


Nonirrigated Capability Class—Perry County, Alabama  
(Robertson 350+/- ac)




## MAP LEGEND


### Area of Interest (AOI)


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### 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


### Water Features

 Oceans

 Streams and Canals

### Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

## MAP INFORMATION

Map Scale: 1:8,860 if printed on A size (8.5" x 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 16N NAD83

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

Soil Survey Area: Perry County, Alabama

Survey Area Data: Version 4, Aug 7, 2006

Date(s) aerial images were photographed: 8/18/2006

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 — Perry County, Alabama				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
OkB	Okolona silty clay loam, 0 to 3 percent slopes	2	77.2	21.5%
SeA	Sucarnoochee clay, 0 to 1 percent slopes, frequently flooded	4	17.1	4.8%
SmB	Sumter silty clay loam, 1 to 3 percent slopes	2	35.6	9.9%
SnD2	Sumter silty clay loam, 3 to 8 percent slopes, eroded	4	163.3	45.6%
VaB	Vaiden clay, 1 to 3 percent slopes	3	11.8	3.3%
W	Water		53.3	14.9%
<b>Totals for Area of Interest</b>			<b>358.4</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