



Compartment Review Presentation

Crystal Falls Forest Management Unit

Compartment 12176

Entry Year 2025

Acreage: 2,181

County Iron

Management Area: Brule River

Stand Examiner: Ed Rice

Legal Description:

T42N-R35W Sections 20, 27, 29, 34 and 36. T42N-R34W Sections 21-24 and 27-31.

Identified Planning Goals:

Optimize sustainable timber production while enhancing and protecting wildlife habitat, notably enhancing/retaining wintering deer cover. Further the aspen age class diversity and encourage conifer recruitment. Protect the riparian areas and transition zones during any management activity.

Soil and topography:

Land is nearly level to hilly with a mix of Saron soils that are excessively drained to well-drained, loamy and sandy soils on ground moraines and end moraines and Cathro soils that are irregular depressions within these moraines that are poorly drained black muck.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

Ownership patterns in this compartment consist of a mix of State lands, timber company, trust lands and some small private parcels and hunting camps. Lands in and around the compartment are used mainly for hunting and managed for forest products. Some lands have been developed and lotted off for river estates.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

Deer heavily use this compartment as a wintering complex. The compartment should be included in a DWC

Watershed and Fisheries Considerations:

Brule River, Iron River, Scott Lake and Minnie Lake. This compartment is near or along the Brule River, a Designated Type 1 Trout Stream. The Brule River mainstem is a large river and can be too warm for brook and brown trout during the summer months. Therefore it is important to maintain connection to the coldwater tributaries that flow into the Brule. Every tributary in this compartment is a Designated Type 1 Trout Stream, some of which include Armstrong Creek, Olson Creek, McGoverns Creek and the Iron River. The Brule River is wider than 50' therefore a 100' buffer is recommended for those sections. All tributaries to the Brule River within this compartment should have a 300' buffer in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope.

Wildlife Habitat Considerations:

This compartment is comprised of a series of stands that fall along the Brule River. The Brule River Management Area provides a unique opportunity to manage species that require riparian habitat. Species that heavily use this corridor include eagles, osprey, deer, wolves, bear, goshawk, and waterfowl. Wildlife use of this habitat for winter and summer cover, forage, nesting, and movement requires a significant buffer along the river and contiguous stands of lowland conifer and hardwood types. This corridor provides some of the most heavily used recreational areas in the unit. It is used by canoists, orv users, fishermen, hunters, hikers and snowmobilers.

Mineral Resource and Development Concerns and/or Restrictions

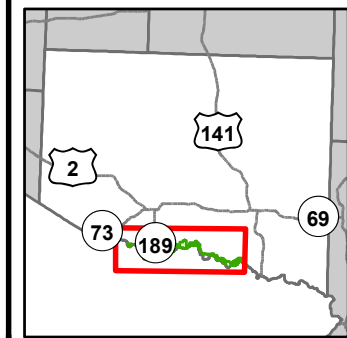
Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and coarse-textured till. There is insufficient data to determine the glacial drift thickness. The Precambrian Dunn Creek Formation and Badwater Greenstone subcrop below the glacial drift. There is not a current economic use for these rocks. Abandoned iron mines are located four miles to the northwest. A gravel pit is located in Section 14 and there should be some potential. There is no economic oil and gas production in the UP.

Vehicle Access:

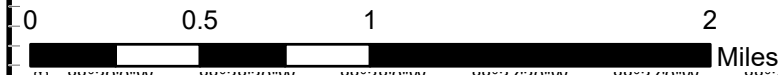
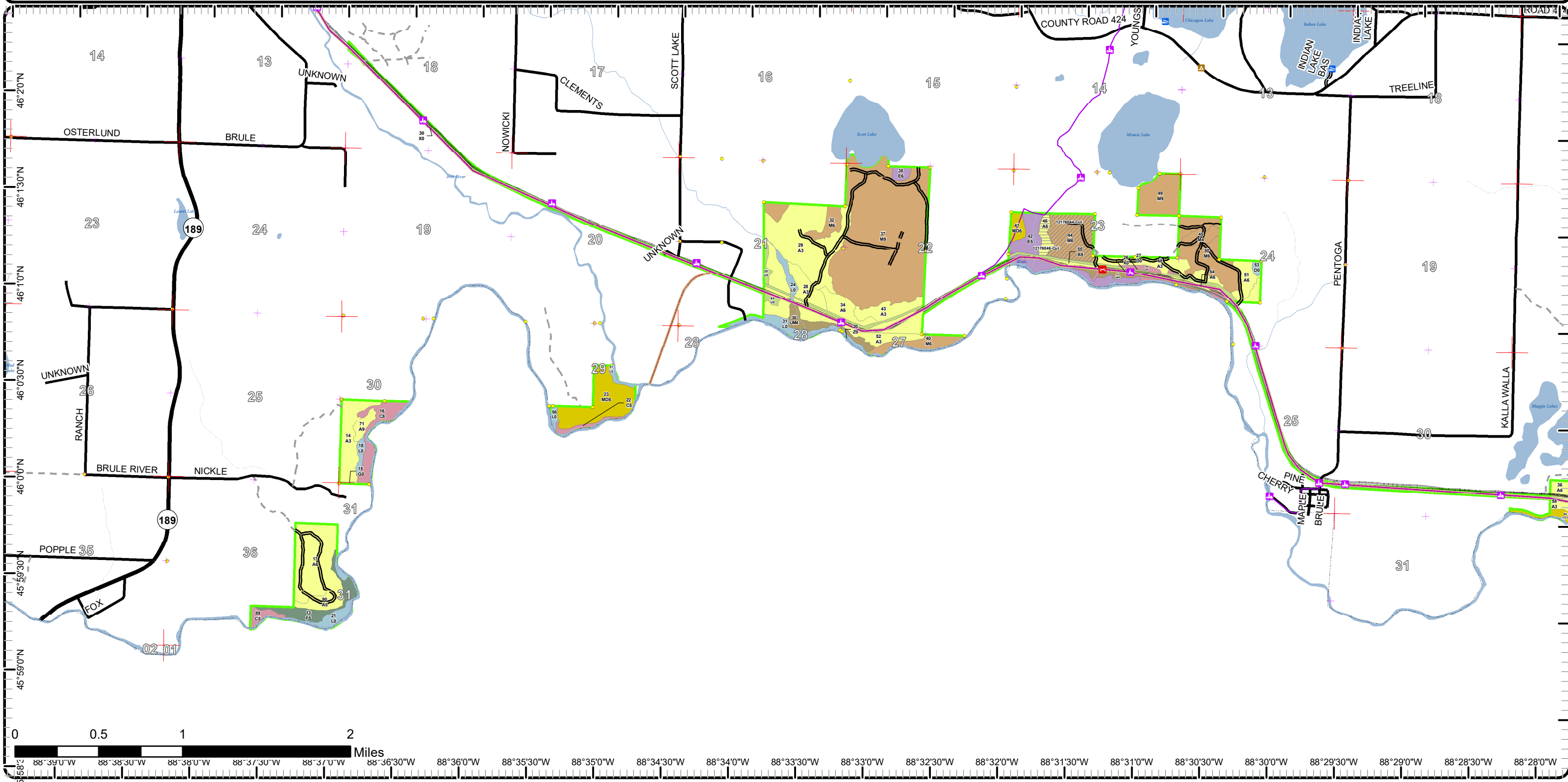
Access to parts of compartment blocked by private land owners.

Cover Type & Treatments Map

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice



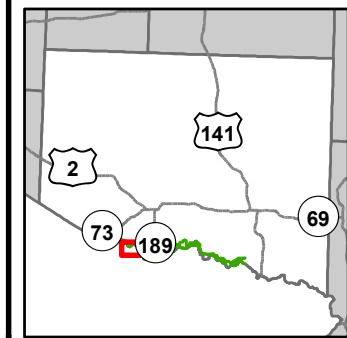
- | | | |
|--|---------------------------------------|-----------------------------------|
| — Miris Corners | — Designated RailTrail | ■ 419 - Mixed Upland Deciduous |
| ⊕ Remonumented Section Corners | ⊕ Boating Access Site | ■ 423 - Other Upland Conifers |
| ● Survey Grade Corners | ⚠ Campground | ■ 430 - Upland Mixed Forest |
| --- Counties | --- Intermittent Stream | ■ 611 - Lowland Deciduous Forest |
| == DNR - Secondary Forest Road | --- Island in Lake or River | ■ 612 - Lowland Coniferous Forest |
| == DNR - Forest Access Route | --- Lake/Pond | ■ 122 - Roads/Parking Lot |
| == Federal / State Highway | --- Perennial River | ■ 310 - Herbaceous Openland |
| == Federal / State / County - Paved Road | ■ Lakes and Rivers | ■ 320 - Upland Shrub |
| --- Private - Dirt / Gravel Road | --- Pipeline | ■ 500 - Water |
| 🚙 ORV Routes | --- Compartment Boundary | ■ 622 - Lowland Shrub |
| 🚙 Snowmobile Trails | --- Clearcut (w/Reserves) | |
| --- Designated ORV Route | --- Thinning (Crown, Low, Systematic) | |
| --- Designated Snowmobile Trails | ■ 411 - Northern Hardwood | |
| | ■ 413 - Aspen | |



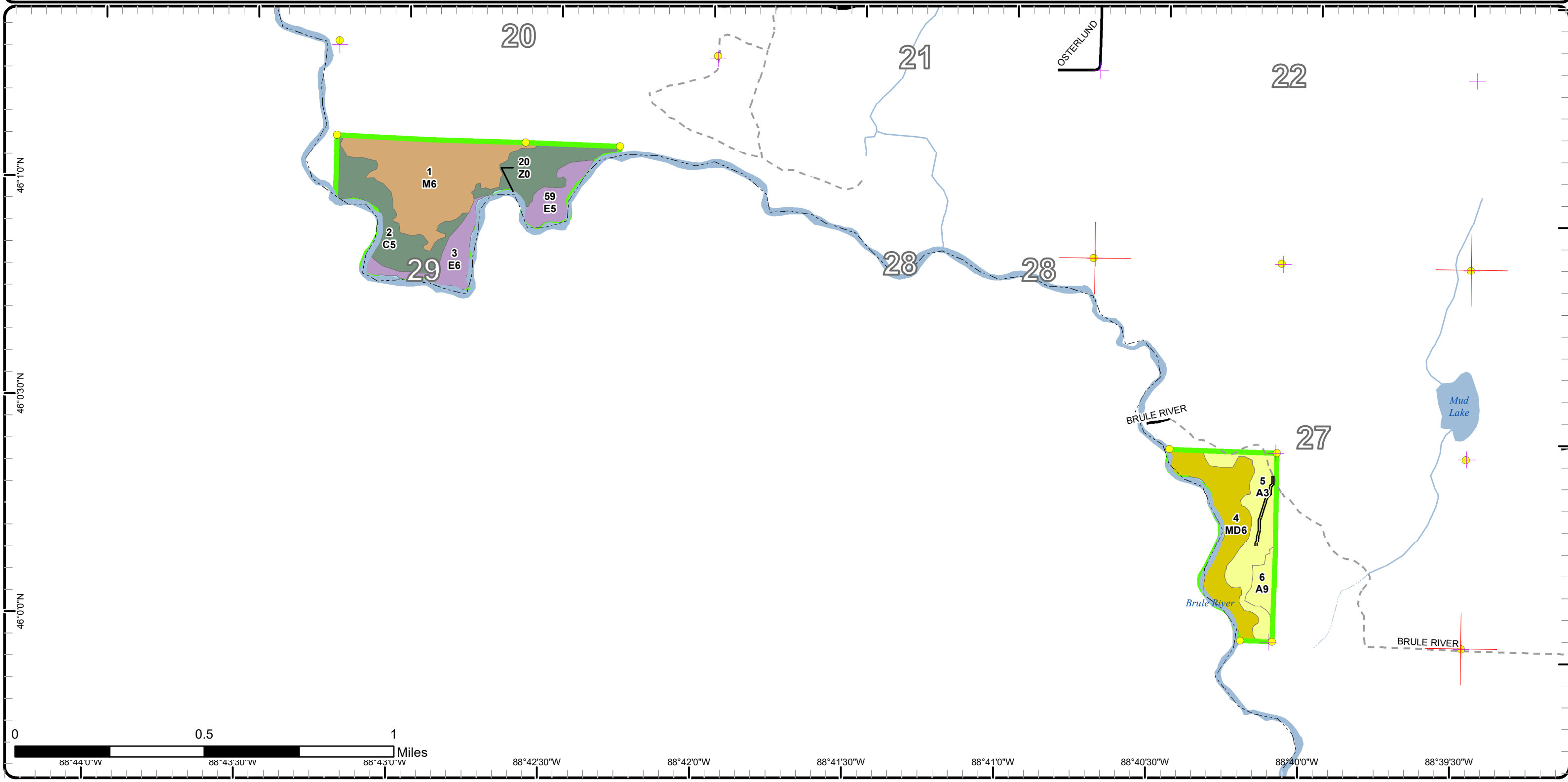
88°39'0"W 88°38'30"W 88°38'0"W 88°37'30"W 88°37'0"W 88°36'30"W 88°36'0"W 88°35'30"W 88°35'0"W 88°34'30"W 88°34'0"W 88°33'30"W 88°33'0"W 88°32'30"W 88°32'0"W 88°31'30"W 88°31'0"W 88°30'30"W 88°30'0"W 88°29'30"W 88°29'0"W 88°28'30"W 88°28'0"W

Cover Type & Treatments Map

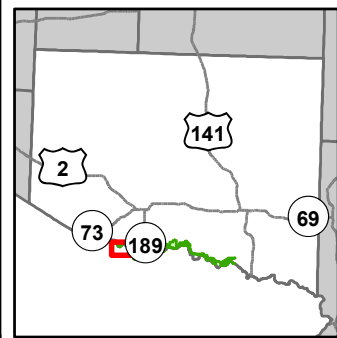
Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 500 - Water

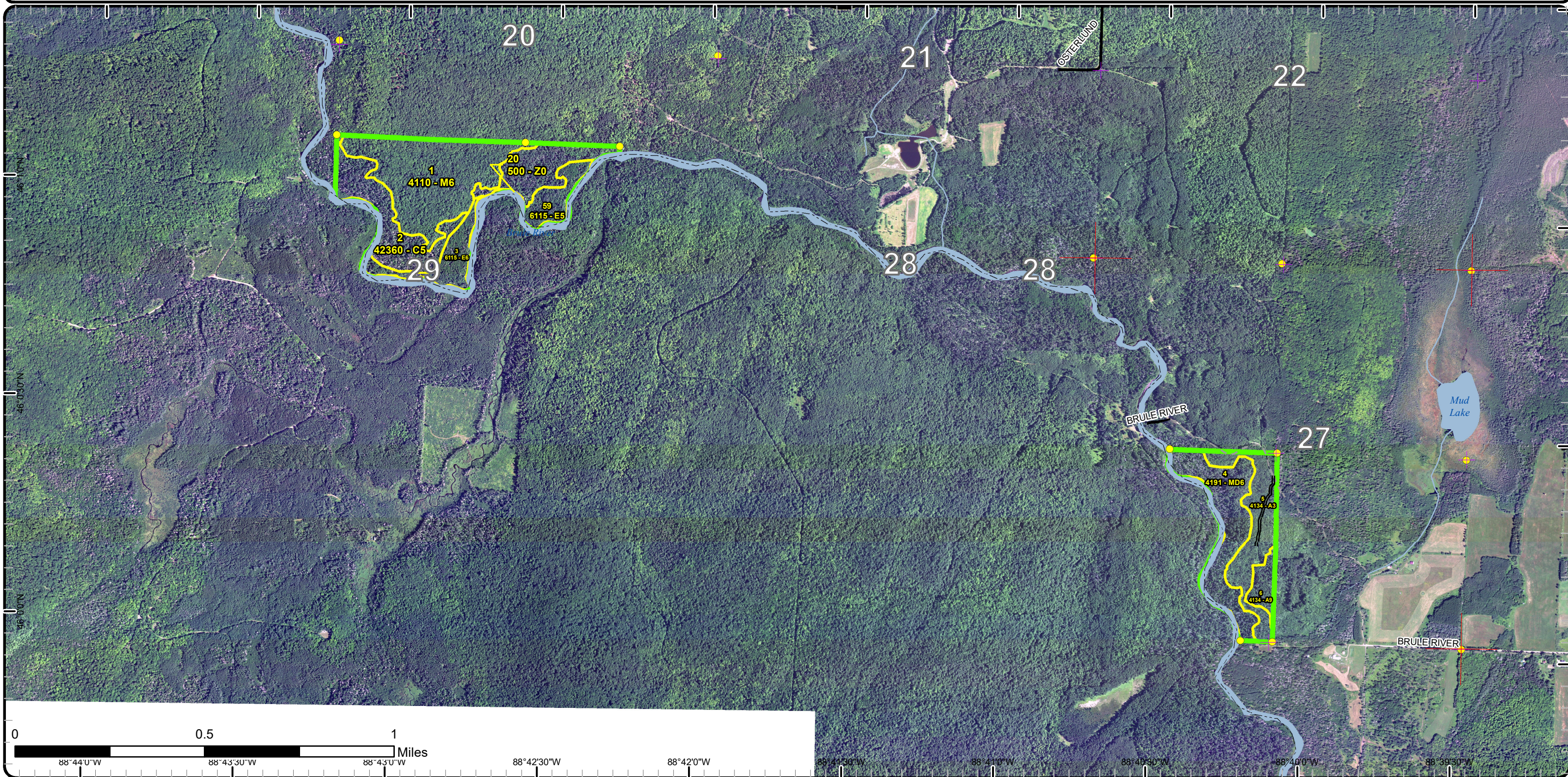


Stand Boundary Map



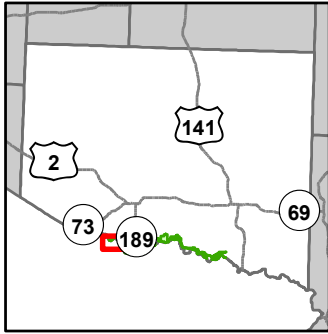
Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 500 - Water

