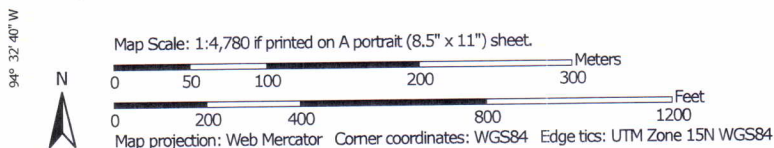
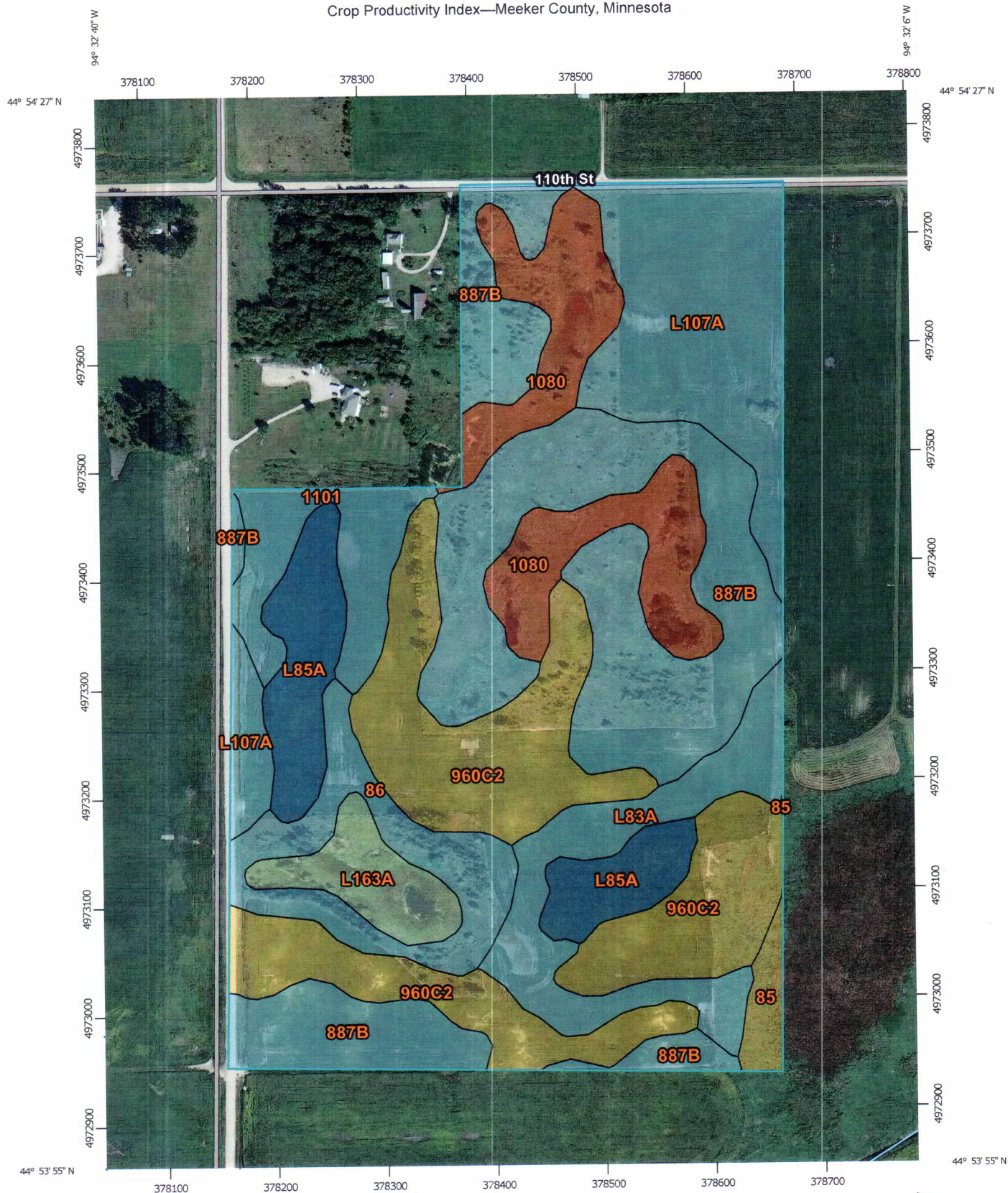


