



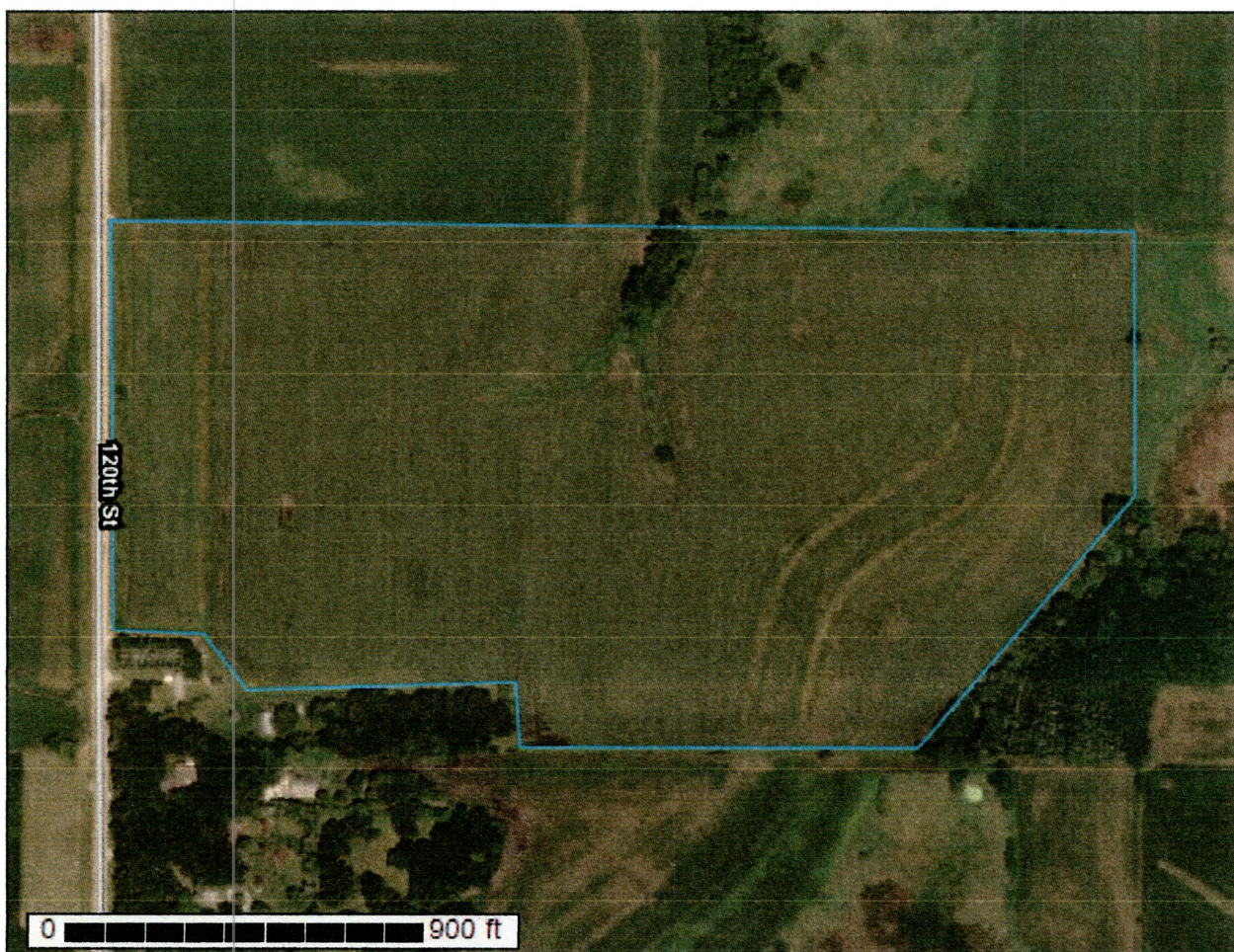
United States  
Department of  
Agriculture

**NRCS**

Natural  
Resources  
Conservation  
Service

A product of the National  
Cooperative Soil Survey,  
a joint effort of the United  
States Department of  
Agriculture and other  
Federal agencies, State  
agencies including the  
Agricultural Experiment  
Stations, and local  
participants