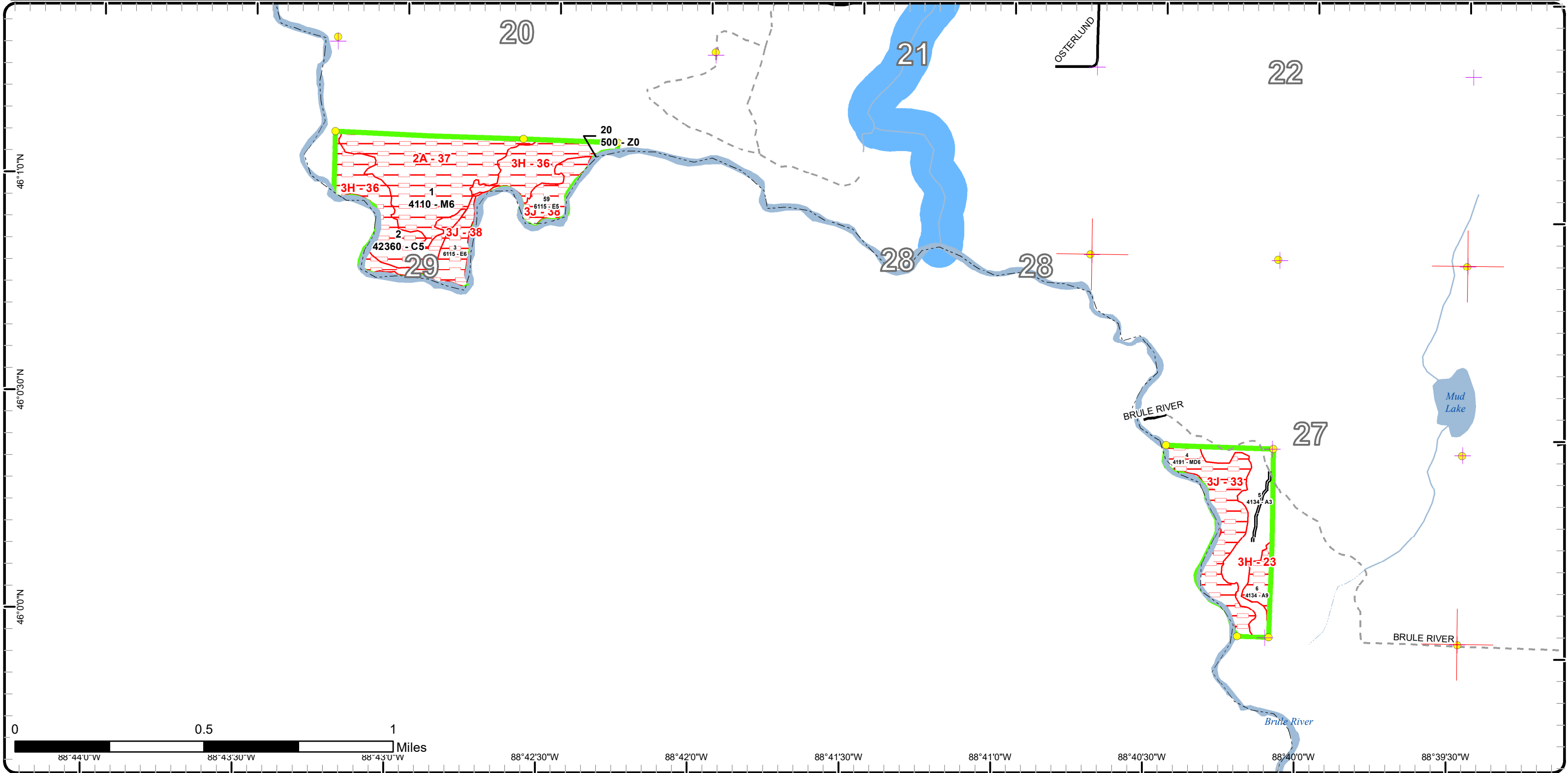


Special Conservation Areas

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

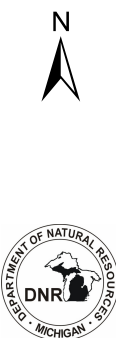
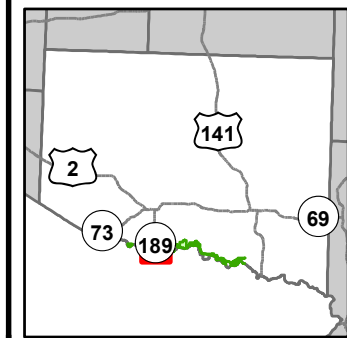


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Unavailable
- 2A: Adjacent landowner denied access
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer

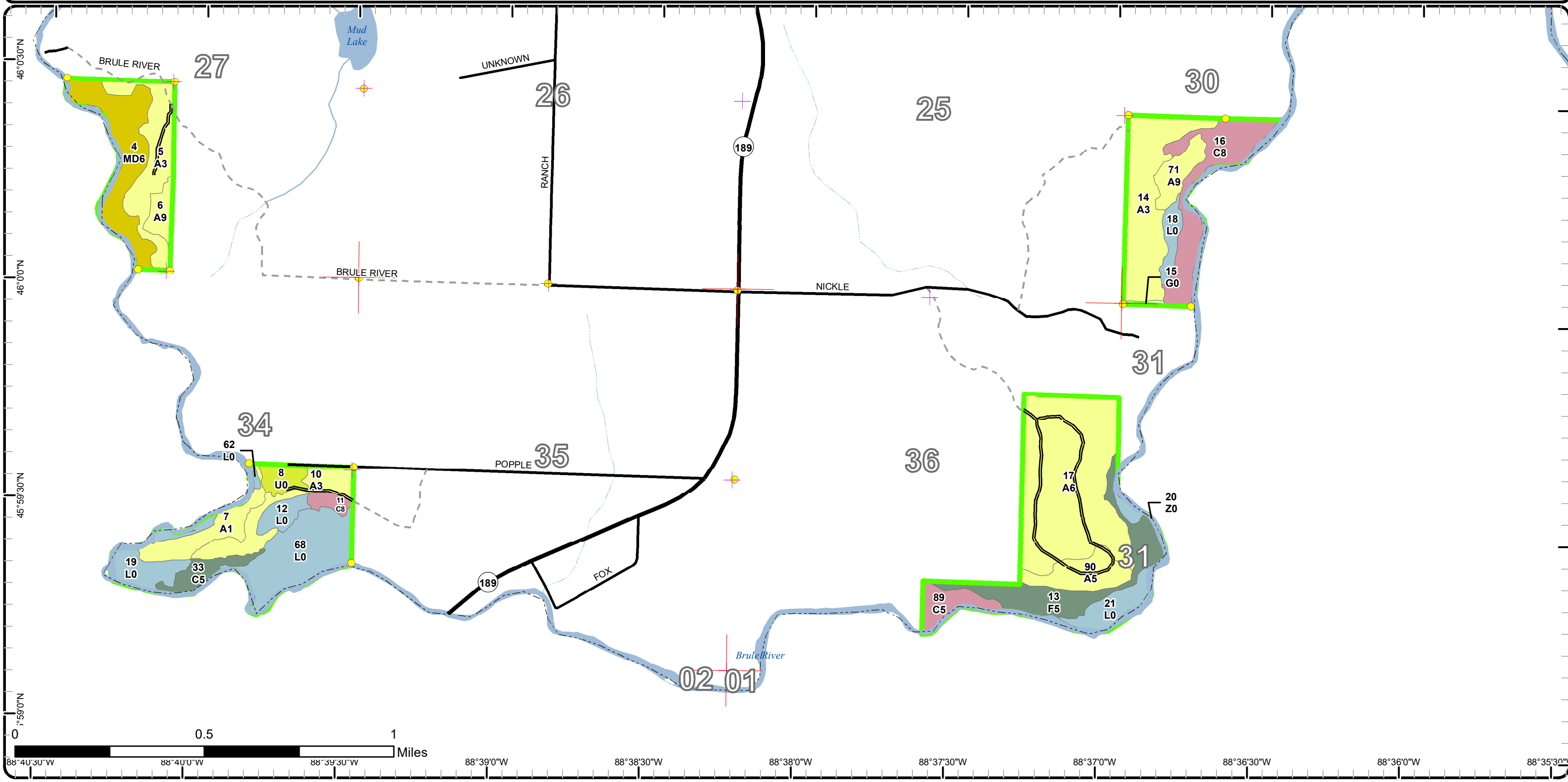


Cover Type & Treatments Map

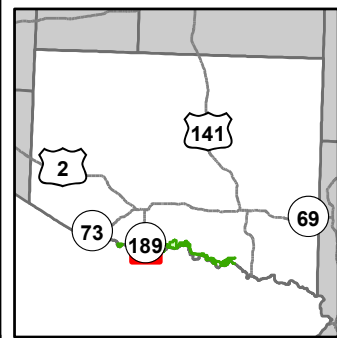
Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State Highway
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub

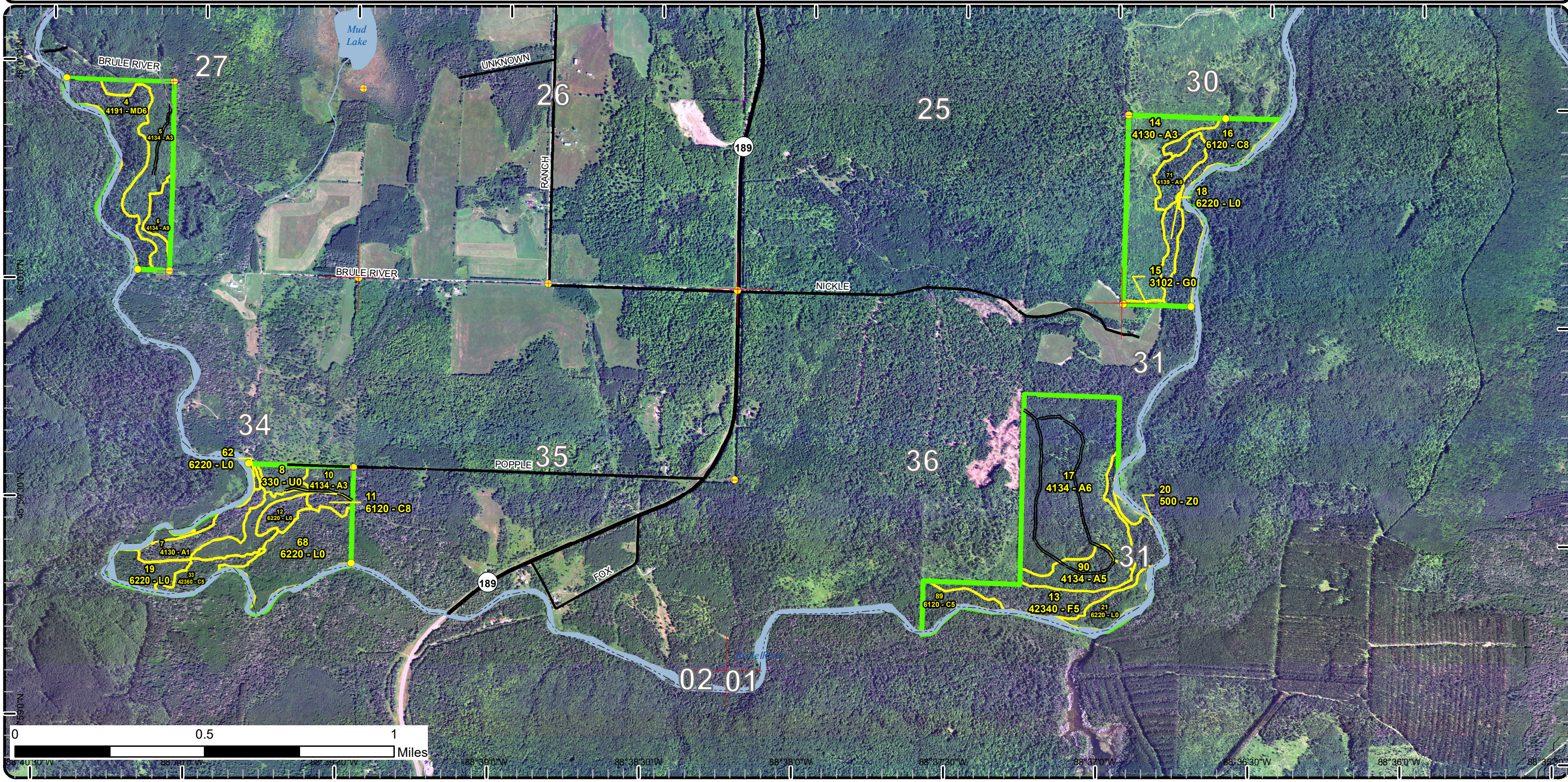


Stand Boundary Map



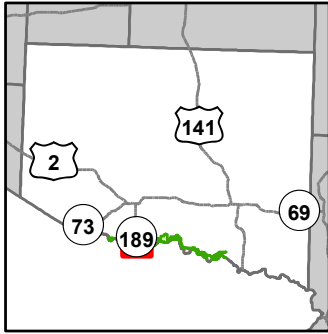
Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

- Miris Corners
 - + Remonumented Section Corners
 - Survey Grade Corners
 - Counties
 - DNR - Secondary Forest Road
 - Federal / State Highway
 - Federal / State / County - Paved Road
 - Private - Dirt / Gravel Road
 - Intermittent Stream
 - Lake/Pond
 - Perennial River
 - Lakes and Rivers
 - Compartment Boundary
 - Stand Boundaries
- 413 - Aspen
 - 419 - Mixed Upland Deciduous
 - 423 - Other Upland Conifers
 - 612 - Lowland Coniferous Forest
 - 310 - Herbaceous Openland
 - 330 - Low Density Trees
 - 500 - Water
 - 622 - Lowland Shrub

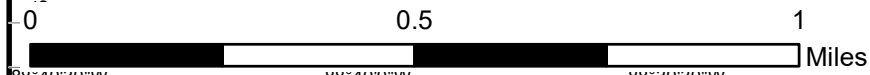
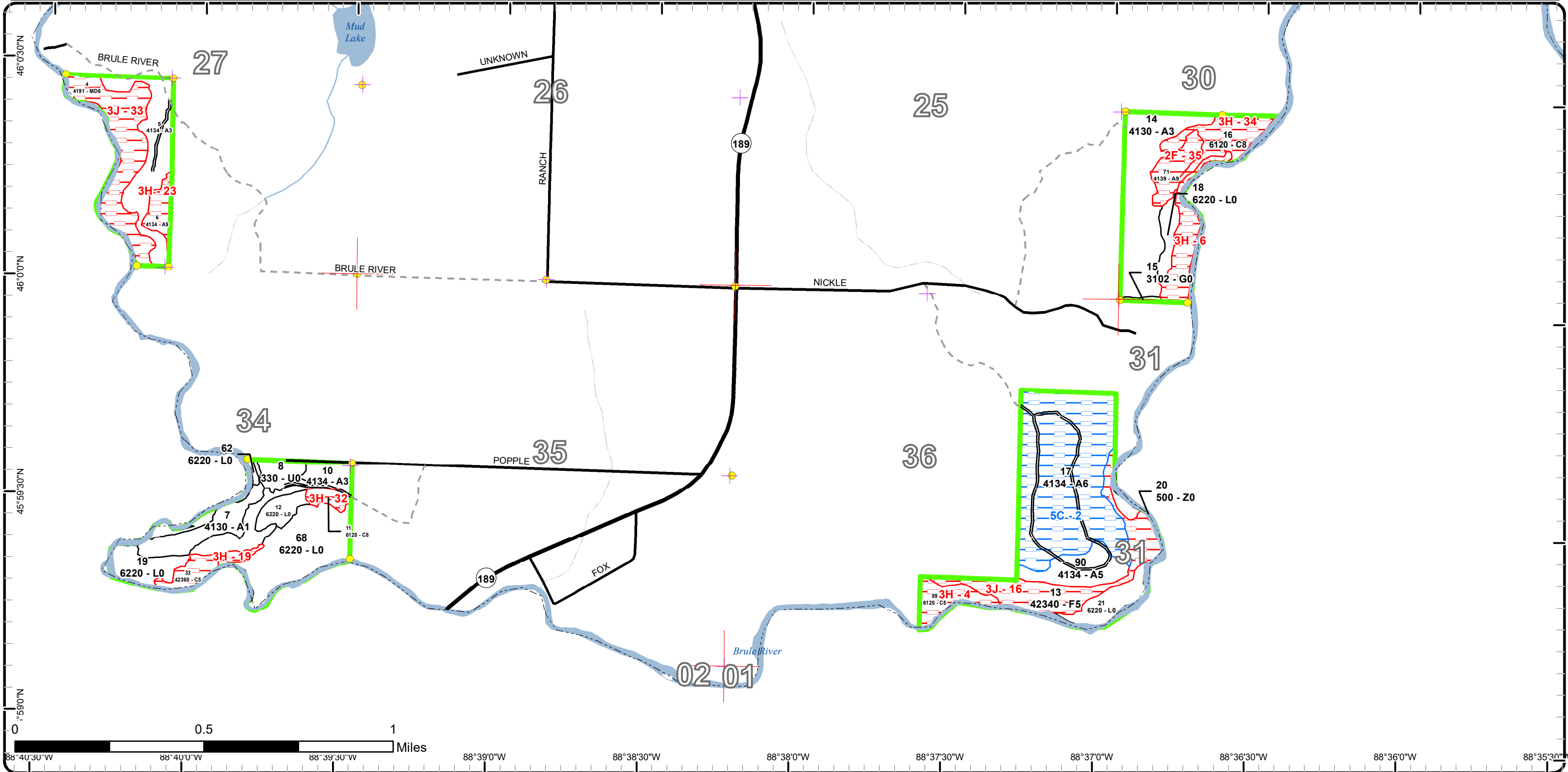


