

# Ecological site group 078CESG02

## Clay Uplands

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### Key Characteristics

- Uplands
- <75% bedrock outcrop
- Surface SAR <8
- Gypsum <5% surface 0r <10% subsurface
- Subsurface EC <8 or surface EC <4
- EC <1.5 surface and <2 subsurface
- Depth >55cm
- Rock <30% surface and <30% subsurface
- Clay >30% surface or >35% 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 paleoterraces and hillslopes on hills.

### Climate

This ESG is characterized by the thermic temperature regime and the ustic moisture regime.

### Vegetation dynamics

The modal ecological site for this ESG is R078CY096TX Clay Loam 23-30" PZ.

### Major Land Resource Area

MLRA 078C  
Central Rolling Red Plains, Eastern Part

### Subclasses

- R078CY056OK–Loamy Upland
- R078CY065OK–Red Clay (North)
- R078CY067OK–Red Shale
- R078CY095TX–Clay Flat 23-30" PZ
- R078CY096TX–Clay Loam 23-30" PZ
- R078CY097TX–Claypan 23-30" PZ
- R078CY103TX–Loamy Bottomland 23-31" PZ
- R078CY105TX–Loamy Sand 23-31" PZ
- R078CY110TX–Sandy Loam 23-31" PZ
- R078CY112TX–Red Clay (South) 23-30" PZ

### Correlated Map Unit Components

24776036, 24776038, 24776191, 24776202, 24776208, 24780840, 24780912, 24780913, 24779054, 24779144, 24779145, 24778891, 24778903, 24778909, 24776476, 24776487, 24776493, 24307189, 24307010, 24307016, 24307145, 24307193, 24307205, 24307168, 24432891, 24433052, 24432950, 24432953, 24310370, 24310413, 24310374, 24310440, 24310569, 24462477, 24462490, 24462498, 24462543, 24462577, 24462552, 24465005, 24465194, 24533810, 24475382, 24475506, 24475509, 24475482, 24475441, 24475207, 24475455, 24475397, 24475431, 24475434, 24475964, 24476042, 24476045, 24475766, 24475871, 24476873, 24477015, 24477016, 24476976, 24476771, 24476774, 24476781, 24476824, 24478048, 24478113, 24478089, 24477895, 24478103, 24478065, 24478075, 24478077, 24479763, 24479552, 24479551, 24479554, 24479553, 24479744, 24479748, 24479580, 24479584, 24479601, 24479666, 24479755, 24479632, 24479634, 24479636, 24479640, 24479642, 24479648, 24479673, 24479654, 24479655, 24487417, 24487365, 24487249, 24487186, 24487191, 24487208, 24487374, 24487166, 24487252, 24487350, 24487354, 24487413, 24506065, 24506043, 24506070, 24506074, 24506269, 24506200, 24506203, 24506044, 24506045, 24506115, 24506132, 24506216, 24506247, 24566234, 24566340, 24566119, 24566122, 24566126, 24566158, 24597939, 24597823, 24597830, 24598038, 24597847, 24597974, 24598127, 24597894, 24597899, 24598081, 24597977, 24598084, 24091674, 24091498, 24091454, 24091502, 24091392, 24091393, 24091692, 24091677, 24091766, 24091505, 24091600, 24091582, 24091485, 24092482, 24092486, 24092691, 24093189, 24093281, 24092857, 24092496, 24092498, 24092743, 24092844, 24092849, 24093048, 24093311, 24093300, 24092994, 24092503, 24092507, 24092673, 24092550, 24110876, 24110719, 24110724, 24110755, 24110762, 24110309, 24110764, 24110223, 24110228, 24110139, 24110306, 24110860, 24110785, 24110788, 24110334, 24110333, 24110467, 24110377, 24110378, 24116059, 24116374, 24116115, 24116117, 24116186, 24116188, 24116065, 24116391, 24116381, 24116529, 24116304, 24116414, 24116206, 24115785, 24116659, 24117152, 24116880, 24117156, 24117119, 24117117, 24116911, 24117038, 24116635, 24117181, 24117186, 24116744, 24117358, 24116663, 24116987, 24117042, 24116917, 24117124, 24117162, 24117166, 24117169, 24116937, 24117058, 24116918, 24116776, 24116777, 24116670, 24116640, 24116641, 24116642, 24129572, 24130055, 24129962, 24129956, 24129958, 24129799, 24129536, 24129580, 24129816, 24129686, 24129852, 24130065, 24129522, 24129525, 24129802, 24129583, 24129661, 24129820, 24129897, 24130046, 24131106, 24131169, 24131161, 24130792, 24133133, 24133135, 24132813, 24133209, 24133146, 24132828, 24132826, 24133149, 24132902, 24132907, 24133090, 24133214, 24133212, 24133154, 24133158, 24132914, 24133124, 24133125, 24133126, 24133103, 24242252, 24242086, 24242287, 24242153, 24242156, 24245731, 24245736, 24246160, 24245767, 24245770, 24245771, 24245994, 24246131, 24246002, 24246184, 24246004, 24245823, 24245828, 24245839, 24246035, 24246138, 24245706, 24245714, 24245777, 24246175, 24246141, 24246005, 24246144, 24246008, 24245779, 24245780, 24245846, 24245857, 24246154, 24246038, 24245682, 24263269, 24263105, 24262860, 24263670, 24263229, 24263554, 24263281, 24263282, 24263283, 24263588, 24263689, 24263142, 24262921, 24262820, 24263077, 24262825, 24263082, 24263007, 24263014, 24262987, 24263665, 24263673, 24263515, 24263409, 24263585, 24263686, 24263692, 24262917, 24262905, 24263127, 24262816, 24264720, 24265127, 24264910, 24264610, 24264727, 24264905

## Stage

Provisional

## Contributors

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## State and transition model

## Citations