

Soil Map—Malheur County, Oregon, Northeastern Part
(BRH-2026-017)

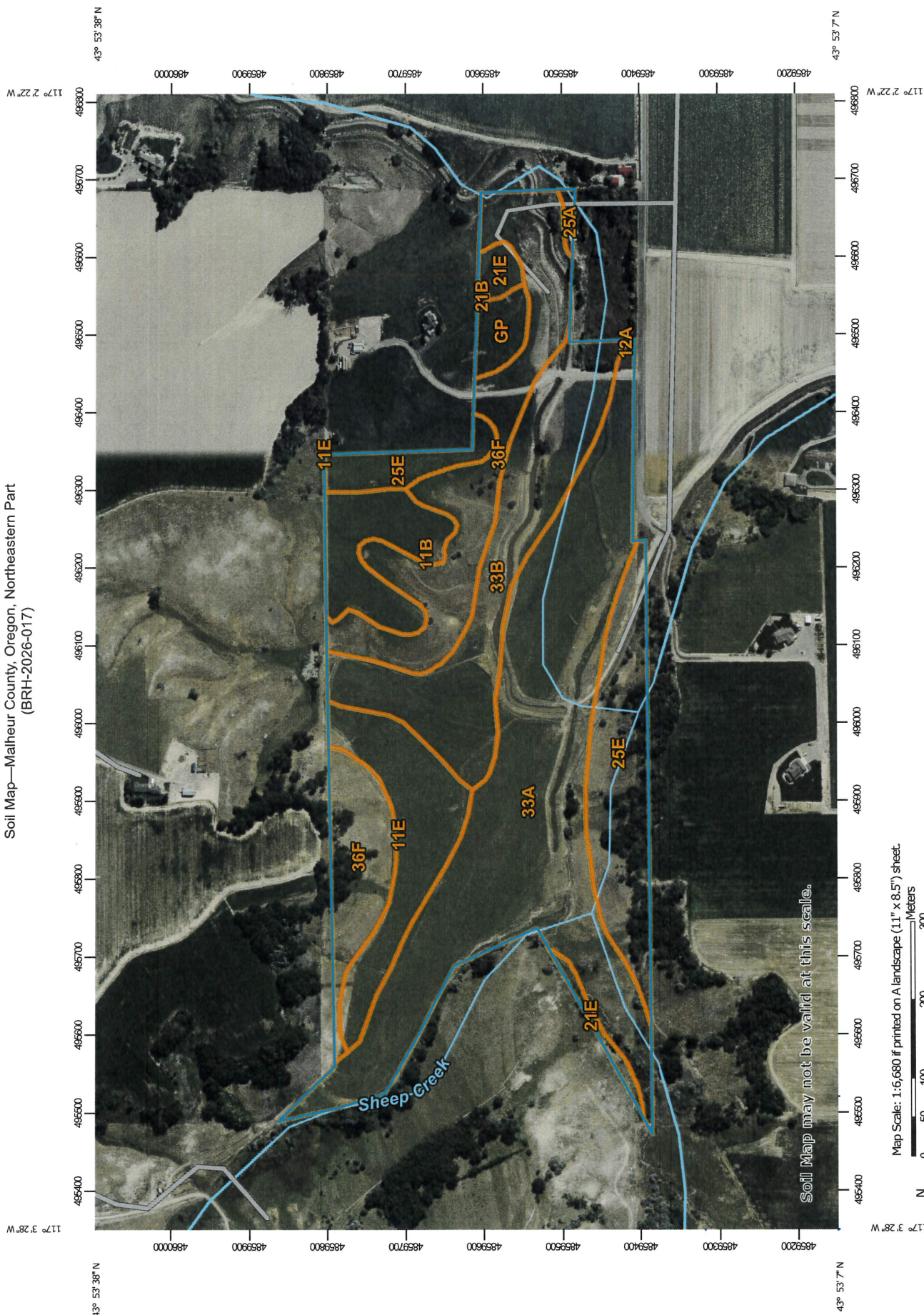


EXHIBIT #

9

117° 2' 57" W

A vertical scale bar labeled "Meters" with markings at 0, 20, 40, 80, and 120.

MAP LEGEND

	Area of Interest (AOI)		Spoil Area
	Area of Interest (AOI)		Stony Spot
	Soils		Very Stony Spot
	Soil Map Unit Polygons		Wet Spot
	Soil Map Unit Lines		Other
	Soil Map Unit Points		Special Line Features
	Special Point Features		
	Blowout		Water Features
	Borrow Pit		Streams and Canals
	Clay Spot		Transportation
	Closed Depression		Rails
	Gravel Pit		Interstate Highways
	Gravelly Spot		US Routes
	Landfill		Major Roads
	Lava Flow		Local Roads
	Marsh or swamp		Background
	Mine or Quarry		Aerial Photography
	Miscellaneous Water		
	Perennial Water		
	Rock Outcrop		
	Saline Spot		
	Sandy Spot		
	Severely Eroded Spot		
	Sinkhole		
	Slide or Slip		
	Sodic Spot		

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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: Malheur County, Oregon, Northeastern Part
Survey Area Data: Version 21, Sep 10, 2025

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

Date(s) aerial images were photographed: May 9, 2020—Sep 14, 2023

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
11B	CLASS 6s	Frohman silt loam, 2 to 5 percent slopes	0.1	2.2%
33B	CLASS 2e (irrigated) CLASS 6c (non)	Turbyfill fine sandy loam, 2 to 5 percent slopes	2.0	39.0%
36F	CLASS 7s	Xeric Torriorthents, very steep	3.1	58.8%
Totals for Area of Interest			5.2	100.0%

MAP LEGEND

Area of Interest (AOI)	 Area of Interest (AOI)	 Spoil Area
Soils	 Soil Map Unit Polygons	 Stony Spot
	 Soil Map Unit Lines	 Very Stony Spot
	 Soil Map Unit Points	 Wet Spot
Special Point Features	 Blowout	 Other
	 Borrow Pit	 Special Line Features
	 Clay Spot	Water Features
	 Closed Depression	 Streams and Canals
	 Gravel Pit	Transportation
	 Gravelly Spot	 Rails
	 Landfill	 Interstate Highways
	 Lava Flow	 US Routes
	 Marsh or swamp	 Major Roads
	 Mine or Quarry	 Local Roads
	 Miscellaneous Water	Background
	 Perennial Water	 Aerial Photography
	 Rock Outcrop	
	 Saline Spot	
	 Sandy Spot	
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11B Class VI	Frohman silt loam, 2 to 5 percent slopes	4.9	5.6%
11E	Frohman silt loam, 12 to 20 percent slopes	7.4	8.5%
12A	Garbutt silt loam, 0 to 2 percent slopes	0.0	0.0%
21B	Nyssa silt loam, 2 to 5 percent slopes	0.1	0.1%
21E	Nyssa silt loam, 12 to 20 percent slopes	1.4	1.7%
25A	Owyhee silt loam, 0 to 2 percent slopes	0.3	0.3%
25E	Owyhee silt loam, 12 to 20 percent slopes	10.8	12.4%
33A	Turbyfill fine sandy loam, 0 to 2 percent slopes	30.5	35.1%
33B Class II (Irrigated) / Class VI	Turbyfill fine sandy loam, 2 to 5 percent slopes	13.2	15.1%
36F Class VII	Xeric Torriorthents, very steep	17.0	19.5%
GP	Gravel pits	1.5	1.7%
Totals for Area of Interest		87.1	100.0%