Special Conservation Areas

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice



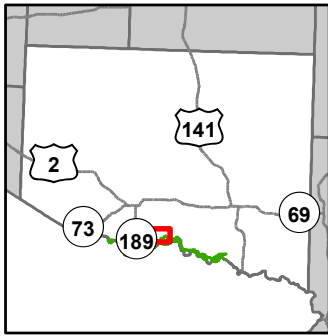
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State Highway
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2F: Too steep
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes



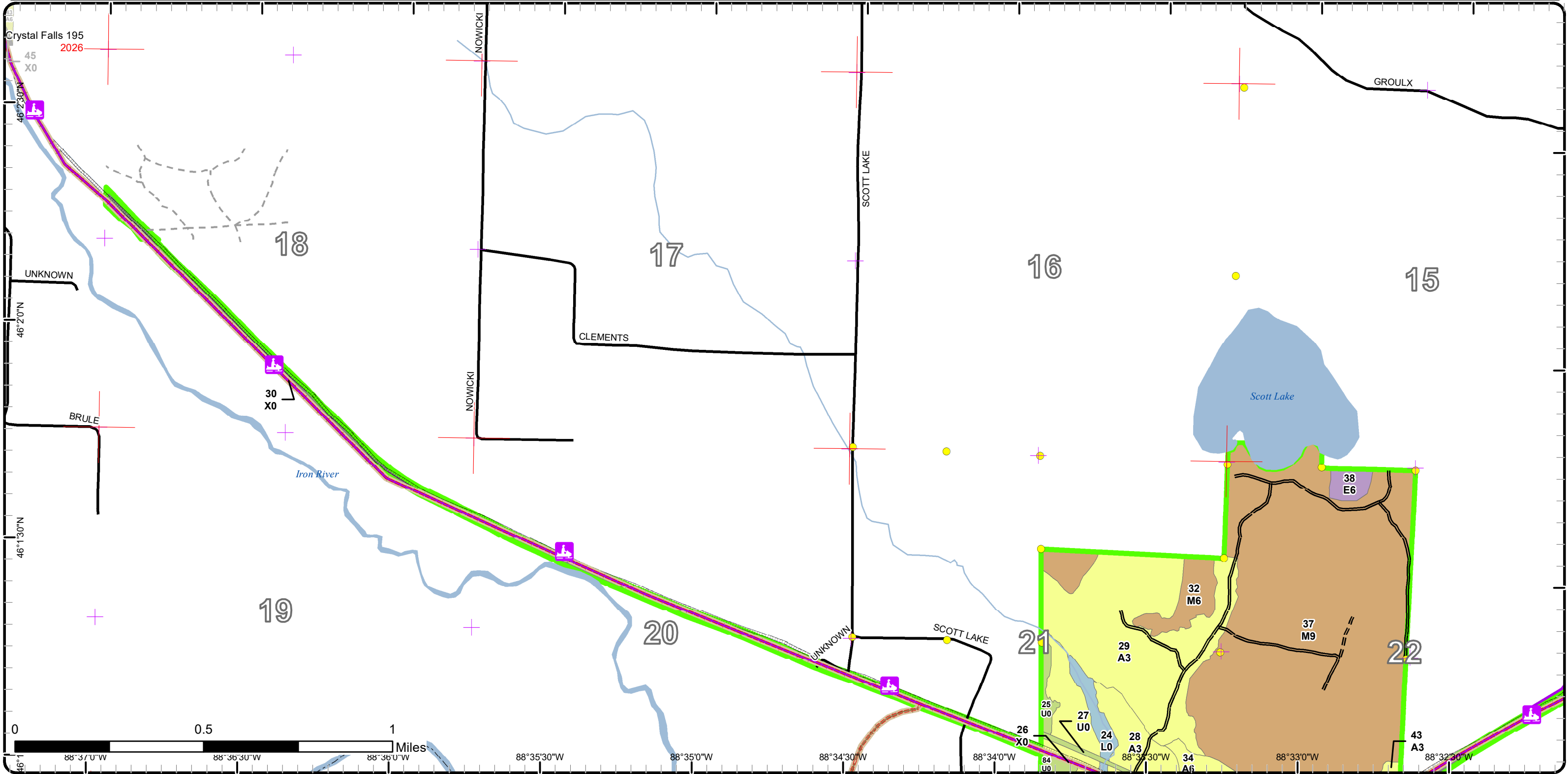
46°03'0"N 46°00'0"N 45°59'30"N 45°59'0"N
 88°40'30"W 88°40'0"W 88°39'30"W 88°39'0"W 88°38'30"W 88°38'0"W 88°37'30"W 88°37'0"W 88°36'30"W 88°36'0"W 88°35'30"W

Cover Type & Treatments Map

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

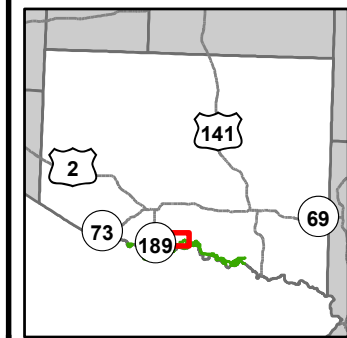


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- Ⓜ ORV Routes
- Ⓜ Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Designated RailTrail
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- 411 - Northern Hardwood
- 413 - Aspen
- 611 - Lowland Deciduous Forest
- 122 - Roads/Parking Lot
- 320 - Upland Shrub
- 622 - Lowland Shrub

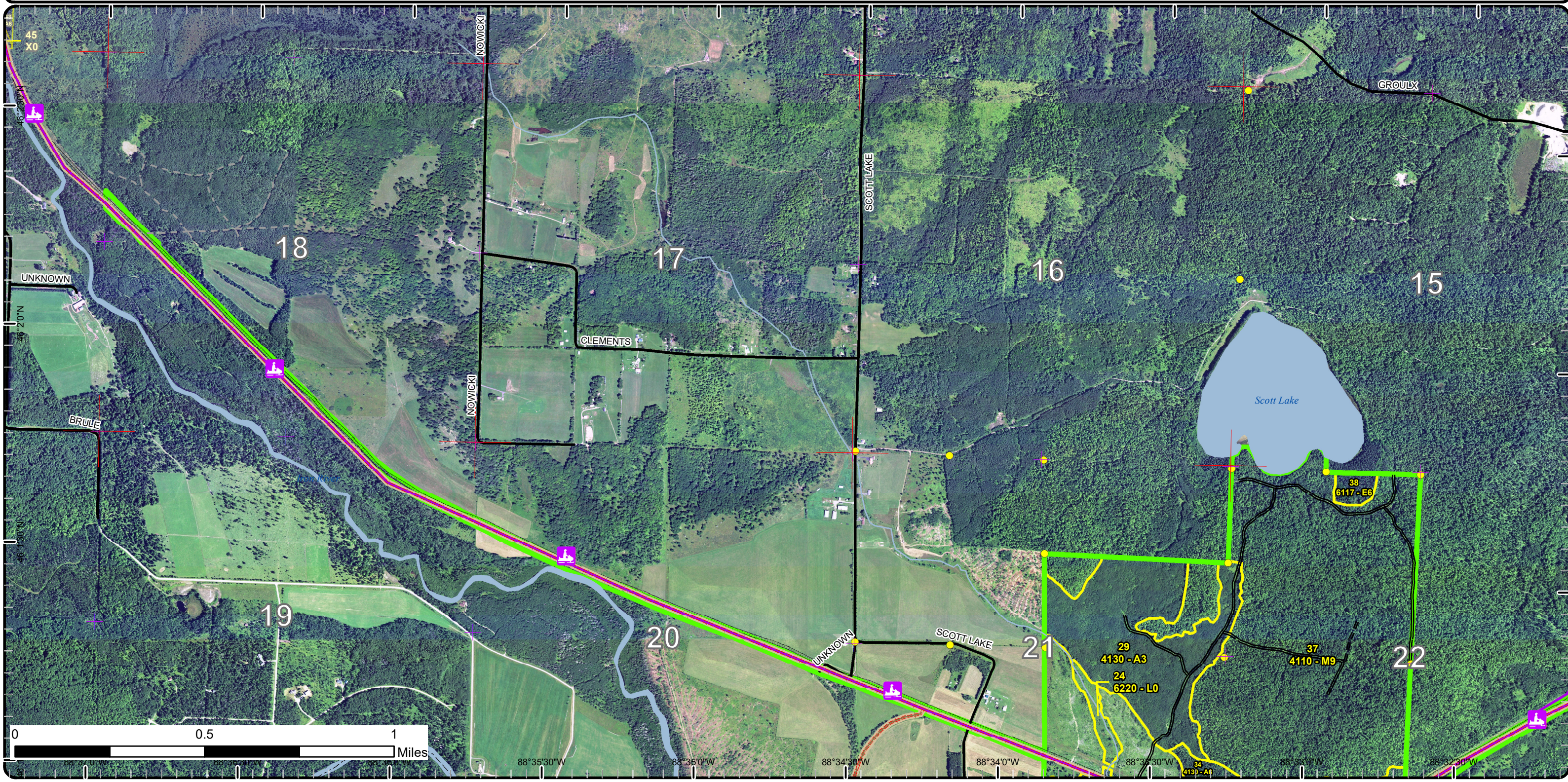


Stand Boundary Map

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

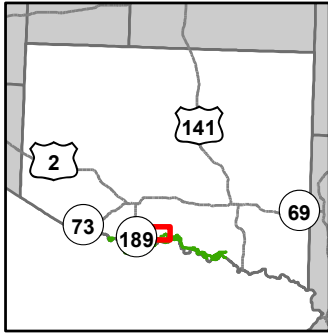


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- ORV Routes
- + Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Designated RailTrail
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 611 - Lowland Deciduous Forest
- 622 - Lowland Shrub

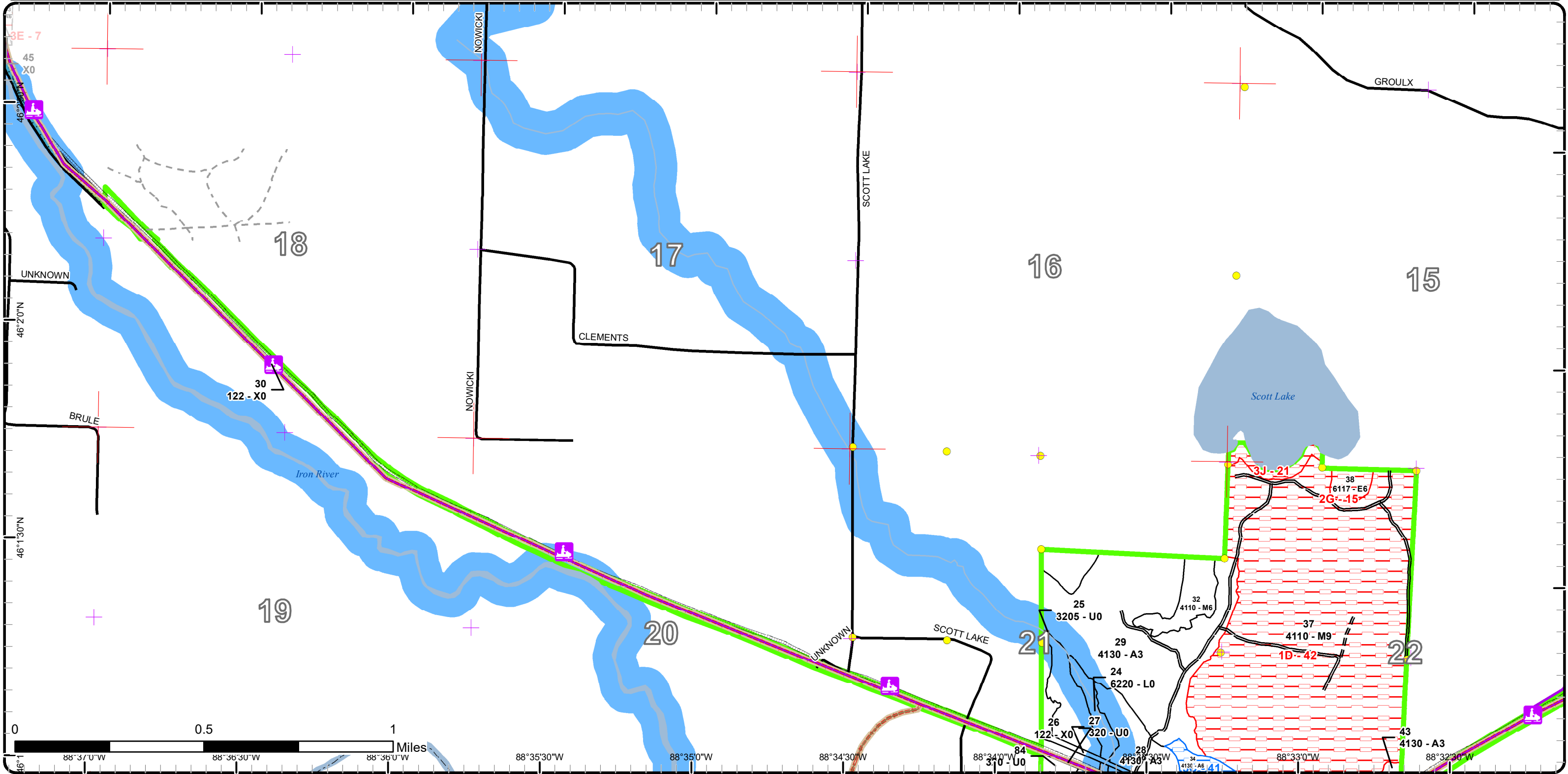


Special Conservation Areas

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

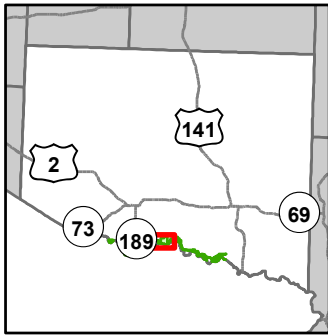


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- ORV Routes
- Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Designated RailTrail
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- Stand Boundaries
- SCA
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Trail - Trail Corridor
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 1D: Interest Group / Neighbor
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)

