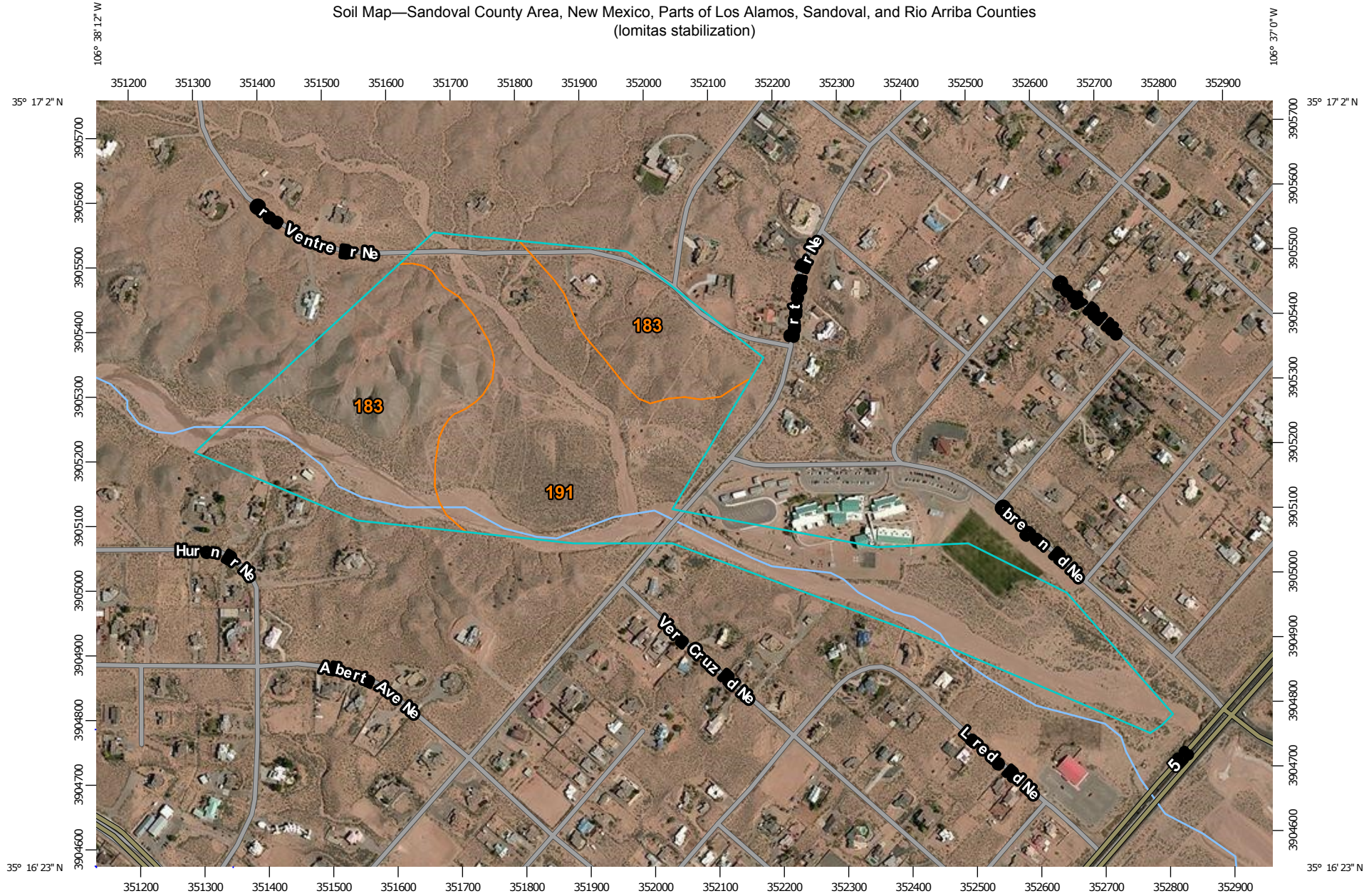
APPENDIX B

Supporting Documentation

Soil Map—Sandoval County Area, New Mexico, Parts of Los Alamos, Sandoval, and Rio Arriba Counties
(lomitas stabilization)



