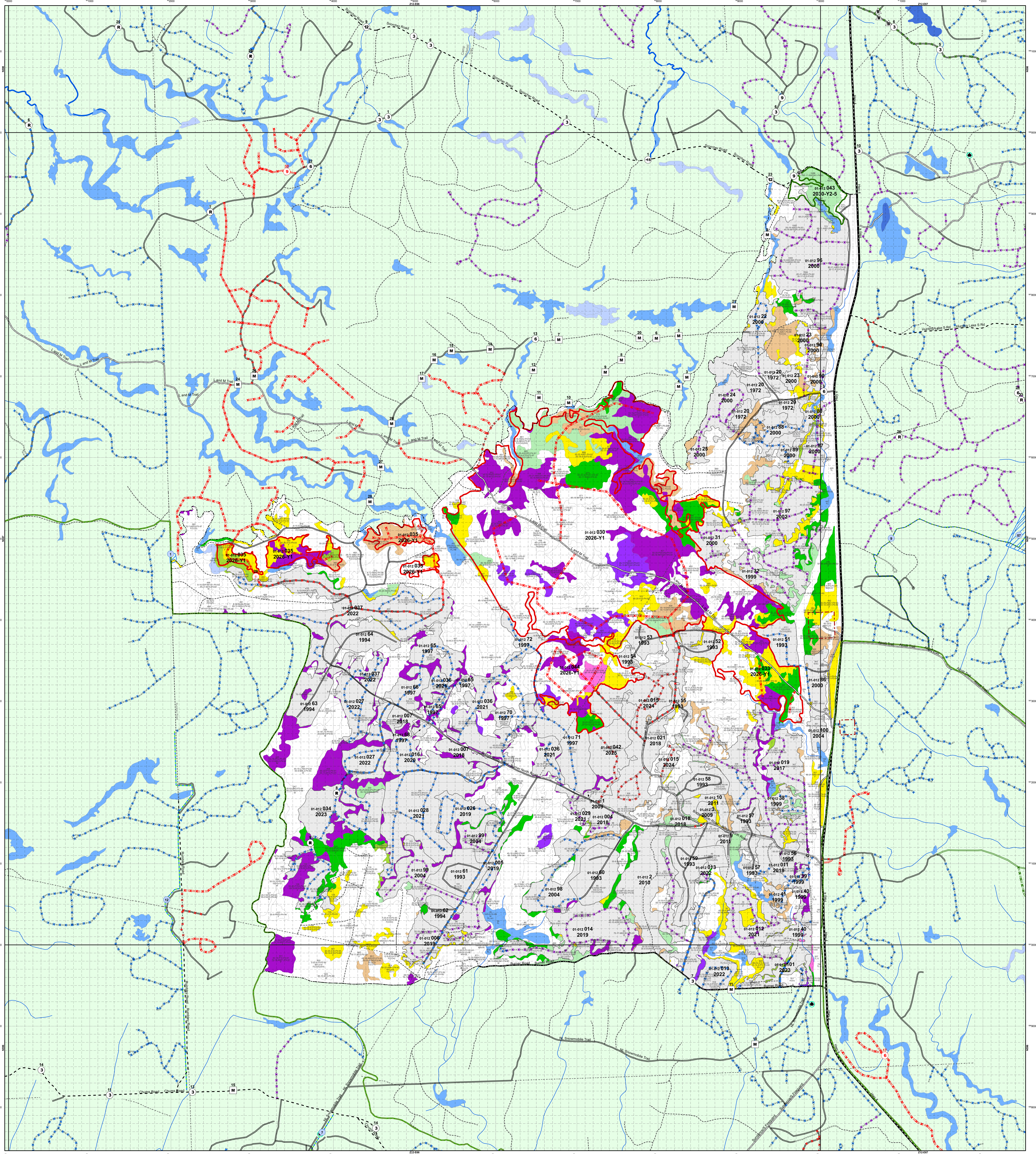


MISTIK MANAGEMENT LTD.

# OPERATING AREA MAP

## BURNER NORTH
## MANAGEMENT UNIT 01 - OPERATING AREA 012
## YEAR 1 (2026) - YEARS 2-5 (2027 - 2030)

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SCALE: 1:15,000

0 200 400 800 1,200
Metres

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)**
- 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

**Lakes / Streams**
- Lake
- Flooded Land
- Aquatic Regime
- River
- Perennial
- Intermittent
- Indefinite

**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

**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
- Railway Line
- Transmission Line

**Pipelines**
- Null
- Abandoned
- Active
- Suspended
- Unknown

**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)

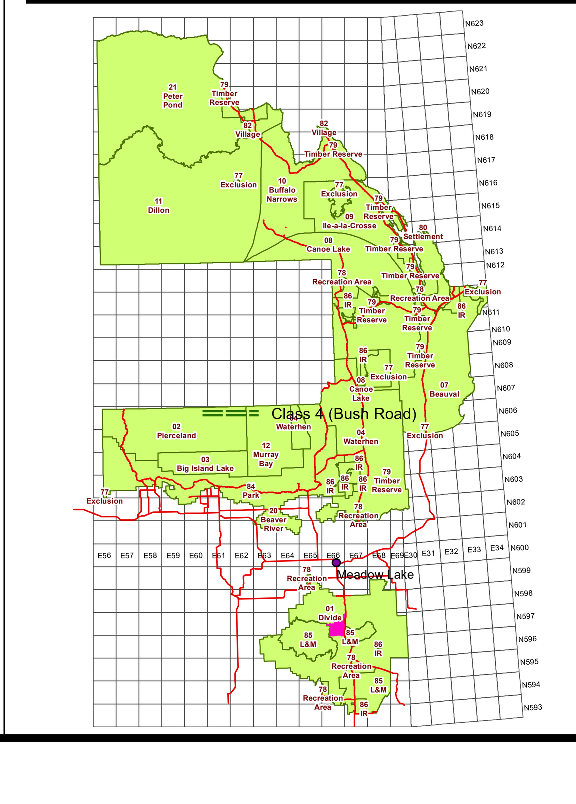
**Road Reclaim Status**
- Planted Road
- Completed Road Reclaim
- Planned Reclaim (Year 1 and Older)
- Planned Reclaim Future (Year 2 to 5)

**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 - 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) | Disturbance Modifier 2 |
| (SI - 1 - 1980a) | 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 | 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 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 | 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
- FL Flooded Land
- R River

**Non-Vegetated Landuse**
Codes:

| | | | |
|---|---|---|---|
| bugp | Built-up: Settlement | mg | Mine: Generic/unknown |
| bupo | Built-up: Industrial Site | muou | Mine: Open Pit/Gravel |
| cmty | Cemetary | peatc | Peat Cutting |
| dmgu | Campground/Rec. Site | rwgu | Runway |
| ftow | Fire Tower | sdgu | Solids Depot/Dump |
| gsof | 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:

| | | | |
|---|---|---|---|
| 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 | Blueberry | La | Labrador Tea |
| Be | Bearberry | Lc | Low-bush Cranberry |
| Bi | Bog Birch | Le | Leatherleaf |
| Bl | Bog Laurel | Ra | Wild Red Raspberry |
| Bu | Buffalo Berry | Ro | Prickly Rose |
| Ci | Shrubby Cinquefoil | Sn | Western Snowberry |
| Cu | Currant | | |

**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 | Palmate-leafed Coltsfoot | Sa | Sasaparilla |
| 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
- Ae Emergent Vegetation
- Af Floating 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 | Silvaculture |
| 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 - 94% loss) | 500 - 699 |
| 5 | Entire (> 95% loss) | > 700 |