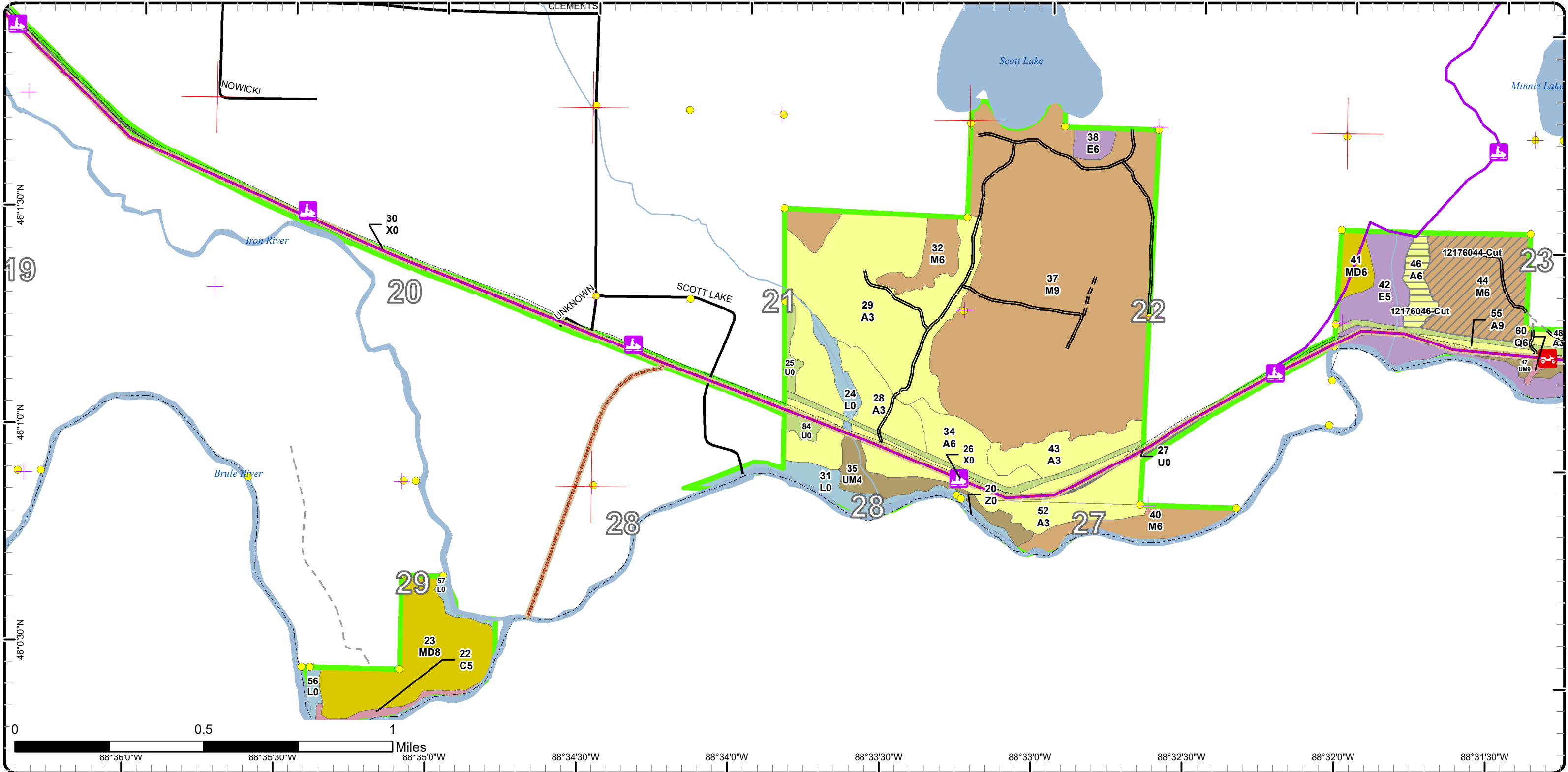


Cover Type & Treatments Map

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

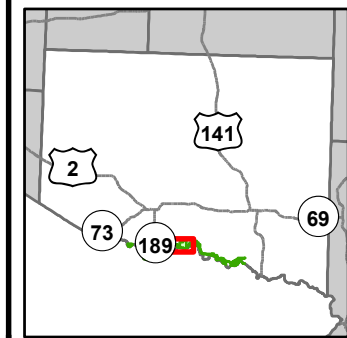


- | | | |
|---|-------------------------------------|---------------------|
| — Miris Corners | — Lake/Pond | 500 - Water |
| + Remonumented Section Corners | — Perennial River | 622 - Lowland Shrub |
| ● Survey Grade Corners | — Lakes and Rivers | |
| --- Counties | — Pipeline | |
| — DNR - Secondary Forest Road | ▭ Compartment Boundary | |
| == DNR - Forest Access Route | ▭ Clearcut (w/Reserves) | |
| — Federal / State / County - Paved Road | ▨ Thinning (Crown, Low, Systematic) | |
| - - Private - Dirt / Gravel Road | ■ 411 - Northern Hardwood | |
| ORV Routes | ■ 413 - Aspen | |
| SNV Snowmobile Trails | ■ 419 - Mixed Upland Deciduous | |
| — Designated ORV Route | ■ 430 - Upland Mixed Forest | |
| — Designated Snowmobile Trails | ■ 611 - Lowland Deciduous Forest | |
| — Designated RailTrail | ■ 612 - Lowland Coniferous Forest | |
| | ■ 122 - Roads/Parking Lot | |
| | ■ 320 - Upland Shrub | |



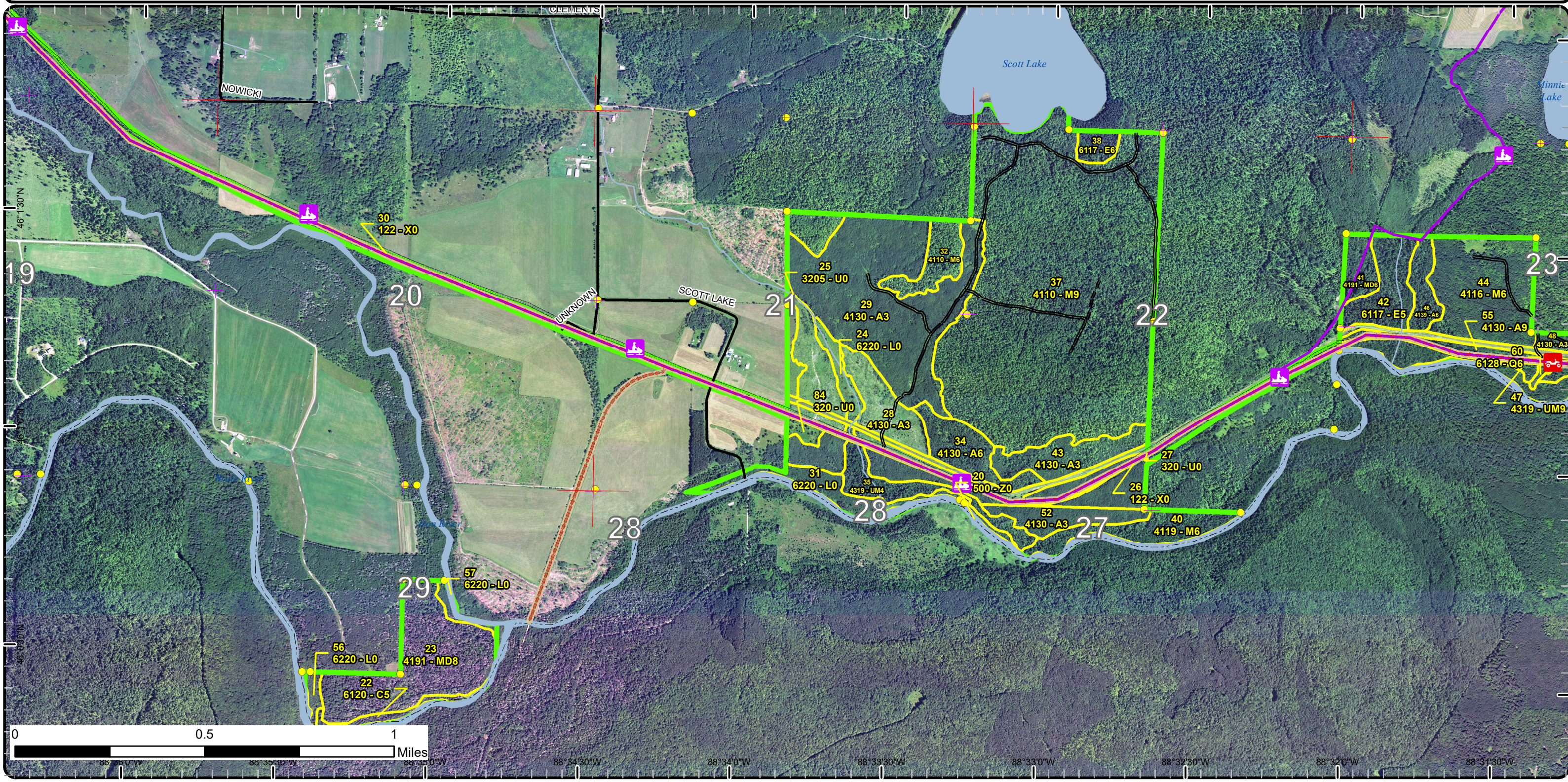
Stand Boundary Map

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice



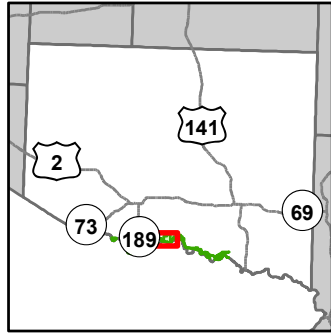
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Designated RailTrail
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 320 - Upland Shrub
- 500 - Water

622 - Lowland Shrub

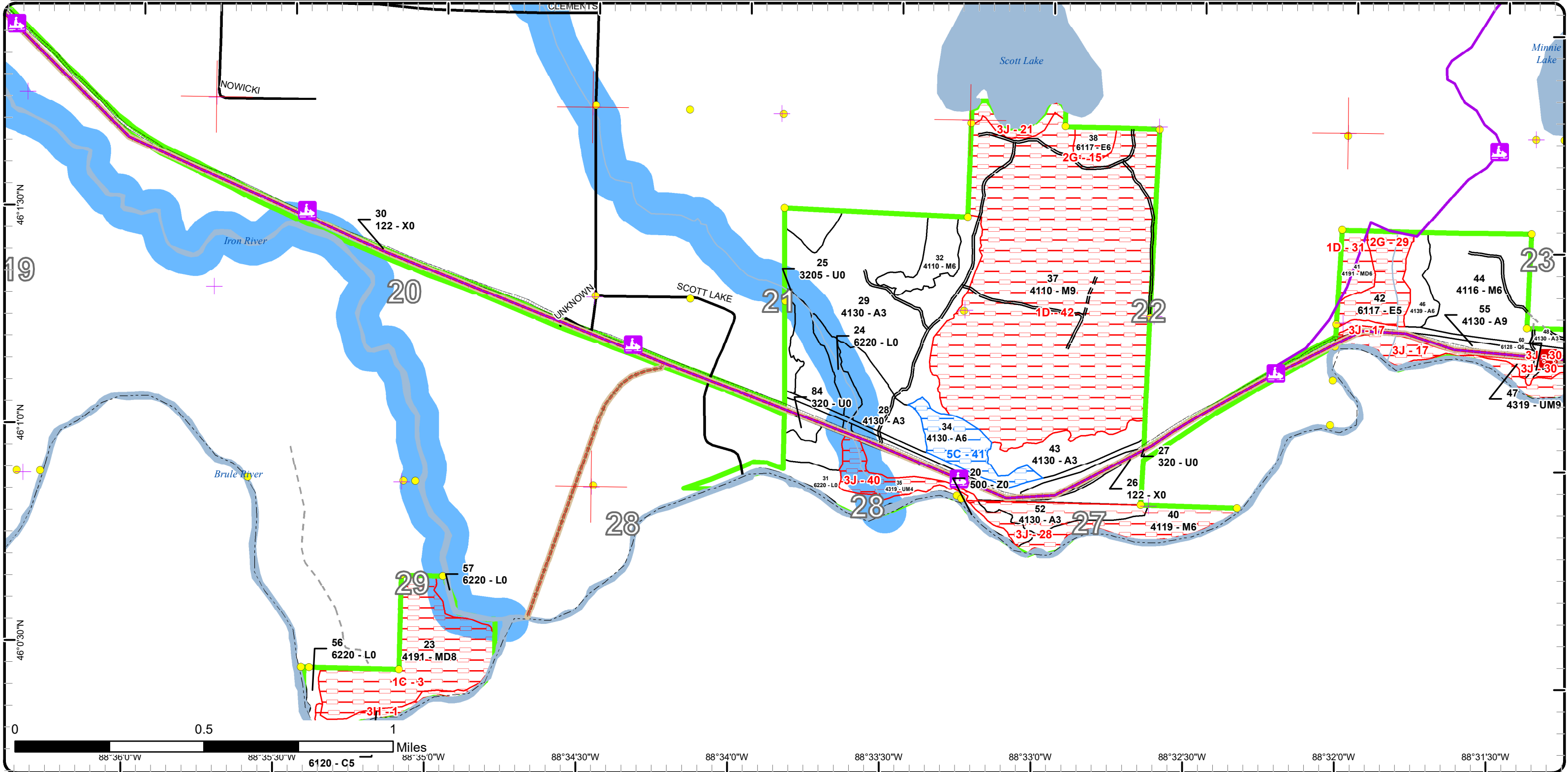


Special Conservation Areas

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

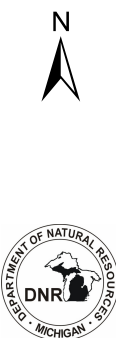
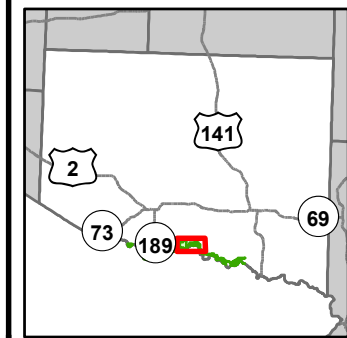


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Designated RailTrail
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 1C: Other dept or div proc/practices
- 1D: Interest Group / Neighbor
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer

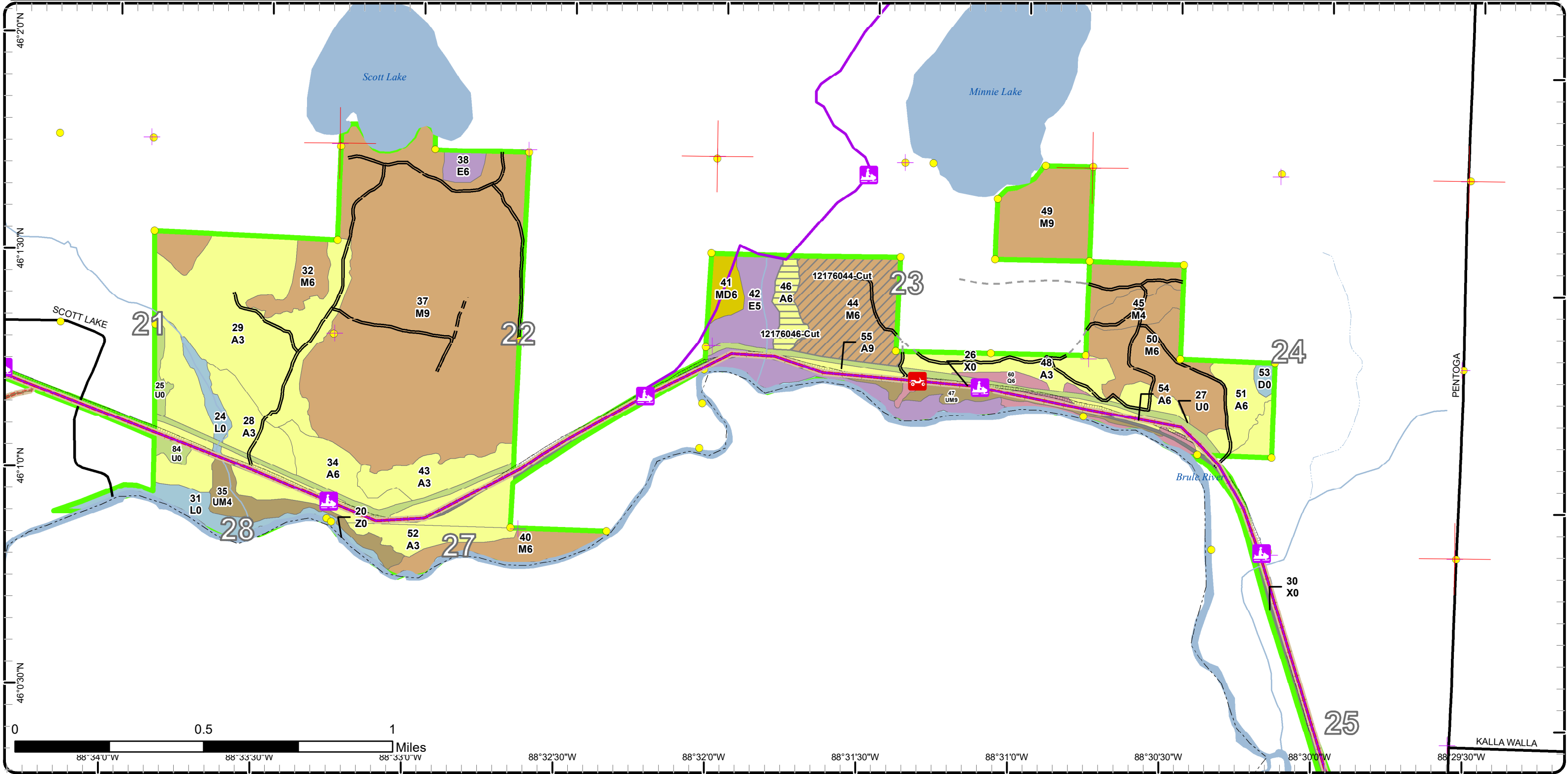


Cover Type & Treatments Map

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

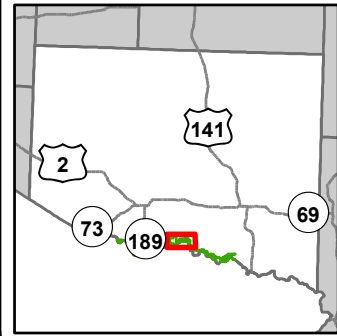


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- 🚗 ORV Routes
- 🚗 Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Designated RailTrail
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub

