OPERATING AREA MAP

MALLARD LAKE

MANAGEMENT UNIT 04 - OPERATING AREA 010

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

MISTIK MANAGEMENT LTD.

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SCALE: 1:15,000

0 200 400 800 1,200
Metres

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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

Crossings / Road Closures / POI (Existing)

- B — Berm / Maintenance
- G — Gate / Maintenance
- O — 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

Lakes / Streams

- Lake
- Flooded Land
- Aquatic Regime
- River
- Perennial
- Intermittent
- Indefinite

Proposed Crossings / Road Closures / POI (Year 1)

- B — Berm / Maintenance
- G — Gate / Maintenance
- O — Other / Maintenance
- Bridge / Maintenance
- M — Brushmat / Maintenance
- # — Culvert / Maintenance
- Highway Approach / Maintenance
- Icebridge / Maintenance

Proposed Crossings / Road Closures / POI (Years 2-5)

- B — Berm / Maintenance
- G — Gate / Maintenance
- O — Other / Maintenance
- Bridge / Maintenance
- M — Brushmat / Maintenance
- # — Culvert / Maintenance
- Highway Approach / Maintenance
- Icebridge / Maintenance

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
- 3rd Party Block Road Maintenance
- Seismic Line
- Trail
- Railway Line
- Transmission Line

Pipelines

- Null
- Abandoned
- Active
- Suspended
- Unknown

Stakeholder Commitment

- Stakeholder Commitment Point
- Stakeholder Commitment Line
- Stakeholder Commitment Polygon

Proposed Roads (Year 1)

- Class 1 (FRR)
- Class 2 (IBR)
- Class 3 (Bush Road)
- Class 4 (Bush Road)

Road Reclaim Status

- X X — Planted Road
- X X — Completed Road Reclaim
- X X — Planned Reclaim (Year 1 and Older)
- X X — Planned Reclaim Future (Year 2 to 5)

Proposed Roads (Years 2+)

- Class 1 (FRR)
- Class 2 (IBR)
- Class 3 (Bush Road)
- Class 4 (Bush Road)

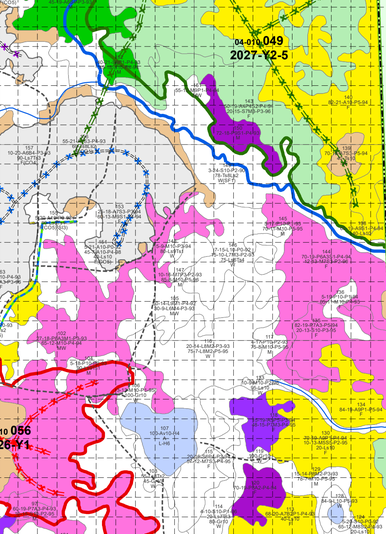
Merchantable Stands

- 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

Proposed Research and Other Projects

Insect and Disease Management Areas

INDEX MAP



FOREST LABEL REFERENCE

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Example SFVI Call:

109
58 - 22 - tA6w54 - P5 - 1921a
22 - 12 - wS10 - P1 - 1940d
10 - 7 - bF10 - P3 - 1950d
60 - Ts8Ls4
35 - He4Gr3Fm3
VF (CO - 1 - 1978a) (SI - 1 - 1980a)

Stand Number
Tree Layer 1
Tree Layer 2
Tree Layer 3
Shrub Layer
Herb Layer
Disturbance Modifier 2
Disturbance Modifier 1
Moisture Regime

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 6 tree species per tree layer

Species Codes:

bF	F	Balsam Fir	gA	G	Green Ash
tL	L	Siberian Larch	tA	A	Trembling Aspen
tS	S	Tamarack	wB	B	White Birch
wP	P	Eastern White Pine	wS	S	White Spruce
jP	P	Jackpoole Pine	wE	E	White Elm
rP	P	Red Pine	mM	M	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:

- R0 Single Stems - usually < 20% Crown Closure
- R1 Single Patch of Stems/Minimal Scattered Stems
- P2 Few (2-3) Patches of Stems
- P3 Several (4 or greater) Patches of Stems
- C1 Continuous canopy, understorey common, > 60% Crown Closure
- C2 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
bupi	Built-up: Industrial Site	muoz	Mine: Open Pit/Gravel
cmty	Cemetary	peatc	Peat Cutting
dmpg	Campground/Rec. Site	rwgo	Runway
frow	Fire Tower	sdgu	Solids Depot/Dump
gasp	Gas & Oil Facilities	trewu	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
Be	Bearberry	Lc	Low-bush Cranberry
Bi	Bog Birch	Sb	Shrubby Birch
Bl	Bog Laurel	Sw	White Meadowsweet
Bu	Buffalo Berry	Ro	Rose
Cc	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:

Hs	Herbs Category	Nc	Northern Comandra
Bu	Bunchberry	Nm	Naked Mitrewort
Co	Palmate-leafed Coltsfoot	Sa	Sasapellila
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
BO	Burnover	IN	Insect
CL	Clearing	SD	Seasonal Drought
CO	Cutover	SF	Seasonal Flood
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