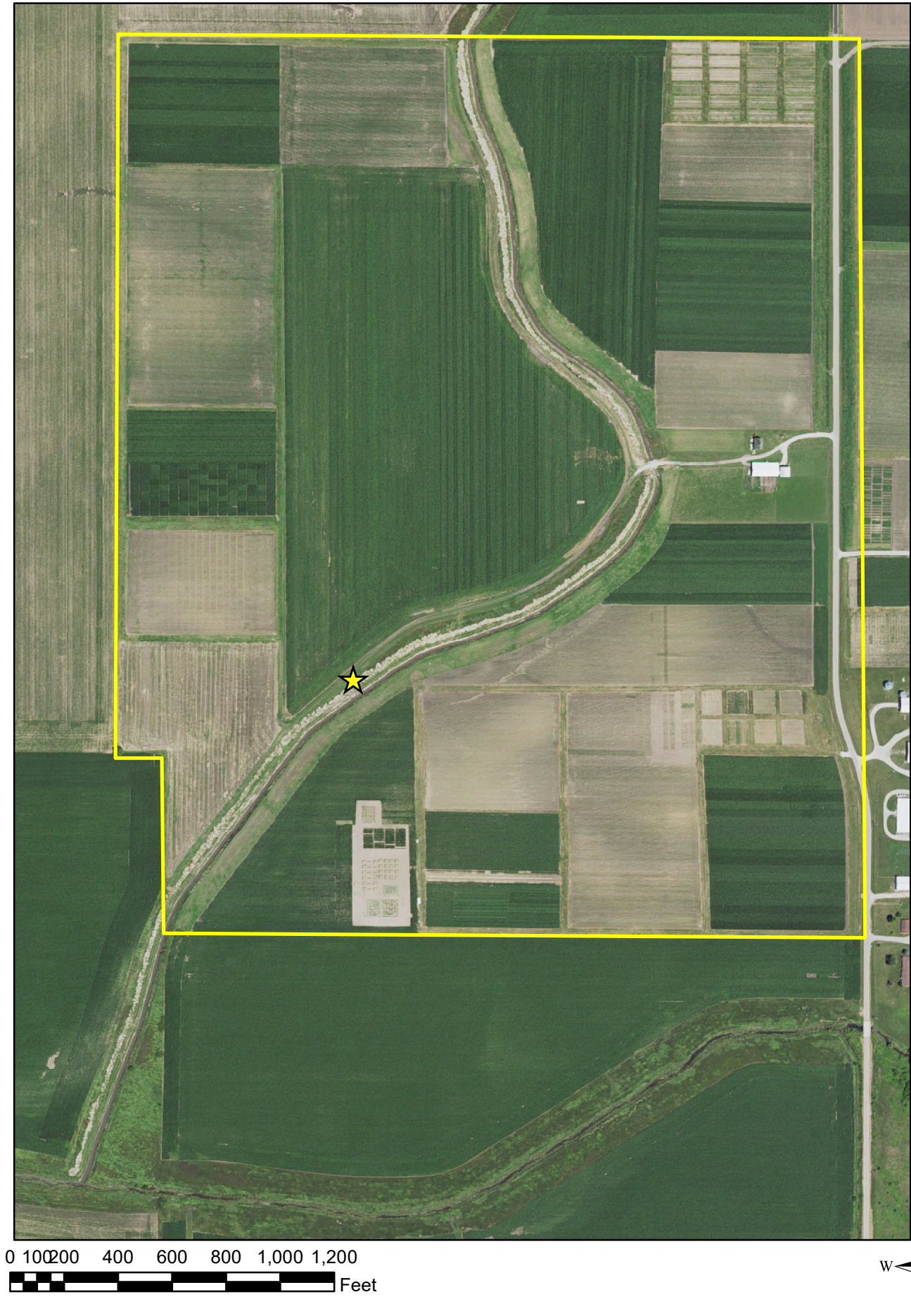
