

LTA: 222Kd01

NAME:
Rio Moraines

ACRES:
78819.328

SQUARE MILES:
123.155

DESCRIPTION:

The characteristic landform pattern is rolling till plain with scattered drumlins, bedrock knolls, and swamps. Soils are predominantly well drained loam over calcareous sand loam, loamy sand till, silty and sandy lacustrine, or bedrock. Common habitat

CLIMATE

CODE	PERCENT
88	26
90	1
91	73

GEOLOGY

BEDROCK TYPE DESCRIPTION
Sandstone

AVERAGE DEPTH TO BEDROCK
5005

BEDROCK DEPTH DESCRIPTION
Bedrock is between 50 feet and 5 feet of the land surface

GEOMORPHOLOGY

GEOMORPHOLOGY PROCESS
Till and Lake Deposition

TOPOGRAPHY
Rolling

SURFACE
Drumlin Moraine with Lake Plains

SOIL INFORMATION

SOIL ASSOCIATIONS

Lapeer-Grellton-Friesland-Plainfield-Okeec-Winneshiek-Houghton, Wyocena-Woodcraft-Chaska-Giselle-Dodge
 SOIL DESCRIPTION
 Well drained loamy soils with a fine sandy loam or loamy fine sand surface over calcareous sandy loam till or silty eolian, along with excessively drained sandy soils with a sand surface over non-calcareous sand outwash, well

SURFACE TEXTURES
FSL-S-LFS-MK

GENERAL TEXTURES
Loamy-Sandy-Mucky

FAMILY TEXTURES
COL-FIL-S-SP

DRAINAGE CLASSES
WD-MWD-ED-VPD

PARENT MATERIAL
Till-Eolian-Outwash-Residuum-Organic

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	45495	58
Bare Land	386	0
Forested Wetland	2262	3
Grassland	9541	12
High Intensity Urban Area	120	0
Low Intensity Urban Area	146	0
Nonforested Wetland	5659	7
Open Water	836	1
Shrubland	89	0
Upland Broad-leaved Deciduous	13087	17
Upland Coniferous Forest	440	1
Upland Mixed Deciduous/Conifer	770	1

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
Hydrographic	0	Water
OO	29	Oak - Black, White, and Burr Oak
OS	59	Oak Openings - Bur, White, Black Oak
GG	4	Prairie
UB	2	Brush
GLS	5	Marsh and Sedge Meadow, Wet Prairie, lowland shrubs

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
52 Miles	52 Miles	1021 Acres	1218 Acres	20'-50'	rectangular