MISTIK MANAGEMENT LTD.

OPERATING AREA MAP

DIVIDE EAST

MANAGEMENT UNIT 85 - OPERATING AREA 003

YEAR 1 (2023) - YEARS 2-5 (2024 - 2027)

FOREST LABEL REFERENCE

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Example SIVI Call:

109 ' Stand Number
58 - 22 - \AMo54 - PS - 1972a ' Tree Layer 1
22 - 12 - wS10 - P3 - 1934a ' Tree Layer 2
10 - 7 - bF10 - P3 - 1950b ' Tree Layer 3
1 - 1 - Ho - 1900a ' Shrub Layer
35 - R4\Ec\Rm\P ' Herb Layer
VF /CC - 7 - 1978a - DI - 1 - 1980a ' Disturbance Modifier 1
' Disturbance Modifier 2
' Moisture Regime

Crown Closure
Codes: 10% ground cover per layer

Height
Average stand height, in metres, per layer

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

Species Codes:

A	Aspen	aA	Green Ash
B	Balsam Fir	aB	Manitoba Maple
C	Larch	aP	White Birch
E	Spruce	aW	White Elm
Fj	Jack Pine	bF	Balsam Fir
Pb	Lodgepole Pine	bO	Black Ash
Pr	Red Pine	bP	Balsam Poplar
Ps	Scots Pine	bR	Black Maple
Sb	Black Spruce	bT	Bur Oak
Sw	White Spruce	cT	Eastern Hophornbeam

Canopy Pattern
Codes:
- C1 Single Storey - usually > 26% Crown Closure
- C2 Two Storey - Dominant Above Lower Storey
- C3 Tree Of 26 Percent of Stems
- C4 Dominant Above Lower Storey - > 66% Crown Closure
- C5 Continuous canopy, scattering understorey
- C6 Scattered Trees - < 26% Crown Closure
- C7 Fragmented Canopy

Origin or Disturbance Year
- YYYY - Disturbance the last digit and number are dropped
- 1900 - Origin - Estimate to the nearest 10
- 1900+ - Estimate to the nearest year from a source
- 1900a - Estimate to the nearest 10

Moisture Regime
Codes:

VD	Very Dry	M	Mesic
D	Dry	VM	Very Mesic
MD	Moderately Fresh	MW	Moderately Wet
F	Fresh	W	Wet
MF	Moderately Moist	VW	Very Wet
Fm	Fresh to Moist	A	Aquatic

Hydrological Features
Codes:

I	Island	R	River
IL	Isolated Land		

Non-Vegetated Landuse
Codes:

Cmty	Built-up Settlement	Ind	Mine, Gravel Activities
Com	Built-up Commercial Site	Mil	Military Base Pit Shooting
Cult	Cultivated Land	Pit	Pit Excavation
Cmp	Campground Rec. Site	Rail	Railway
Ind	Industrial Site	Rec	Recreational Site
Mine	Gas & Oil Activities	Roads	Roads and Associated
Urb	Urban Park	Irrigation	Irrigation, Agriculture

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

Species Codes:

A	Alder	Ho	Hop
Ce	Choke Cherry	Hs	Hazelnut
Cr	Red Osier Dogwood	Ju	Juniper
Ct	Hawthorn	Lo	Honeysuckle
Dr	Beaked Hazel	Mr	Mountain Maple
Ep	Bog Laurel	Pc	Pin Cherry
Es	Bog Birch	Rb	Black Currant
Fa	Prickly Ash	Ro	Rose
Fl	Fly Honeysuckle	Sa	Willow
Lc	Low Shrubs Category	Sv	Red osier Dogwood
Lb	Labrador Tea	Vb	Low bush Cranberry
Mr	Mountain Holly	Vc	Cranberry
Rb	Bog Birch	Vt	Wild Red Raspberry
Rd	Bog Laurel	Wb	Wolf Willow
Sh	Shrubby Cinquefoil	Wi	Western Snowberry
Sf	Bur Oak		
Wb	Western Poison Ivy		

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

Species Codes:

Fe	Fern	Sc	Sarsaparilla
Hc	Herbs Category	Sr	Strawberry
Ma	Marsh Reed Grass	Ta	Twinflower
Pa	Pennsylvania Sedge	Tc	Bunchberry
Pe	Peavine	Wg	Wild Ginger
Pv	Primrose Category	Wp	Wintergreen
Sa	Sarsaparilla	Wt	Partridge Berry

Aspatial Vegetation Composition
Species Code - Species Percent (in 10% classes)
Up to three species in the aspatial layer

Species Codes:

Ir	Aquatic Vegetation	Af	Floating Vegetation
Ag	Agricultural Vegetation	Ar	Submergent Vegetation

Disturbance Type
Codes:

BB	Bedrock Bill	Hail	Hail
Bu	Burned	Ins	Insects
Cl	Clearing	Sc	Scarification
Cut	Cutblock	Sl	Slash Pile
Dis	Disturbed	Slp	Slash Pile and Burn
Drain	Drainage	Snow	Snow
Flood	Flooded	Wnd	Windthrow

Disturbance Extent
Codes: Enter % loss of known closure in % land area affected

Codes	Extent (% Lost Function)	Snag Density (# ha)
Light	1% - 25% loss	5 - 20
Moderate	26% - 50% loss	21 - 100
Heavy	51% - 75% loss	101 - 200
Severe	76% - 100% loss	201 - 500
Entire	91-99% loss	> 500

INDEX MAP

PLANIMETRIC LEGEND

Symbol Reference
- Brushland
- Meadow
- Clear Rock
- Open Land
- Sand
- Scrub
- 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
- Ioobridge / Maintenance
- Reclaimed Ioobridge

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

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

Proposed Research and Other Projects

Insect and Disease Management Areas

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0 200 400 800 1,200 Metres

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