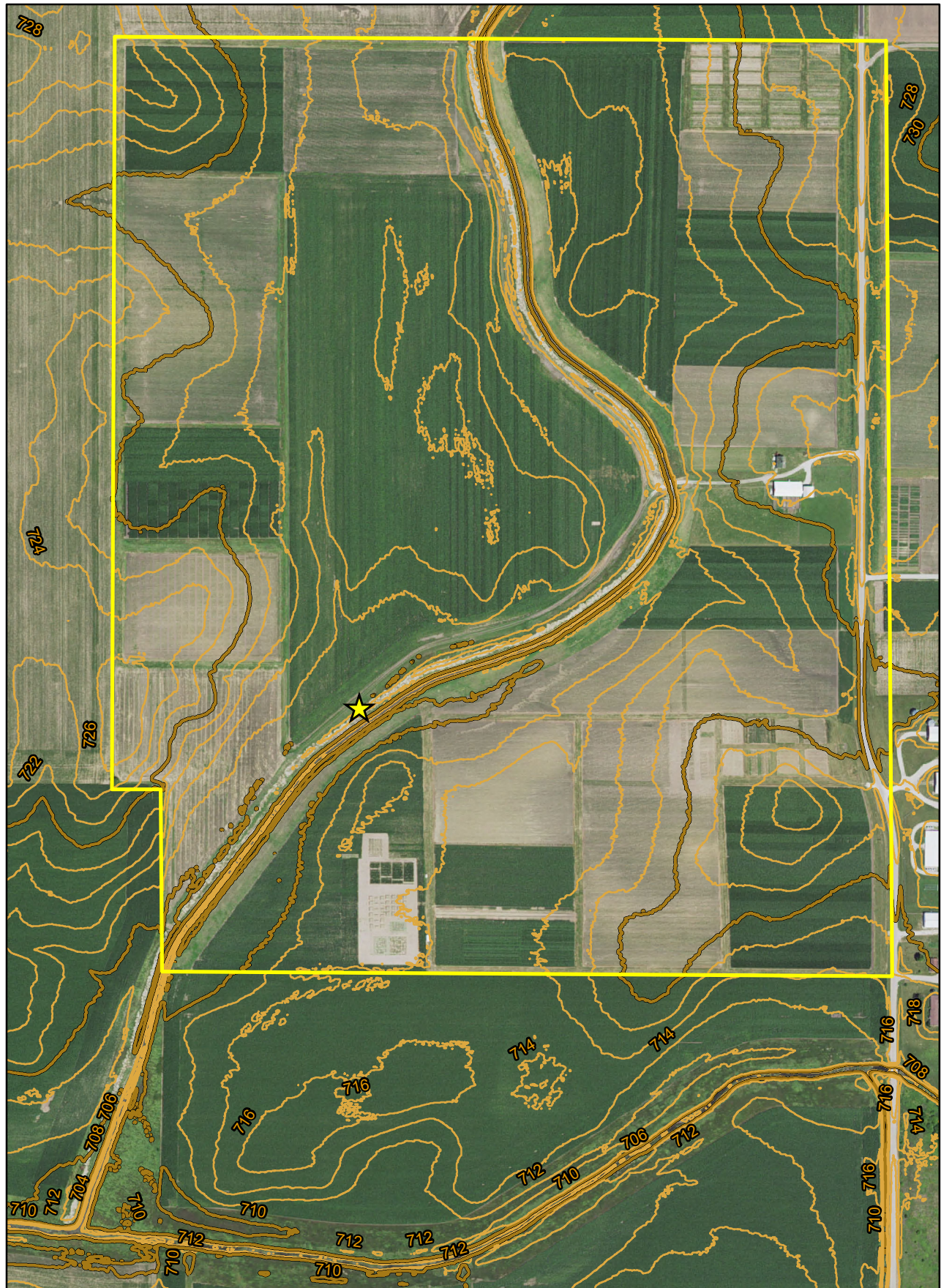