Map Scale: 1:8,360 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 100 200 400 600

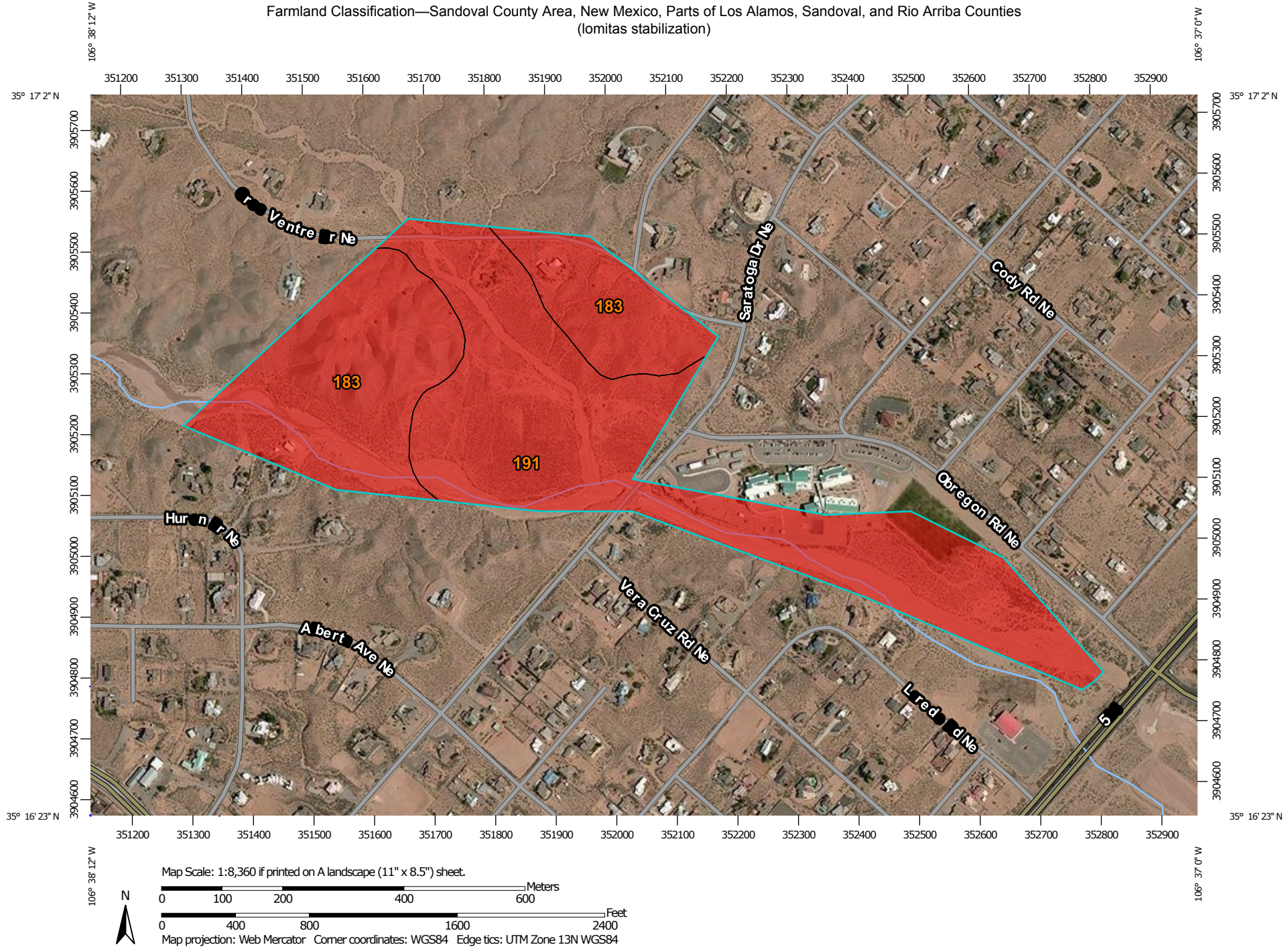
Feet
0 400 800 1600 2400

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

Map Unit Legend

Sandoval County Area, New Mexico, Parts of Los Alamos, Sandoval, and Rio Arriba Counties (NM656)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
183	Sheppard loamy fine sand, 8 to 15 percent slopes	37.5	40.9%
191	Sheppard loamy fine sand, 3 to 8 percent slopes	54.2	59.1%
Totals for Area of Interest		**91.7**	**100.0%**

Farmland Classification—Sandoval County Area, New Mexico, Parts of Los Alamos, Sandoval, and Rio Arriba Counties
(lomitas stabilization)