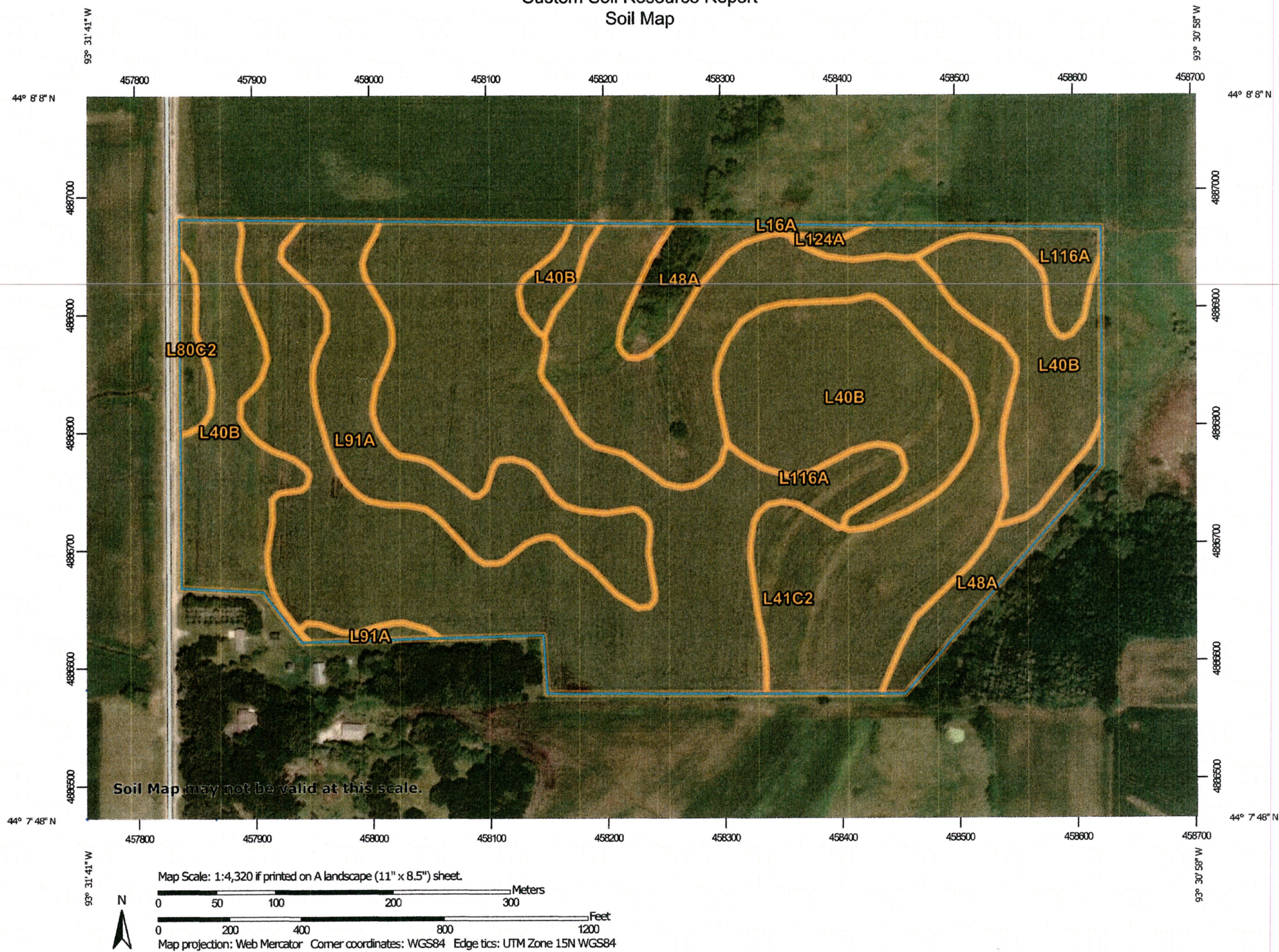
# Custom Soil Resource Report for **Waseca County, Minnesota**



