

LTA: 212Xf06NAME:
Smokey Hill Basalt RidgeACRES:
35377.785SQUARE MILES:
55.278**DESCRIPTION:**

The characteristic landform pattern is hilly bedrock-controlled moraine. Soils are predominantly well drained sandy loam over acid loamy sand till or igneous/metamorphic bedrock. Common habitat types include ATM, forested lowland, AVVb, and hydromesic.

CLIMATE

CODE	PERCENT
15	49
19	5
23	45
30	0

GEOLOGYBEDROCK TYPE DESCRIPTION
Igneous, Metamorphic, and Volcanic RockAVERAGE DEPTH
TO BEDROCK
5005BEDROCK DEPTH
DESCRIPTION
Bedrock is between 50 feet and 5 feet of the land surface**GEOMORPHOLOGY**GEOMORPHOLOGY PROCESS
Till DepositionTOPOGRAPHY
HillySURFACE
Bedrock Controlled Moraine**SOIL INFORMATION**SOIL ASSOCIATIONS
Sarona-Sarwet-Metonga-LuptonSOIL DESCRIPTION
Well drained and moderately well drained loamy soils with a sandy loam surface over non-calcareous loamy sand till and over igneous/metamorphic bedrock, along with very poorly drained nonacid organic soils.SURFACE TEXTURES
SL-MKGENERAL TEXTURES
Loamy-MuckyFAMILY TEXTURES
COL-SPDRAINAGE CLASSES
WD-MWD-VPDPARENT MATERIAL
Till-Organic**KOTAR'S HABITAT**

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
ATM	Lowland	AVVb	Hydromesic		

*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	90	0
Bare Land	12	0
Forested Wetland	3926	11
Grassland	765	2
Nonforested Wetland	2497	7
Open Water	193	1
Shrubland	1	0
Upland Broad-leaved Deciduous	27035	76
Upland Coniferous Forest	645	2
Upland Mixed Deciduous/Conifer	207	1

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
BF	1	White Spruce, Balasam Fir, Tamarack, White Cedar, White Birch, Aspen
HH/P	44	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
NH/P	17	Sugar Maple, Yellow Birch, White Pine, Red Pine
PW/PR	17	White Pine, Red Pine
PJ/OX	1	Jack Pine, Scrub Oak and Barrens
ABW/P	1	Aspen, White Birch, Pine
NH/O	1	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
UB	2	Brush
SC	15	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
47 Miles	4 Miles	29 Acres	566 Acres	0'-20'	rectangular