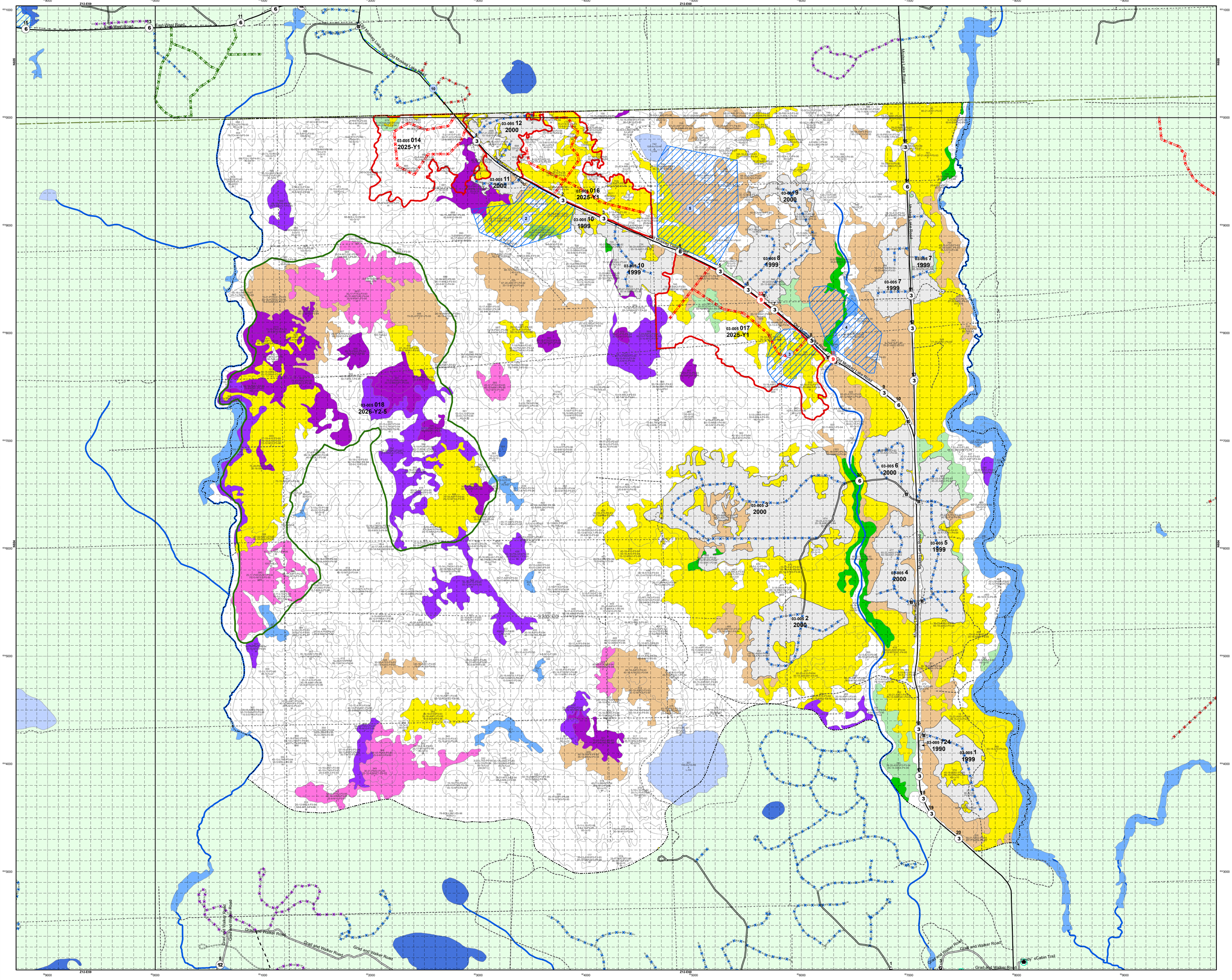

MISTIK MANAGEMENT LTD.

