

Ecological site group 052XESG05

Gypsum

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Key Characteristics

- Uplands
- <75% bedrock outcrop
- Surface SAR<8
- Gypsum >5% surface or >10% 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 soil geomorphic unit is located on moraines, hillslopes, and flats.

Climate

This soil geomorphic unit is characterized by the frigid temperature regime.

Vegetation dynamics

The modal ecological site for this soil geomorphic unit is R052XY740MT Loamy (Lo) Moist Grassland.

Major Land Resource Area

MLRA 052X
Brown Glaciated Plains

Subclasses

- FX052X01X001–Clayey (Cy) Dry Grassland
- FX052X01X006–Claypan (Cp) Dry Grassland
- FX052X01X029–Limy-Steep (Lystp) Dry Grassland
- FX052X01X030–Limy (Ly) Dry Grassland
- FX052X01X032–Loamy (Lo) Dry Grassland
- FX052X01X040–Loamy-Steep (Lostp) Dry Grassland
- FX052X01X131–Shallow Clay (Swc) Dry Grassland
- FX052X02X006–Claypan (Cp) Moist Grassland
- FX052X02X029–Limy-Steep (Lystp) Moist Grassland
- FX052X02X030–Limy (Ly) Moist Grassland
- FX052X02X032–Loamy (Lo) Moist Grassland
- FX052X02X040–Loamy-Steep (Lostp) Moist Grassland
- FX052X03X001–Clayey (Cy) Dry Shrubland
- FX052X03X006–Claypan (Cp) Dry Shrubland
- FX052X03X029–Limy-Steep (Lystp) Dry Shrubland
- FX052X03X030–Limy (Ly) Dry Shrubland
- FX052X03X032–Loamy (Lo) Dry Shrubland
- FX052X03X040–Loamy-Steep (Lostp) Dry Shrubland

- FX052X03X131–Shallow Clay (Swc) Dry Shrubland
- R052XC204MT–Claypan (Cp) 10-14" p.z.
- R052XC217MT–Silty (Si) 10-14" p.z.
- R052XC223MT–Silty-Steep (SiStp) 10-14" p.z.
- R052XN161MT–Silty (Si) 10-14" p.z.
- R052XN164MT–Clayey-Steep (CyStp) 10-14" p.z.
- R052XN168MT–Silty-Steep (SiStp) 10-14" p.z.
- R052XN179MT–Shallow Clay (SwC) 10-14" p.z.

Correlated Map Unit Components

24951183, 24951188, 24951167, 24951150, 24951268, 24951269, 24951230, 24951278, 24951191, 24951197, 24951176, 24951181, 24951334, 24951217, 24951156, 24951155, 24951125, 24951126, 24951122, 24951124, 24951210, 24951140, 24951141, 24951132, 24951133, 24951327, 24951326, 24951165, 24951164, 24951234, 24951240, 24951241, 24951247, 24951321, 24951320, 24951319, 24951309, 24951274, 24951276, 24951250, 24951253, 24951257, 24951260, 24951387, 24951394, 24951299, 24951300, 24951293, 24951287, 24958687, 24958744, 24958750, 24958756, 24958777, 24958778, 24958826, 24958822, 24958828, 24958739, 24958702, 24958706, 24958790, 24958793, 24958694, 24958699, 24958804, 24958726, 24958878, 24958813, 24958814, 24958656, 24958719, 24958665, 24958666, 24958672, 24958673, 24958664, 24958663, 24958685, 24958684, 24958834, 24958840, 24958798, 24958801, 24958800, 24958851, 24958850, 24958849, 24958888, 24958889, 24958783, 24958785, 24958759, 24958762, 24958766, 24958769, 25047111, 25047115, 25047099, 25047082, 25047086, 25047091, 25047219, 25047215, 25047225, 25047144, 25047187, 25047203, 25047196, 25047197, 25047231, 25047234, 25047103, 25047108, 25047318, 25047335, 25047333, 25047135, 25047296, 25047295, 25047268, 25047269, 25047278, 25047283, 25047209, 25047212, 25047309, 25047311, 25047128, 25047253, 25047254, 25047260, 25047261, 25047305, 25047304, 25047317, 25047316, 25047244, 25047250, 25047159, 25047162, 25047392, 25047393, 25047166, 25047169, 25047288, 25047291, 25047290, 25047183, 25047185, 25047150, 25047156, 25047177, 25047178, 25047328, 25047327, 25047237, 25047238, 25027073, 25027056, 25027102, 25027060, 25027061, 25027071, 25027070, 25027156, 25027162, 25027129, 25027125, 25027131, 25027143, 25027137, 25048812, 25048811, 25048810, 25048817, 25048820, 25048819, 25048436, 25048435, 25048424, 25048430, 25048098, 25048096, 25048095, 25048081, 25048086, 25048071, 25048077, 25048134, 25064832, 25064895, 25065029, 25064899, 25064905, 25064906, 25064912, 25064957, 25064819, 25064810, 25064814, 25064929, 25064801, 25064807, 25064828, 25064822, 25064859, 25064848, 25064922, 25064865, 25064864, 25064936, 25064937, 25064783, 25064798, 25064797, 25064792, 25064791, 25064886, 25064877, 25064878, 25064869, 25064870, 25064947, 25064992, 25064991, 25064990, 25064979, 25064982, 25065009, 25065012, 25065005, 25065006, 25064997, 25064999, 25065025, 25065024, 25065065, 25096207, 25096160, 25096155, 25096153, 25096131, 25096146, 25096145, 25097733, 25097812, 25097898, 25097716, 25097789, 25098042, 25098043, 25098073, 25098075, 25097962, 25097756, 25097760, 25097771, 25097776, 25097787, 25098118, 25097801, 25097934, 25097818, 25097817, 25097994, 25098145, 25097777, 25097778, 25097742, 25097744, 25097941, 25097747, 25097753, 25097889, 25097890, 25097881, 25097882, 25097952, 25097731, 25097730, 25097725, 25097724, 25097911, 25097917, 25097918, 25097924, 25098005, 25098011, 25097907, 25098056, 25098059, 25098058, 25098029, 25098028, 25098027, 25097996, 25098034, 25098036, 25098016, 25098019, 25098046, 25098049, 25098063, 25098062, 25098079, 25098080, 25097767, 25097761, 25123050, 25123071, 25122958, 25123109, 25123016, 2512302

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State and transition model

Citations