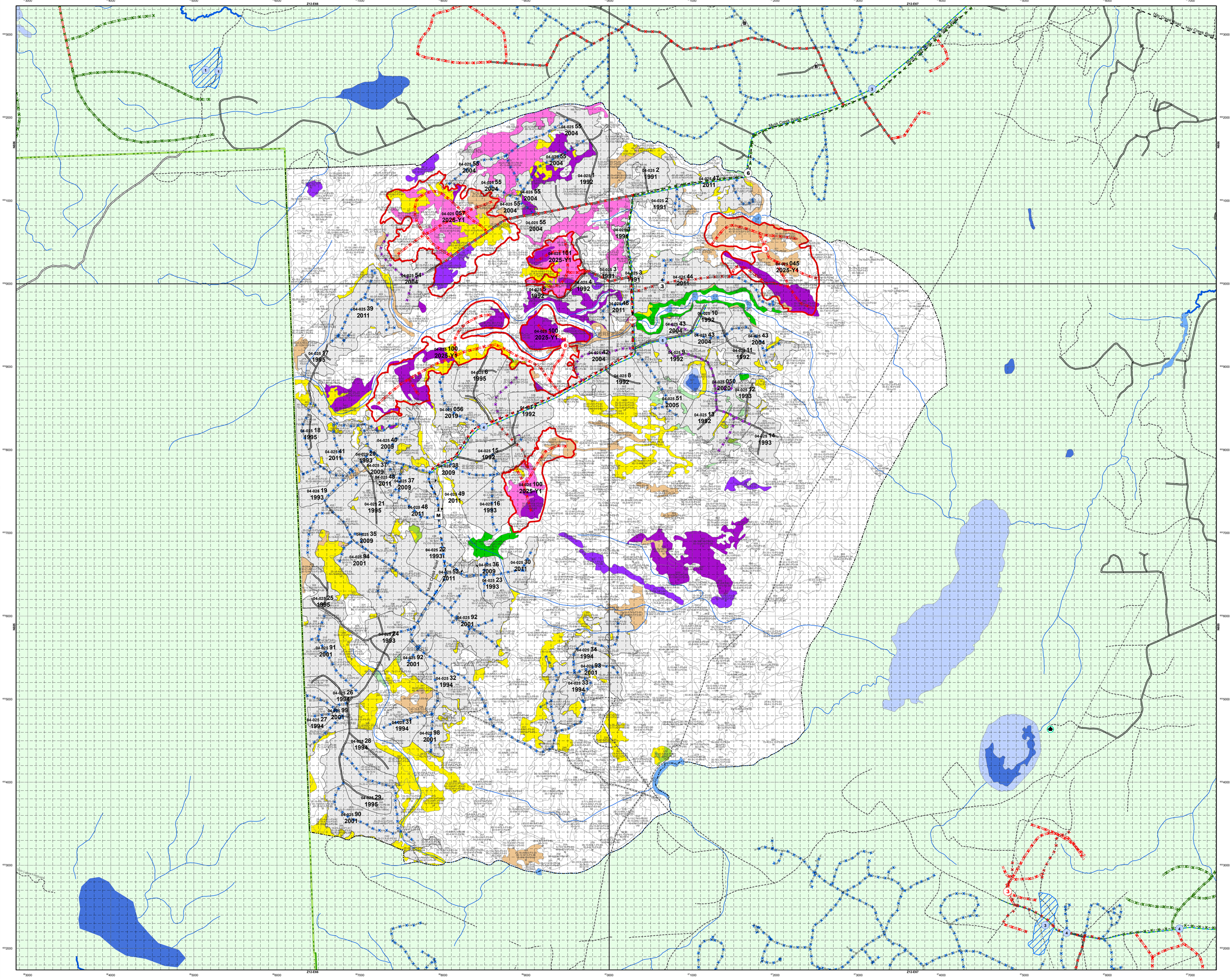

OPERATING AREA MAP

MUSK CREEK
MANAGEMENT UNIT 04 - OPERATING AREA 025
YEAR 1 (2025) - YEARS 2-5 (2026 - 2029)

