648379, 23483863, 23483281, 23483943, 23483944, 23483949, 22595789, 22595790, 23029521, 23030881, 23030595, 23029514, 23029512, 23029508, 23030372, 23030571, 23029939, 23030738, 23029924, 23030348, 23029585, 23030720, 23029627, 23030332, 23434587, 23434602, 23434643, 23434661, 23434663, 23434686, 23434690, 23434718, 23434726, 23434729, 23434739, 23434757, 23434763, 23434768, 23434771, 23434790, 23434820, 23434851, 23434859, 23434861, 23434869, 23434953, 23434968, 23435063, 23435066, 23435067, 23435108, 23435122, 23435123, 23435025, 23435028, 23435225, 23435221, 23435215, 23435216, 23435136, 23435140, 23435139, 23435204, 23435147, 23435148, 23435145, 23435198, 23435199, 23435192, 23435196, 23435210, 23435162, 23435164, 22663184, 22663495, 22663494, 22663053, 22663222, 22663224, 22663096, 22663397, 22663238, 22663265, 22663266, 22663615, 22663616, 22663595, 22663598, 23151516, 23151438, 23151433, 23151297, 23151366, 23151231, 23151491, 23151198, 23151379, 23152834, 23152941, 23152889, 23153178, 23152955, 23153067, 23152983, 23153128, 23153022, 23153101, 23152904, 23157808, 23157809, 23157864, 23157866, 23157638, 23157923, 23157967, 23157970, 23158050, 23157350, 23157352, 23157355, 23157649, 23157647, 23158043, 23158041, 23157571, 23157738, 23157410, 23157436, 23157438, 23157812, 23157455, 23157456, 23157640, 23157833, 23157830, 23157979, 23157575, 23157576, 23157615, 23157617, 23157616, 23157964, 23157960, 23157937,

23157935, 23157891, 23157893, 23157880, 23158106, 23158056, 23158054, 23157800, 23157819, 23157822, 23237926, 23237925, 23237563, 23237567, 23237574, 23237584, 23237592, 23237593, 23237595, 23237596, 23238088, 23238091, 23238161, 23237955, 23237765, 23237769, 23238204, 23237776, 23237783, 23238115, 23237797, 23237801, 23237809, 23238099, 23237826, 23237829, 23237834, 23237833, 23238072, 23238070, 23238055, 23238060, 23238056, 23238065, 23238063, 23237848, 23237853, 23237861, 23237865, 23237869, 23237945, 23238007, 23238003, 23237891, 23237968, 23237972, 23237903, 23237913, 23237914, 23237912, 23237986, 23238217, 23237922, 23238114, 23238209, 23237393, 23237981, 23237386, 23237383, 23237977, 23237978, 23258384, 23257904, 23257490, 23258493, 23257772, 23257773, 23257780, 23257684, 23257783, 23257695, 23258535, 23258158, 23258831, 23258425, 22815356, 22815373, 22815362, 22815350, 22815161, 22815924, 23155829, 23155873, 23155894, 22816760, 22816766, 22816770, 22816771, 22816904, 22816268, 22816926, 22816941, 22816322, 22816529, 22816534, 22817082, 22817105, 22817115, 22817122, 22817128, 22816497, 22817159, 22817189, 22817190, 22816516, 22816521, 22816583, 22821737, 22821744, 22822171, 22822166, 22822089, 22822086, 22822441, 22822449, 22822456, 22822457, 22822463, 22821866, 22822487, 22822519, 22822035, 22821768, 22822728, 22822742, 22822745, 22822752, 22822759, 22822764, 22822783, 22822788, 22822033, 22825177, 22825702, 22825703, 22825372, 22825886, 22825891, 22576615, 22576175, 22575590, 22575599, 22575615, 22576772, 22576394, 22576783, 22576050, 22576796, 22825892, 22824760, 22824761, 22825053, 22825055, 22825613, 22825060, 22825207, 22825071, 22825161, 22825089, 22825097, 22825464, 22825233, 22825229, 22825596, 22825216, 22825606, 22825151, 22825601, 22825585, 22825573, 22825143, 22825144, 22826286, 22826376, 22826474, 22826615, 22826011, 22826631, 22826637, 22827502, 22827329, 22827953, 22827860, 22827873, 22827872, 22827879, 22827900, 22827898, 22827913, 22828005, 22828014, 22828017, 22828023, 22828024, 22828029, 22828035, 22828036, 22828038, 22828054, 22828171, 22828170, 22828173, 22827668, 22828358, 22828402, 22828438, 22827710, 22827711, 22827704, 22827705, 22828472, 22828475, 22828478, 22828479, 22828486, 22828489, 22828491, 22828494, 22828502, 22828500, 22828515, 22828516, 22828520, 22828527, 22828530, 22828534, 22827282, 22828540, 22828541, 22828546, 22828548, 22828547, 22828552, 22827685, 22828560, 22828558, 22828568, 22828569, 22828574, 22828575, 22828571, 22828578, 22828576, 22828577, 22828584, 22828602, 22827716, 22827715, 22827682, 22827681, 22827677, 22827678, 22828606, 22828609, 22827752, 22827746, 22828623, 22828666, 22828663, 22828669, 22827630, 22827631, 22828681, 22828686, 22828691, 22828693, 22828692, 22827298, 22828697, 22828704, 22828709, 22828716, 22828723, 22828738, 22828819, 22827700, 22828837, 22828890, 22828894, 22828903, 22828906, 22828899, 22828916, 22828921, 22828930, 22828932, 22828938, 22827516, 22828951, 22828949, 22828958, 22828959, 22828956, 22828962, 22828971, 22828969, 23153304, 22593587, 22600939, 22601577, 22601157, 22601187, 22601188, 22601404, 22601409, 22601422, 22601434, 22601432, 22601635, 22601021, 22601023, 22601642, 22601640, 22601645, 22601643, 22728068, 22728136, 22728212

## Stage

Provisional

## Contributors

Curtis Talbot

Travis Nauman

## State and transition model

## Citations