Example Saturated Buffer Site 2019



Example Saturated Buffer Site 2019



0 100 200 400 600 800 1,000 1,200
Feet



Example Saturated Buffer Site 2019



0 250 500 1,000 1,500 2,000 2,500
Feet



Soil Map—McLean County, Illinois
(ISU TNC Lexington Saturated Buffer Soils)

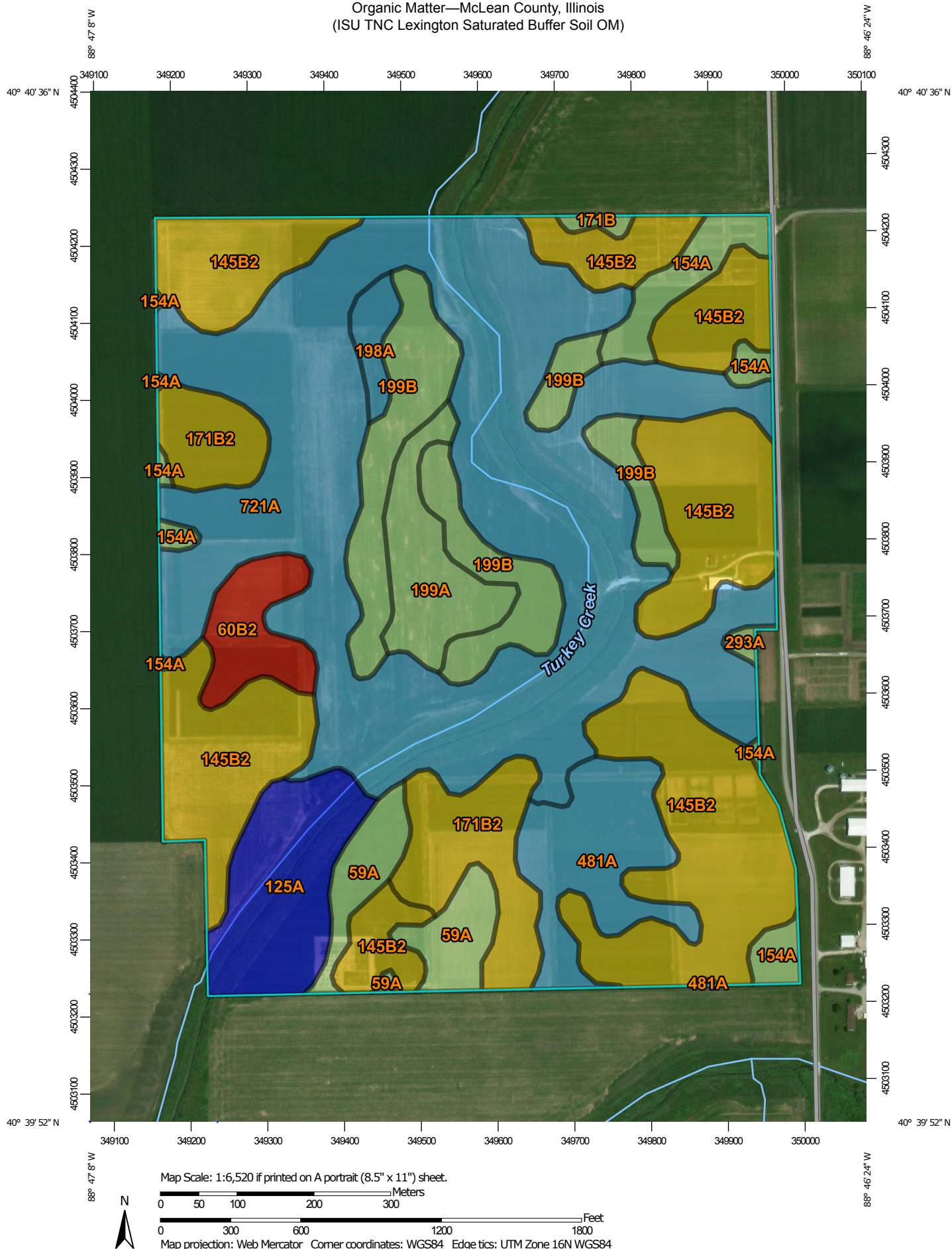


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Organic Matter—McLean County, Illinois
(ISU TNC Lexington Saturated Buffer Soil OM)



