The characteristic landform pattern is undulating outwash plain. Soils are well drained silty, loamy, and sandy soils over acid gravelly sandy outwash. Common habitat types include ??.

### Geomorphology
- **Process**: Glacial Meltwater Deposition
- **Topography**: Undulating
- **Surface**: Outwash Plain

### Soil Information
**Soil Associations**
Burkhardt-Dakota-Sattre-Pillot-Plainfield, Whalen-Amery-Rockton

**Soil Description**
Excessively drained and well drained sandy, loamy, and silty soils with a sandy loam, silt loam, or sand surface over non-calcareous sand or gravelly sand outwash, some over sandstone or dolomite bedrock.

**Surface Textures**
- SL-SIL-S: Sandy-Loamy-Silty

**Parent Material**
Outwash

### Kotar's Habitat
- **Habitat 1**
- **Habitat 2**
- **Habitat 3**
- **Habitat 4**
- **Habitat 5**
- **Habitat 6**

*Listed in order of probability occurrence, with each having an occurrence of 10% or greater

### Wiscland Land Cover

<table>
<thead>
<tr>
<th>Cover Type Class</th>
<th>Acres</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Land</td>
<td>41405</td>
<td>38</td>
</tr>
<tr>
<td>Bare Land</td>
<td>619</td>
<td>1</td>
</tr>
<tr>
<td>Forested Wetland</td>
<td>2460</td>
<td>2</td>
</tr>
<tr>
<td>Grassland</td>
<td>26227</td>
<td>24</td>
</tr>
<tr>
<td>High Intensity Urban Area</td>
<td>3354</td>
<td>3</td>
</tr>
<tr>
<td>Low Intensity Urban Area</td>
<td>1299</td>
<td>1</td>
</tr>
<tr>
<td>Nonforest Wetland</td>
<td>2066</td>
<td>2</td>
</tr>
<tr>
<td>Open Water</td>
<td>7497</td>
<td>7</td>
</tr>
<tr>
<td>Upland Broad-leaved Deciduous</td>
<td>22018</td>
<td>20</td>
</tr>
<tr>
<td>Upland Coniferous Forest</td>
<td>2109</td>
<td>2</td>
</tr>
<tr>
<td>Upland Mixed Deciduous/Conifer</td>
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<td>0</td>
</tr>
</tbody>
</table>

### Finley's Presettlement Vegetation Information

<table>
<thead>
<tr>
<th>Code</th>
<th>Percent</th>
<th>Definition</th>
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</thead>
<tbody>
<tr>
<td>Hydrographic</td>
<td>3</td>
<td>Water</td>
</tr>
<tr>
<td>ABW/P</td>
<td>8</td>
<td>Aspen, White Birch, Pine</td>
</tr>
<tr>
<td>NHO</td>
<td>2</td>
<td>Sugar Maple, Basswood, Red Oak, White Oak, Black Oak</td>
</tr>
<tr>
<td>OE</td>
<td>12</td>
<td>Oak - Black, White, and Burr Oak</td>
</tr>
<tr>
<td>OS</td>
<td>24</td>
<td>Oak Openings - Bur, White, Black Oak</td>
</tr>
<tr>
<td>GG</td>
<td>41</td>
<td>Prairie</td>
</tr>
<tr>
<td>UB</td>
<td>6</td>
<td>Brush</td>
</tr>
</tbody>
</table>

### Hydrology

<table>
<thead>
<tr>
<th>Perennial Streams</th>
<th>Intermittent Streams</th>
<th>Open Water</th>
<th>Marsh Acres</th>
<th>Depth to Aquifer</th>
<th>Surface Drainage</th>
</tr>
</thead>
<tbody>
<tr>
<td>122 Miles</td>
<td>58 Miles</td>
<td>6089 Acres</td>
<td>109276 Acres</td>
<td>&gt;50' deranged</td>
<td></td>
</tr>
</tbody>
</table>