Map Scale: 1:8,360 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 100 200 400 600

Feet
0 400 800 1600 2400

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

Farmland Classification

Farmland Classification— Summary by Map Unit — Sandoval County Area, New Mexico, Parts of Los Alamos, Sandoval, and Rio Arriba Counties (NM656)				
Map unit symbol	**Map unit name**	**Rating**	**Acres in AOI**	**Percent of AOI**
183	Sheppard loamy fine sand, 8 to 15 percent slopes	Not prime farmland	37.5	40.9%
191	Sheppard loamy fine sand, 3 to 8 percent slopes	Not prime farmland	54.2	59.1%
Totals for Area of Interest			**91.7**	**100.0%**

Description

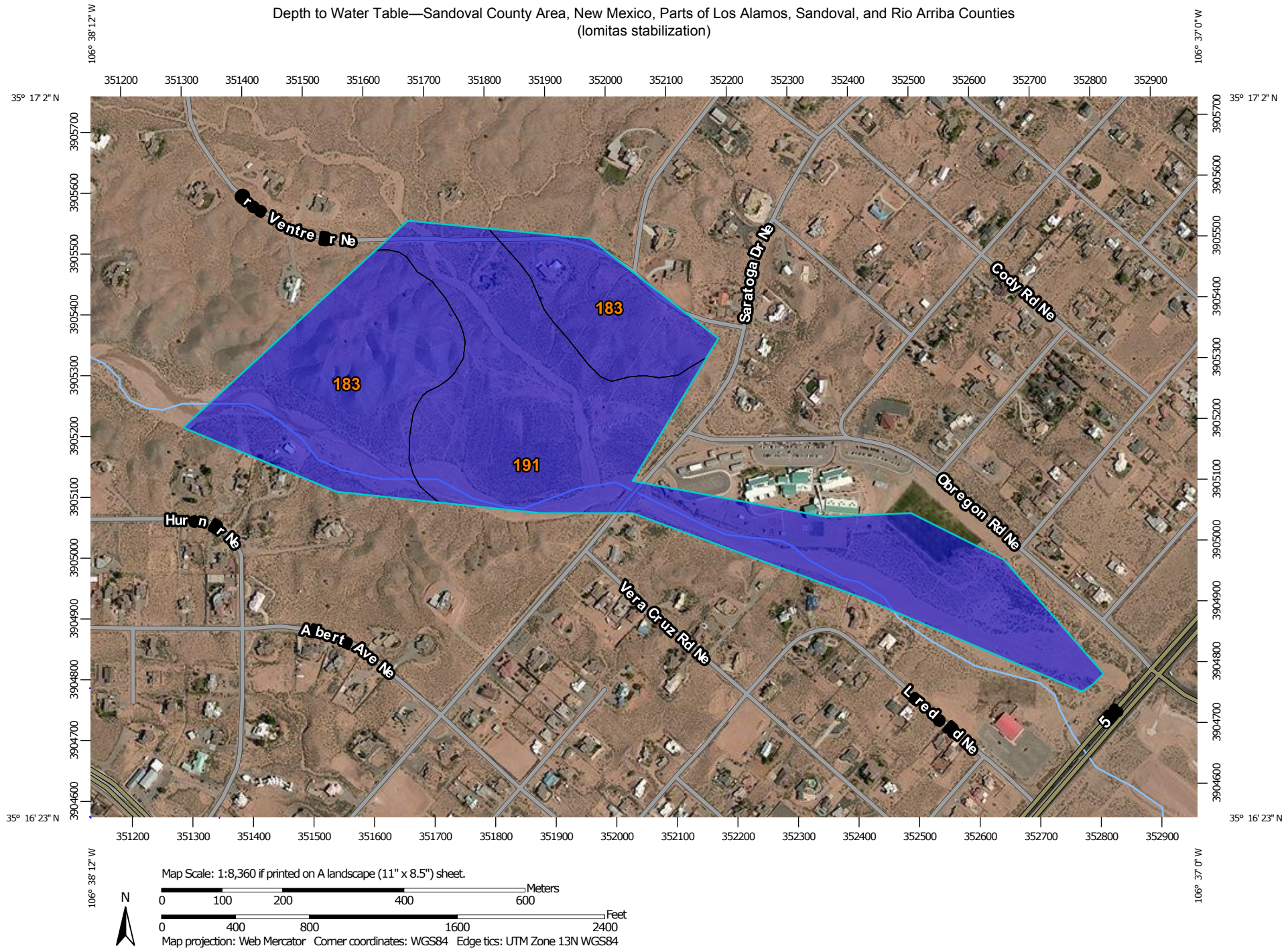
Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

