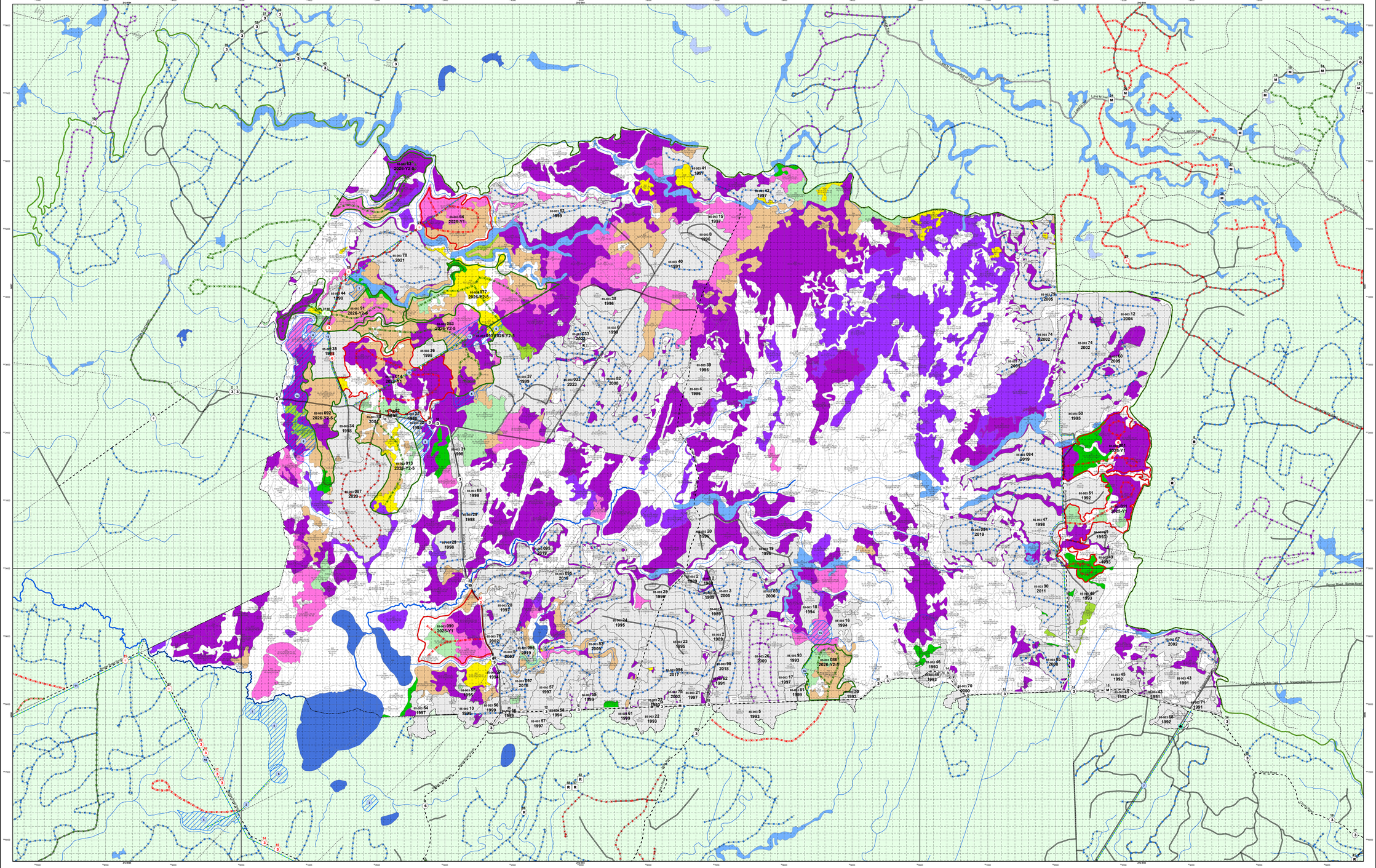


MISTIK MANAGEMENT LTD.

OPERATING AREA MAP

DIVIDE EAST

MANAGEMENT UNIT 85 - OPERATING AREA 003

YEAR 1 (2025) - YEARS 2-5 (2026 - 2029)

FOREST LABEL REFERENCE

FOREST LABEL REFERENCE

Example SFW Call:

109
58 - 22 - sAGu54 - P5 - 1997a
22 - 12 - wS10 - P1 - 1980d
10 - 7 - bF10 - P3 - 1950r
109
39 - 9 - fb50 - P1 - 1980r
VF (CO - 7 - 1970a (B) - 1980r

Stand Number	109
Tree Layer 1	58 - 22 - sAGu54 - P5 - 1997a
Tree Layer 2	22 - 12 - wS10 - P1 - 1980d
Tree Layer 3	10 - 7 - bF10 - P3 - 1950r
Tree Layer 4	109
Shrub Layer	39 - 9 - fb50 - P1 - 1980r
Disturbance Modifier 2	VF (CO - 7 - 1970a (B) - 1980r
Disturbance Modifier 1	
Moisture Regime	

Crown Closure
(%) - 10% ground cover per layer

Height
Average stand height, in meters, per layer

Tree Species Composition
Species Code - Species Percent (in 10% classes)
Group 0 trees - Species Percent

Species Codes:

A	Aspen	Ep	Green Ash
B	Balsam Fir	Ew	Eastern Hemlock
C	Cedar	Fd	Black Ash
D	Deciduous	Fm	White Ash
E	Black Spruce	Fr	Red Ash
Ja	Jack Pine	Fz	Green Ash
Jp	Jack Pine	Hm	Hawthorn Species
L	Tamarack	Ht	Hop Hornbeam
Pb	Balsam Poplar	Ir	Ironwood
Pj	Jack Pine	Mb	Manitoba Maple
Pr	Red Pine	Mh	Black Maple
Pw	White Pine	Mr	Red Maple
Sb	Black Spruce	Mt	Mountain Maple
Sw	White Spruce	Oc	Eastern Hophornbeam
Tb	Trembling Aspen	Ow	Ohio Buckeye
Tc	Balsam Poplar	Pl	Sycamore
Tl	Tamarack	Pt	Poplar Species
Tr	Red Pine	Sh	Shrub Species

Canopy Pattern
Cover
(1) Single Storey - usually > 25% Crown Closure
(2) Two or Three Storey - usually > 25% Crown Closure
(3) Free of 20 Percent of Stems
(4) Uneven-aged, Multi-storied Stand - > 60% Crown Closure
(5) Discontinuous canopy, opening canopy
(6) Open Canopy - < 25% Crown Closure
(7) Footprint/Disturbance

Origin or Disturbance Year
1930 or 1917 - Assessment for fire and pest number are dropped
1930 - Estimated origin date for old growth
0 - unknown - Known to the nearest year from a source
1930a - Assessment for fire and pest

Moisture Regime Codes:

0	Very Dry	U	Moist
1	Dry	V	Very Moist
2	Moderately Fresh	W	Moderately Wet
3	Fresh	X	Wet
4	Very Fresh	Y	Very Wet
5	Moderately Moist	Z	Aquatic
6	Moist		

Hydrological Features Codes:

1	Seepage	5	River
2	Spring		
3	Seepage Land		
4	Spring Land		

Non-Vegetated Landuse Codes:

1110	Built-up Settlement	1112	Mine: Generic/unknown
1111	Built-up Industrial Site	1113	Mine: Aspen Pit Gravel
1114	Cemetery Site	1114	Mine: Other Pit
1115	Campground/Rec. Site	1121	Railway
1116	Golf Course	1122	Road: Generic/Other
1117	Gas & Oil Facilities	1123	Road: Gravel/Dirt/Sand/Clay
1118	Lumber Yard	1124	Road: Paved/Concrete
		1125	Irrigation: Agriculture

Shrub Species Composition
Species Code - Species Percent (in 10% classes)
Group 0 shrub - Species Percent

Species Codes:

Sh	Shrub Species		
Ac	Alder	Ro	Wild Rose
Ah	Alder Hedge	Rr	Red Raspberry
Ahc	High bush Cranberry	Rs	Willow
Lc	Low Shrub Category	Ov	Red osier Dogwood
Ba	Bearberry	Pm	Pembina Cranberry
Bd	Buckthorn	Pr	Low bush Cranberry
Bg	Bog Laurel	Sa	Saskatoon
Bl	Bog Willow	Sb	Wild Red Raspberry
Bn	Bog Birch	Sc	Snowberry
Cr	Creeping Cinquefoil	Sn	Western Snowberry
Dr	Dwarf Birch	Sp	Spiraea
Gb	Gooseberry		
Hw	Honeysuckle Species		

Herb Species Composition
Species Code - Species Percent (in 10% classes)
Group 0 herb - Species in the herb layer

Species Codes:

Hc	Herb Category	Sc	Northern Comandra
Ha	Herb Layer Aquatic	Sf	Bunchberry
Ca	Calamagrostis	Sr	Sarsaparilla
Cx	Carex Species	Tr	Twinflower
Ea	Equisetum arvense	Vo	Bolgolan, Bunchberry, Resinous
Ev	Equisetum sylvaticum	Vv	Sphagnum Mosses
Fa	Fragaria virginiana		

Aspenik Vegetation Composition
Species Code - Species Percent (in 10% classes)
Group 0 aspenik - Species Percent

Species Codes:

Av	Aspenik Vegetation Category	Ar	Floating Vegetation Submergent Vegetation
Ae	Aspen Emergent		

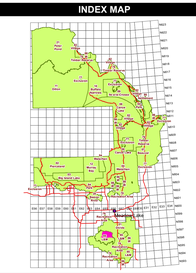
Disturbance Type
Codes:

110	Cutting	115	Hail
111	Burned Off	116	Windfall
112	Burned	117	Scarification
113	Cutting	118	Seedbed
114	Cutting	119	Seedling
120	Insect Defoliation	121	Insect Mortality
122	Insect Mortality	123	Drought
124	Weather	125	Snow
126	Flooding	127	Anthropogenic

Disturbance Assessment
Code - Percentage to % loss of crown closure or % land area affected
Codes:

0	Known (% can be known)		Snag Density (# hac)
		1	0 - 200 % hac
	Light	2	200 - 400 % hac
1	0 - 25% loss	3	400 - 600 % hac
2	25 - 50% loss	4	600 - 800 % hac
3	50 - 75% loss	5	800 - 1000 % hac
4	75 - 90% loss	6	>1000
5	Entire (> 90% loss)		

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
- M Brushmat / Maintenance
- R Reclaimed Brushmat
- F Culvert / Maintenance
- R Reclaimed Culvert
- Highway Approach / Maintenance
- I Icebridge / Maintenance
- R Reclaimed Icebridge

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

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

Proposed Research and Other Projects

Insect and Disease Management Areas

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