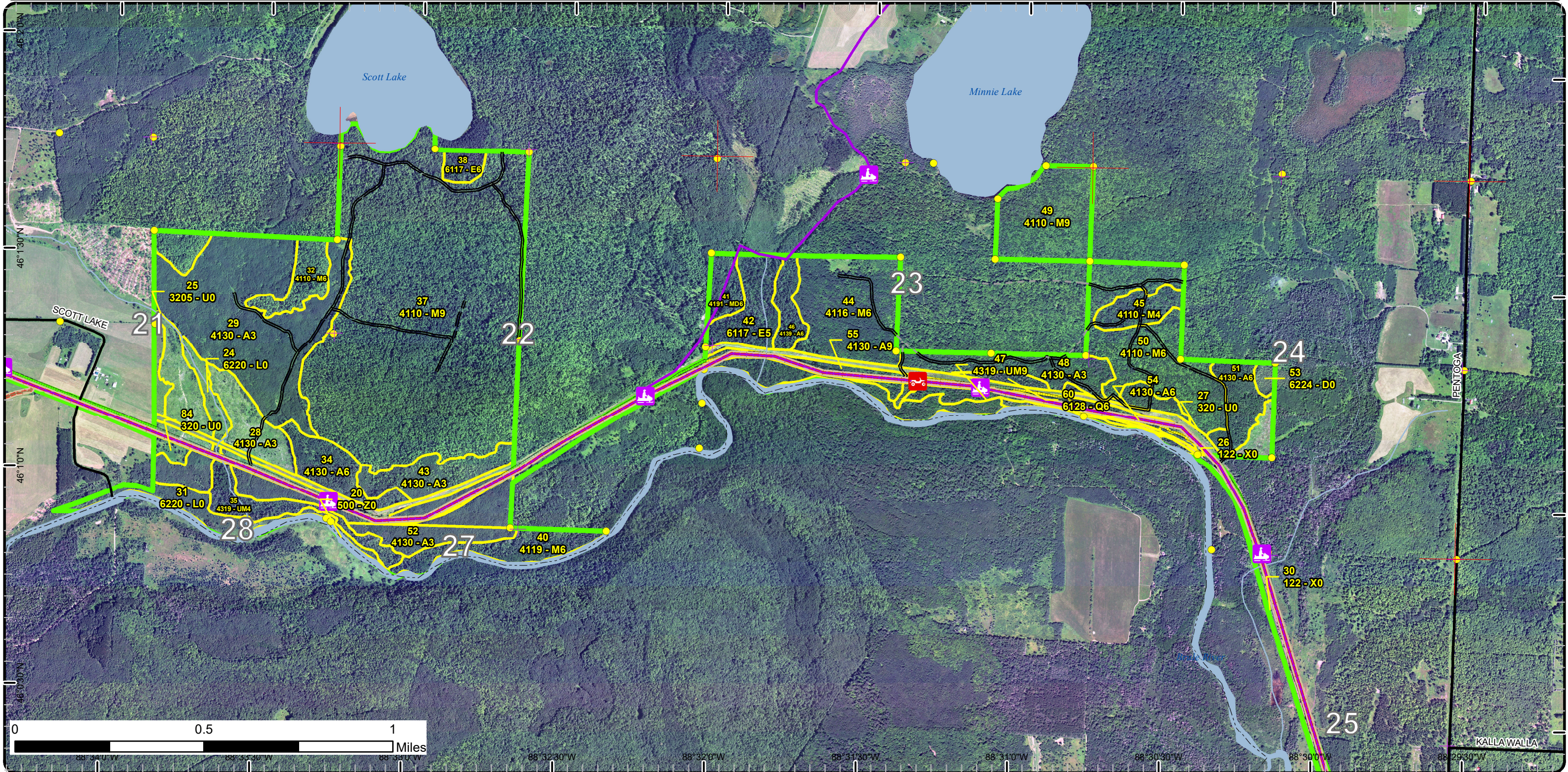


Stand Boundary Map

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

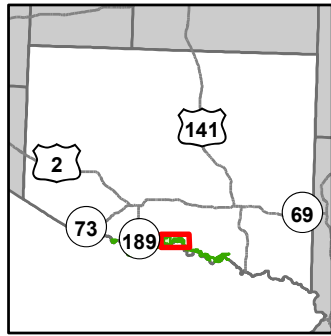


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Designated RailTrail
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Stand Boundaries
- 500 - Water
- 622 - Lowland Shrub
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 320 - Upland Shrub

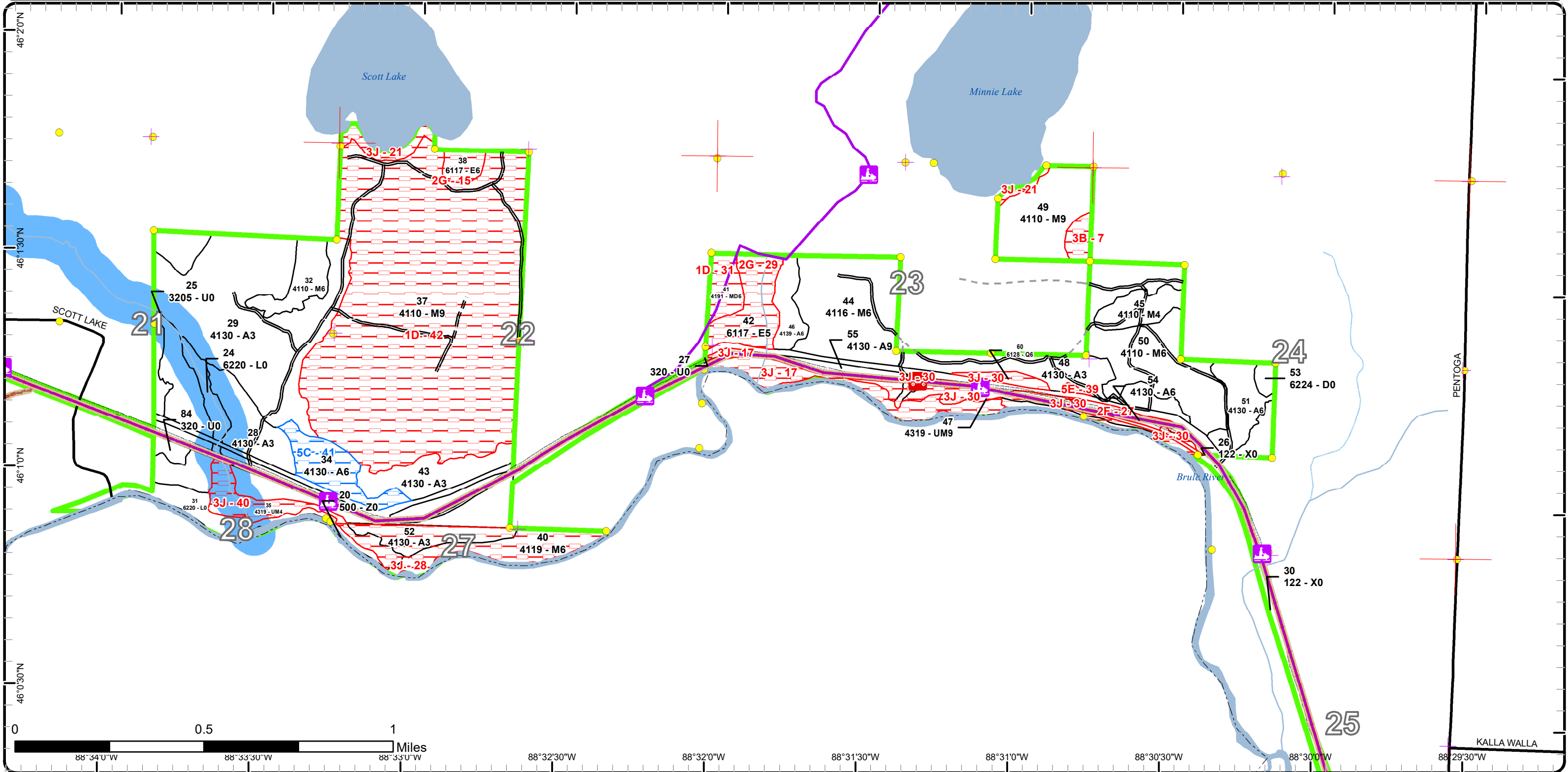


Special Conservation Areas

Compartment: 176
 T42N, R35W, Sec. 28-29, 31-33
 T43N, R32W, Sec. 05
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice
 Map Revised: 8/1/2023
 Map Phase: Review

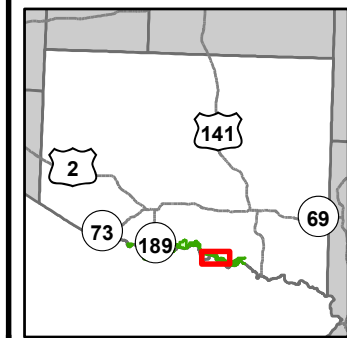


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Designated RailTrail
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 1D: Interest Group / Neighbor
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer

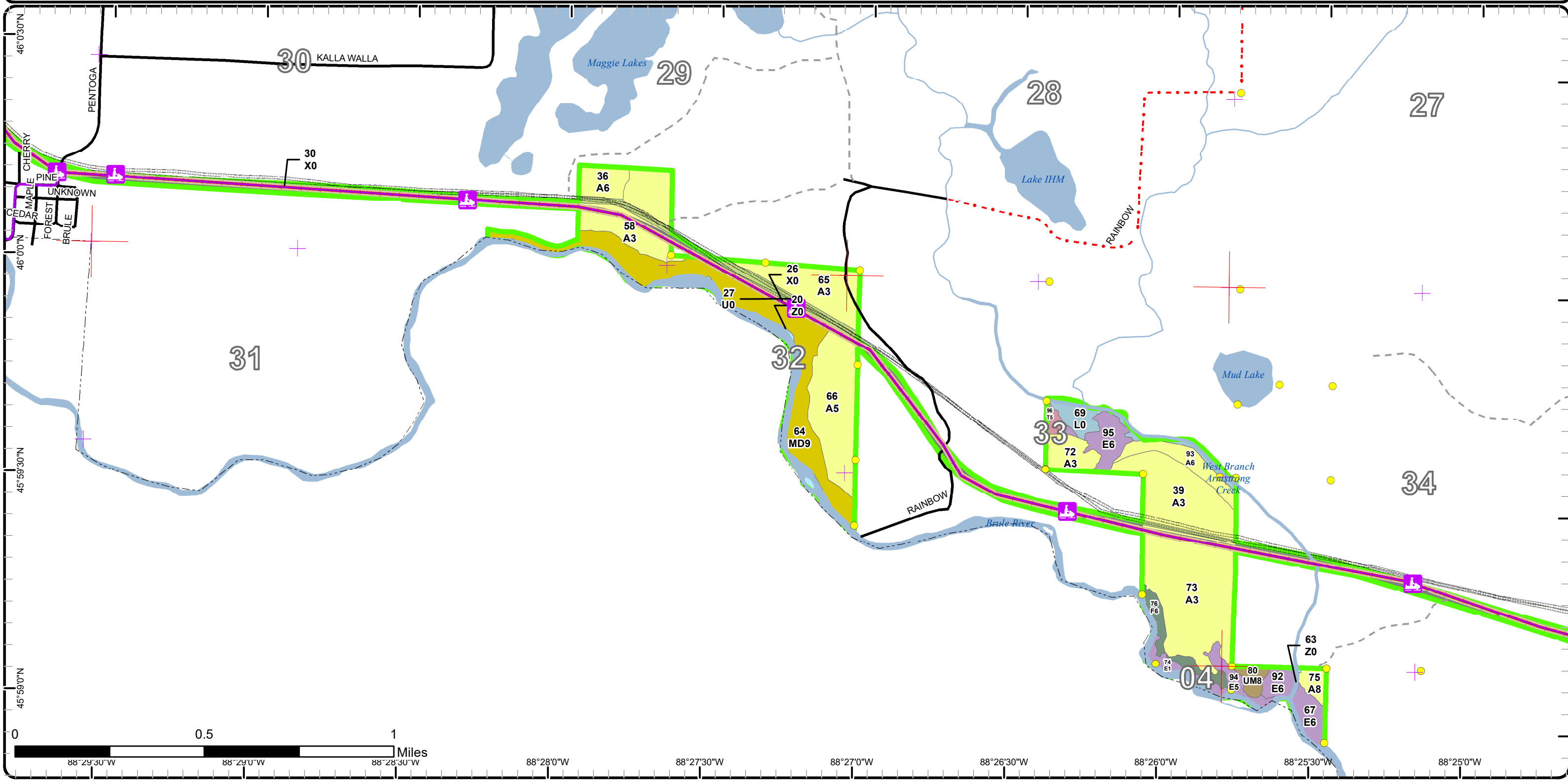


Cover Type & Treatments Map

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

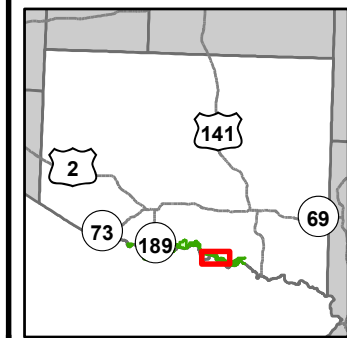


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Designated RailTrail
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub

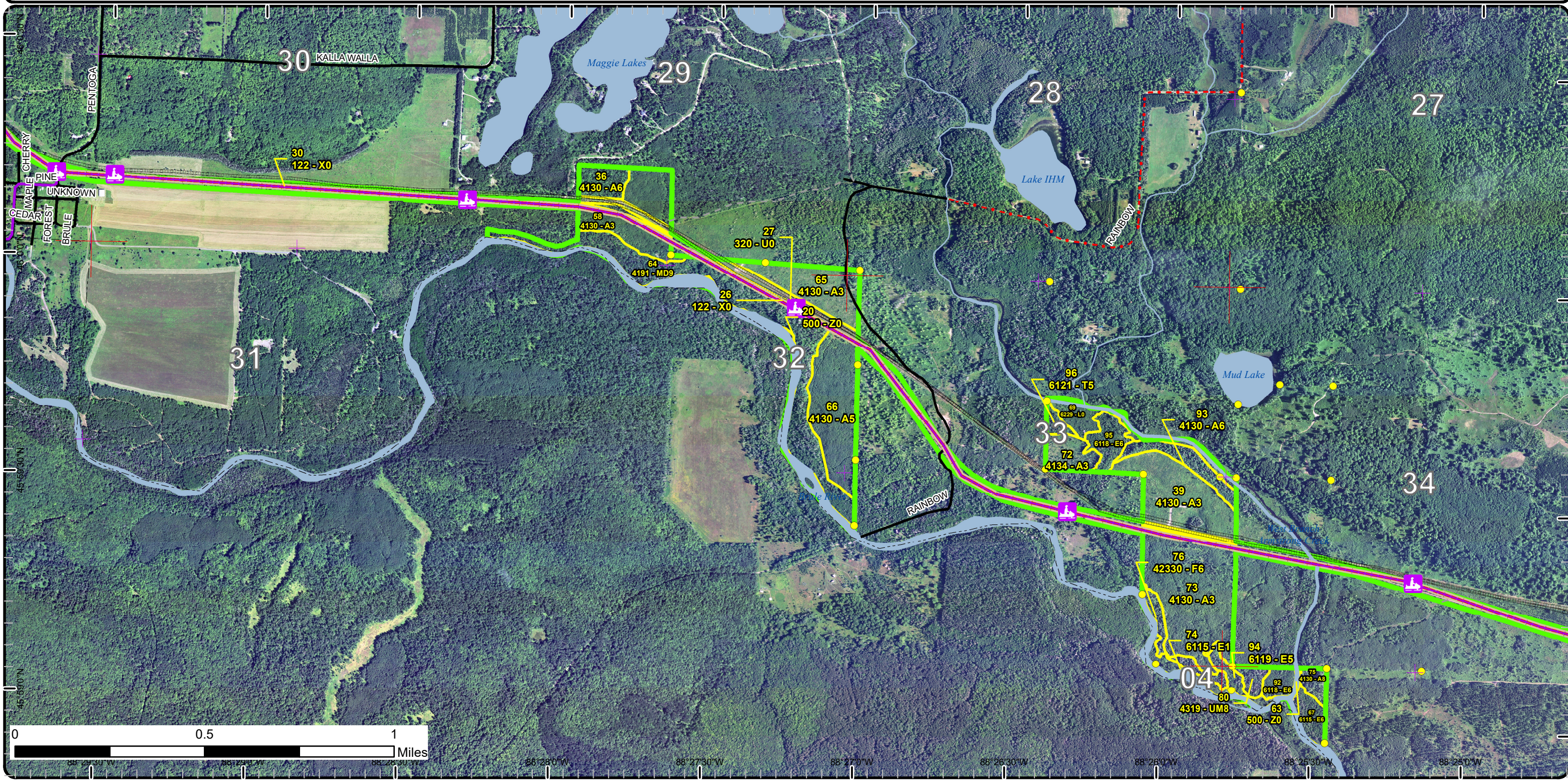


Stand Boundary Map

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

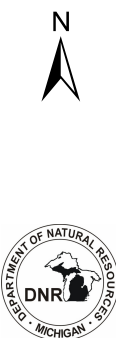
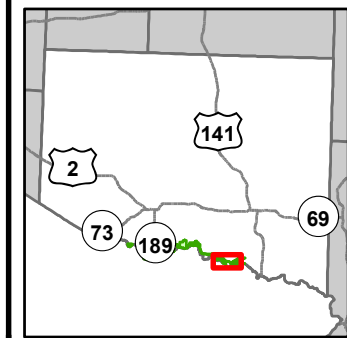


