

Ecological site group 046XESG04

Deep Rocky

Last updated: 10/02/2023
Accessed: 05/10/2025

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 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 alluvial fans, terraces, and mountain slopes.

Vegetation dynamics

The modal ecological site for this ESG is R046XC508MT Silty (Si) RRU 46-C 13-19 PZ.

Major Land Resource Area

MLRA 046X

Northern and Central Rocky Mountain Foothills

Subclasses

- F046XP909MT–Upland Cold Woodland Group
- F046XP910MT–Upland Cool Woodland Group
- F046XP911MT–Upland Warm Woodland Group
- R046XC504MT–Overflow (Ov) RRU 46-C 13-19 PZ
- R046XC507MT–Shallow to Gravel (SwGr) RRU 46-C 13-19 PZ
- R046XC508MT–Silty (Si) RRU 46-C 13-19 PZ
- R046XC510MT–Limy (Ly) RRU 46-C 13-19 PZ
- R046XC514MT–Gravelly (Gr) RRU 46-C 13-19 PZ
- R046XC516MT–Silty Steep (SiStp) RRU 46-C 13-19 PZ
- R046XC519MT–Limy Droughty (LyDr) RRU 46-C 13-19 PZ
- R046XC599MT–Thin Breaks (TB) RRU 46-C 13-19 PZ
- R046XH122WY–Loamy Wyoming Front
- R046XH124WY–Loamy Argillic Wyoming Front
- R046XN247MT–Clayey (Cy) RRU 46-N 13-19 PZ
- R046XN248MT–Overflow (Ov) RRU 46-N 13-19 PZ
- R046XN252MT–Silty (Si) RRU 46-N 13-19 PZ
- R046XN254MT–Limy (Ly) RRU 46-N 13-17 PZ

- R046XN255MT–Stony (St) RRU 46-N 13-19 PZ
- R046XN256MT–Subirrigated (Sb) RRU 46-N 13-19 PZ
- R046XN262MT–Wet Meadow (WM) RRU 46-N 15-19 PZ
- R046XN594MT–Silty Steep (SiStp) RRU 46-N 13-19 PZ
- R046XN601MT–Gravelly (Gr) RRU 46-N 13-19 PZ
- R046XP801MT–Bottomland Group
- R046XS104MT–Silty (Si) RRU 46-S 13-19 PZ
- R046XS105MT–Clayey (Cy) RRU 46-S 13-19 PZ
- R046XS106MT–Sandy (Sy) RRU 46-S 15-19 PZ
- R046XS108MT–Subirrigated (Sb) RRU 46-S 15-19 PZ
- R046XS113MT–Shallow to Gravel (SwGr) RRU 46-S 13-19 PZ
- R046XS142MT–Stony (St) RRU 46-S 13-19 PZ
- R046XS144MT–Limy (Ly) RRU 46-S 13-19 PZ

Correlated Map Unit Components

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Stage

Provisional

Contributors

Curtis Talbot

Travis Nauman

State and transition model

Citations