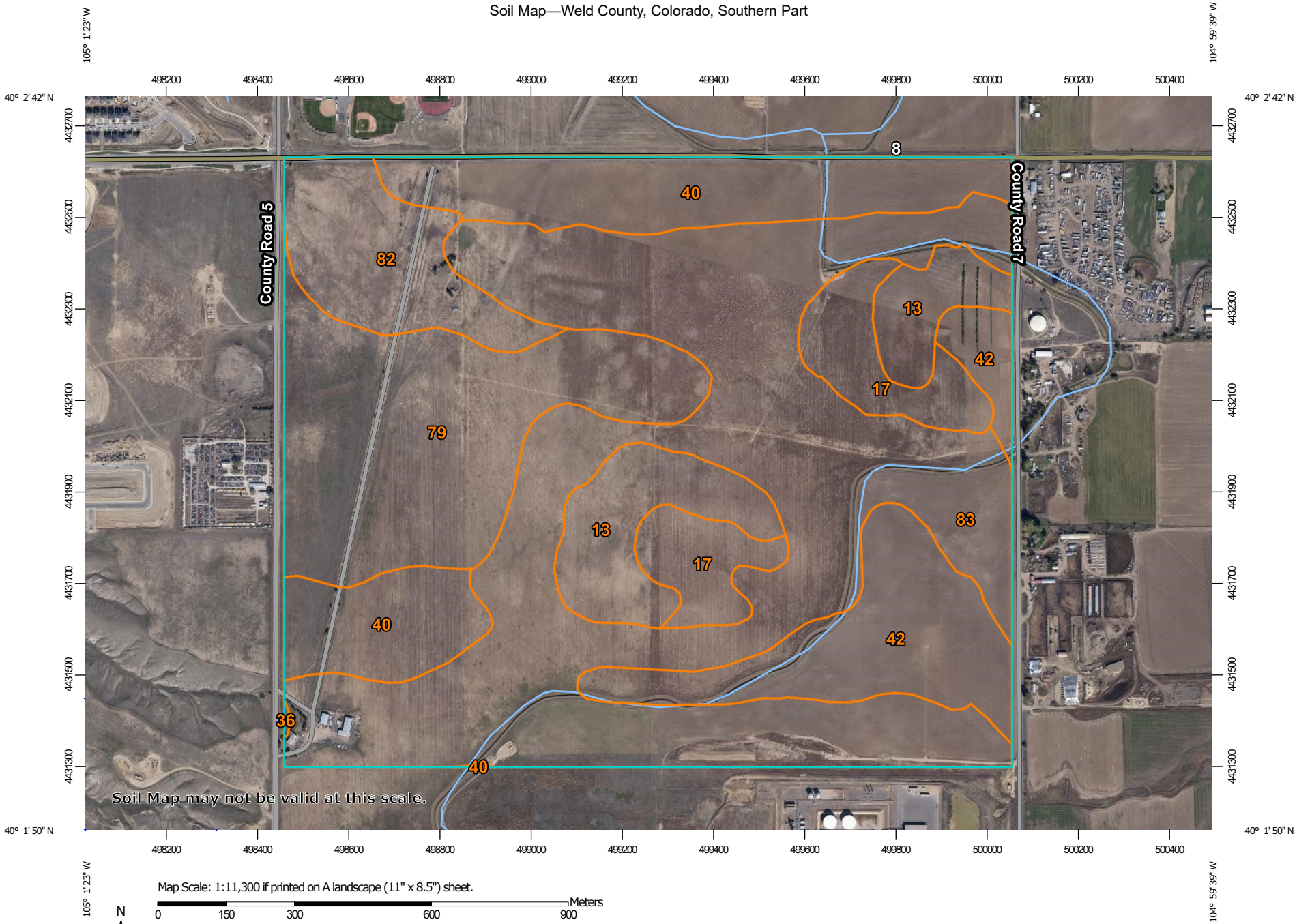
Soil Map—Weld County, Colorado, Southern Part



Map Scale: 1:11,300 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 150 300 600 900

Feet
0 500 1000 2000 3000

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Weld County, Colorado, Southern Part
Survey Area Data: Version 20, Aug 31, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 1, 2018—Oct 31, 2018

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
13	Cascajo gravelly sandy loam, 5 to 20 percent slopes	38.0	7.2%
17	Colby loam, 5 to 9 percent slopes	30.9	5.9%
36	Midway-Shingle complex, 5 to 20 percent slopes	0.2	0.0%
40	Nunn loam, 1 to 3 percent slopes	68.7	13.0%
42	Nunn clay loam, 1 to 3 percent slopes	51.5	9.8%
79	Weld loam, 1 to 3 percent slopes	84.8	16.1%
82	Wiley-Colby complex, 1 to 3 percent slopes	33.2	6.3%
83	Wiley-Colby complex, 3 to 5 percent slopes	220.6	41.8%
Totals for Area of Interest		**528.0**	**100.0%**

RUSLE2 Related Attributes

This report summarizes those soil attributes used by the Revised Universal Soil Loss Equation Version 2 (RUSLE2) for the map units in the selected area. The report includes the map unit symbol, the component name, and the percent of the component in the map unit. Soil property data for each map unit component include the hydrologic soil group, erosion factor Kf for the surface horizon, erosion factor T, and the representative percentage of sand, silt, and clay in the mineral surface horizon. Missing surface data may indicate the presence of an organic layer.

Report—RUSLE2 Related Attributes

Soil properties and interpretations for erosion runoff calculations. The surface mineral horizon properties are displayed or the first mineral horizon below an organic surface horizon. Organic horizons are not displayed.

RUSLE2 Related Attributes–Weld County, Colorado, Southern Part

Map symbol and soil name	Pct. of map unit	Slope length (ft)	Hydrologic group	Kf	T factor	Representative value		
						% Sand	% Silt	% Clay
13—Cascajo gravelly sandy loam, 5 to 20 percent slopes								
Cascajo	85	—	A	.15	3	65.9	19.1	15.0
17—Colby loam, 5 to 9 percent slopes								
Colby	90	—	B	.43	5	36.9	42.1	21.0
36—Midway-Shingle complex, 5 to 20 percent slopes								
Midway	50	—	D	.20	2	22.1	27.9	50.0
Shingle	35	—	D	.37	2	43.2	38.8	18.0
40—Nunn loam, 1 to 3 percent slopes								
Nunn	85	298	C	.43	5	43.0	38.0	19.0
42—Nunn clay loam, 1 to 3 percent slopes								
Nunn	85	200	C	.28	5	43.0	26.0	31.0
79—Weld loam, 1 to 3 percent slopes								
Weld	80	200	C	.43	5	39.8	37.7	22.5
82—Wiley-Colby complex, 1 to 3 percent slopes								
Wiley	60	—	B	.43	5	11.3	67.7	21.0
Colby	30	—	B	.43	5	36.9	42.1	21.0

RUSLE2 Related Attributes–Weld County, Colorado, Southern Part								
Map symbol and soil name	Pct. of map unit	Slope length (ft)	Hydrologic group	Kf	T factor	Representative value		
						% Sand	% Silt	% Clay
83—Wiley-Colby complex, 3 to 5 percent slopes								
Wiley	55	—	B	.43	5	11.3	67.7	21.0
Colby	30	—	B	.43	5	36.9	42.1	21.0

Data Source Information

Soil Survey Area: Weld County, Colorado, Southern Part
Survey Area Data: Version 20, Aug 31, 2021