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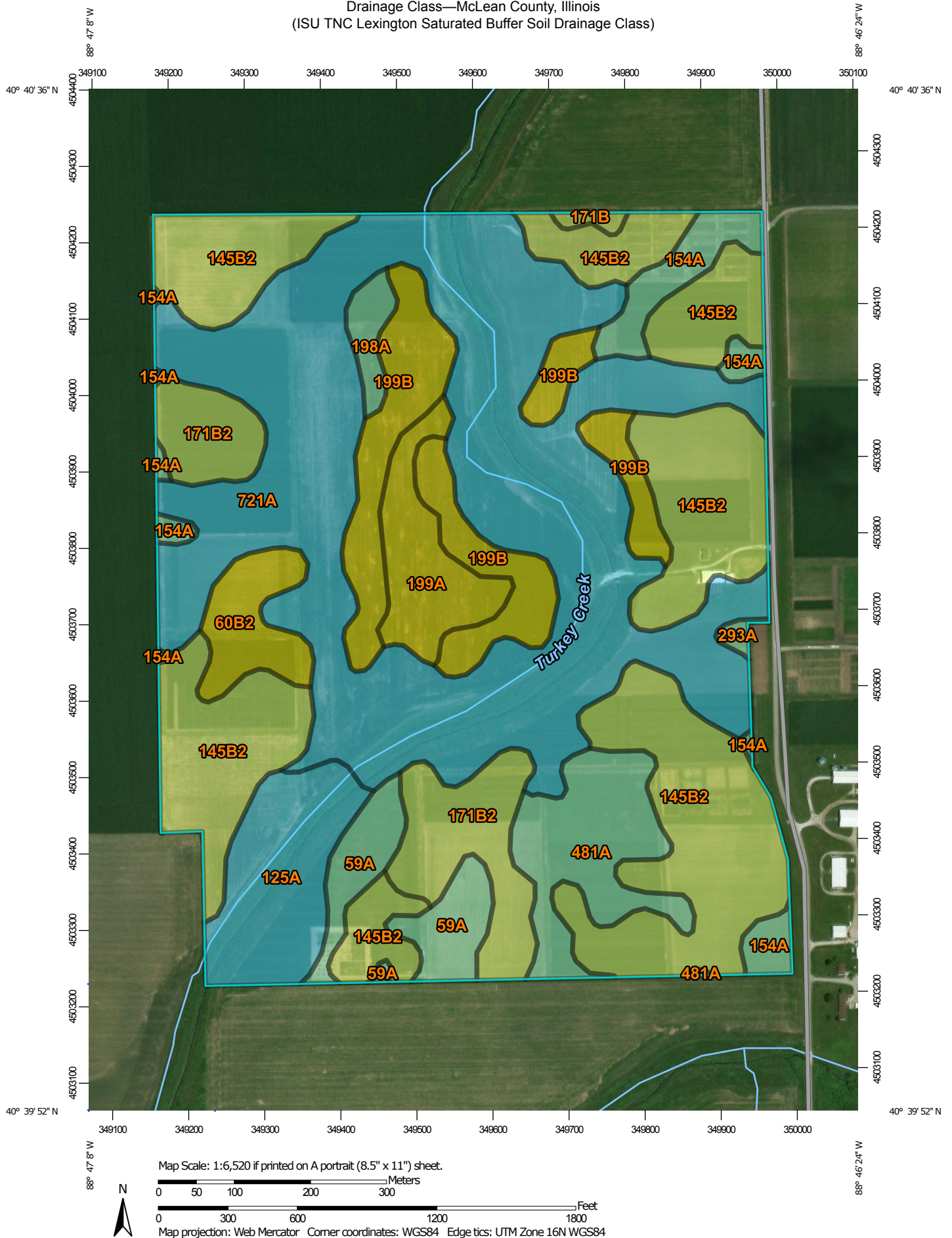
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Organic Matter

