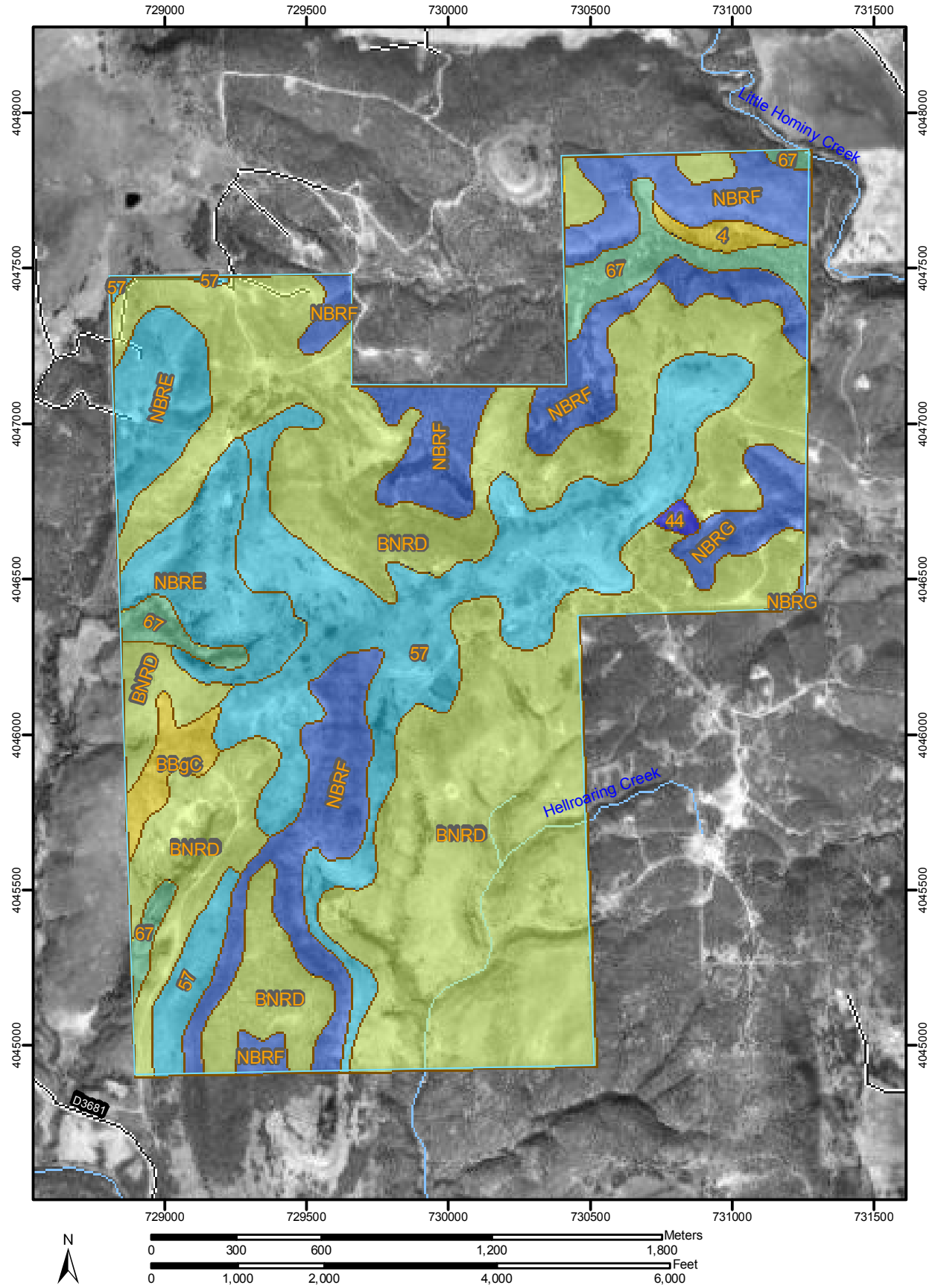


Nonirrigated Capability Class—Osage County, Oklahoma
(Berry Estate Osage)



Nonirrigated Capability Class—Osage County, Oklahoma
(Berry Estate Osage)

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

Municipalities

-  Cities
-  Urban Areas



Water Features

-  Oceans
-  Streams and Canals

Transportation

 Rails

Roads

-  Interstate Highways
-  US Routes

-  State Highways
-  Local Roads
-  Other Roads

MAP INFORMATION

Original soil survey map sheets were prepared at publication scale. Viewing scale and printing scale, however, may vary from the original. Please rely on the bar scale on each map sheet for proper map measurements.

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

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

Soil Survey Area: Osage County, Oklahoma
Survey Area Data: Version 6, Jul 24, 2007

Date(s) aerial images were photographed: 2/21/1995

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 — Osage County, Oklahoma				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
4	Coyle loam, 1 to 3 percent slopes	3	8.6	0.6%
44	Oil waste land-Huska complex, 1 to 8 percent slopes	8	3.0	0.2%
57	Steedman-Lucien complex, 3 to 15 percent slopes	6	245.4	17.8%
67	Verdigris silt loam, 0 to 1 percent slopes, frequently flooded	5	50.5	3.7%
BBgC	Bartlesville-Bigheart complex, 1 to 5 percent slopes, very rocky	3	17.3	1.3%
BNRD	Bigheart-Niotaze-Rock outcrop complex, 1 to 8 percent slopes	4	718.4	52.0%
NBRE	Niotaze-Bigheart-Rock outcrop complex, 3 to 15 percent slopes, very stony	6	104.8	7.6%
NBRF	Niotaze-Bigheart-Rock outcrop complex, 15 to 25 percent slopes, extremely stony	7	206.1	14.9%
NBRG	Niotaze-Bigheart-Rock outcrop complex, 25 to 45 percent slopes, rubbly	7	27.3	2.0%
Totals for Area of Interest (AOI)			1,381.4	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