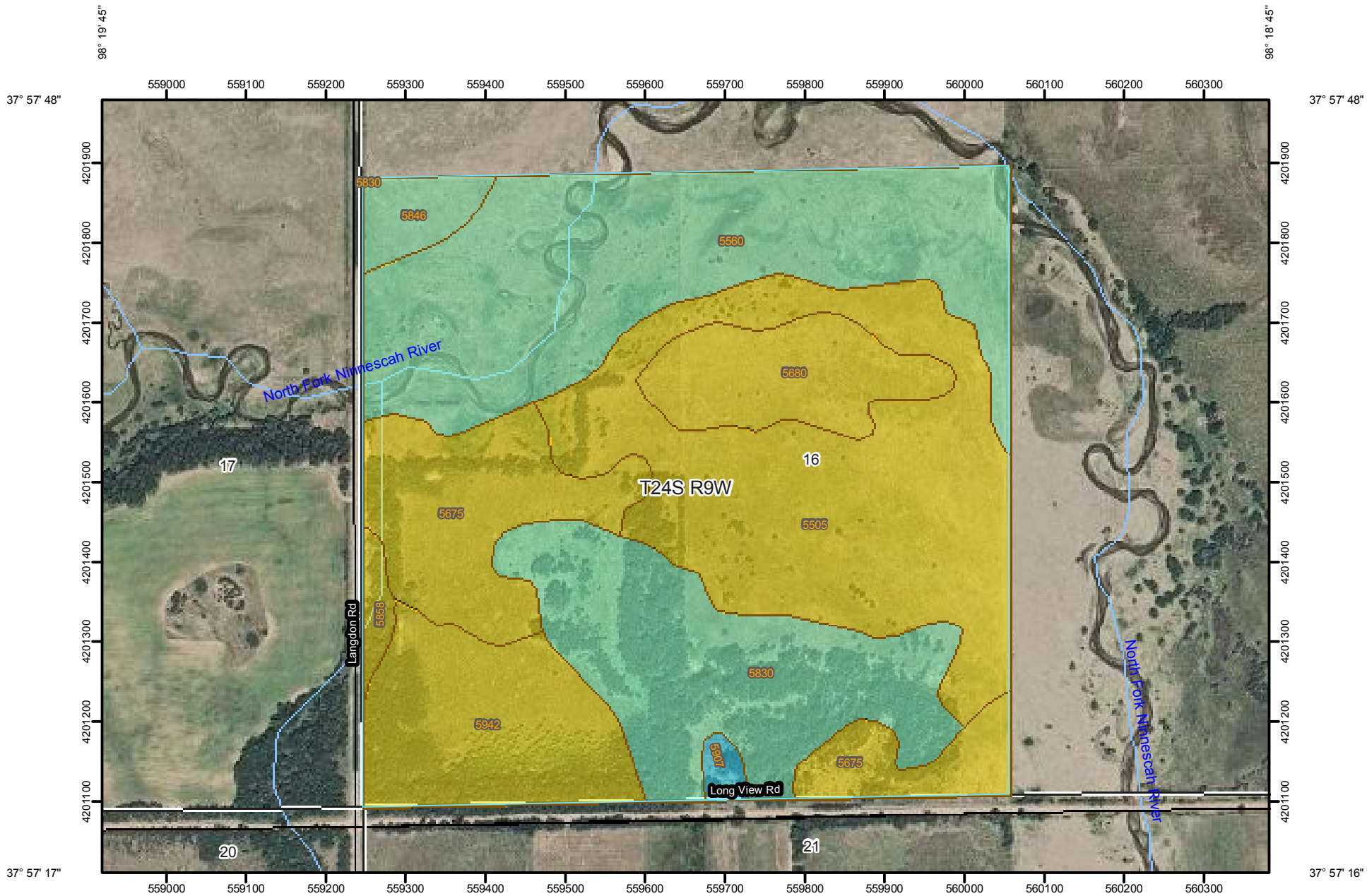


Nonirrigated Capability Class—Reno County, Kansas  
(Horton, Pamela)



98° 19' 45"



Map Scale: 1:6,940 if printed on A size (8.5" x 11") sheet.


