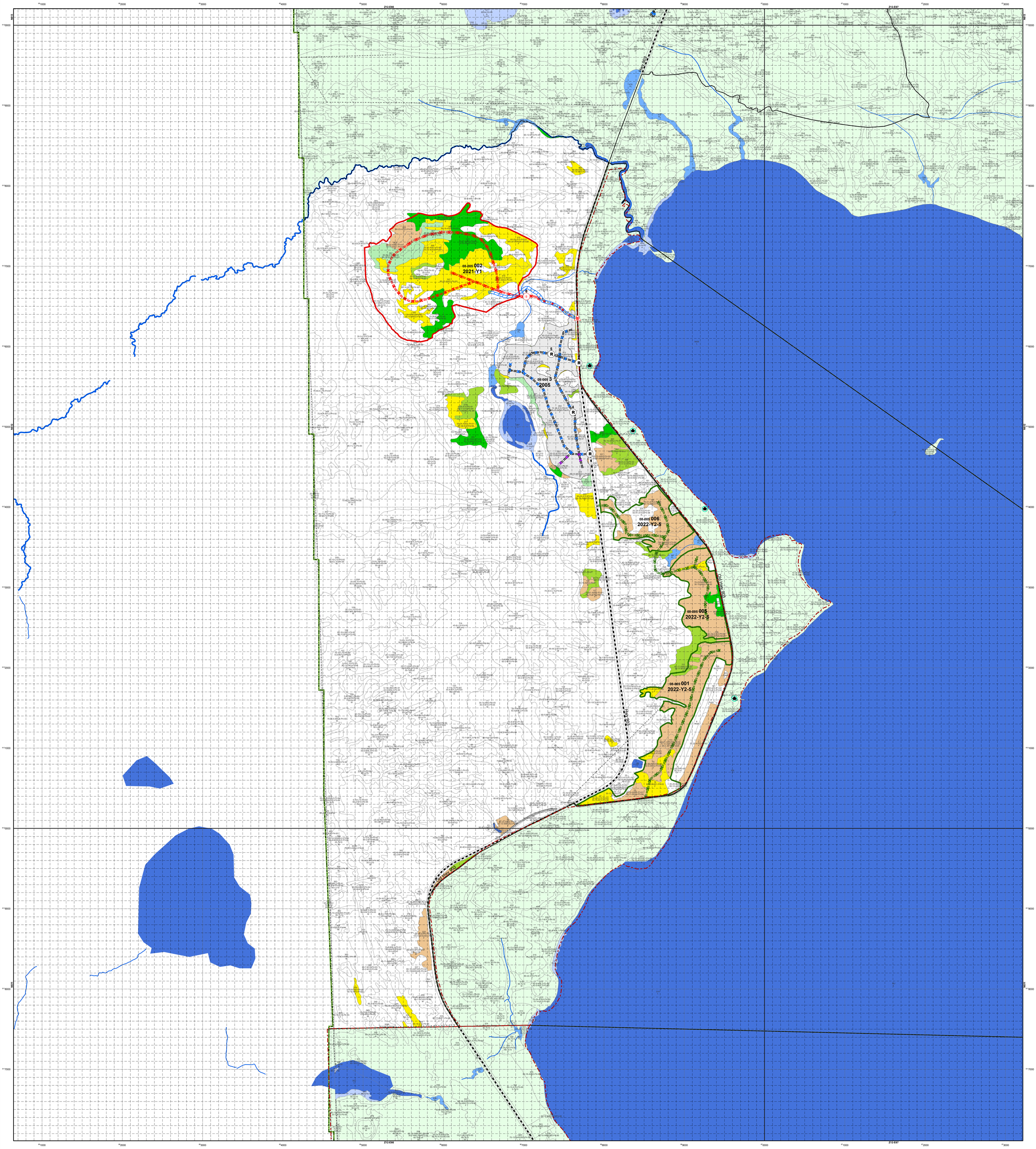

MISTIK MANAGEMENT LTD.

HARVEST DESIGN MAP

CANOE LAKE WEST
MANAGEMENT UNIT 08 - OPERATING AREA 005
YEAR 1 (2021) - YEARS 2-5 (2022 - 2025)

Map Version: 1.00
Created for User: cliff.mclauchlan@mistik.ca
File Format: pdf
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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 E S W

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

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 (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)

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

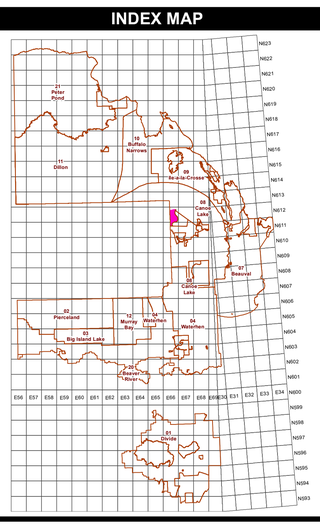
Road Reclaim Status
- X X Planted Road
- X X Completed Road Reclaim
- X X Planned Reclaim (Year 1 and Older)
- X X Planned Reclaim Future (Year 2 to 5)

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 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 - tA6w54 - 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 - Ht40-3Fm3 — 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	F	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
rP	P	Red Pine	mM	M	Manitoba Maple
sP	P	Scots Pine	bO	B	Bur Oak
bS	M	Black Spruce	bP	B	Balsam Poplar
wS	S	White Spruce			

Canopy Pattern
Codes:
S1 Single Stems - usually < 20% Crown Closure
P1 Single Patch of Stems/Minimal 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
D Dry
MF Moderately Fresh
F Fresh
VF Very Fresh
MM Moderately Moist
M Moist
VM Very Moist
MW Moderately Wet
W Wet
VW Very Wet
A Aquatic

Hydrological Features
Codes:
L Lake
FL Flooded Land
R River

Non-Vegetated Landuse
Codes:

bupg	Built-up: Settlement	mig	Mine: Generic/unknown
cmin	Mine: Industrial Site	mpit	Mine: Open Pit/Gravel
cmtry	Cemetery	pasture	Past Cutting
dmgc	Campground/Rec. Site	rargu	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 shrub species in the shrub layer

Species Codes:

Ta	Tall Shrubs Category	Mp	Mountain Maple
Al	Alder	Pc	Pin Cherry
Bh	Beaked Hazel	Sa	Saskatoon Berry
Cr	High bush Cranberry	Wi	Willow
Lt	Low Shrubs Category	Cw	Red osier Dogwood
Bb	Blueberry	Ld	Labrador Tea
Be	Bearberry	Lc	Low bush Cranberry
Bi	Bog Birch	Le	Leatherleaf
Bl	Bog Laurel	Rs	Wild Red Raspberry
Bu	Buffalo Berry	Ro	Prickly Rose
Cc	Common Cinquefoil	Sn	Western Snowberry
Cx	Canada Buffalo Berry		

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

Species Codes:

Hm	Herbs Category	Nc	Northern Comandra
Bu	Bunchberry	Nm	Naked Miterwort
Co	Palmate-leafed Coltsfoot	Sa	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:

AK	Animal Kill	HA	Hail
BO	Burnover	IN	Insect
CB	Cutbank	SB	Sand/Gravel
CD	Disease	SF	Seasonal Flood
CO	Clearcut	SI	Silviculture
CW	Abandoned Well	SL	Slumping
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)	0 - 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