

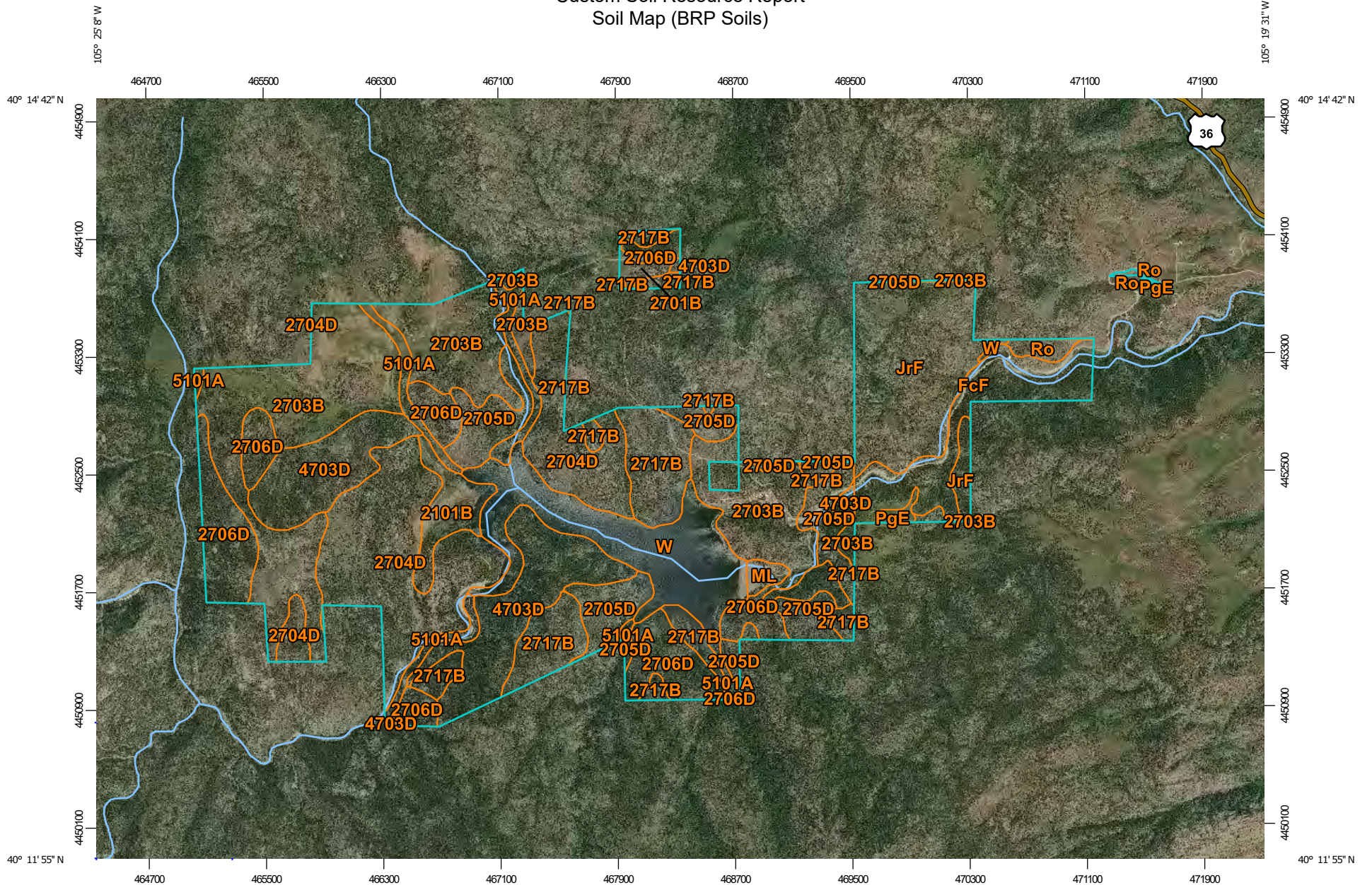


APPENDIX D

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map (BRP Soils)



Map Scale: 1:36,400 if printed on A landscape (11" x 8.5") sheet.

0 500 1000 2000 3000 Meters

0 1500 3000 6000 9000 Feet

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 scales ranging from 1:20,000 to 1:24,000.

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: Arapaho-Roosevelt National Forest Area, Colorado, Parts of Boulder, Clear Creek, Gilpin, Grand, Park and Larimer Counties
 Survey Area Data: Version 9, Sep 2, 2021

Soil Survey Area: Boulder County Area, Colorado
 Survey Area Data: Version 18, Sep 2, 2021

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

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

Date(s) aerial images were photographed: Sep 20, 2015—Oct 21, 2017

MAP LEGEND

MAP INFORMATION

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 (BRP Soils)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
2101B	Pachic Argiustolls, 5 to 25 percent slopes	53.6	2.0%
2701B	Typic Argiustolls, 5 to 25 percent slopes	12.6	0.5%
2703B	Cypher-Ratake families complex, 5 to 40 percent slopes	555.5	20.8%
2704D	Typic Haplustolls-Cathedral family-Rock outcrop complex, 40 to 150 percent slopes	399.9	15.0%
2705D	Ratake-Cathedral families-Rock outcrop complex, 40 to 150 percent slopes	199.0	7.4%
2706D	Cypher family-Rock outcrop complex, 40 to 150 percent slopes	254.4	9.5%
2717B	Cypher-Wetmore-Ratake families complex, 5 to 40 percent slopes	205.9	7.7%
4703D	Bullwark-Catamount families-Rock outcrop complex, 40 to 150 percent slopes	276.4	10.3%
5101A	Pachic Argiustolls-Aquic Argiudolls complex, 0 to 15 percent slopes	72.5	2.7%
ML	Dams and Mine dumps, 5 to 75 percent slopes	12.1	0.5%
W	Water	217.2	8.1%
Subtotals for Soil Survey Area		2,259.2	84.5%
Totals for Area of Interest		2,672.1	100.0%

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
FcF	Fern Cliff-Allens Park-Rock outcrop complex, 15 to 60 percent slopes	135.1	5.1%
JrF	Juget-Rock outcrop complex, 9 to 55 percent slopes	253.0	9.5%
PgE	Peyton-Juget very gravelly loamy sands, 5 to 20 percent slopes	7.0	0.3%
Ro	Rock outcrop	15.8	0.6%
W	Water	2.1	0.1%
Subtotals for Soil Survey Area		412.9	15.5%
Totals for Area of Interest		2,672.1	100.0%