MISTIK MANAGEMENT LTD.

OPERATING AREA MAP

TATUKOSE LAKE
MANAGEMENT UNIT 02 - OPERATING AREA 014
YEAR 1 (2023) - YEARS 2-5 (2024 - 2027)

FOREST LABEL REFERENCE

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Example SFVI Call:

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                    109 -                          Stand Number
   50 - 22 - tA5w5t4 - P5 - 1921s -                Tree Layer 1
      22 - 12 - w510 - P1 - 1940d -                 Tree Layer 2
      10 - 7 - bF10 - P3 - 1950c -                  Tree Layer 3
                    RD - TsEL45                     Shrub Layer
                    30 - Hc4Gt3Fa3                  Herb Layer
   VF (CC - 3 - 1978) (SI - 1 - 1980s)              Disturbance Modifier 2
                                                    Disturbance Modifier 1
                                                    Management Regime
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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	P	Balsam Fir	gA	D	Green Ash
Cw	P	Eastern White Cedar	mA	D	Manitoba Maple
L	P	Tamarack	wB	M	White Birch
jP	P	Jack Pine	pC	P	Plains Cottonwood
sP	P	Scots/Red Pine	aC	P	Laurel Leaf
rP	P	Red Pine	mM	P	Manitoba Maple
wP	P	Swiss Pine	bO	D	Bur Oak
eP	P	Eastern White	pB	D	Balsam Poplar
wS	S	White Spruce			

Canopy Pattern

Codes:

F1	Single Storey - canopy > 25% Crown Closure
F2	Two Storey - Upper Storey/Minimal Understorey Stems
F3	Tree (2.0) Patches of Shrubs/Herbs
F4	Tree (2.0) Patches of Shrubs or Grass
F5	Continuous canopy - openings common, > 60% Crown Closure
F6	Continuous canopy - openings rare, > 60% Crown Closure

Origin or Disturbance Year
Year of origin or disturbance. If the last number are dropped as 1990 would appear as 99, and 2000 as 00
'A' denotes - Known to the nearest year from a source
'P' denotes - Photo interpretation estimate of origin

Moisture Regime

Codes:

VD	Very Dry	W	Moist
D	Dry	VW	Very Moist
SF	Moderately Fresh	WW	Moderately Wet
F	Fresh	W	Wet
VF	Very Fresh	WA	Very Wet
M	Moderately Moist	A	Aquatic

Hydrological Features

Codes:

L	Lake	R	River
I	Flooded Land		

Non-Vegetated Landuse

Codes:

bupg	Built-up: Settlement	mg	Mine: Gravel/Limestone
bupi	Built-up: Industrial Site	mo	Mine: Oil Field/Oil Sand
cmtry	Cemetery	mpit	Mine: Peat Cutting
cmun	Campground:Rec. Site	resp	Runway
gsd	Gas & Oil Facilities	rsdp	Residential Sport/Dump
gsd	Gas & Oil Facilities	rtrp	Transp: Electric/Unknown
lmby	Lumber Yard	vegp	Vegetation, Agriculture

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

Species Codes:

Sh	Tall Shrubs Category	Mv	Mountain Maple
	Alder	Pc	Pin Cherry
	Beaked Hazel	Sv	Saskatoon Berry
Cr	High-bush Cranberry	Wi	Willow
Lo	Low Shrubs Category	Ow	Red-osier Dogwood
Bb	Blueberry	Le	Labrador Tea
Bi	Bog Birch	Ls	Swamp Gooseberry
Bl	Bog Birch	Lt	Leatherleaf
Bl	Bog Laurel	Rs	Wild Red Raspberry
Cl	Creeping Snowberry	Rt	Prickly Rose
Sn	Smaller Dogwood	sW	Western Snowberry
Wi	Bur Oak		

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

Species Codes:

He	Herbs Category	Nc	Northern Comandra
Bu	Bunchberry	Ns	Naked Miterwort
Cl	Clubmoss and Cutaclum	Sa	Sarsaparilla
Fe	Ferns and Allies	Sr	Strawberry
Gr	Grasses Category	Sc	Sedges, Rushes, Reeds
	Fescue/Hairy/Awnless	Sp	Sphagnum Mosses
	Oryzopsis		

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

Species Codes:

Pa	Aquatic Vegetation	Af	Floating Vegetation
	Pondweeds	As	Submergent Vegetation

Disturbance Type

Codes:

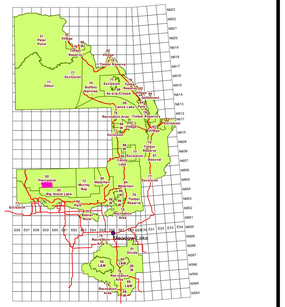
AB	Animal B/F	HA	Hail
BU	Burn/ed	IN	Insect
CL	Cleared	FL	Flooded/Ground
CL	Clearing	SF	Seasonal Flood
CU	Cultivated	SL	Slump
CW	Abandoned Well	SL	Slump
FI	Fire	WB	Windblow
GR	Grazing	WI	Windthrow

Disturbance Extent
Extents refer to % tree of crown closure or % land area affected

Codes:

Code	Extent (% per hectare):	Snag Density (#/ha):
T	Light (< 30% total)	1 - 99
M	Moderate (30 - 59% total)	100 - 299
H	Heavy (60 - 79% total)	300 - 499
S	Severe (80 - 99% total)	500 - 699
E	Entire (~99% total)	> 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

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

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)

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

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

Proposed Research and Other Projects

Insect and Disease Management Areas

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