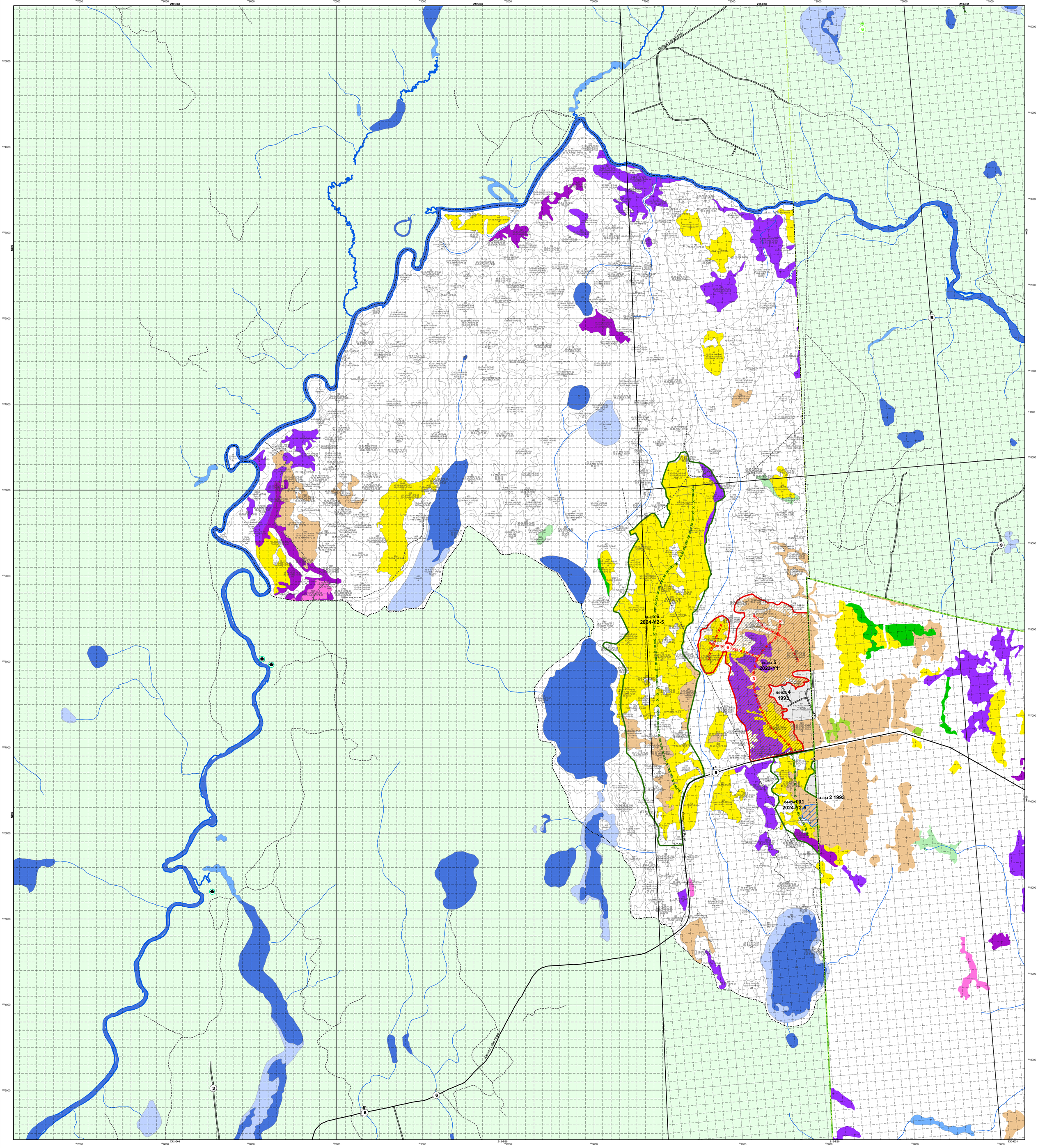

OPERATING AREA MAP

SANDY MEADOW

MANAGEMENT UNIT 04 - OPERATING AREA 034

YEAR 1 (2023) - YEARS 2-5 (2024 - 2027)

Map Version: 1.00
Created for User: joe.silva@mistik.ca
File Format: pdf
Page Size: 35x46
Date: December 20, 2022
Time: 10:44AM
Created with: Silvacom Maps Online
Map Projection: NAD_1983_UTM_Zone_12N
Map File: result_map.pdf

COPYRIGHT © 2022 MISTIK MANAGEMENT LIMITED. ANY USE, DUPLICATION OR DISTRIBUTION WITHOUT PERMISSION IS PROHIBITED.

THIS MAP WAS DEVELOPED USING AVAILABLE INFORMATION AND MAY NOT ACCURATELY REPRESENT THE LOCATION, DEFINITION OR DISTRIBUTION OF LAND BASE FEATURES.

SCALE: 1:15,000

0 200 400 800 1,200
Metres

N W E S

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)

- 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 (Year 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 - 1950f — Tree Layer 3
60 - Ts6Ls4 — Shrub Layer
35 - Hc40r25m3 — 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 species in the tree layer
Species Codes:

bF	B	Balsam Fir	gA	G	Green Ash
lL	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	Mixed Pine	bM	B	Manitoba Maple
sP	P	Scots Pine	bO	B	Burr Oak
bS	M	Black Spruce	bP	B	Balsam Poplar
wS	S	White Spruce			

Canopy Pattern
Codes:
- P1 Single Stems - usually < 20% Crown Closure
- P2 Single Pack of Stems/Minimal Scattered Stems
- P3 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 'Y': 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
ind	Industrial/Industrial Site	mgr	Mine: Gravel Pit/Gravel
cemy	Cemetery	pasture	Pipe Curving
rmpg	Campground/Rec. Site	rwgu	Runway
ftow	Fire Tower	sdgu	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 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		Bog Birch	Ho		Honeysuckle
Be		Bearberry	Lc		Low-bush Cranberry
Bl		Bog Birch	Le		Leatherleaf
Bl		Bog Laurel	Ra		Wild Red Raspberry
Bu		Buffalo Berry	Ro		Prickly Rose
Cl		Shrubby Cinquefoil	Sn		Western Snowberry
Cr		Cranberry	bO	G	Bog Birch
Gr		Grasses Category	bP	E	Balsam Poplar

Herb Species Composition
Species Code / Species Percent (in 10% classes)
10 to 10 herb species in the herb layer
Species Codes:

He		Herbs Category	Nc	Northern Comandra
Bu		Bunchberry	No	Naked Mitrewort
Cx		Common Reed Cotsfoot	Sm	Sarsaparilla
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
CB	Cutbank	SB	Sand/Gravel
CL	Clearing	SF	Seasonal Flood
CO	Cutover	SI	Silviculture
DE	Deposited 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	Heavy (51 - 75% loss)	300 - 499
4	Severe (76 - 94% loss)	500 - 699
5	Entire (> 95% loss)	> 700