Map unit symbol	Map unit name	Rating (percent)	Acres in AOI	Percent of AOI
59A	Lisbon silt loam, 0 to 2 percent slopes	2.23	6.4	3.2%
60B2	La Rose silt loam, 2 to 5 percent slopes, eroded	0.70	4.7	2.4%
125A	Selma loam, 0 to 2 percent slopes	3.79	10.0	5.1%
145B2	Saybrook silt loam, 2 to 5 percent slopes, eroded	1.49	52.6	26.7%
154A	Flanagan silt loam, 0 to 2 percent slopes	2.47	6.0	3.0%
171B	Catlin silt loam, 2 to 5 percent slopes	2.18	0.5	0.2%
171B2	Catlin silt loam, 2 to 5 percent slopes, eroded	1.39	11.9	6.0%
198A	Elburn silt loam, 0 to 2 percent slopes	3.03	1.8	0.9%
199A	Plano silt loam, 0 to 2 percent slopes	1.97	6.5	3.3%
199B	Plano silt loam, 2 to 5 percent slopes	2.05	16.0	8.1%
293A	Andres silt loam, 0 to 2 percent slopes	2.24	0.4	0.2%
481A	Raub silt loam, non-densic substratum, 0 to 2 percent slopes	2.82	9.5	4.8%
721A	Drummer and Elpaso silty clay loams, 0 to 2 percent slopes	3.26	70.6	35.9%
Totals for Area of Interest			196.9	100.0%

Drainage Class—McLean County, Illinois
(ISU TNC Lexington Saturated Buffer Soil Drainage Class)



