MISTIK MANAGEMENT LTD.

OPERATING AREA MAP

LAVALLE

MANAGEMENT UNIT 01 - OPERATING AREA 032

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
   58 - 22 - tA6w54 - P5 - 1921a                 Tree Layer 1
      22 - 12 - wS10 - P1 - 1940d                Tree Layer 2
         10 - 7 - bF10 - P3 - 1950d              Tree Layer 3
                60 - TsBl44                      Shrub Layer
             35 - Ha4Gr3Fm3                      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:

bF	F	Balsam Fir	gA	G	Green Ash
wL	L	Siberian Larch	tA	A	Trembling Aspen
tL	L	Tamarack	wB	W	White Birch
jP	P	Jack Pine	pC	C	Plains Cottonwood
lP	P	Lodgepole Pine	wE	E	White Elm
rP	P	Red Pine	miM	N	Manitoba Maple
sP	P	Scots Pine	bO	O	Bur Oak
bS	S	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 Few (2-3) 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
FL	Flooded Land		

Non-Vegetated Landuse

Codes:

bupg	Built-up: Settlement	mg	Mine: Generic/unknown
bupo	Built-up: Industrial Site	muoo	Mine: Open Pit/Gravel
cmty	Cemetary	peatc	Peat Cutting
dmgu	Campground/Rec. Site	rwgu	Runway
fitow	Fire Tower	sdgu	Solids Depot/Dump
gsof	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	Bearberry	Le		Labrador Tea
	Be	Bearberry	Lc		Low-bush Cranberry
	Bi	Bog Birch	Le		Leatherleaf
	Bl	Bog Laurel	Rs		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		Herb Category	Nc		Northern Comandra
	Bu	Bunchberry	Nm		Naked Mitrewort
	Co	Palmate-leafed Coltsfoot	Sa		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:

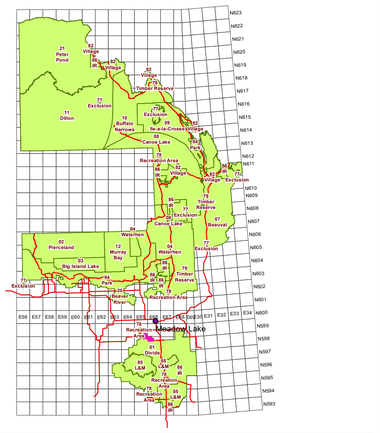
AK	Animal Kill	HA	Hail
BD	Burnover	IN	Insect
CB	Cutbank	SB	Sand/Gravel
CL	Clearing	SF	Seasonal Flood
CO	Cutover	SI	Silvaculture
CW	Abandoned Well	SL	Slide
DI	Disease	SN	Snags
GR	Grazing	WI	Windthrow

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
- 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
- R Reclaimed Bridge
- M Brushmat / Maintenance
- R Reclaimed Brushmat
- # Culvert / Maintenance
- R Reclaimed Culvert
- Highway Approach / 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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