Map Version: 1.00
Created for User: roger.bonneau@mistik.ca
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Created with: Silvacom Maps Online
Map Projection: NAD_1983_UTM_Zone_12N
Map File: result_map.pdf

SCALE: 1:15,000

0 200 400 800 1,200
Metres

N W E S

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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 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)

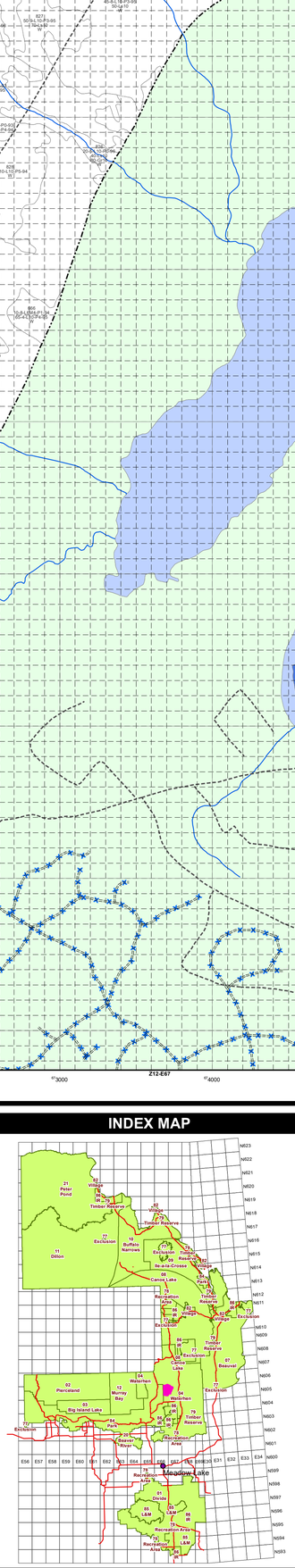
Merchantable Stands
- Sedges, Reeds
- H 18+
- HS 18+
- S 18+ Pine
- SH 15+ mixed Pine dom
- S 15-17 Pine
- S 18+ other softwood
- SH 15+ mixed other softwood
- S 15-17 other softwood

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 - Ts6Ls4 — Shrub Layer
35 - He4Gr3Fm3 — Herb Layer
VF (CO - 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	F	Balsam Fir	gA	G	Green Ash
tL	L	Tamarack	tA	A	Trembling Aspen
bS	S	Black Spruce	wB	W	White Birch
jP	P	Jack Pine	pC	C	Plains Cottonwood
lP	P	Lodgepole Pine	wE	E	White Elm
rP	P	Red Pine	mM	M	Manitoba Maple
sP	P	Scots Pine	bO	O	Bur Oak
wS	S	White 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 (2-4) 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 'Y': Sometimes the first year/last number are dropped so 1990 would appear as 99, and 2000 as 00.
'a' - annual - 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	Cemetery	peat	Peat Cutting
hfmr	Farmstead/Rec. Site	pwdr	Powder
ftow	Fire Tower	sdgs	Solids Depot/Dump
gasf	Gas & Oil Facilities	towu	Tower: Generic/unknown
imby	Lumber Yard	vegc	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	Ba	Bebb Cherry
Bh	Beaked Hazel	Sx	Willdstock Berry
Cr	High-bush Cranberry	Wi	Willow
Ls	Low Shrubs Category	Dw	Red-osier Dogwood
Bb	Blueberry	Le	Labrador Tea
Bo	Bog Birch	Lc	Low-bush Cranberry
Bi	Bog Willow	Lo	Honeysuckle
Bl	Bog Laurel	Ra	Wild Red Raspberry
Bu	Buffalo Berry	Ro	Prickly Rose
C	Shrubby Cinquefoil	Sn	Western Snowberry
Cr	Current		

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
Co	Canada Goldenrod	Ss	Sasaparilla
Fa	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:

AO	Animal Kill	HA	Hail
BO	Burnover	IN	Insect
CB	Cutbank	SS	Sand/Gravel
CL	Clearing	SF	Seasonal Flood
CO	Cutover	SI	Silviculture
DW	Abandoned Well	SL	Slump
GR	Grazing	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 (> 99% loss)	> 700