- | | | |
|---|--|--|
| <ul style="list-style-type: none"> — Miris Corners — Remonumented Section Corners ● Survey Grade Corners --- Counties — Federal / State / County - Paved Road - · - County - Gravel Road - - - Private - Dirt / Gravel Road ORV Routes Snowmobile Trails Designated ORV Route Designated Snowmobile Trails Designated Rail Trail Intermittent Stream | <ul style="list-style-type: none"> — Island in Lake or River — Lake/Pond — Perennial River — Lakes and Rivers — Pipeline Compartment Boundary Stand Boundaries 413 - Aspen 419 - Mixed Upland Deciduous 423 - Other Upland Conifers 430 - Upland Mixed Forest 611 - Lowland Deciduous Forest 612 - Lowland Coniferous Forest 122 - Roads/Parking Lot 320 - Upland Shrub | <ul style="list-style-type: none"> 500 - Water 622 - Lowland Shrub |
|---|--|--|

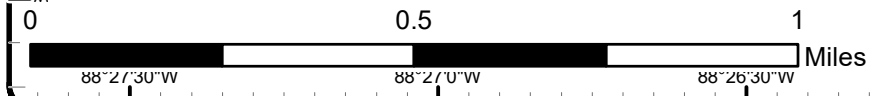
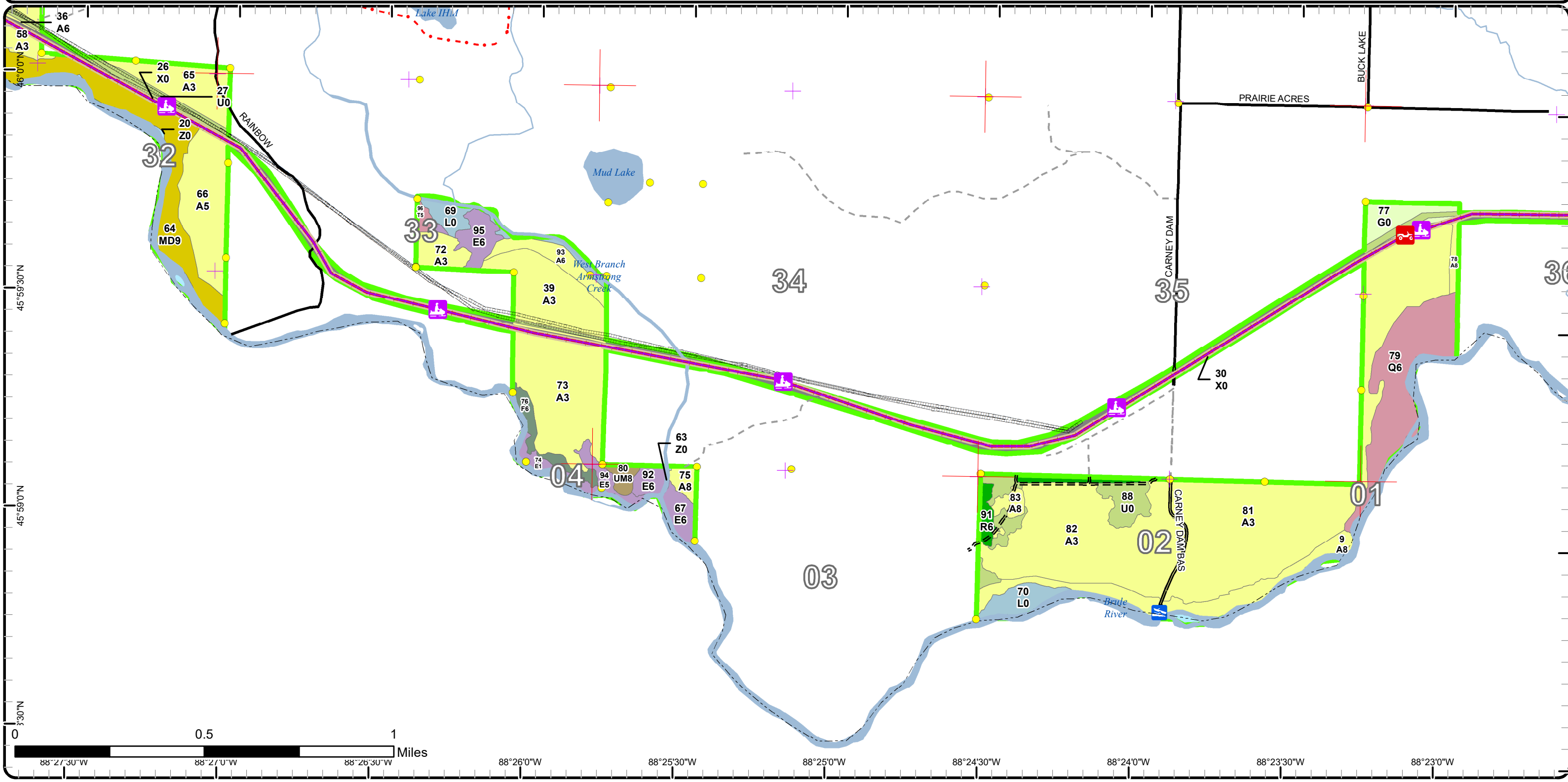


Cover Type & Treatments Map

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

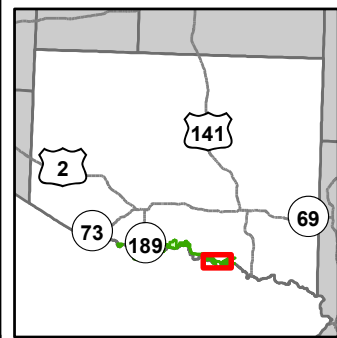


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Designated RailTrail
- 🚤 Boating Access Site
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub



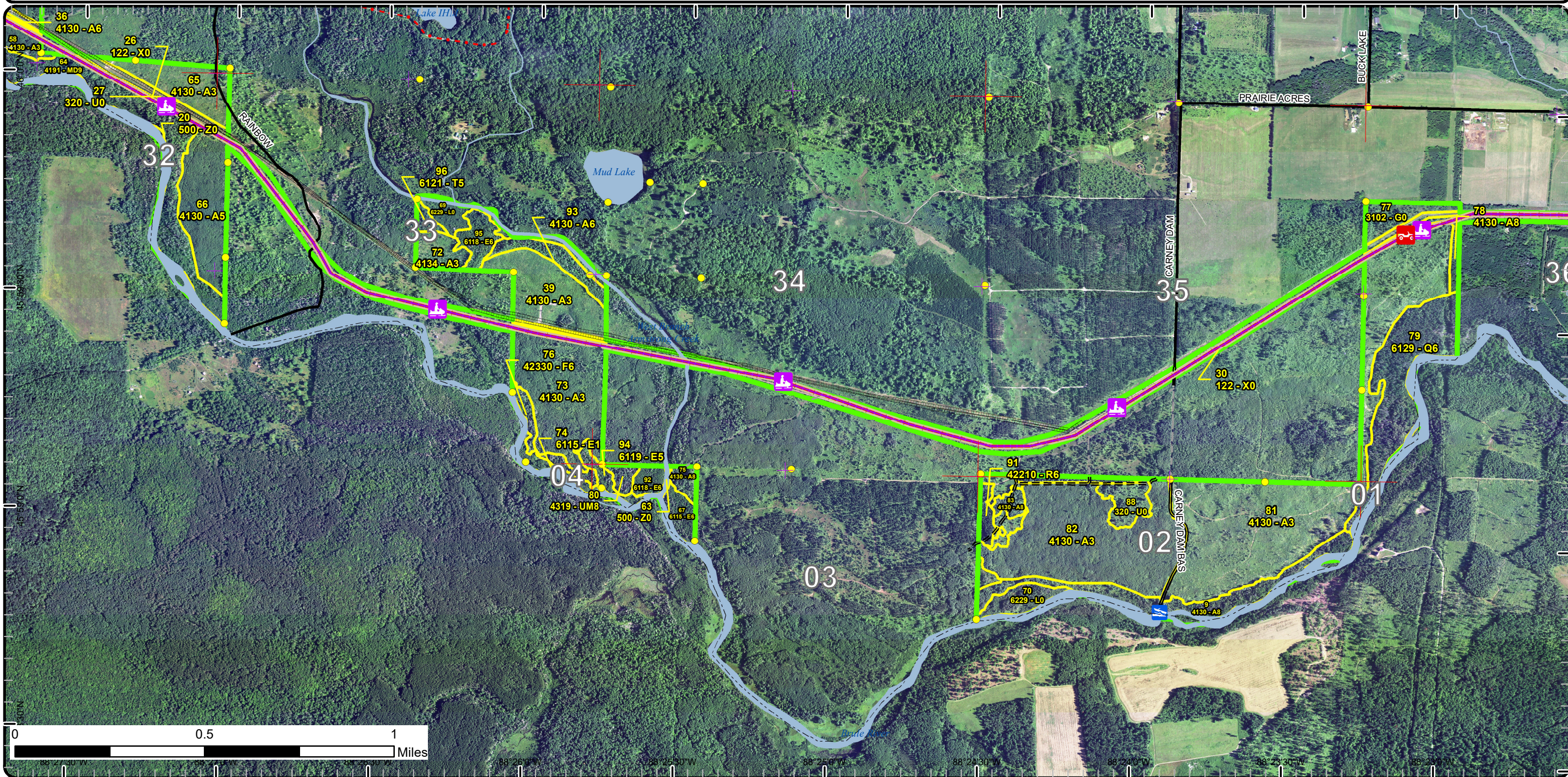
88°27'30"W 88°27'0"W 88°26'30"W 88°26'0"W 88°25'30"W 88°25'0"W 88°24'30"W 88°24'0"W 88°23'30"W 88°23'0"W

Stand Boundary Map



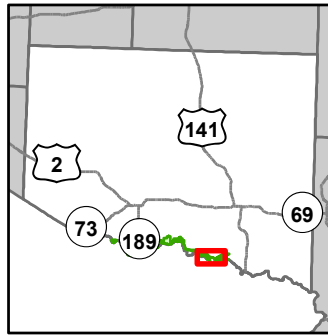
Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> Miris Corners Remonumented Section Corners Survey Grade Corners Counties DNR - Secondary Forest Road DNR - Forest Access Route Federal / State / County - Paved Road County - Gravel Road Private - Dirt / Gravel Road ORV Routes Snowmobile Trails Designated ORV Route Designated Snowmobile Trails | <ul style="list-style-type: none"> Designated RailTrail Boating Access Site Island in Lake or River Lake/Pond Perennial River Lakes and Rivers Pipeline Compartment Boundary Stand Boundaries | <ul style="list-style-type: none"> 612 - Lowland Coniferous Forest 122 - Roads/Parking Lot 310 - Herbaceous Openland 320 - Upland Shrub 500 - Water 622 - Lowland Shrub |
|--|---|---|

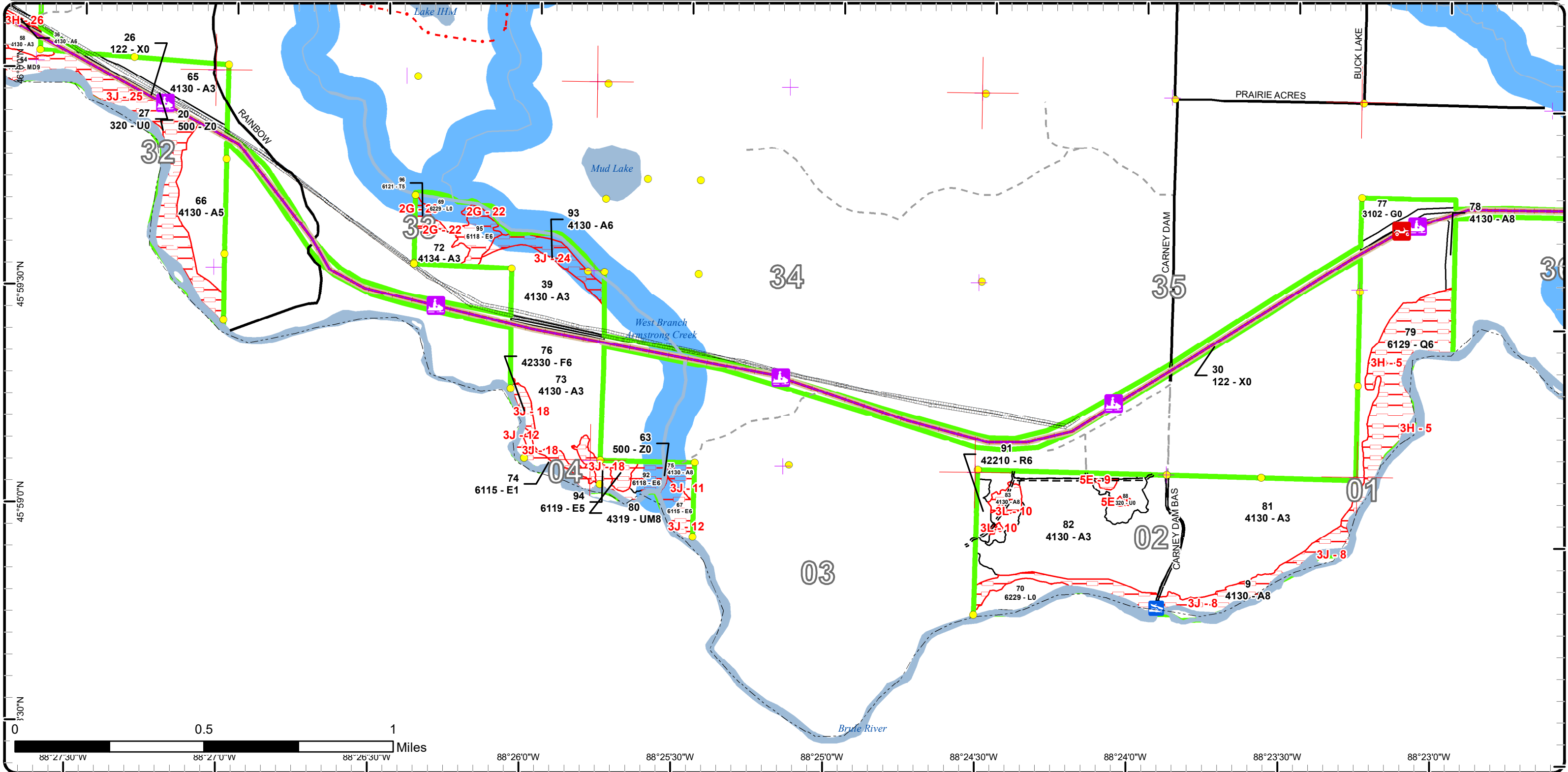


Special Conservation Areas

Compartment: 176
 T42N, R35W, Sec. 20, 27, 34, 36
 T41N, R35W, 01-02
 T42, R34W, 31
 T42N, R34W, Sec. 21-24, 27-29
 T42N, R33W, 29, 32-33, 36
 T41N, R33W, 1-3
 County: Iron
 Unit: Crystal Falls
 Mgmt Area: Brule River
 YOE: 2025
 Acres: 2181 GIS Calculated
 Examiner: Ed Rice



- Miris Corners
 - + Remonumented Section Corners
 - Survey Grade Corners
 - Counties
 - DNR - Secondary Forest Road
 - DNR - Forest Access Route
 - Federal / State / County - Paved Road
 - County - Gravel Road
 - Private - Dirt / Gravel Road
 - ORV Routes
 - Snowmobile Trails
 - Designated ORV Route
 - Designated Snowmobile Trails
 - Designated RailTrail
 - Boating Access Site
 - Island in Lake or River
 - Lake/Pond
 - Perennial River
 - Lakes and Rivers
 - Pipeline
 - Compartment Boundary
 - Unavailable
 - Stand Boundaries
 - Cold Water Streams
 - Cold Water Lakes
 - High Priority Trout Stream Buffer
- 2G: Too wet (sensitive soils, does not include access issues)
 3J: Water quality / BMPs (stream, river, or lake)
 3L: Other wildlife concerns
 5E: Long-Term Retention



Survey Needs:

one survey corner is needed

Recreational Facilities and Opportunities:

Recreational Trail runs through much of the compartment

Fire Protection:

The east end of the compartment is a drier aspen fuel type on pine sites. Historically there have been moderate sized fires in this area. Fuel breaks in the form of the recreation trail and roads exist, as do multiple access points for water sources. Access is good to fair.

