# Ecological site group 046XESG04
# Deep Rocky

Last updated: 10/02/2023
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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 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