September 28, 2021



Custom Soil Resource Report  
Soil Map






# Custom Soil Resource Report

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)


### Soils


 Soil Map Unit Polygons


 Soil Map Unit Lines


 Soil Map Unit Points


### Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water


 Perennial Water

 Rock Outcrop


 Saline Spot


 Sandy Spot

 Severely Eroded Spot


 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot


 Other

 Special Line Features

### Water Features

 Streams and Canals

### Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

### Background

 Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

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:

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: Waseca County, Minnesota

Survey Area Data: Version 15, Jun 5, 2020

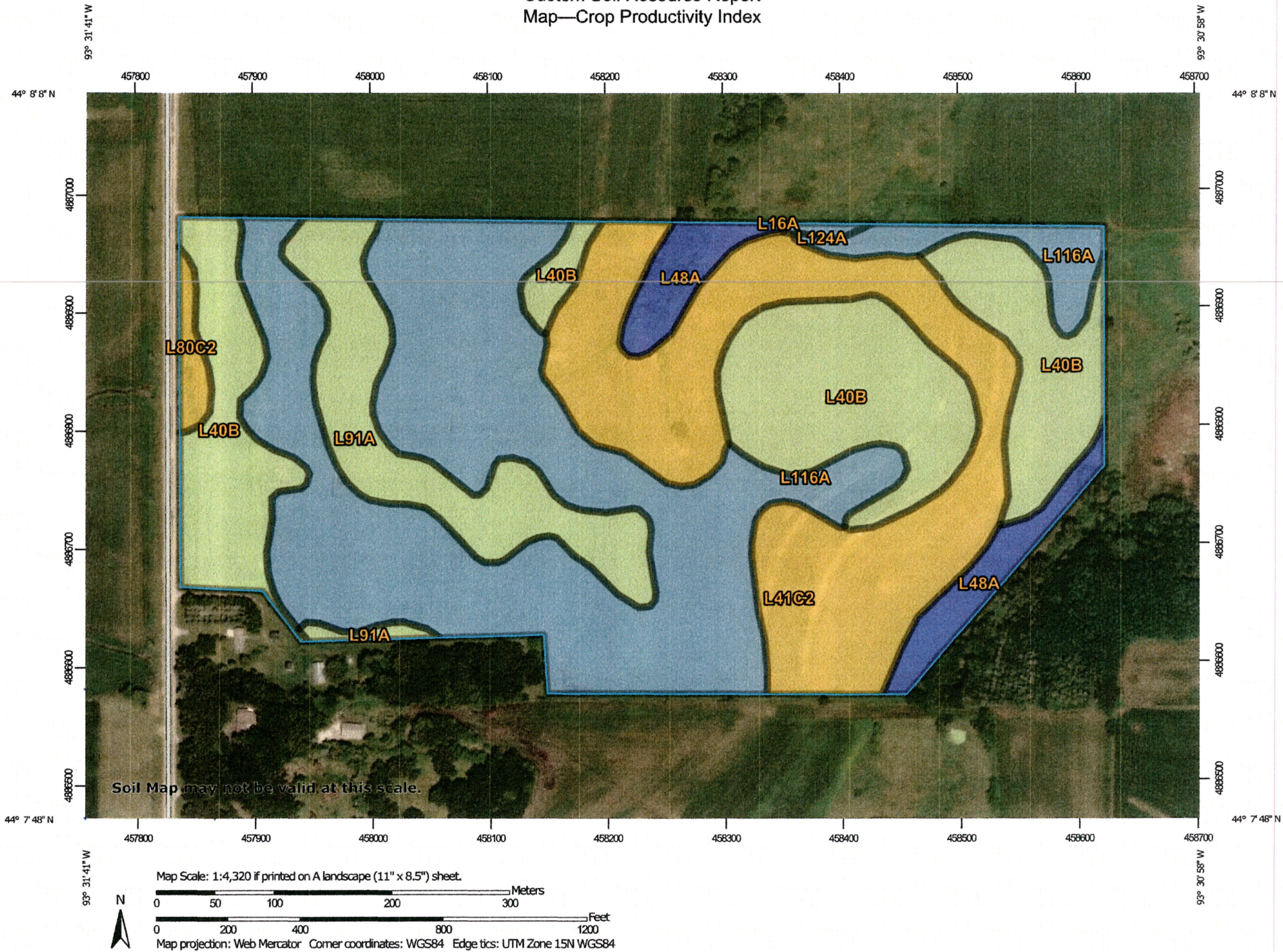
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 5, 2013—Sep 19, 2017

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.