Depth to Water Table—Sandoval County Area, New Mexico, Parts of Los Alamos, Sandoval, and Rio Arriba Counties
(lomitas stabilization)



Depth to Water Table

Depth to Water Table— Summary by Map Unit — Sandoval County Area, New Mexico, Parts of Los Alamos, Sandoval, and Rio Arriba Counties (NM656)				
Map unit symbol	**Map unit name**	**Rating (centimeters)**	**Acres in AOI**	**Percent of AOI**
183	Sheppard loamy fine sand, 8 to 15 percent slopes	>200	37.5	40.9%
191	Sheppard loamy fine sand, 3 to 8 percent slopes	>200	54.2	59.1%
Totals for Area of Interest			**91.7**	**100.0%**

Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: centimeters

Aggregation Method: Dominant Component

Component Percent Cutoff: *None Specified*

Tie-break Rule: Lower

Interpret Nulls as Zero: No

Beginning Month: January

Ending Month: December

U.S. Fish and Wildlife Service

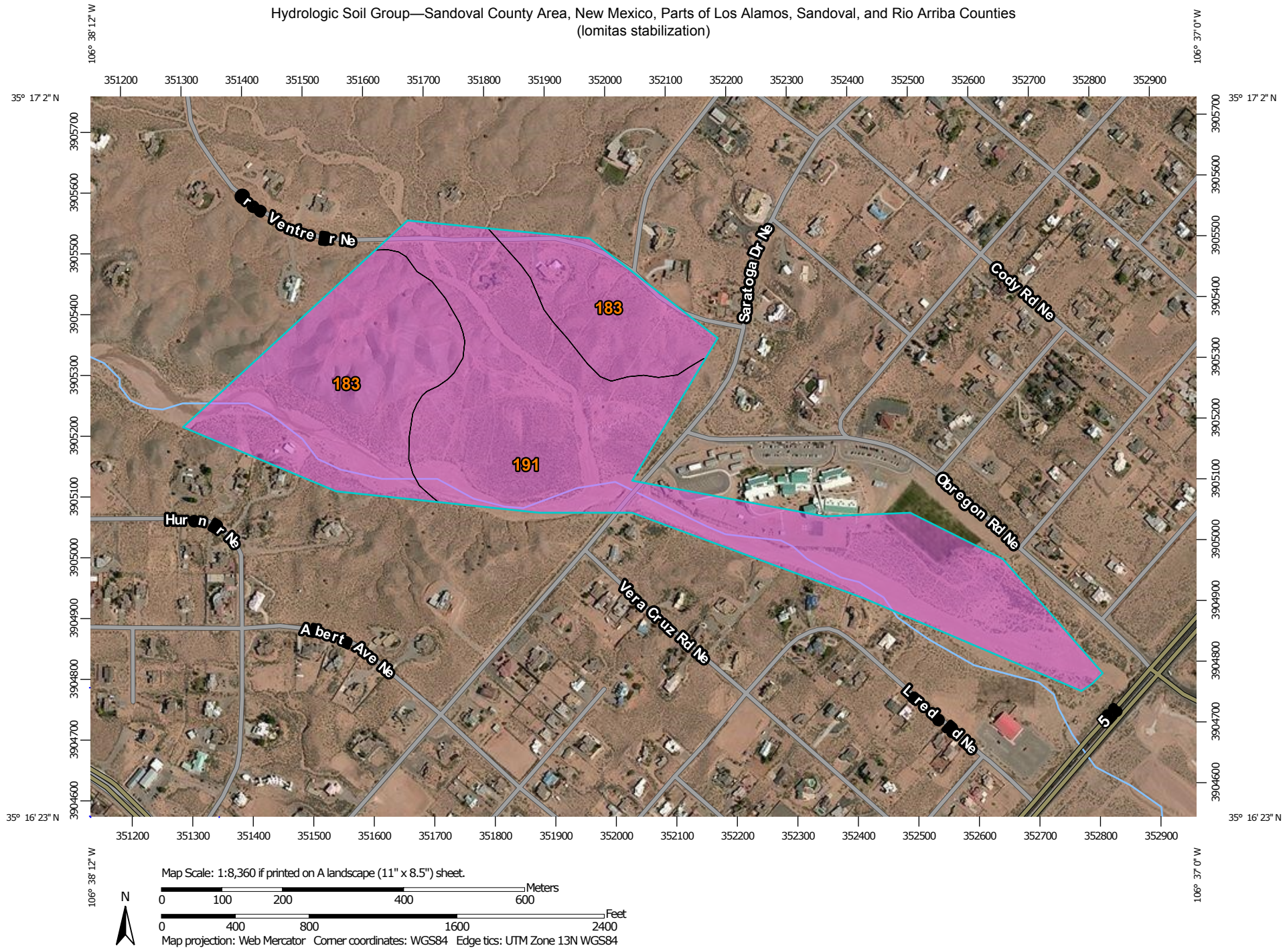
National Wetlands Inventory

lomitas stabilization

September 15, 2016

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

Hydrologic Soil Group—Sandoval County Area, New Mexico, Parts of Los Alamos, Sandoval, and Rio Arriba Counties
(lomitas stabilization)



Hydrologic Soil Group

Hydrologic Soil Group— Summary by Map Unit — Sandoval County Area, New Mexico, Parts of Los Alamos, Sandoval, and Rio Arriba Counties (NM656)				
Map unit symbol	**Map unit name**	**Rating**	**Acres in AOI**	**Percent of AOI**
183	Sheppard loamy fine sand, 8 to 15 percent slopes	A	37.5	40.9%
191	Sheppard loamy fine sand, 3 to 8 percent slopes	A	54.2	59.1%
Totals for Area of Interest			**91.7**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