OPERATING AREA MAP

YAMAHA LAKE
MANAGEMENT UNIT 03 - OPERATING AREA 005
YEAR 1 (2025) - YEARS 2-5 (2026 - 2029)

Map Version: 1.00
Created for User: cliff.mclauchlan@mistik.ca
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Map Projection: NAD_1983_UTM_Zone_12N
Map File: result_map.pdf

SCALE: 1:15,000

0 200 400 800 1,200
Metres

N S E W

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silvacom™

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)
- 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

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

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)

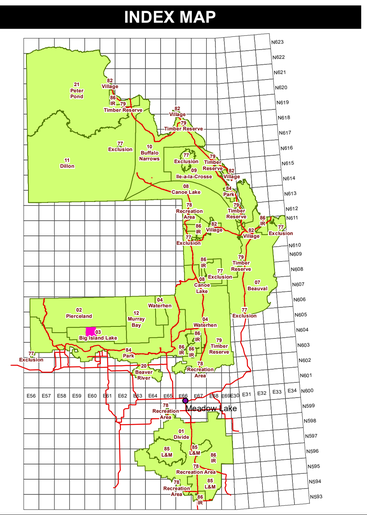
Merchantable Stands
- H 18+
- HS 18+
- S 18+ Pine
- SH 15+ mixed Pine dom
- S 15-17 Pine
- S 18+ other softwood
- SH 15+ mixed other softwood
- S 15-17 other softwood

Proposed Roads (Years 2+)
- Class 1 (FRR)
- Class 2 (IBR)
- Class 3 (Bush Road)
- Class 4 (Bush Road)

Proposed Research and Other Projects

Insect and Disease Management Areas

INDEX MAP



FOREST LABEL REFERENCE

FOREST LABEL REFERENCE

Example SFVI Call:

```
                    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 - Ts8Ls4                 Shrub Layer
              35 - He4Gr3Fm3                 Herb Layer
VF (CG - 1 - 1978a) (SI - 1 - 1980a)         Disturbance Modifier 2
                                             Disturbance Modifier 1
                                             Moisture Regime
```

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	E Balsam Fir	gA	G Green Ash
sL	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
mP	P Red Pine	bM	M Black 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 Few (1-2) Patches of Multiple 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:

bsus	Built-up: Settlement	mg	Mine: Generic/unknown
biu	Built-up: Industrial Site	mcas	Mine: Open Pit/Gravel
cmty	Cemetery	peatc	Peat Cutting
dmcp	Campground/Rec. Site	rwys	Runway
ftow	Fire Tower	sdgu	Solids Depot/Dump
gasf	Gas & Oil Facilities	towu	Tower: Generic/unknown
limby	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	Sa	Saskatoon Berry
Cr	High-bush Cranberry	Wi	Willow
Ls	Low Shrubs Category	Dw	Red-osier Dogwood
Bb	Blueberry	Le	Labrador Tea
Be	Bearberry	Lc	Low-bush Cranberry
Bi	Bog Birch	Lh	Leatherleaf
Bl	Bog Laurel	Ra	Wild Red Raspberry
Bu	Buffalo Berry	Ro	Prickly Rose
Sb	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	Mo	Naked Mitrewort
Co	Palmate-leafed Coltsfoot	Sa	Sasaparilla
Fe	Ferns and Allies	St	Strawberry
Gr	Grasses Category	Se	Sedges, Rushes, Reeds
Eq	Equisetums/Horsetails	Sm	Sphagnum Mosses

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

Species Codes:

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

Disturbance Type

AA	Animal Kill	HA	Hail
BO	Burnover	IN	Insect
CB	Cutbank	SB	Sand/Gravel
CL	Clearing	SF	Seasonal Flood
CU	Cultivation	SI	Seismic/Line
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 - 75% loss)	100 - 299
3	Severe (76 - 94% loss)	300 - 499
4	Severe (76 - 94% loss)	500 - 699
5	Entire (> 95% loss)	> 700