

**LTA: 222Ke06**

**NAME:**  
Millhome Moraines

**ACRES:**  
73146.75

**SQUARE MILES:**  
114.292

**DESCRIPTION:**

The characteristic landform pattern is rolling hummocky moraine. Soils are predominantly well drained loam over calcareous sandy loam till, gravelly sandy outwash, or loamy lacustrine. Common habitat types include AFRDe(Vb), AFRDe, AFRDeO, and wetland.

**CLIMATE**

CODE	PERCENT
86	3
88	0
92	96

**GEOLOGY**

**BEDROCK TYPE DESCRIPTION**  
Carbonates

**AVERAGE DEPTH TO BEDROCK**  
10000

**BEDROCK DEPTH DESCRIPTION**  
Bedrock is between 100 feet and 50 feet of the land surface

**GEOMORPHOLOGY**

**GEOMORPHOLOGY PROCESS**  
Till and Glacial Meltwater Deposition

**TOPOGRAPHY**  
Rolling

**SURFACE**  
Kame Moraine

**SOIL INFORMATION**

**SOIL ASSOCIATIONS**

Hochheim-Lamartine-Lutzke-Zurich-Houghton, Nichols-Wasepi, Mundelein-Higgins, Waukegan, and Waukegan, moderately well drained, and somewhat poorly drained loamy and silty soils with a silt loam or sandy loam surface over calcareous loam till, extremely gravelly sand outwash, or loamy lacustrine, along with very poorly drained nonacid organi

**SURFACE TEXTURES**  
SIL-SL-MK

**GENERAL TEXTURES**  
Loamy-Silty-LoamySkeletal-Mucky

**FAMILY TEXTURES**  
FIL-FISI-LSK-SP

**DRAINAGE CLASSES**  
WD-MWD-SPD-VPD

**PARENT MATERIAL**  
Till-Outwash-Lacustrine-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	39415	54
Bare Land	860	1
Cloud Cover	29	0
Forested Wetland	6070	8
Grassland	6852	9
High Intensity Urban Area	398	1
Low Intensity Urban Area	441	1
Nonforested Wetland	5547	8
Open Water	721	1
Shrubland	346	0
Upland Broad-leaved Deciduous	11861	16
Upland Coniferous Forest	605	1

**FINLEY'S PRESETTLEMENT VEGETATION INFORMATION**

CODE	PERCENT	DEFINITION
Hydrographic	0	Water
BE/O	79	Beech, Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
NH/O	9	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
OO	1	Oak - Black, White, and Burr Oak
OS	1	Oak Openings - Bur, White, Black Oak
SC	7	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock
LH	0	Lowland Hardwoods - Willow, Soft Maple, Box Elder, Ash, Elm, Cotton Wood, River Birch

**HYDROLOGY**

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
43 Miles	31 Miles	933 Acres	5425 Acres	20'-50'	rectangular