

Ecological site group 058AESG05

Finer Uplands

Last updated: 01/07/2025
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Key Characteristics

- Uplands
- <75% bedrock outcrop
- 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 and <30% subsurface
- Clay <30% surface and <35% subsurface
- Sand <75% or texture is sandy loam or finer in surface & subsurface
- Clay >20% or texture is finer than sandy loam in surface

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 soil geomorphic unit is located on hills, alluvial fans, sedimentary plains, and stream terraces.

Vegetation dynamics

The modal ecological site for this soil geomorphic unit is R058AY001MT Loamy (Lo) 10-14 P.Z.I

Major Land Resource Area

MLRA 058A
Northern Rolling High Plains, Northern Part

Subclasses

- R058AC040MT–Silty (Si) RRU 58A-C 11-14" p.z.
- R058AC041MT–Clayey (Cy) RRU 58A-C 11-14" p.z.
- R058AC042MT–Sandy (Sy) RRU 58A-C 11-14" p.z.
- R058AC043MT–Wet Meadow (WM) RRU 58A-C 11-14" p.z.
- R058AC044MT–Subirrigated (Sb) RRU 58A-C 11-14" p.z.
- R058AC045MT–Overflow (Ov) RRU 58A-C 11-14" p.z.
- R058AC049MT–Silty-Steep (SiStp) RRU 58A-C 11-14" p.z.
- R058AC050MT–Saline Upland (SU) RRU 58A-C 11-14" p.z.
- R058AE002MT–Clayey (Cy) RRU 58A-E 10-14" p.z.
- R058AE003MT–Sandy (Sy) RRU 58A-E 10-14" p.z.
- R058AE004MT–Silty-Steep (SiStp) RRU 58A-E 10-14" p.z.
- R058AE005MT–Clayey-Steep (CyStp) RRU 58A-E 10-14" p.z.
- R058AE007MT–Overflow (Ov) RRU 58A-E 10-14" p.z.

- R058AE008MT–Subirrigated (Sb) RRU 58A-E 10-14" p.z.
- R058AE011MT–Saline Upland (SU) RRU 58A-E 10-14" p.z.
- R058AE012MT–Saline Lowland (SL) RRU 58A-E 10-14" p.z.
- R058AE013MT–Claypan (Cp) RRU 58A-E 10-14" p.z.
- R058AE199MT–Shallow Clay (SwC) RRU 58A-E 10-14" p.z.
- R058AY001MT–Loamy (Lo) 10-14 P.Z.
- R058AY717MT–Shallow 10-14
- R058AY727MT–Loamy 15-19
- R058AY728MT–Loamy Steep 15-19
- R058AY730MT–Ponderosa Pine 15-19
- R058AY736MT–Riparian Woodland 10-19