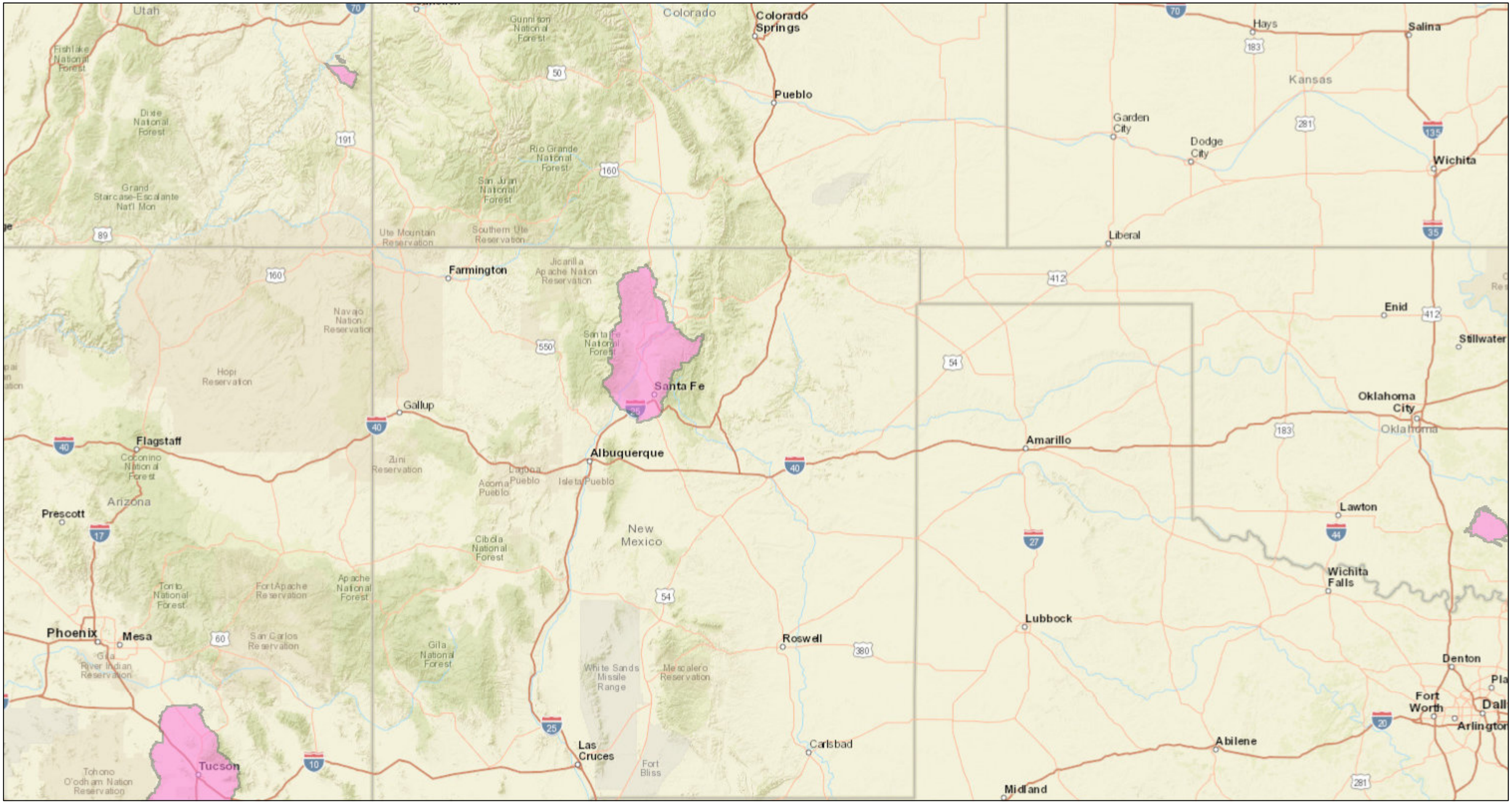
Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

ArcGIS Web Map



September 15, 2016

SSA_Labels

1:4,622,324

0 55 110 220 mi

0 90 180 360 km


PANEL
35043C1900D
eff. 3/18/2008
PANEL
35043C1911D
eff. 3/18/2008
PANEL
35043C1894D
eff. 3/18/2008
PANEL
35043C1913D
eff. 3/18/2008
L
J
H
G
F
D
E
B
C
A