Crop Productivity Index—Meeker County, Minnesota

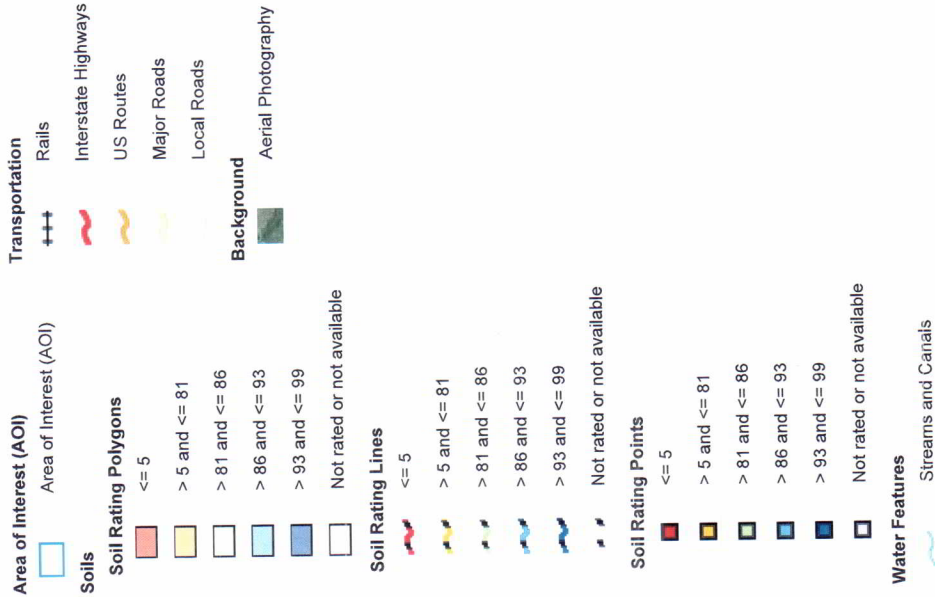


Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

12/3/2013
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MAP LEGEND



MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

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

Soil Survey Area: Meeker County, Minnesota
Survey Area Data: Version 6, Jul 3, 2012

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 6, 2011—Sep 19, 2011

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.

Crop Productivity Index

Crop Productivity Index— Summary by Map Unit — Meeker County, Minnesota (MN093)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
85	Calco silty clay loam, 0 to 2 percent slopes, occasionally flooded	81	1.1	1.2%
86	Canisteo clay loam, moderately fine substratum, 0 to 2 percent slopes	93	5.4	6.1%
887B	Clarion-Swanlake complex, 2 to 6 percent slopes	92	22.9	26.2%
960C2	Storden-Omsrud complex, 6 to 12 percent slopes, eroded	78	18.4	21.0%
1080	Klossner, Okoboji, and Glencoe soils, ponded, 0 to 1 percent slopes	5	8.9	10.2%
1101	Webster silty clay loam, moderately fine substratum, 0 to 2 percent slopes	93	4.1	4.7%
L83A	Webster clay loam, 0 to 2 percent slopes	93	6.3	7.2%
L85A	Nicollet clay loam, 1 to 3 percent slopes	99	5.9	6.7%
L107A	Canisteo-Glencoe, depressional complex, 0 to 2 percent slopes	91	11.6	13.3%
L163A	Okoboji silty clay loam, depressional, 0 to 1 percent slopes	86	2.8	3.3%
Totals for Area of Interest			87.4	100.0%



Description

Crop productivity index ratings provide a relative ranking of soils based on their potential for intensive crop production. An index can be used to rate the potential yield of one soil against that of another over a period of time. Ratings range from 0 to 100. The higher numbers indicate higher production potential. The rating is not crop specific.

When the soils are rated, the following assumptions are made: a) adequate management, b) natural weather conditions (no irrigation), c) artificial drainage where required, d) no frequent flooding on the lower lying soils, and e) no land leveling or terracing. Even though predicted average yields will change with time, the productivity indices are expected to remain relatively constant in relation to one another over time.

Rating Options

Aggregation Method: Weighted Average

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Interpret Nulls as Zero: Yes