## Soils Map
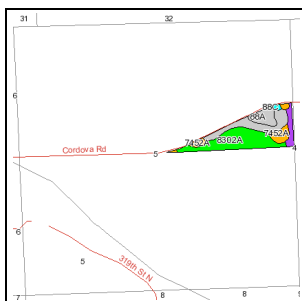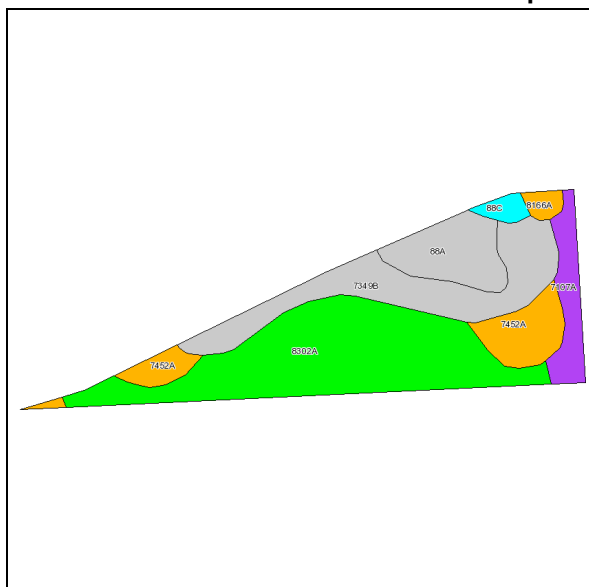




State: **Illinois**
County: **Whiteside**
Location: **005-019N-003E**
Township: **Erie**
Acres: **26.6**
Date: **11/30/2011**

**SCHRADER**
*Real Estate & Auction Co., Inc.*

Fsa borders provided by the Farm Service Agency as of May 23, 2008.
Soils data provided by USDA and NRCS.
PLSS provided by Illinois State Geological Survey.

Maps provided by:
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| Code | Soil Description | Acres | Percent of field | Il. State Productivity Index Legend | Subsoil rooting a | Corn Bu/A | Soybeans Bu/A | Wheat Bu/A | Oats Bu/A b | Sorghum c Bu/A | Alfalfa d hay, T/A | Grass-legume e hay, T/A | Crop productivity index for optimum management |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8302A | Ambraw loam, 0 to 2 percent slopes, occasionally flooded | 11.7 | 43.6% | | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| 7349B | Zumbro sandy loam, 1 to 4 percent slopes, rarely flooded | 6.2 | 23.4% | | FAV | 133 | 44 | 54 | 65 | 0 | 3.14 | 0.00 | 98 |
| 7452A | Riley loam, 0 to 2 percent slopes, rarely flooded | 3 | 11.3% | | FAV | 172 | 55 | 66 | 87 | 0 | 0.00 | 5.02 | 127 |
| 88A | Sparta loamy sand, 0 to 2 percent slopes | 2.9 | 11.0% | | FAV | 119 | 41 | 50 | 58 | 0 | 0.00 | 4.01 | 92 |
| 7107A | Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded | 1.9 | 7.2% | | FAV | 189 | 60 | 71 | 98 | 0 | 0.00 | 5.77 | 139 |
| **88C | Sparta loamy sand, 6 to 12 percent slopes | 0.5 | 1.8% | | FAV | **115 | **40 | **49 | **56 | 0 | 0.00 | **3.89 | **89 |
| 8166A | Cohoctah loam, 0 to 2 percent slopes, occasionally flooded | 0.4 | 1.6% | | FAV | 177 | 60 | 74 | 93 | 0 | 0.00 | 4.89 | 133 |
| | | | | | Weighted Average | 149.3 | 48.8 | 59.4 | 73.7 | 0 | 0.73 | 3.76 | 110.8 |

**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: 1/15/2011 Amended Table S2 B811 (Updated 3/1/2011)

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

*a* UNF = unfavorable; FAV = favorable

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

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

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

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