

LTA: 222Kh02NAME:
Sugar River ValleyACRES:
146689.03SQUARE MILES:
229.202**DESCRIPTION:**

Undulating valley floor with floodplains, terraces, beaches, lake plains and scattered bedrock knolls. Soils are predominantly well drained loam and silt over gravelly sandy outwash, silty alluvium, silty and clayey lacustrine, or silty loess. Common habitats

CLIMATE

| CODE | PERCENT |
|------|---------|
| 95 | 21 |
| 97 | 79 |

GEOLOGYBEDROCK TYPE DESCRIPTION
SandstoneAVERAGE DEPTH
TO BEDROCK
10050BEDROCK DEPTH
DESCRIPTION
Bedrock is greater than 100 feet from the land surface**GEOMORPHOLOGY**GEOMORPHOLOGY PROCESS TOPOGRAPHY
Glacial Meltwater, Hillslope, Lake, and Stream Deposition undulatingSURFACE
Stream Terrace and Floodplain**SOIL INFORMATION****SOIL ASSOCIATIONS**Dickenson-Marshan-Meridian-Orion-Huntsville-Colwood-Hebron, Fayetteville
Well drained, poorly drained, and moderately well drained loamy and silty soils with a fine sandy loam, silty clay loam, or silt loam surface over non-calcareous sand eolian or outwash, non-calcareous silty alluvium, or calcareous loamy/clayey lacustrineSURFACE TEXTURES
FSL-SICL-SIL-GENERAL TEXTURES
Loamy-SiltyFAMILY TEXTURES
COL-FIL/SSK-COSI-FISI-FILDRAINAGE CLASSES
WD-PD-MWDPARENT MATERIAL
Eolian-Outwash-Alluvium-Lacustrine**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

| COVER TYPE CLASS | ACRES | PERCENT |
|-------------------------------|--------|---------|
| Agricultural Land | 106989 | 73 |
| Bare Land | 405 | 0 |
| Forested Wetland | 5339 | 4 |
| Grassland | 11194 | 8 |
| High Intensity Urban Area | 895 | 1 |
| Low Intensity Urban Area | 823 | 1 |
| Nonforested Wetland | 10047 | 7 |
| Open Water | 1284 | 1 |
| Upland Broad-leaved Deciduous | 9291 | 6 |
| Upland Coniferous Forest | 329 | 0 |

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

| CODE | PERCENT | DEFINITION |
|--------------|---------|--|
| Hydrographic | 0 | Water |
| NH/O | 0 | Sugar Maple, Basswood, Red Oak, White Oak, Black Oak |
| OO | 52 | Oak - Black, White, and Burr Oak |
| OS | 1 | Oak Openings - Bur, White, Black Oak |
| GG | 21 | Prairie |
| GLS | 18 | Marsh and Sedge Meadow, Wet Prairie, lowland shrubs |

HYDROLOGY

| PERENNIAL STREAMS | INTERMITTENT STREAMS | OPEN WATER | MARSH ACRES | DEPTH TO AQUIFER | SURFACE DRAINAGE |
|-------------------|----------------------|------------|-------------|------------------|------------------|
| 259 Miles | 176 Miles | 370 Acres | 118 Acres | 0'-20' | dendritic |