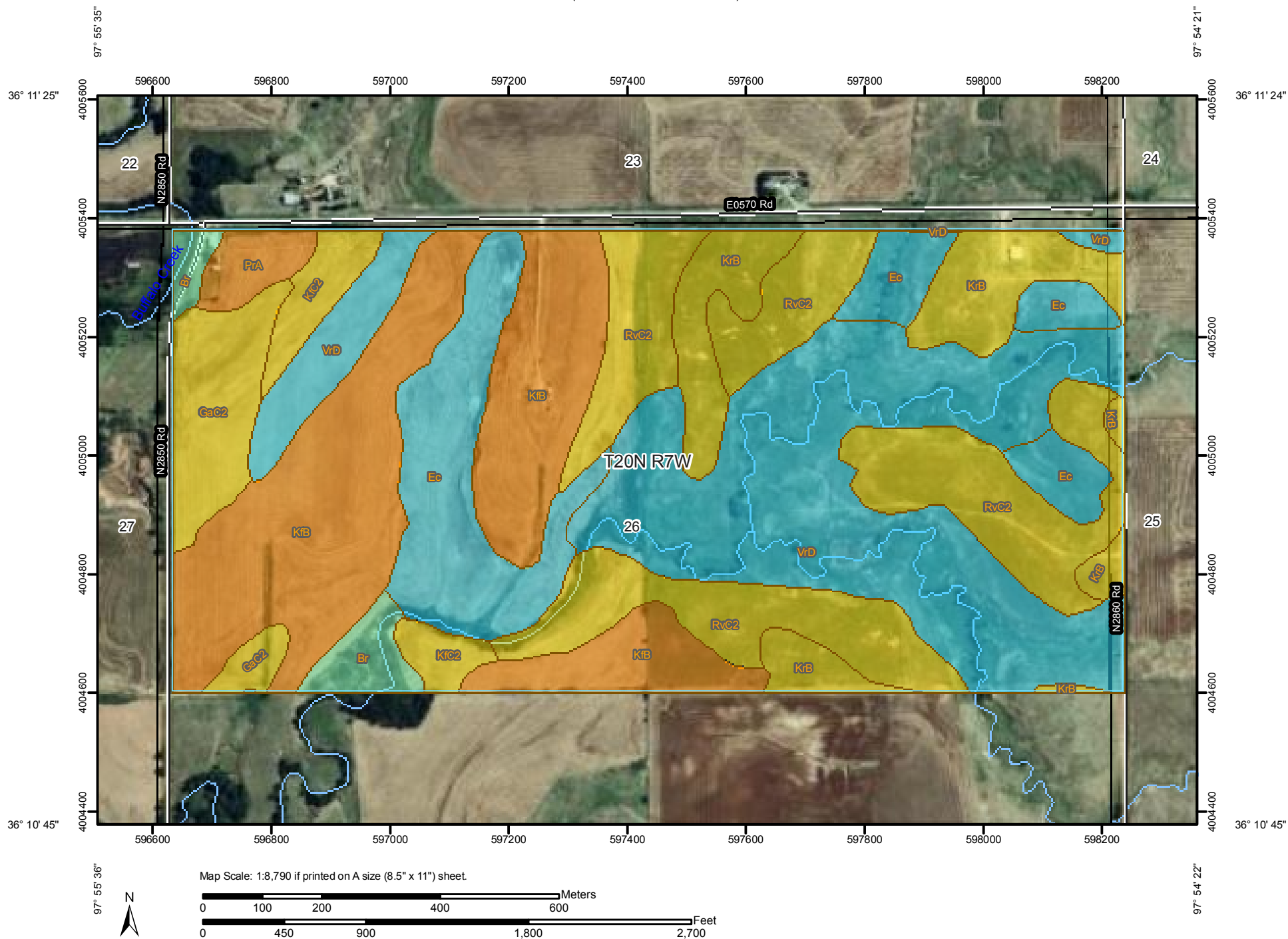


Nonirrigated Capability Class—Garfield County, Oklahoma
(N/2 26--20-7 Brett Wilson)



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

-  Oceans
 Streams and Canals

Transportation

-  Rails
 Interstate Highways
 US Routes
 Major Roads



Local Roads

MAP INFORMATION

Map Scale: 1:8,790 if printed on A size (8.5" × 11") sheet.

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

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: Garfield County, Oklahoma
Survey Area Data: Version 7, Sep 11, 2008

Date(s) aerial images were photographed: 7/9/2003

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 — Garfield County, Oklahoma				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Br	Pulaski and Ashport soils, 0 to 1 percent slopes, frequently flooded	5	6.7	2.2%
Ec	Masham clay, 3 to 12 percent slopes	6	37.8	12.2%
GaC2	Grant silt loam, 3 to 5 percent slopes, eroded	3	15.5	5.0%
KfB	Grant silt loam, 1 to 3 percent slopes	2	69.5	22.5%
KfC2	Kingfisher silt loam, 3 to 5 percent slopes, eroded	3	8.4	2.7%
KrB	Kirkland-Renfrow complex, 1 to 3 percent slopes	3	26.3	8.5%
PrA	Port silt loam, 0 to 1 percent slopes, occasionally flooded	2	4.6	1.5%
RvC2	Renthin-Masham complex, 3 to 5 percent slopes, eroded	3	58.6	19.0%
VrD	Grainola-Masham-Ironmound complex, 5 to 12 percent slopes	6	81.2	26.3%
Totals for Area of Interest			308.5	100.0%

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