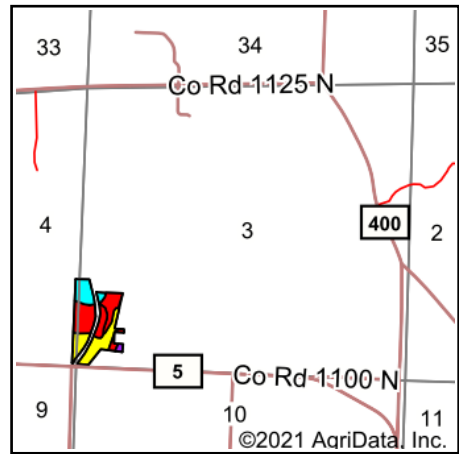
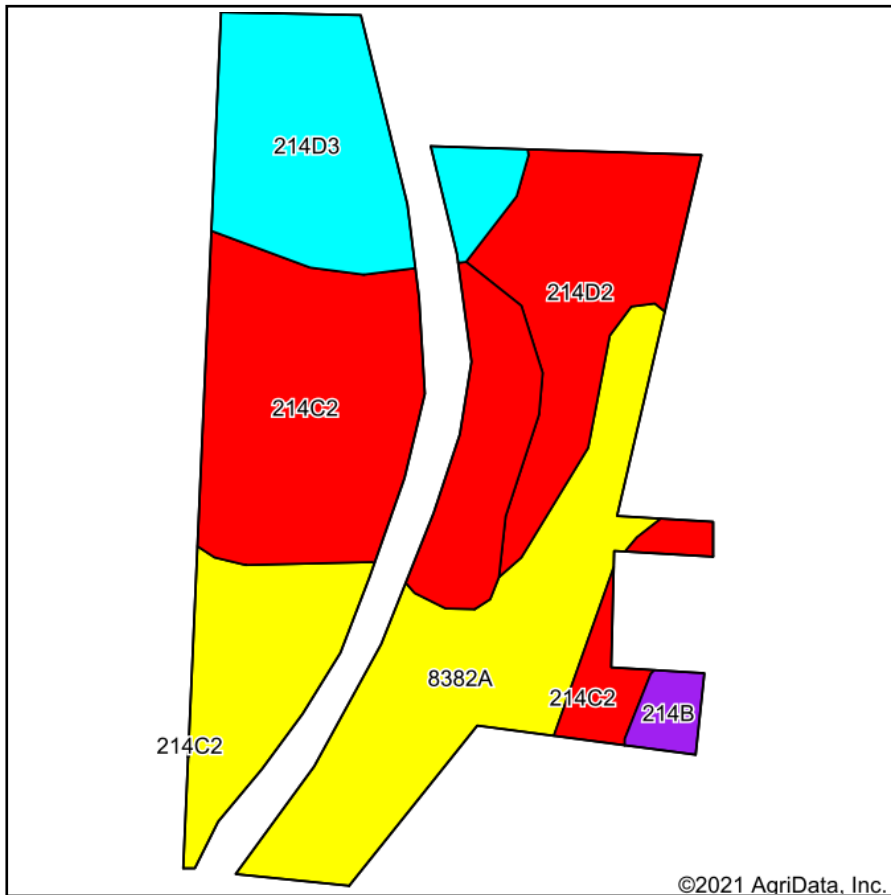


# Soils Map



State: **Illinois**  
 County: **Massac**  
 Location: **3-15S-3E**  
 Township: **Hillerman**  
 Acres: **17.27**  
 Date: **9/12/2021**



WHITETAIL PROPERTIES REAL ESTATE  
 HUNTING | RANCH | FARM | TIMBER

Maps Provided By:



Soils data provided by USDA and NRCS.

Area Symbol: IL127, Soil Area Version: 16

| Code                    | Soil Description   | Acres | Percent of field | Il. State Productivity Index Legend | Subsoil rooting <sup>a</sup> | Corn Bu/A    | Soybeans Bu/A | Wheat Bu/A  | Oats Bu/A <sup>b</sup> | Sorghum <sup>c</sup> Bu/A | Alfalfa <sup>d</sup> hay, T/A | Grass-legume <sup>e</sup> hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 8382A                   | Belknap silt loam, 0 to 2 percent slopes, occasionally flooded | 5.80  | 33.6%            | Yellow                              | FAV                          | 156          | 52            | 63          | 75                     | 0                         | 0.00                          | 4.89                               | 117  |
| **214C2                 | Hosmer silt loam, 5 to 10 percent slopes, eroded               | 5.66  | 32.8%            | Red                                 | UNF                          | **126        | **41          | **52        | 0                      | **99                      | **3.28                        | 0.00                               | **95   |
| **214D3                 | Hosmer silt loam, 10 to 18 percent slopes, severely eroded     | 2.97  | 17.2%            | Cyan                                | UNF                          | **97         | **32          | **40        | 0                      | **76                      | **2.51                        | 0.00                               | **72   |
| **214D2                 | Hosmer silt loam, 10 to 18 percent slopes, eroded              | 2.54  | 14.7%            | Red                                 | UNF                          | **118        | **39          | **49        | 0                      | **92                      | **3.06                        | 0.00                               | **88   |
| **214B                  | Hosmer silt loam, 2 to 5 percent slopes                        | 0.30  | 1.7%             | Purple                              | UNF                          | **139        | **46          | **57        | 0                      | **109                     | **3.60                        | 0.00                               | **104  |
| <b>Weighted Average</b> |  |       |                  |                                     |                              | <b>130.1</b> | <b>42.9</b>   | <b>53.3</b> | <b>25.2</b>            | <b>60.9</b>               | <b>2.02</b>                   | <b>1.64</b>                        | <b>97.6</b>                                    |

**Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana.** Version: 1/2/2012 Amended Table S2 B811

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site: <http://soilproductivity.nres.illinois.edu/>

\*\* Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

<sup>a</sup> UNF = unfavorable; FAV = favorable

<sup>b</sup> Soils in the southern region were not rated for oats and are shown with a zero "0".

<sup>c</sup> Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".

<sup>d</sup> Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

<sup>e</sup> Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.