MISTIK MANAGEMENT LTD.

OPERATING AREA MAP

EATON LAKE
MANAGEMENT UNIT 20 - OPERATING AREA 002
YEAR 1 (2023) - YEARS 2-5 (2024 - 2027)

FOREST LABEL REFERENCE

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Example SFVI Call:

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109 -
50 - 22 - tA6w54 - P5 - 1921a
   22 - 12 - w510 - P1 - 1940d
   10 - 7 - bF10 - P3 - 1950c
   9D - TrBLs4
   30 - Hc4Gt7Ao2
VI (CO - 1 - 1978a) (SI - 1 - 1980a)
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- Stand Number
- Tree Layer 1
- Tree Layer 2
- Tree Layer 3
- Shrub Layer
- Herb Layer
- Disturbance Modifier 2
- Disturbance Modifier 1
- Misc
- Moisture Regime

Crown Closure
100% - ground cover per layer

Height
Average stand height, in meters, per layer

Tree Species Composition
Species Code - Species Percent (in 10% classes)
Up to 10 species in the tree layer

Species Codes:

bF	Balsam Fir	gA	Green Ash
bP	Balsam Poplar	mA	Manitoba Maple
tL	Tamarack	wB	White Birch
jP	Jack Pine	aC	Plains Cottonwood
cP	Lodgepole Pine	bO	Bur Oak
rP	Red Pine	mM	Mountain Maple
wP	Scots Pine	bO	Bur Oak
sB	Black Spruce	BP	Balsam Poplar
wS	White Spruce		

Canopy Pattern

Codes:

- P1 Single Storey - canopy < 25% Crown Closure
- P2 Two Storey or More/Minimal Overstorey Trees
- P3 Tree (2.5 Factors of Density)
- P4 Low Crown Closure - Patches of Trees
- P5 Continuous canopy - openings common, > 60% Crown Closure
- P6 Continuous canopy - few openings < 40% Crown Closure

Origin and Disturbance Year

- 1 - 1900 - Known to the nearest year, last two digit number are dropped as 1996 would appear as 96 and 2000 as 00
- 2 - circa - Known to the nearest year from a source
- 3 - Unknown - Unknown decade of origin

Moisture Regime

Codes:

VD	Very Dry	W	Moist
D	Dry	VW	Very Moist
SF	Moderately Fresh	VVW	Very Very Wet
F	Fresh	U	Wet
VF	Very Fresh	W	Wet, Wet
MW	Moderately Moist	A	Aquatic

Hydrological Features

Codes:

L	Lake	R	River
F	Flooded Land		

Non-Vegetated Landuse

Codes:

bupp	Built-up: Settlement	mg	Mine: Gravel/unknown
buin	Built-up: Industrial Site	mo	Mine: Oil Sands Gravel
cemy	Cemetery	mpc	Mine: Peat Cutting
rmcp	Campground:Rec. Site	rwy	Runway
rsrt	Ski Resort	wdmp	Waste: Open/Dump
gsw	Gas & Oil Facilities	trmx	Tower: Generic/unknown
lmby	Lumber Yard	vegx	Vegetation, Agriculture

Shrub Species Composition
Species Code - Species Percent (in 10% classes)
Up to 10 species in the shrub layer

Species Codes:

Sx	Tall Shrubs Category	Mx	Mountain Maple
Al	Alder	Pc	Pin Cherry
Gr	Green Alder	Ch	Chokecherry
Dr	High-bush Cranberry	Wb	Willow
Lx	Low Shrubs Category	Ow	Red-osier Dogwood
Bb	Blueberry	Lo	Labrador Tea
Cr	Cranberry	Le	Leatherleaf
Bi	Bog Birch	Le	Leatherleaf
Bl	Bog Laurel	Ra	Wild Red Raspberry
Sg	Sweet Gale	Ro	Prickly Rose
Sh	Shrubby Cinquefoil	Sa	Western Snowberry
Bd	Bur Oak		

Herb Species Composition
Species Code - Species Percent (in 10% classes)
Up to 10 herb species in the herb layer

Species Codes:

Hx	Herbs Category	Nc	Northern Comandra
Bu	Bunchberry	Ns	Naked Miterwort
Fe	Ferns and Allies	Sc	Starflower
		Sr	Strawberry
Gr	Grasses Category	Sz	Sedges, Rushes, Reeds
Fe	Feathermosses	Sm	Sphagnum Mosses
	Lichens		