Custom Soil Resource Report  
Map—Crop Productivity Index











## MAP LEGEND

### Area of Interest (AOI)






 Area of Interest (AOI)

### Soils





#### Soil Rating Polygons

-   $\leq 5$
-   $> 5$  and  $\leq 79$
-   $> 79$  and  $\leq 83$
-   $> 83$  and  $\leq 88$
-   $> 88$  and  $\leq 92$
-  Not rated or not available


#### Soil Rating Lines

-   $\leq 5$
-   $> 5$  and  $\leq 79$
-   $> 79$  and  $\leq 83$
-   $> 83$  and  $\leq 88$
-   $> 88$  and  $\leq 92$
-  Not rated or not available



#### Soil Rating Points

-   $\leq 5$
-   $> 5$  and  $\leq 79$
-   $> 79$  and  $\leq 83$
-   $> 83$  and  $\leq 88$
-   $> 88$  and  $\leq 92$
-  Not rated or not available

### Water Features

 Streams and Canals

### Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

### Background

 Aerial Photography

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**Table—Crop Productivity Index**

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
L16A	Muskego, Blue Earth, and Houghton soils, ponded, 0 to 1 percent slopes	5	0.0	0.0%
L40B	Angus-Kilkenny complex, 2 to 6 percent slopes	83	16.7	24.1%
L41C2	Lester-Kilkenny complex, 6 to 10 percent slopes, moderately eroded	79	15.3	22.1%
L48A	Derrynane, overwash-Derrynane complex, 1 to 4 percent slopes	92	3.4	4.8%
L80C2	Lester loam, 6 to 10 percent slopes, moderately eroded	77	0.7	1.0%
L91A	Mazaska silty clay loam, 0 to 2 percent slopes	81	6.6	9.5%
L116A	Le Sueur-Lerdal complex, 1 to 3 percent slopes	88	26.6	38.3%
L124A	Glencoe mucky clay loam, depressional, 0 to 1 percent slopes	87	0.2	0.2%
<b>Totals for Area of Interest</b>			<b>69.4</b>	<b>100.0%</b>

