

LTA: 222Kd02

NAME:
Green Lake Moraines

ACRES:
118751.55

SQUARE MILES:
185.549

DESCRIPTION:

The characteristic landform pattern is rolling till plain with scattered drumlins and swamps. Soils are predominantly well drained loam and silt over calcareous sandy loam till. Common habitat types include ATiFrCi and wetland.

CLIMATE

CODE	PERCENT
88	88
91	9
92	3

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 Deposition

TOPOGRAPHY
Rolling

SURFACE
Drumlin Moraine

SOIL INFORMATION

SOIL ASSOCIATIONS

Kidder-Grellton-Griswold-Houghton-Friesland-Ritchey, Lapeer-Okee

SOIL DESCRIPTION

Well drained and moderately well drained loamy soils with a silt loam or fine sandy loam surface over calcareous sandy loam till or silty loess, some over dolomite, along with very poorly drained nonacid organic soils.

SURFACE TEXTURES
SIL-FSL-MK

GENERAL TEXTURES
Loamy-Mucky

FAMILY TEXTURES
FIL-SP-L

DRAINAGE CLASSES
WD-MWD-VPD

PARENT MATERIAL
Till-Organic-Loess

KOTAR'S HABITAT

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
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*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	69038	58
Bare Land	1451	1
Forested Wetland	1466	1
Grassland	14580	12
High Intensity Urban Area	1666	1
Low Intensity Urban Area	599	1
Nonforested Wetland	8059	7
Open Water	7536	6
Shrubland	128	0
Upland Broad-leaved Deciduous	11972	10
Upland Coniferous Forest	588	0
Upland Mixed Deciduous/Conifer	1659	1

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
Hydrographic	5	Water
NH/O	1	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
OO	44	Oak - Black, White, and Burr Oak
OS	26	Oak Openings - Bur, White, Black Oak
GG	13	Prairie
GLS	6	Marsh and Sedge Meadow, Wet Prairie, lowland shrubs

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
70 Miles	81 Miles	7280 Acres	1440 Acres	20'-50'	rectangular