Aquatic Vegetation Composition
Species Code - Species Percent (in 10% classes)
Up to 10 aquatic vegetation types in the aquatic layer

Species Codes:

Ax	Aquatic Vegetation	Af	Floating Vegetation
Ag	Aquatic Vegetation	As	Submergent Vegetation

Disturbance Type

Codes:

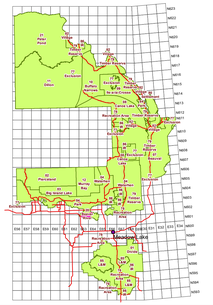
AB	Animal Kill	HA	Hail
BU	Burnover	IN	Insect
CL	Cleaning	FL	Overland Flood
CL	Clearing	LO	Seasonal Flood
CW	Abandoned Well	SL	Agriculture
DR	Drainage	SL	Slump
GR	Grazing	WI	Windthrow

Disturbance Extent
(points refer to % loss of crown closure or % land area affected)

Codes:

Code	Extent (% per hectare):	Snag Density (#/ha):
1	Light - 1 - 30% loss	1 - 99
2	Moderate - 31 - 60% loss	100 - 299
3	Heavy - 61 - 79% loss	300 - 499
4	Severe - 80 - 99% loss	500 - 699
5	Entire - 99% loss	> 700

INDEX MAP



PLANIMETRIC LEGEND

Symbol Reference
- Brushland
- Meadow
- Clear Rock
- OP Open Land
- Sand
- SB Scrub
- C. Clearing
- Treed Muskeg
- Fen, Bog, Muskeg
- Treed Rock
- Residential Site
- Mileage

Boundaries
- FMA
- Exclusions
- District
- MUs
- Operating Areas

UTM Lines
- 10 Km
- 1 Km
- 100 m

Lakes / Streams
- Lake
- Flooded Land
- Aquatic Regime
- River
- Perennial
- Intermittent
- Indefinite

Stakeholder Commitment
- Stakeholder Commitment Point
- Stakeholder Commitment Line
- Stakeholder Commitment Polygon

Blocks
- Planned Block (Year 1)
- Planned Block (Year 2-5)
- Harvested Block

Year 1 Blocks = Y1
Years 2-5 Blocks = Y2-5

Roads and Trails (Existing)
- Paved Highway
- Gravel Highway
- Class 1 (FRR) Maintenance
- Class 2 (IBR) Maintenance
- Class 3 (Bush Road) Maintenance
- Class 4 (Bush Road) Maintenance
- Non-Mistik (public use) Maintenance
- Oil / Gas Road Maintenance
- 3rd Party Block Road Maintenance
- Seismic Line
- Trail
- Pipeline
- Railway Line
- Transmission Line

Proposed Roads (Year 1)
- Class 1 (FRR)
- Class 2 (IBR)
- Class 3 (Bush Road)
- Class 4 (Bush Road)

Proposed Roads (Years 2+)
- Class 1 (FRR)
- Class 2 (IBR)
- Class 3 (Bush Road)
- Class 4 (Bush Road)

Road Reclaim Status
- Planted Road
- Completed Road Reclaim
- Planned Reclaim (Year 1 and Older)
- Planned Reclaim Future (Year 2 to 5)

Merchantable Stands
- H 18+
- HS 18+
- S 18+ Pine
- SH 15+ mixed Pine dom
- S 15-17 Pine
- S 18+ other softwood
- SH 15+ mixed other softwood
- S 15-17 other softwood

Crossings / Road Closures / POI (Existing)
- Berm / Maintenance
- Gate / Maintenance
- Other / Maintenance
- Bridge / Maintenance
- R Reclaimed Bridge
- M Brushmat / Maintenance
- R Reclaimed Brushmat
- Culvert / Maintenance
- R Reclaimed Culvert
- Highway Approach / Maintenance
- Icebridge / Maintenance
- RI Reclaimed Icebridge

Proposed Crossings / Road Closures / POI (Year 1)
- Berm / Maintenance
- Gate / Maintenance
- Other / Maintenance
- Bridge / Maintenance
- M Brushmat / Maintenance
- Culvert / Maintenance
- Highway Approach / Maintenance
- Icebridge / Maintenance

Proposed Crossings / Road Closures / POI (Years 2-5)
- Berm / Maintenance
- Gate / Maintenance
- Other / Maintenance
- Bridge / Maintenance
- M Brushmat / Maintenance
- Culvert / Maintenance
- Highway Approach / Maintenance
- Icebridge / Maintenance

Proposed Research and Other Projects

Insect and Disease Management Areas

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