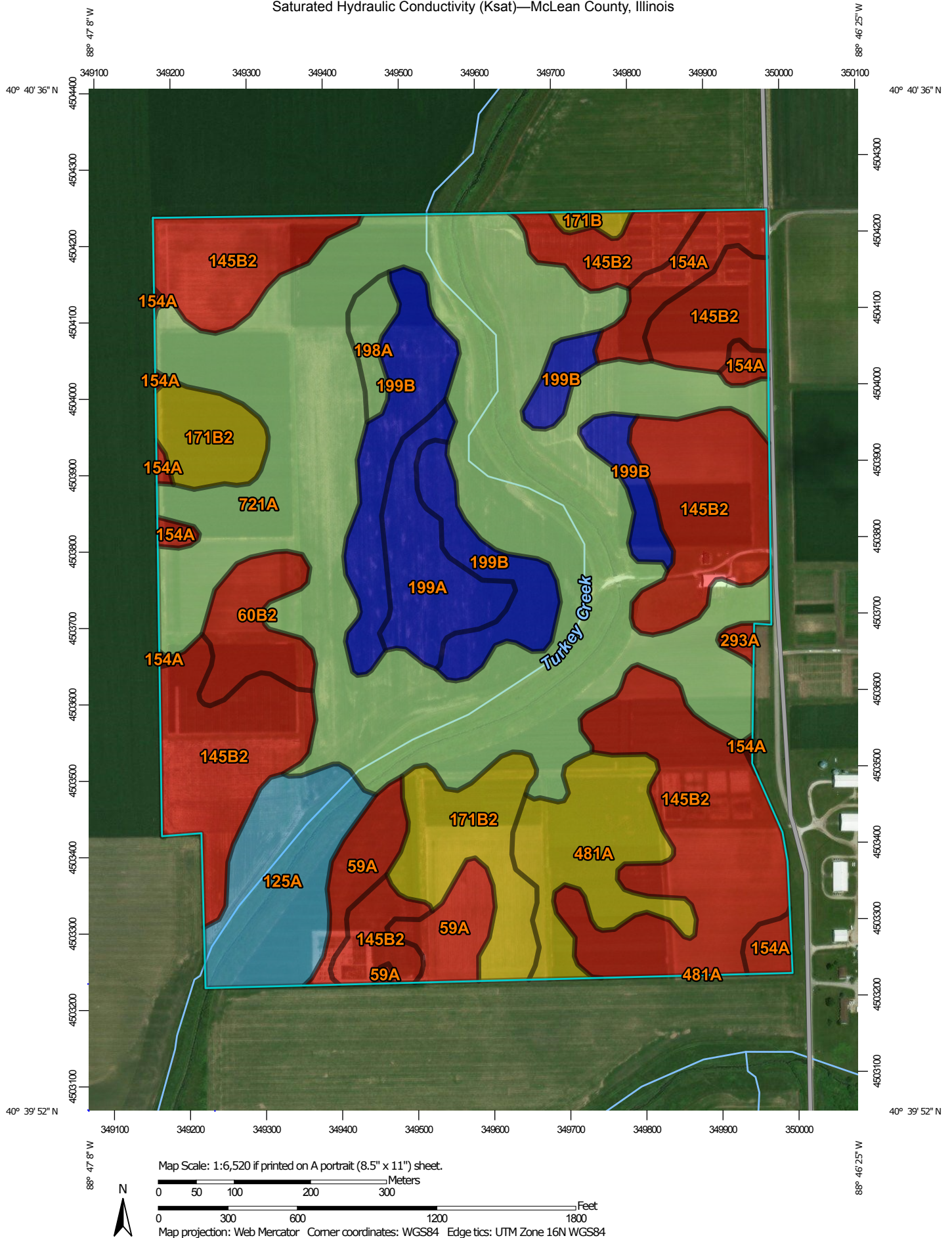
Drainage Class

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
59A	Lisbon silt loam, 0 to 2 percent slopes	Somewhat poorly drained	6.4	3.2%
60B2	La Rose silt loam, 2 to 5 percent slopes, eroded	Well drained	4.7	2.4%
125A	Selma loam, 0 to 2 percent slopes	Poorly drained	10.0	5.1%
145B2	Saybrook silt loam, 2 to 5 percent slopes, eroded	Moderately well drained	52.6	26.7%
154A	Flanagan silt loam, 0 to 2 percent slopes	Somewhat poorly drained	6.0	3.0%
171B	Catlin silt loam, 2 to 5 percent slopes	Moderately well drained	0.5	0.2%
171B2	Catlin silt loam, 2 to 5 percent slopes, eroded	Moderately well drained	11.9	6.0%
198A	Elburn silt loam, 0 to 2 percent slopes	Somewhat poorly drained	1.8	0.9%
199A	Plano silt loam, 0 to 2 percent slopes	Well drained	6.5	3.3%
199B	Plano silt loam, 2 to 5 percent slopes	Well drained	16.0	8.1%
293A	Andres silt loam, 0 to 2 percent slopes	Somewhat poorly drained	0.4	0.2%
481A	Raub silt loam, non-densic substratum, 0 to 2 percent slopes	Somewhat poorly drained	9.5	4.8%
721A	Drummer and Elpaso silty clay loams, 0 to 2 percent slopes	Poorly drained	70.6	35.9%
Totals for Area of Interest			196.9	100.0%

Description

"Drainage class (natural)" refers to the frequency and duration of wet periods under conditions similar to those under which the soil formed. Alterations of the water regime by human activities, either through drainage or irrigation, are not a consideration unless they have significantly changed the morphology of the soil. Seven classes of natural soil drainage are recognized-excessively drained, somewhat excessively drained, well drained, moderately well drained, somewhat poorly drained, poorly drained, and very poorly drained. These classes are defined in the "Soil Survey Manual."

Saturated Hydraulic Conductivity (Ksat)—McLean County, Illinois



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Saturated Hydraulic Conductivity (Ksat)

Map unit symbol	Map unit name	Rating (micrometers per second)	Acres in AOI	Percent of AOI
59A	Lisbon silt loam, 0 to 2 percent slopes	6.2039	6.3	3.2%
60B2	La Rose silt loam, 2 to 5 percent slopes, eroded	4.4075	4.7	2.4%
125A	Selma loam, 0 to 2 percent slopes	13.5588	10.0	5.1%
145B2	Saybrook silt loam, 2 to 5 percent slopes, eroded	6.1203	53.0	26.8%
154A	Flanagan silt loam, 0 to 2 percent slopes	6.5381	6.1	3.1%
171B	Catlin silt loam, 2 to 5 percent slopes	7.5825	0.6	0.3%
171B2	Catlin silt loam, 2 to 5 percent slopes, eroded	7.7914	11.9	6.0%
198A	Elburn silt loam, 0 to 2 percent slopes	10.1485	1.8	0.9%
199A	Plano silt loam, 0 to 2 percent slopes	15.9061	6.5	3.3%
199B	Plano silt loam, 2 to 5 percent slopes	16.8937	16.0	8.1%
293A	Andres silt loam, 0 to 2 percent slopes	6.3091	0.4	0.2%
481A	Raub silt loam, non-densic substratum, 0 to 2 percent slopes	8.0483	9.4	4.7%
721A	Drummer and Elpaso silty clay loams, 0 to 2 percent slopes	9.1700	71.0	35.9%
Totals for Area of Interest			197.6	100.0%