0 50 100 200 300 Meters

0 350 700 1,400 2,100 Feet

98° 18' 45"

## MAP LEGEND










### Area of Interest (AOI)

 Area of Interest (AOI)




### Soils

 Soil Map Units

### Soil Ratings

-  Capability Class - I
-  Capability Class - II
-  Capability Class - III
-  Capability Class - IV
-  Capability Class - V
-  Capability Class - VI
-  Capability Class - VII
-  Capability Class - VIII
-  Not rated or not available






### Political Features

-  Cities
-  PLSS Township and Range
-  PLSS Section

### Water Features

 Streams and Canals

### Transportation

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

## MAP INFORMATION

Map Scale: 1:6,940 if printed on A size (8.5" × 11") sheet.

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 accurate map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
Coordinate System: UTM Zone 14N NAD83

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

Soil Survey Area: Reno County, Kansas  
Survey Area Data: Version 8, Nov 29, 2010

Date(s) aerial images were photographed: 7/15/2006

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.

## Nonirrigated Capability Class

| Nonirrigated Capability Class— Summary by Map Unit — Reno County, Kansas (KS155) |   |        |              |                |
|--|---|--------|--------------|----------------|
| Map unit symbol  | Map unit name   | Rating | Acres in AOI | Percent of AOI |
| 5505   | Abbyville-Kisiwa complex, occasionally flooded          | 3      | 40.1         | 25.4%          |
| 5560   | Kanza-Ninnescah sandy loams, frequently flooded         | 5      | 39.8         | 25.2%          |
| 5675   | Willowbrook fine sandy loam, occasionally flooded       | 3      | 19.9         | 12.6%          |
| 5680   | Yaggy-Saxman complex, occasionally flooded              | 3      | 10.2         | 6.5%           |
| 5830   | Ninnescah fine sandy loam, occasionally flooded         | 5      | 26.0         | 16.5%          |
| 5846   | Ninnescah fine sandy loam, occasionally flooded, saline | 5      | 3.2          | 2.0%           |
| 5858   | Albion-Shellabarger sandy loams, 1 to 3 percent slopes  | 3      | 1.3          | 0.9%           |
| 5907   | Langdon fine sand, 0 to 15 percent slopes               | 6      | 1.0          | 0.6%           |
| 5942   | Pratt-Turon fine sands, 1 to 5 percent slopes           | 3      | 16.1         | 10.2%          |
| <b>Totals for Area of Interest</b>   |   |        | <b>157.7</b> | <b>100.0%</b>  |

## Description

Land capability classification shows, in a general way, the suitability of soils for most kinds of field crops. Crops that require special management are excluded. The soils are grouped according to their limitations for field crops, the risk of damage if they are used for crops, and the way they respond to management. The criteria used in grouping the soils do not include major and generally expensive landforming that would change slope, depth, or other characteristics of the soils, nor do they include possible but unlikely major reclamation projects. Capability classification is not a substitute for interpretations that show suitability and limitations of groups of soils for rangeland, for woodland, or for engineering purposes.

In the capability system, soils are generally grouped at three levels—capability class, subclass, and unit. Only class and subclass are included in this data set.

Capability classes, the broadest groups, are designated by the numbers 1 through 8. The numbers indicate progressively greater limitations and narrower choices for practical use. The classes are defined as follows:

Class 1 soils have few limitations that restrict their use.

Class 2 soils have moderate limitations that reduce the choice of plants or that require moderate conservation practices.

Class 3 soils have severe limitations that reduce the choice of plants or that require special conservation practices, or both.

Class 4 soils have very severe limitations that reduce the choice of plants or that require very careful management, or both.

Class 5 soils are subject to little or no erosion but have other limitations, impractical to remove, that restrict their use mainly to pasture, rangeland, forestland, or wildlife habitat.

Class 6 soils have severe limitations that make them generally unsuitable for cultivation and that restrict their use mainly to pasture, rangeland, forestland, or wildlife habitat.

Class 7 soils have very severe limitations that make them unsuitable for cultivation and that restrict their use mainly to grazing, forestland, or wildlife habitat.

Class 8 soils and miscellaneous areas have limitations that preclude commercial plant production and that restrict their use to recreational purposes, wildlife habitat, watershed, or esthetic purposes.

## Rating Options

*Aggregation Method:* Dominant Condition

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Higher