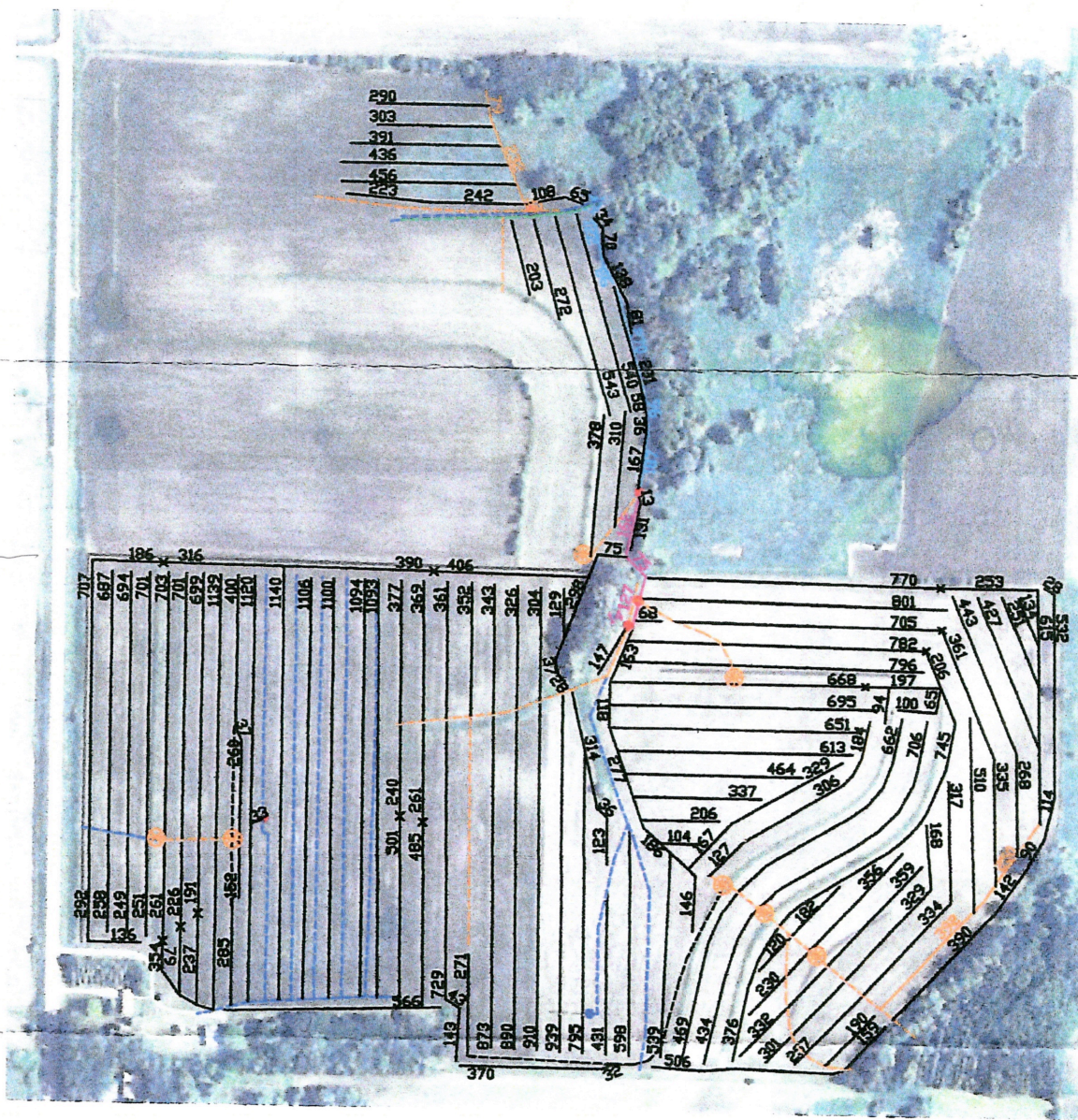
**Rating Options—Crop Productivity Index***Aggregation Method: Weighted Average**Component Percent Cutoff: None Specified**Tie-break Rule: Higher**Interpret Nulls as Zero: Yes*



## Crop Productivity Index

Soil Type	Acres	CPI	
L40B	16.7	83	1386.1
L41C2	15.3	79	1208.7
L48A	3.4	92	312.8
L80C2	0.7	77	53.9
L91A	6.6	81	534.6
L116A	26.6	88	2340.8
L124A	0.2	87	17.4
	69.5	5854.3	Total = 84.2



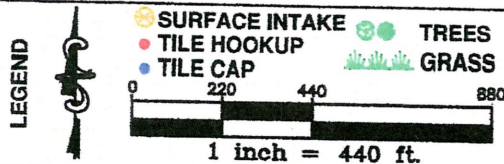


**Dahle Enterprises**  
of Morristown, LLC.  
507-685-2148

STAKING BY:



507-475-1076



EXISTING TILE ---  
WATERWAYS ---  
PROPERTY LINE ---  
TELEPHONE ---  
ELECTRIC ---  
GAS ---

**FINAL**

RENTER: Robert Christianson  
OWNER #2 NORTH 80: Delores Jackson  
SECTION: 30 TOWNSHIP: Blooming Grove  
COUNTY: Waseca STATE: MN  
SPACINGS: 60 FT DATE: 09/23/2014  
DRAWN BY: Donald Johnson

MATERIALS	ROBERT CAHILL	DELORES JACKSON
	53,659 LF 4" Tile	5,779 LF 4" Tile
	643 LF 5" Tile	343 LF 5" Tile
	379 LF 10" NP Tile	GROUP MAIN
		816 LF 12" NP Tile