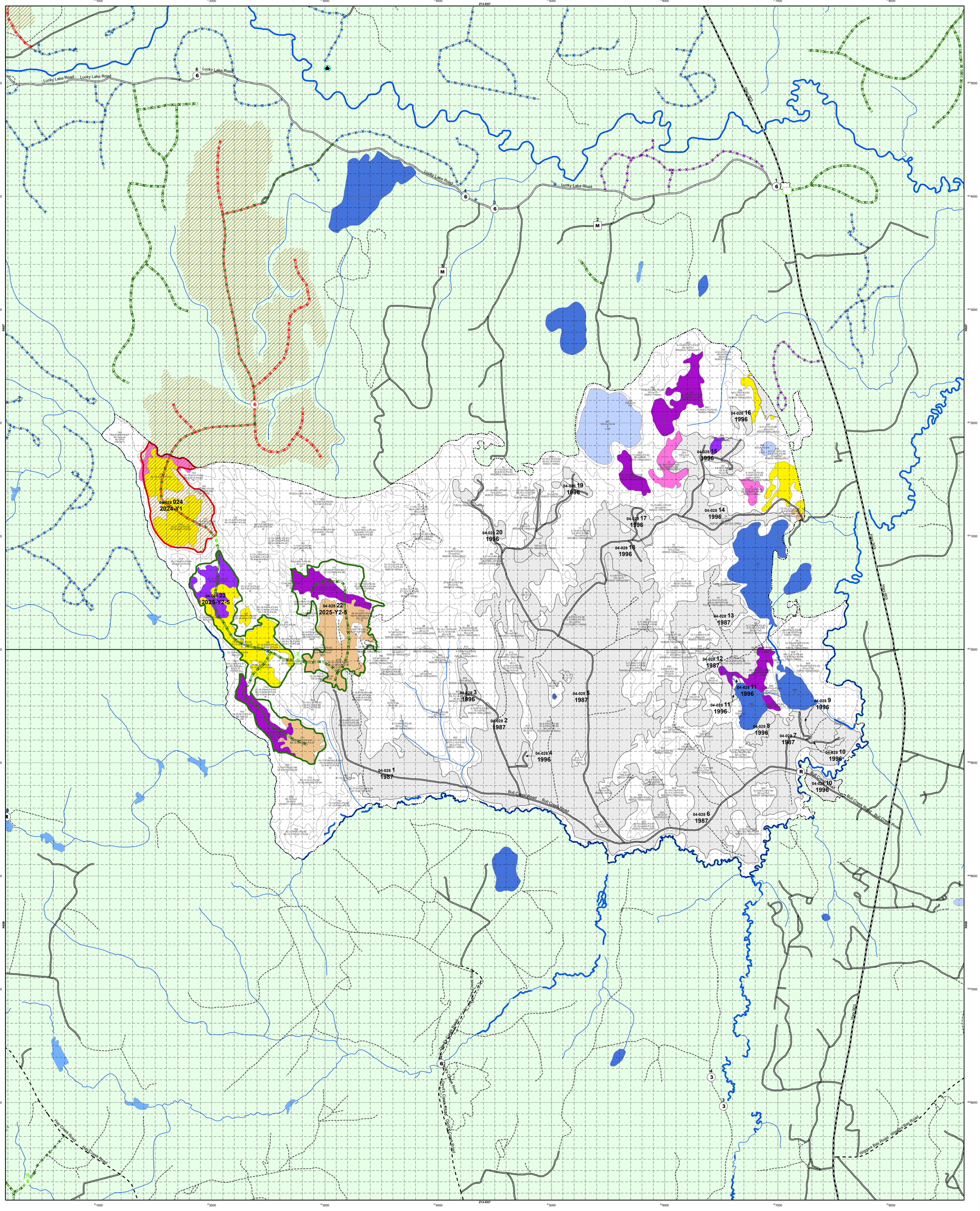


MISTIK MANAGEMENT LTD.

OPERATING AREA MAP

BULL CREEK

MANAGEMENT UNIT 04 - OPERATING AREA 028

YEAR 1 (2024) - YEARS 2-5 (2025 - 2028)

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 - 1975a) (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
aL L	Siberian Larch	tA A	Trembling Aspen
jP J	Jack Pine	wB W	White Birch
lP P	Lodgepole Pine	pC C	Plains Cottonwood
rP P	Red Pine	wE E	White Elm
sP P	Scots Pine	mM N	Manitoba Maple
bS M	Black Spruce	bO O	Bur Oak
wS S	White Spruce	bP B	Balsam Poplar

Canopy Pattern

Codes:

P0	Single Stems - usually <;20% Crown Closure
P1	Single Patch of Stems/Minimal Scattered Stems
P2	Several Patches of Stems
P3	Several H or grassy 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:

D	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
I	Flooded Land		

Non-Vegetated Landuse

Codes:

bupg	Built-up: Settlement	mg	Mine: Generic/unknown
bupo	Built-up: Industrial Site	muno	Mine: Open Pit/Gravel
cmty	Cemetery	peatc	Peat Cutting
ccgr	Campground/Rec. Site	peatp	Peat Plant
ftow	Fire Tower	sdgo	Solids Depot/Dump
gsof	Gas & Oil Facilities	towu	Tower: Generic/unknown
lmby	Lumber Yard	virgc	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
Bs	Bearberry	Lc	Low-bush Cranberry
Bl	Bog Laurel	Ra	Willow
Bt	Buffalo Berry	Ru	Wild Red Raspberry
Cl	Shrubby Cinquefoil	Sn	Prickly Rose
Cu	Currant		Western Snowberry

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
Cc	Palmate-leafed Coltsfoot	Sa	Sasaparilla
Fe	Ferns and Allies	St	Strawberry
Gr	Grasses Category	Se	Sedges, Rushes, Reeds
	Feathermosses	Sm	Sphagnum Mosses
	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:

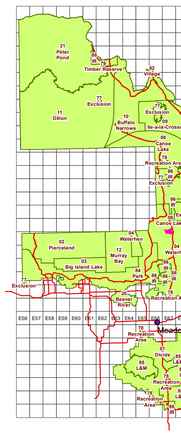
AK	Animal Kill	Hs	Hail
BR	Burnback	IN	Insect
CB	Cutback	SB	Sand/Gravel
CL	Clearing	SF	Seasonal Flood
CO	Cutover	SI	Silviculture
CW	Abandoned Well	SL	Slump
DI	Disease	SN	Snags
GR	Grazing	WI	Windthrow

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 - 84% 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
- Reclaimed Bridge
- Brushmat / Maintenance
- Reclaimed Brushmat
- Culvert / Maintenance
- Reclaimed Culvert
- Highway Approach / Maintenance
- Icebridge / Maintenance
- Reclaimed Icebridge

Proposed Crossings / Road Closures / POI (Year 1)
- Berm / Maintenance
- Gate / Maintenance
- Other / Maintenance
- Bridge / Maintenance
- 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
- Brushmat / Maintenance
- Culvert / Maintenance
- Highway Approach / Maintenance
- Icebridge / Maintenance

Proposed Research and Other Projects

Insect and Disease Management Areas

Map Version: 1.00
Created for User: joe.silva@mistik.ca
File Format: pdf
Page Size: 35x34.5
Date: March 06, 2024
Time: 03:30PM
Created with: Silvacom Maps Online
Map Projection: NAD_1983_UTM_Zone_12N
Map File: result_map.pdf

SCALE: 1:15,000
0 100 200 400 600
Metres

COPYRIGHT © 2024 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.

silvacom™