Correlated Map Unit Components

25367024, 25367030, 25367038, 25367128, 25367132, 25367148, 25367162, 25367328, 25367343, 25367358, 25367363, 25367371, 25366600, 25366633, 25366636, 25366638, 25366655, 25366754, 25366839, 25056587, 25056737, 25056740, 25056743, 25056597, 25056606, 25097027, 25097035, 25080990, 25079529, 25081536, 25081201, 25081211, 25081206, 25081546, 25080490, 25079550, 25080495, 25079566, 25079428, 25081068, 25079628, 25080623, 25081215, 25081226, 25081232, 25081237, 25081006, 25081010, 25081014, 25080641, 25081136, 25081138, 25081167, 25081169, 25081173, 25081175, 25081179, 25081180, 25074977, 25081049, 25074983, 25074989, 25074992, 25079645, 25081104, 25081100, 25079650, 25075103, 25075112, 25079720, 25080454, 25080515, 25080611, 25081252, 25080510, 25080673, 25081222, 25081264, 25081268, 25081488, 26194218, 26193894, 26194865, 26194531, 26193903, 26193908, 26195649, 26195656, 26195659, 26194252, 26194268, 26194271, 26193926, 26194555, 26194907, 26194914, 26194916, 26194157, 26193932, 26194275, 26194281, 26194283, 26193940, 26194565, 26194933, 26193947, 26194577, 26193958, 26194944, 26194953, 26194605, 26193983, 26194615, 26194620, 26193995, 26194324, 26194346, 26194347, 26194351, 26195003, 26195009, 26195013, 26195016, 26194651, 26194211, 26194373, 26194377, 26194050, 26195045, 26195049, 26195053, 26194113, 26194728, 26194733, 26194123, 26195119, 26194127, 26194739, 26194130, 26194768, 26194458, 26194461, 26194463, 26195544, 26195133, 26195131, 26194779, 26195296, 26194790, 26195546, 26195553, 26195551, 26195158, 26195182, 26195185, 26195343, 26195357, 26195192, 26195477, 26195194, 26195197, 26195590, 26195591, 26195592, 26195609, 26195488, 26195489, 26195369, 26195368, 26195377, 26195385, 26195213, 26195222, 26195500, 26195616, 26195619, 26195623, 26195627, 26195631, 26195633, 26195228, 26195226, 26195513, 26195515, 26195234, 26195393, 26195401, 26195405, 26195403, 26195408, 26195235, 26195237, 26195246, 26195245, 26194163, 26194161, 26194165, 26194172, 26194178, 26194471, 26193837, 26194473, 26194795, 26194797, 26194814, 26194481, 26194484, 26194185, 26193857, 26194487, 26193859, 26194826, 26194835, 26194837, 26194854, 25122475, 25122553, 25122551, 25122636, 25124266, 25124273, 25124280, 25124281, 25124448, 25124444, 25124500, 25124502, 25124432, 25124422, 25124423, 25124336, 25124337, 25124384, 25124388, 25124389, 25124481, 25124313, 25124417, 25123927, 25123964, 25123968, 25123972, 25123990, 25123991, 25123998, 25124002, 25124007, 25124024, 25124027, 25124075, 25124101, 25124128, 25124131, 26192145, 26192699, 26191873, 26192449, 26192714, 26192966, 26191884, 26192187, 26192454, 26192930, 26192206, 26192759, 26192765, 26192212, 26191910, 26191914, 26192227, 26192777, 26192779, 26192233, 26192782, 26191930, 26191929, 26191933, 26192398, 26192917, 26191938, 26191956, 26191964, 26192281, 26192579, 26192348, 26192018, 26192021, 26192023, 26192029, 26192884, 26192356, 26192911, 26192990, 26192626, 26192037, 26192044, 26192051, 26192367, 26192381, 26192898, 26192605, 26192613, 26192616, 26192985, 26193633, 26193231, 26193706, 26193198, 26193711, 26193716, 26193620, 26193426, 26193428, 26193141, 26193103, 26193378, 26193375, 26193167, 26193165, 26193745, 26193177, 26193581, 26193414, 26193584, 26193065, 26193479, 26193258, 26193268, 26193183, 26193819, 26193824, 26193814, 26193629, 26193609, 25144246, 25144327, 25145036, 25145009, 25144345, 25145014, 25144411, 25144194, 25144424, 25144494, 25144506, 25144522, 25144048, 25144533, 25144083, 25144553, 25145150, 25144112, 25144559, 25144588, 25144660, 25145124, 25145148, 25144168, 25144175, 25144527, 25144525, 25144676, 26196564, 26196260, 26196568, 26195740, 26117743, 26117713, 26117718, 26117719, 26117541, 26117983, 26117634, 26117620, 26117941, 26117858, 26118556, 26118554, 26118569, 26118568, 26118405, 26117418, 26118288, 26117963, 26118258, 26117976, 26129812, 26130061, 26129883, 26129884, 26129716, 26129717, 26129999, 26129902, 26129903, 26130027, 24930229, 25361316, 25361469, 25361555, 25361559, 25361564, 25361578, 25361584, 25361587, 25361602, 25361607, 25361603, 25361695, 25361698, 25361707, 25361712, 25361718, 25361721, 25361729, 25361736, 25361739, 25361822, 25361837, 25361839, 25361893, 25361017, 25361022, 25361026, 25361045, 25361049, 25361050, 25361080, 25361087, 25361108, 25361124, 25361135, 25361220, 25361228, 25361237, 25361241, 25361242, 25361245, 25361250, 25361255,

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Stage

Provisional

Contributors

Curtis Talbot
Travis Nauman

State and transition model

Citations