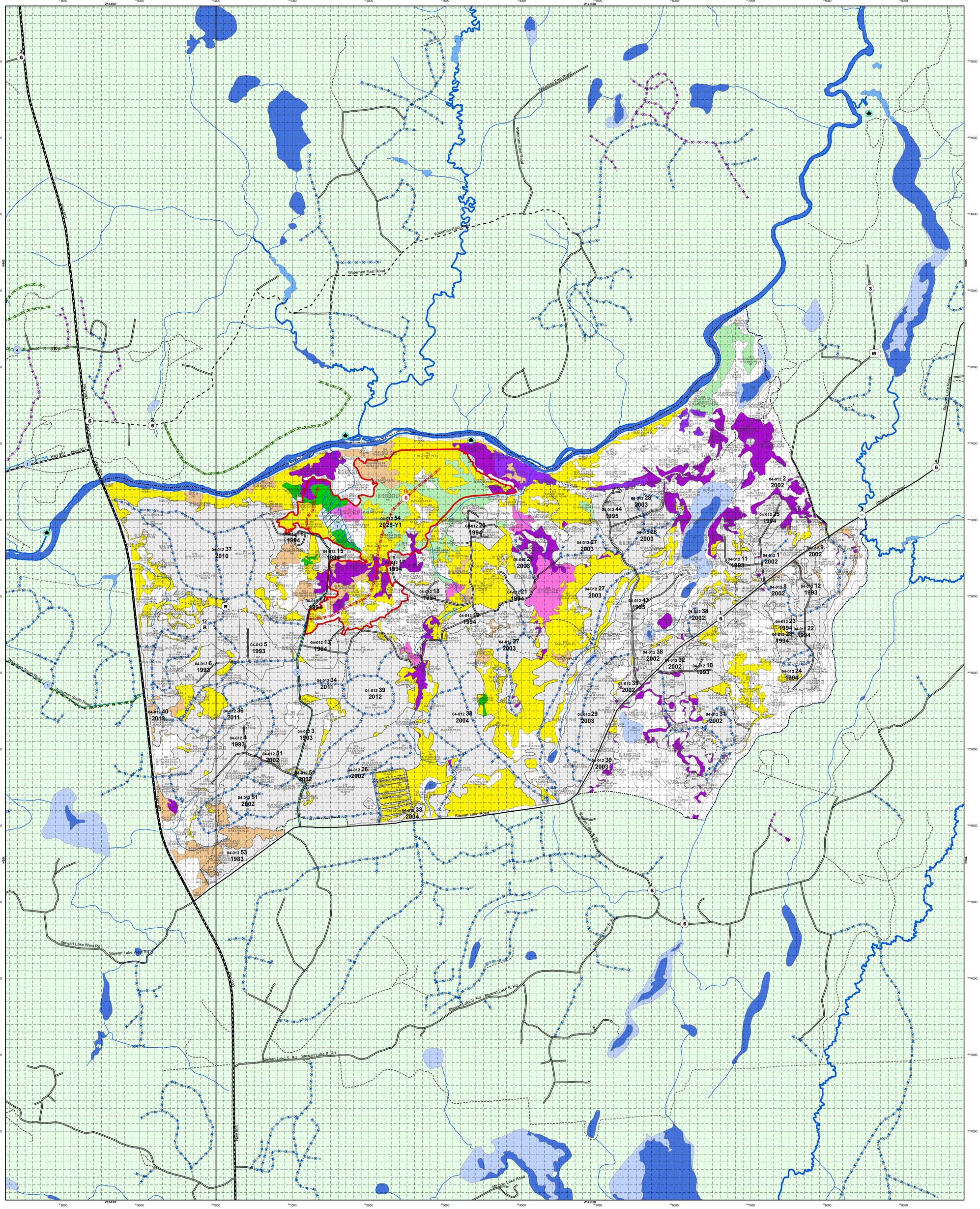

MISTIK MANAGEMENT LTD.

OPERATING AREA MAP

STEWART LAKE
MANAGEMENT UNIT 04 - OPERATING AREA 012
YEAR 1 (2025) - YEARS 2-5 (2026 - 2029)

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 8 tree species per tree layer

Species Codes:

bF	F	Balsam Fir	gA	G	Green Ash
aL	L	Siberian Larch	tA	A	Trembling Aspen
lL	L	Tamarack	aW	W	White Ash
jP	P	Jack Pine	pC	C	Plains Cottonwood
lP	P	Lodgepole Pine	wE	E	White Elm
rP	P	Red Pine	mM	N	Manitoba 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	Single Patch of Stems/Minimal Scattered Stems
P2	Several Patches of Stems
P3	Several 34 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:

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
cmtry	Cemetery	peatc	Peat Cutting
ferrp	Ferro-Ground/Rec. Site	peatd	Peat Drain
ftow	Fire Tower	sdgo	Solids Depot/Dump
gsof	Gas & Oil Facilities	towu	Tower: Generic/unknown
lmby	Lumber Yard	vagu	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
Bu		Buffaloberry	Ra		Wild Red Raspberry
Bl		Bog Laurel	Ro		Prickly Rose
Bu		Buffalo Berry	Sn		Western Snowberry
Cl		Shrubby Cinquefoil			
Cu		Currant			
Sb		Saskatoon Berry			

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
Cq	Palmate-leafed Coltsfoot	Sa	Sasaparilla
Fe	Ferns and Allies	St	Strawberry
Gr	Grasses Category	Se	Sedges, Rushes, Reeds
	Feathermosses	Sm	Sphagnum Mosses
Ll	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	Burnout	IN	Insect
CB	Cutbank	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: roger.bonneau@mistik.ca
File Format: pdf
Page Size: 35x34.5
Date: April 14, 2025
Time: 11:33AM
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 © 2025 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™