MISTIK MANAGEMENT LTD.

OPERATING AREA MAP

LUCKY LAKE

MANAGEMENT UNIT 04 - OPERATING AREA 021

YEAR 1 (2026) - YEARS 2-5 (2027 - 2030)

FOREST LABEL REFERENCE

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Example SFVI Call:

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                                  109          Stand Number
58 - 22 - tA6wS4 - P5 - 1921a      Tree Layer 1
22 - 12 - wS10 - P1 - 1940d        Tree Layer 2
10 - 7 - bF10 - P3 - 1950d         Tree Layer 3
60 - Te6La4                        Shrub Layer
35 - He4Gr3Fm3                     Herb Layer
VF (CO - 1 - 1978a) (SI - 1 - 1980a)   Disturbance Modifier 2
                                       Disturbance Modifier 1
                                       Moisture Regime
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Crown Closure
1 - 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 6 tree species per tree layer

Species Codes:

sF	F	Balsam Fir	gA	G	Green Ash
aL	L	Siberian Larch	tA	A	Trembling Aspen
sW	W	White Spruce	wB	B	White Birch
jP	P	Jack Pine	pC	C	Plains Cottonwood
lP	P	Lodgepole Pine	wE	E	White Elm
rP	P	Red Pine	mM	N	Manitoba Maple
sP	P	Scots Pine	bO	O	Bur Oak
bS	M	Black Spruce	bP	B	Balsam Poplar
wS	S	White Spruce			

Canopy Pattern
Codes:
- P0 Single Stems - usually <.20% Crown Closure
- P1 Single Patch of Stems/Minimal Scattered Stems
- P2 Several Patches of Stems
- P3 Several (4 or greater) Patches of Stems
- P4 Continuous canopy, openings common, >.60% Crown Closure
- P5 Continuous canopy, >.60% Crown Closure

Origin or Disturbance Year
'YYYY' or 'YY' Sometimes the first and last number are dropped so 1990 would appear as 99, and 2000 as 00
'a' - annum - Known to the nearest year from a source
'd' - decadal - Estimated decade of origin

Moisture Regime
Codes:

VD	Very Dry	M	Moist
D	Dry	VM	Very Moist
MF	Moderately Fresh	MW	Moderately Wet
F	Fresh	W	Wet
VF	Very Fresh	VW	Very Wet
MM	Moderately Moist	A	Aquatic

Hydrological Features
Codes:

L	Lake	R	River
I	Flooded Land		

Non-Vegetated Landuse
Codes:

bupg	Built-up: Settlement	mg	Mine: Generic/unknown
bupo	Built-up: Industrial Site	muno	Mine: Open Pit/Gravel
cmty	Cemetery	peatc	Peat Cutting
grrec	Golf Course/Rec. Site	pit	Pit/Quarry
ftow	Fire Tower	sdpo	Solids Depot/Dump
gasf	Gas & Oil Facilities	towu	Tower: Generic/unknown
lmby	Lumber Yard	vegu	Vegetation: Agriculture

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

Species Codes:

Ts		Tall Shrubs Category	Ma		Mountain Maple
	Al	Alder		Pc	Pin Cherry
	Bh	Beaked Hazel		Ss	Saskatoon Berry
	Cr	High-bush Cranberry		Wi	Willow
Ls		Low Shrubs Category	Dw		Red-osier Dogwood
	Bb	Blueberry		La	Labrador Tea
	Bs	Bearberry		Lc	Low-bush Cranberry
	Bt	Buffalo Berry		Le	Leatherleaf
	Bl	Bog Laurel		Ra	Wild Red Raspberry
	Bu	Buffalo Berry		Ro	Prickly Rose
	Cl	Shrubby Cinquefoil		Sn	Western Snowberry
	Cu	Currant			

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		Nm	Naked Mitrewort
	Cs	Palmate-lobed Coltsfoot		Ss	Sasaparilla
	Fe	Ferns and Allies		St	Strawberry
Gr		Grasses Category		Se	Sedges, Rushes, Reeds
	Fm	Feathermosses		Sm	Sphagnum Mosses
	Li	Lichens			

Aquatic Vegetation Composition
Species Code / Species Percent (in 10% classes)
Up to 3 aquatic vegetation types in the aquatic layer

Species Codes:

Av	Aquatic Vegetation	Af	Floating Vegetation
Ae	Emergent Vegetation	As	Submergent Vegetation

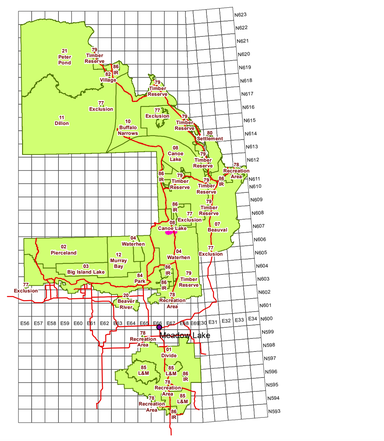
Disturbance Type
Codes:

AK	Animal Kill	HA	Hail
BR	Burnrove	IN	Insect
CB	Cutbank	SB	Sand/Gravel
CL	Clearing	SF	Seasonal Flood
CO	Cutover	SI	Silviculture
CW	Abandoned Well	SL	Slump
DI	Disease	SN	Snags
GR	Grazing	WI	Windthrow

Disturbance Extent
Extents refer to % loss of crown closure or % land area affected
Codes:

Code:	Extent (% per hectare):	Snag Density (#/ha):
1	Light (1 - 25% loss)	5 - 99
2	Moderate (26 - 50% loss)	100 - 299
3	Heavy (51 - 75% loss)	300 - 499
4	Severe (76 - 94% loss)	500 - 699
5	Entire (> 95% 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

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
- Railway Line
- Transmission Line

Pipelines
- Null
- Abandoned
- Active
- Suspended
- Unknown

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
- 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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