Additional Compartment Information:**The following reports from the Inventory are attached:**

- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

The following information is displayed, where pertinent, on the attached compartment maps:

- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Report 1 – Total Acres by Cover Type and Age Class



Age Class

| | Non-Forest | 0-9 | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70-79 | 80-89 | 90-99 | 100-109 | 110-119 | 120-129 | 130-139 | 140-149 | 150+ | Unseen-Aged | Total |
|------------------------|------------|------------|------------|----------|-----------|------------|------------|------------|-----------|----------|-----------|-----------|----------|----------|----------|----------|----------|-------------|-------------|
| Aspen | 0 | 251 | 392 | 0 | 0 | 116 | 19 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 841 |
| Cedar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 88 |
| Herbaceous Openland | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Low-Density Trees | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Lowland Conifers | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| Lowland Deciduous | 0 | 0 | 0 | 0 | 10 | 47 | 8 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 94 |
| Lowland Shrub | 107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107 |
| Mixed Upland Deciduous | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 74 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 136 |
| Northern Hardwood | 0 | 0 | 0 | 0 | 0 | 18 | 46 | 11 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 373 | 494 |
| Red Pine | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Tamarack | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Treed Bog | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Upland Mixed Forest | 0 | 0 | 0 | 0 | 0 | 16 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| Upland Shrub | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 |
| Upland Spruce/Fir | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| Urban | 162 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 162 |
| Water | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 |
| Total | 412 | 251 | 392 | 0 | 10 | 221 | 120 | 205 | 99 | 0 | 87 | 14 | 0 | 0 | 0 | 0 | 0 | 373 | 2182 |



Report 2 – Treatment Summary

Crystal Falls Mgt. Unit
Year of Entry: 2025

Acres of Harvest

Compartment 176
Total Compartment Acres: 2,181

Commercial Harvest - 56
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

| | Clearcut | Selection | Patch Clearcut | Seed Tree | Shelterwood | Thinning | Overshory Removal | Salvage | Other | Total Acres |
|-------------------|----------|-----------|----------------|-----------|-------------|-----------|-------------------|----------|----------|-------------|
| Aspen | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| Northern Hardwood | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 46 |
| Total | 9 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 56 |

Proposed and Next Step Treatments by Method

| | Harvest | Site Prep | Planting | Seeding | Burning | Pesticide | Monitoring | Other | Non-Forest Mgt. | Total Acres |
|--------------|-----------|-----------|----------|----------|----------|-----------|------------|----------|-----------------|-------------|
| Current | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 |
| Next Step | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 9 |
| Total | 56 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 65 |



S
t
a
n
d

| Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|

Proposed Treatments:

| | | | | | | | | | | | |
|---|---------------------|------|----------------------------------|-----------------|----|--------------|---------|-------------------------|----------------------------|-------------|----|
| 44 | 12176044-Cut | 46.2 | 4116 - Mixed N. Hardwood - Aspen | Poletimber Well | 53 | 81-110 | Harvest | Crown Thinning | 411 - Northern Hardwood | Uneven-Aged | No |
| <p><u>Prescription</u> mark to 80 BA. treat aspen as part of the hardwood stand - * do not remove all aspen* avoid converting stand to aspen in understory. where available, leave at least one large crowned maple per acre for seed source. thin basswood very lightly - capture value of logs 16-18" dbh but do not remove all basswood. leave all species and size classes represented in the stand. do not cut oak or adjacent to oak, conifer, w birch or y birch. protect and buffer any vernal/low areas</p> <p><u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> n hardwoods with light aspen <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u> mixed stand of n hardwood species with aspen. stand is on a hardwood site and is naturally moving to a N hardwood stand given presence of h maple, basswood, and leatherwood. overall stand 100 BA due to higher stocking of aspen. only counting hardwoods:60BA M5A8M2</p> <p>NE corner of stand has an inclusion of n hardwoods - avg 80-90 BA M6M7</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p> | | | | | | | | | | | |
| 46 | 12176046-Cut | 9.4 | 4139 - Aspen, Mixed Deciduous | Poletimber Well | 61 | Unspec ified | Harvest | Clearcut with Retention | 4319 - Mixed Upland Forest | Even-Aged | No |
| <p><u>Prescription</u> removed merchantable aspen. cut spruce/fir 12" diameter stump and larger. do not cut tree species except listed above. protect the lowland edge, do not push lines into lowland type. buffer any vernal areas found</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate) <u>Treatments:</u></p> <p><u>Acceptable</u> aspen, spruce, fir <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u> mixed aspen stand transition from M6A8 to the E towards lowland in the W.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p> | | | | | | | | | | | |

Total Treatment 55.6
Acreage Proposed:

Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 176

Year of Entry: 2025

Availability for Management

| Total Acres | Acres Available | Acres Available With Condition | Acres Not Available |
|-------------|-----------------|--------------------------------|---------------------|
| 842 | 675 | 89 | 78 |
| 88 | 0 | 0 | 88 |
| 10 | 10 | 0 | 0 |
| 5 | 5 | 0 | 0 |
| 50 | 0 | 0 | 50 |
| 94 | 0 | 0 | 94 |
| 107 | 107 | 0 | 0 |
| 136 | 0 | 0 | 136 |
| 495 | 160 | 0 | 335 |
| 7 | 7 | 0 | 0 |
| 2 | 0 | 0 | 2 |
| 3 | 3 | 0 | 0 |
| 28 | 0 | 0 | 28 |
| 59 | 58 | 0 | 1 |
| 30 | 0 | 0 | 30 |
| 162 | 162 | 0 | 0 |
| 65 | 65 | 0 | 0 |
| 2,181 | 1,251 | 89 | 841 |
| | 57% | 4% | 39% |

Dominant Site Conditions

| | Dominant Site Conditions | | | | | | | | | | | | | |
|-----------------------------|--------------------------|----|-----|----|----|----|----|----|-----|-----|----|----|---|--|
| | 5C | 1C | 1D | 2A | 2F | 2G | 2H | 3B | 3H | 3J | 3L | 5E | | |
| Aspen | 89 | | | | 14 | | | | 14 | 48 | 3 | | | |
| Cedar | | | | | | | | | 88 | | | | | |
| Herbaceous Openland | | | | | | | | | | | | | | |
| Low-Density Trees | | | | | | | | | | | | | | |
| Lowland Conifers | | | | | | | | | 38 | 12 | | | 1 | |
| Lowland Deciduous | | | | | | 32 | 0 | | | 61 | | | | |
| Lowland Shrub | | | | | | | | | | | | | | |
| Mixed Upland Deciduous | | 53 | 9 | | | | | | | 73 | | | | |
| Northern Hardwood | | | 258 | 46 | | | | 5 | | 26 | | | | |
| Red Pine | | | | | | | | | | | | | | |
| Tamarack | | | | | | 2 | | | | | | | | |
| Treed Bog | | | | | | | | | | | | | | |
| Upland Mixed Forest | | | | | | | | | | 28 | | | | |
| Upland Shrub | | | | | | | | | | | | | 1 | |
| Upland Spruce/Fir | | | | | | | | | | 30 | | | | |
| Urban | | | | | | | | | | 0 | | | | |
| Water | | | | | | | | | | | | | | |
| Total Forested Acres | 89 | 53 | 267 | 46 | 14 | 34 | 0 | 5 | 139 | 278 | 3 | | 2 | |
| Relative Percent | | | | | | | | | | | | | | |

**Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

| Site No. | Dominant Site Cond Availability | Dominant Site Condition | Acres | Other Site Condition | Other Site Condition | Other Site Condition | Other Site Condition |
|------------------|---------------------------------|---|-------|---|--|----------------------|----------------------|
| 1 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 6 | 3J: Water quality / BMPs (stream, river, or lake) | (Inactive)3I: Historical / archeological (add locked comments) | Unspecified | Unspecified |
| Comments: | | | | | | | |
| | | | | | | | |

Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 176

Year of Entry: 2025

| | | | | | | | |
|---|--------------------|--|----|---|---|-------------|-------------|
| 2 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 71 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 3 | Unavailable | 1C: Other dept or div proc/practices | 53 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 4 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 8 | 3J: Water quality / BMPs (stream, river, or lake) | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 5 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 38 | 3J: Water quality / BMPs (stream, river, or lake) | 2G: Too wet (sensitive soils, does not include access issues) | Unspecified | Unspecified |
| Comments: heavy winter deer use, multiple springs - open water/muck | | | | | | | |
| 6 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 11 | 3J: Water quality / BMPs (stream, river, or lake) | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 7 | Unavailable | 3B: Threatened, endangered, and special concern species | 5 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 176

Year of Entry: 2025

| | | | | | | | |
|---|-------------|--|----|---|---|-------------|-------------|
| 8 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 23 | 5E: Long-Term Retention | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 9 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 10 | Unavailable | 3L: Other wildlife concerns | 3 | 5E: Long-Term Retention | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 11 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 3 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: far majority of stand lies within buffer to Armstrong Creek | | | | | | | |
| 12 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 18 | 2G: Too wet (sensitive soils, does not include access issues) | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 13 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 3 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 176

Year of Entry: 2025

| | | | | | | | |
|--|--------------------|---|----|---|-------------|-------------|-------------|
| 14 | Unavailable | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 0 | 3J: Water quality / BMPs (stream, river, or lake) | Unspecified | Unspecified | Unspecified |
| Comments: Island in Brule River. | | | | | | | |
| 15 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 5 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 16 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 24 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: conifer adjacent to Brule River and associated bottomlands | | | | | | | |
| 17 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 19 | 2G: Too wet (sensitive soils, does not include access issues) | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 18 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 9 | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 176

Year of Entry: 2025

| | | | | | | | |
|---|--------------------|--|---|---|-------------|-------------|-------------|
| 19 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 7 | 3J: Water quality / BMPs (stream, river, or lake) | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 20 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 2 | 5D: Unproductive Forest Land | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 21 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 8 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 22 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 8 | 3J: Water quality / BMPs (stream, river, or lake) | Unspecified | Unspecified | Unspecified |
| Comments: intermittent stream, drainage flows out of stand, feeder to Armstrong Creek | | | | | | | |
| 23 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 5 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: last older aged stand with overhead conifer in this state block. very heavily used by wintering deer as a travel corridor | | | | | | | |
| 24 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 8 | 5E: Long-Term Retention | Unspecified | Unspecified | Unspecified |
| Comments: buffer to Armstrong Creek, retention to adjacent cut stand | | | | | | | |

Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 176

Year of Entry: 2025

| | | | | | | | |
|--|--------------------|--|----|---|-------------|-------------|-------------|
| 25 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 47 | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | Unspecified | Unspecified | Unspecified |
| Comments: buffer to Brule River, very heavy winter deer use | | | | | | | |
| 26 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 8 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: hold into the future until other stands mature in this block of state ownership. portion of only remaining older age class stand providing cover. heavy winter use | | | | | | | |
| 27 | Unavailable | 2F: Too steep | 6 | 3J: Water quality / BMPs (stream, river, or lake) 5E: Long-Term Retention | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 28 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 35 | (Inactive)3I: Historical / archeological (add locked comments) | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 29 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 19 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 30 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 21 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 176

Year of Entry: 2025

| | | | | | | | |
|---|-------------|---|----|---|-------------|-------------|-------------|
| 31 | Unavailable | 1D: Interest Group / Neighbor | 9 | Unspecified | Unspecified | Unspecified | Unspecified |
| <p>Comments: undiv interest</p> | | | | | | | |
| 32 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 3 | Unspecified | Unspecified | Unspecified | Unspecified |
| <p>Comments:</p> | | | | | | | |
| 33 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 27 | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | Unspecified | Unspecified | Unspecified |
| <p>Comments: left as buffer to river, heavily used by wintering deer</p> | | | | | | | |
| 34 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 13 | Unspecified | Unspecified | Unspecified | Unspecified |
| <p>Comments:</p> | | | | | | | |
| 35 | Unavailable | 2F: Too steep | 8 | 3B: Threatened, endangered, and special concern species | Unspecified | Unspecified | Unspecified |
| <p>Comments:</p> | | | | | | | |

Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 176

Year of Entry: 2025

| | | | | | | | |
|---|--------------------|---|----|---|--------------------------------------|-------------|-------------|
| 36 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 40 | 3J: Water quality / BMPs (stream, river, or lake) | 2A: Adjacent landowner denied access | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 37 | Unavailable | 2A: Adjacent landowner denied access | 46 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 38 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 20 | 2G: Too wet (sensitive soils, does not include access issues) | 2A: Adjacent landowner denied access | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 39 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 40 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 12 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 41 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 17 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| only remaining aged aspen in area, stand surrounded by young A3 | | | | | | | |

Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 176

Year of Entry: 2025

| | | | | | | | |
|--|--------------------|--------------------------------------|-----|-------------|-------------|-------------|-------------|
| 42 | Unavailable | 1D: Interest Group / Neighbor | 258 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: undivided interest | | | | | | | |

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

| SCA Name | SCA Category | Detail Type | Recommendation | Acres |
|----------|--------------|-------------|----------------|-------|
|----------|--------------|-------------|----------------|-------|

Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

| Conservation Area | Type | Description |
|-------------------|-------------------|--|
| SCA | Cold Water Lake | A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200. |
| SCA | Cold Water Stream | A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210. |
| SCA | Riparian Area | A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity. |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|------------|------------|-------------|--------------|--|----|--------------|----|----|---------------|----|--------------|----|----|--------------|----|--------------|----|--|---|----|--------------------|---------|-------------|--|---------------------|--------------------|----------|-------------|---|---------------------|--------------------|-------------|-------------|---|------------|--------------------|--------------|-------------|-----------|------------|-------------|--------------|---------|---------------------|--------|-------------|------------|
| 1 | 4110 - Sugar Maple Association | Poletimber Well | 46.2 | 70 | 111-140 | N/A | *unable to gain access from adjacent private landowner for field verification. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>85</td> <td>Log/Pole</td> <td>10</td> <td>70</td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 85 | Log/Pole | 10 | 70 | Quaking Aspen | 5 | Log | 12 | | Balsam Fir | 5 | Pole | 8 | | Yellow Birch | 5 | Log/Pole | 10 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | Low | Variable | Sapling | Sugar Maple | Low | Variable | Sapling | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 85 | Log/Pole | 10 | 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 5 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow Birch | 5 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 42360 - Upland Cedar | Poletimber Medium | 39.5 | 95 | Unspecified | N/A | *unable to gain access through adjacent private landowner for field verification. small openings in canopy throughout stocked with tag alder. areas immediately adjacent to Brule R. higher stocked with tag alder and swamp grass. NE of the stand has a small, isolated n hardwood inclusion heavy winter deer use | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>65</td> <td>Log</td> <td>12</td> <td>95</td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Northern White Cedar | 65 | Log | 12 | 95 | Black Spruce | 5 | Pole | 7 | | Black Ash | 10 | Pole | 7 | | Quaking Aspen | 10 | Log | 12 | | Balsam Fir | 10 | Pole/Sapling | 6 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | High | 10 - 20 feet | Sapling | Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 65 | Log | 12 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Ash | 10 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 10 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 6115 - Lowland Ash | Poletimber Well | 11.4 | 60 | Unspecified | N/A | unable to gain access from adjacent landowner to field verify. B ash lowlands with associated spruce/fir adjacent to the Brule R. tag alder understory | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 4191 - Mixed Upland Deciduous with Conifer | Poletimber Well | 26.8 | 62 | 81-110 | N/A | stand transitions to heavy fir saplings near to Brule River. pockets of h maple/ r maple small poletimber and saplings. N end of the stand is higher stocked to aspen with fully stocked fir saplings and tag alder - low to semi low ground. small inclusion of cedar in the S end and scattered along the river. NW transitions to moderately stocked heavy winter deer use | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Log</td> <td>12</td> <td>62</td> </tr> <tr> <td>Sugar Maple</td> <td>15</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Spruce | 10 | Log | 12 | | Balsam Poplar | 5 | Log | 12 | | Red Maple | 5 | Pole | 7 | | Quaking Aspen | 30 | Log | 12 | 62 | Sugar Maple | 15 | Pole/Sapling | 6 | | Paper Birch | 5 | Pole | 7 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | High | 10 - 20 feet | Sapling | Hazelnut (American) | Medium | 5 - 10 feet | Tall Shrub |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 10 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Poplar | 5 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 30 | Log | 12 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 15 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (American) | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 4134 - Aspen, Spruce/Fir | Sapling Well | 22.1 | 14 | Unspecified | N/A | younger conifer throughout, some areas well stocked pockets | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Black Cherry</td> <td>10</td> <td>Sapling/Pole</td> <td>2</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 70 | Sapling | 2 | 14 | Black Cherry | 10 | Sapling/Pole | 2 | | Balsam Fir | 20 | Pole/Sapling | 5 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (American) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 70 | Sapling | 2 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Sapling/Pole | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 20 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (American) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 4134 - Aspen, Spruce/Fir | Sawtimber Well | 5.4 | 52 | Unspecified | N/A | majority of w spruce has died out. this portion of stand was left for raptor nest buffer previously heavy winter deer use. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Log/Pole</td> <td>10</td> <td>52</td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>30</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Black Cherry | 5 | Pole/Sapling | 6 | | Quaking Aspen | 60 | Log/Pole | 10 | 52 | White Spruce | 5 | Log | 12 | | Balsam Fir | 30 | Pole/Sapling | 6 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (American) | Medium | 5 - 10 feet | Tall Shrub | Cherry (spp.) | Low | 10 - 20 feet | Sapling | Balsam Fir | Low | Variable | Sapling | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 60 | Log/Pole | 10 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 5 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 30 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (American) | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cherry (spp.) | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------|--------------------|------------|-------------|-------------|--------------|---|--------------|--------------|---------------|-----|---------------|-----|--------------|-----|--------------|---------------|----|--------------|----|----|---|---|--------------------|---------|-------------|---|------------|--------------------|--------------|-------------|---|------------|--------------------|--------------|-------------|---------------------|-----------|----------|-------------|--------------|-----|--------------|---------|--|--|--|--|
| 7 | 4130 - Aspen | Sapling Poor | 12.2 | 3 | Immature | N/A | entire stand is severely windthrown. naturally regenerating to aspen. very scattered residual aspen 11-12" dbh with cherry 6" dbh. SW end has slightly higher residual where the stand was more protected from the wind event | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>85</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 85 | Sapling | 1 | 3 | Black Cherry | 5 | Sapling | 1 | | Balsam Fir | 10 | Sapling/Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 85 | Sapling | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Sapling/Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 330 - Low-Density Trees | Nonstocked | 5.5 | | Unspecified | No | open to semi open in many areas. small inclusions of aspen 10-13" dbh with fir in NW of the stand. open grown cherry. fir saplings 3-20' tall | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>>20 feet</td> <td>Log</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Black Cherry | Low | 10 - 20 feet | Pole | Quaking Aspen | Low | >20 feet | Log | White Spruce | Low | 10 - 20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 10 - 20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Low | >20 feet | Log | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | Low | 10 - 20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 4130 - Aspen | Sawtimber Medium | 23.1 | 61 | Unspecified | N/A | Buffer and bottomland adjacent to Brule R. far W end transitions to small inclusion of A6 , 6-8"dbh. much of stand lies along a steep hillside down to the river | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>25</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Log</td> <td>12</td> <td>61</td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Spruce | 5 | Pole | 7 | | Balsam Poplar | 25 | Log/Pole | 12 | | Quaking Aspen | 60 | Log | 12 | 61 | Black Cherry | 5 | Pole/Log | 8 | | Balsam Fir | 5 | Pole | 6 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tag Alder | Medium | 5 - 10 feet | Tall Shrub | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Poplar | 25 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 60 | Log | 12 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 4134 - Aspen, Spruce/Fir | Sapling Well | 14.8 | 14 | Unspecified | N/A | heavier fir in S of stand. W edges have severe windthrow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>75</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Black Cherry | 5 | Sapling/Pole | 4 | | Quaking Aspen | 75 | Sapling | 2 | 14 | Balsam Fir | 15 | Pole/Sapling | 5 | | White Spruce | 5 | Pole/Sapling | 5 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (American)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | High | 10 - 20 feet | Sapling | Hazelnut (American) | Low | < 5 feet | Tall Shrub | Black Cherry | Low | 10 - 20 feet | Sapling | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 75 | Sapling | 2 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 15 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 5 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (American) | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 6120 - Lowland Cedar | Sawtimber Medium | 3.1 | 95 | Unspecified | N/A | small inclusion of tamarack in NE immediately adjacent to the high ground. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>75</td> <td>Log</td> <td>14</td> <td>95</td> </tr> <tr> <td>Black Spruce</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>15</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Northern White Cedar | 75 | Log | 14 | 95 | Black Spruce | 10 | Pole | 7 | | Tamarack | 15 | Log/Pole | 10 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | High | 10 - 20 feet | Sapling | Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 75 | Log | 14 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 10 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 15 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 6220 - Alder/willow | Nonstocked | 5.3 | 0 | Unspecified | No | whole stand severe windthrow - open tag alder with very widely scattered cedar, tamarack | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------|-------------------|------------|------------|-------------|--------------|--|----|--------------|---|----|-------------|----|--------------|---|----|----------------------|----|--------------|----|----|--|---|--------------------|---------|-------------|---|---------------|--------------------|-------------|-------------|---|--------------|--------------------|--------------|-------------------|---|---------------------|--------------------|---------------------|-----------------|----------|------------|------------|--------------|---------|-----------|------|-------------|------------|
| 13 | 42340 - Upland Spruce/Fir | Poletimber Medium | 24.0 | 60 | Unspecified | N/A | spruce/fir along river corridor, scattered aspen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>30</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>55</td> <td>Pole</td> <td>8</td> <td>60</td> </tr> <tr> <td>Black Cherry</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Spruce | 30 | Pole/Log | 9 | | Balsam Fir | 55 | Pole | 8 | 60 | Black Cherry | 10 | Pole | 8 | | Quaking Aspen | 5 | Log | 12 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Spp.)</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | White Spruce | Medium | 10 - 20 feet | Sapling | Balsam Fir | Medium | 10 - 20 feet | Sapling | Hazelnut (Spp.) | High | < 5 feet | Tall Shrub | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 30 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 55 | Pole | 8 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 5 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 4130 - Aspen | Sapling Well | 34.2 | 11 | Unspecified | N/A | slight component of hemlock and upland cedar along W edge, adjacent to neighboring n hardwoods. E side has retention buffer of mature aspen, r maple and spruce/fir | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>80</td> <td>Sapling</td> <td>2</td> <td>11</td> </tr> <tr> <td>Sugar Maple</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 80 | Sapling | 2 | 11 | Sugar Maple | 5 | Sapling | 1 | | Black Cherry | 5 | Sapling/Pole | 4 | | Balsam Fir | 5 | Sapling/Pole | 4 | | Red Maple | 5 | Sapling | 1 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (American)</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (American) | High | < 5 feet | Tall Shrub | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 80 | Sapling | 2 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (American) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 3102 - Grass | Nonstocked | 0.7 | | Unspecified | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 6120 - Lowland Cedar | Sawtimber Medium | 24.3 | 95 | Unspecified | N/A | scattered cherry, r maple, and w birch small poletimber in SW. far N end has small inclusion of tamarack with a small component of w pine. small inclusion of b ash in NE along river. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>70</td> <td>Log</td> <td>12</td> <td>95</td> </tr> <tr> <td>Black Ash</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Balsam Fir | 5 | Pole/Sapling | 5 | | Tamarack | 5 | Pole | 9 | | Northern White Cedar | 70 | Log | 12 | 95 | Black Ash | 5 | Pole | 7 | | Sugar Maple | 5 | Pole | 8 | | Black Spruce | 10 | Pole | 8 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | High | 10 - 20 feet | Sapling | Tag Alder | High | 5 - 10 feet | Tall Shrub |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 5 | Pole | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 70 | Log | 12 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Ash | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 4134 - Aspen, Spruce/Fir | Poletimber Well | 71.3 | 48 | Unspecified | N/A | aspen still in good shape - growing well. 6-11" dbh | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>25</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Pole/Log</td> <td>8</td> <td>48</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Balsam Fir | 25 | Pole/Sapling | 5 | | Red Maple | 5 | Pole/Sapling | 5 | | Quaking Aspen | 70 | Pole/Log | 8 | 48 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Common Blackberry</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Cherry (spp.) | Low | 5 - 10 feet | Sapling | Balsam Fir | High | Variable | Sapling | Common Blackberry | Low | < 5 feet | Tall Shrub | Hazelnut (American) | Medium | < 5 feet | Tall Shrub | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 25 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 70 | Pole/Log | 8 | 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cherry (spp.) | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Common Blackberry | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (American) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 6220 - Alder/willow | Nonstocked | 4.9 | 0 | Unspecified | No | stand has heavy tag alder. inclusions of balm, aspen and fir with cedar. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 6220 - Alder/willow | Nonstocked | 11.1 | 0 | Unspecified | No | heavy tag alder. scattered cedar and fir. W end has small inclusion of aspen 12" dbh with spruce/fir. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 500 - Water | Nonstocked | 64.7 | 0 | Unspecified | No | Brule River | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | |
|-------|--|-----------------------|----------------|-------------------|-------------|--------------|---|----------------|--------------------|-------------|
| 21 | 6220 - Alder/willow | Nonstocked | 10.6 | 0 | Unspecified | No | tag alder with small inclusions of aspen, spruce, fir. small island inclusion in SW | | | |
| 22 | 6120 - Lowland Cedar | Poletimber Medium | 5.7 | 101 | Unspecified | N/A | pockets of well stocked cedar interspersed with fir and tag alder. heavy winter deer usage | | | |
| | | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | | Northern White Cedar | 65 | Log/Pole | 10 | 101 | Balsam Fir | Low | 10 - 20 feet | Sapling |
| | | Balsam Poplar | 5 | Log | 12 | | Tag Alder | Medium | 5 - 10 feet | Tall Shrub |
| | | Balsam Fir | 30 | Pole/Sapling | 6 | | | | | |
| 23 | 4191 - Mixed Upland Deciduous with Conifer | Sawtimber Medium | 53.2 | 75 | 51-80 | N/A | much of older age class spruce/fir was killed by SBW several years ago and is now snapped off. aspen is in decline. scattered pockets of r pine log sized trees in the NE of the stand. well stocked r maple/cherry saplings throughout and in heavier pockets. fir is 3-20' tall. heavy winter deer use. | | | |
| | | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | | White Spruce | 5 | Log | 12 | | Balsam Fir | High | Variable | Sapling |
| | | Black Cherry | 10 | Log/Pole | 10 | | White Spruce | Medium | Variable | Sapling |
| | | Red Maple | 10 | Pole | 7 | | Common Blackberry | Low | < 5 feet | Tall Shrub |
| | | White Pine | 5 | XLog | 20 | | Cherry (spp.) | Medium | 5 - 10 feet | Sapling |
| | | Red Pine | 5 | Log | 14 | | Red Maple | Medium | 10 - 20 feet | Sapling |
| | | Paper Birch | 5 | Pole | 8 | | Hazelnut (Spp.) | High | < 5 feet | Tall Shrub |
| | | Quaking Aspen | 35 | Log | 12 | 75 | | | | |
| 24 | 6220 - Alder/willow | Nonstocked | 7.0 | | Unspecified | No | tag alder, willow. very scattered w spruce 20-30' tall | | | |
| 25 | 3205 - Mixed Upland Shrub | Nonstocked | 4.2 | | Unspecified | No | semi open to open. spruce/ fir saplings 3-5' tall. scattered cherry. | | | |
| 26 | 122 - Road/Parking Lot | Nonstocked | 14.9 | | Unspecified | No | Recreation trail ownership outside of forested compartment boundary | | | |
| 27 | 320 - Upland Shrub | Nonstocked | 36.7 | | Unspecified | No | Transmission Line ROW - grass, areas of small trees, brush | | | |
| 28 | 4130 - Aspen | Sapling Well | 40.1 | 8 | Unspecified | N/A | | | | |
| | | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | | Paper Birch | 5 | Sapling/Pole | 3 | | Hazelnut (American) | Low | < 5 feet | Tall Shrub |
| | | Balsam Fir | 5 | Pole/Sapling | 5 | | Common Blackberry | Low | < 5 feet | Tall Shrub |
| | | Quaking Aspen | 85 | Sapling | 1 | 8 | Cherry (spp.) | Low | Variable | Sapling |
| | | White Spruce | 5 | Pole/Sapling | 5 | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------------|-------------------|------------|------------|-------------|--------------|--|----|--------------|----|----|---------------|----|--------------|----|----|-------------|----|--------------|---|----|---|----|--------------------|---------|-------------|---|---------------------|--------------------|-------------|-------------|--------------------|---------------------|--------------|--------------|------------|-----------|-------------|-------------|------------|-----|-------------|------------|-----------------|------|----------|------------|--|--|--|--|
| 29 | 4130 - Aspen | Sapling Well | 128.5 | 16 | Unspecified | N/A | stand is just moving into small poletimber size class, moderately stocked 4-5" trees. A3A4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>85</td> <td>Sapling/Pole</td> <td>3</td> <td>16</td> </tr> <tr> <td>Black Cherry</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 85 | Sapling/Pole | 3 | 16 | Black Cherry | 10 | Sapling | 2 | | Red Maple | 5 | Sapling | 2 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (American) | Medium | < 5 feet | Tall Shrub | Balsam Fir | Low | Variable | Sapling | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 85 | Sapling/Pole | 3 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (American) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 122 - Road/Parking Lot | Nonstocked | 147.0 | | Unspecified | No | Recreation trail ownership outside of forested compartment boundary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 6220 - Alder/willow | Nonstocked | 16.2 | 0 | Unspecified | No | alder, willow with swamp grass openings near river. scattered pockets of b ash with lowland conifer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 4110 - Sugar Maple Association | Poletimber Well | 19.9 | 65 | 81-110 | N/A | h maple 2-10" dbh with scattered, lower quality 12"dbh. light h maple saplings 10' tall with component of saplings 2-3" dbh throughout. stand BA 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>5</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Basswood</td> <td>30</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>65</td> <td>Pole/Log</td> <td>8</td> <td>65</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 5 | Pole | 9 | | Basswood | 30 | Log/Pole | 12 | | Sugar Maple | 65 | Pole/Log | 8 | 65 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Sugar Maple | Medium | >20 feet | Sapling | Ironwood | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 30 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 65 | Pole/Log | 8 | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Medium | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 42360 - Upland Cedar | Poletimber Medium | 7.1 | 95 | Unspecified | N/A | small openings in canopy throughout stocked with tag alder. heavy winter deer use | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>75</td> <td>Log/Pole</td> <td>14</td> <td>95</td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Northern White Cedar | 75 | Log/Pole | 14 | 95 | Black Spruce | 5 | Pole | 7 | | Balsam Fir | 10 | Pole/Sapling | 6 | | Black Ash | 10 | Pole | 7 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | High | 10 - 20 feet | Sapling | Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 75 | Log/Pole | 14 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Ash | 10 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 4130 - Aspen | Poletimber Well | 17.2 | 49 | Unspecified | N/A | N edge has component of transitional hardwoods. very scattered w birch throughout. component of 12-14" dbh aspen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Basswood</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>80</td> <td>Pole/Log</td> <td>9</td> <td>49</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Basswood | 5 | Pole | 6 | | Sugar Maple | 10 | Sapling/Pole | 4 | | Paper Birch | 5 | Sapling/Pole | 4 | | Quaking Aspen | 80 | Pole/Log | 9 | 49 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (American)</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (American) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 10 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 80 | Pole/Log | 9 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (American) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 4319 - Mixed Upland Forest | Poletimber Poor | 16.0 | 42 | 1-50 | N/A | rolling with short, steep holes. brush thicket understory. inclusions of semi open to open with upland brich. NW has higher stocking with balm inclusion. W end is very dense to buckthorn with scattered balm and cherry. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>50</td> <td>Pole</td> <td>8</td> <td>42</td> </tr> <tr> <td>Balsam Fir</td> <td>45</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Paper Birch | 5 | Pole | 7 | | Balsam Poplar | 50 | Pole | 8 | 42 | Balsam Fir | 45 | Pole/Sapling | 7 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Honeysuckle (spp.)</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Buckthorn</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Hazelnut (Spp.)</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Black Cherry | Medium | 5 - 10 feet | Sapling | Honeysuckle (spp.) | High | < 5 feet | Tall Shrub | Buckthorn | High | 5 - 10 feet | Tall Shrub | Tag Alder | Low | 5 - 10 feet | Tall Shrub | Hazelnut (Spp.) | High | < 5 feet | Tall Shrub | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Poplar | 50 | Pole | 8 | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 45 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Honeysuckle (spp.) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Buckthorn | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments |
|-------|--------------------|--------------|-------|-----------|----------|--------------|------------------|
|-------|--------------------|--------------|-------|-----------|----------|--------------|------------------|

| 36 | 4130 - Aspen | Poletimber Well | 8.1 | 51 | Unspecified | N/A | very heavy winter deer usage - stand part of last older aged forested area in this block. r maple saplings 3-4" dbh. very scattered r pine and w pine. | | | |
|----------------|--------------|-----------------|------------|-----|-------------|--------------------|--|---------|--------------|------------|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Quaking Aspen | | 70 | Log/Pole | 10 | 51 | Balsam Fir | | Low | 10 - 20 feet | Sapling |
| White Spruce | | 5 | Pole | 8 | | Red Maple | | Medium | >20 feet | Sapling |
| Paper Birch | | 5 | Pole | 8 | | Hazelnut (Spp.) | | Medium | < 5 feet | Tall Shrub |
| Red Maple | | 20 | Pole | 8 | | White Spruce | | Low | 10 - 20 feet | Sapling |

| 37 | 4110 - Sugar Maple Association | Sawtimber Well | 263.9 | 67 | 81-110 | N/A | scattered single hemlock and in groves. more extensive hemlock groves in w side of the stand. component of h maple 12-16: dbh. SE has higher stocking of h maple sawtimber. heavy aspen understory in W and S ends. N end of the stand has higher h maple sapling recruitment notably on N slopes. scattered aspen 18" dbh. stand average BA 100 | | | |
|----------------|--------------------------------|----------------|------------|-----|--------|----------------------|--|---------|--------------|------------|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Hemlock | | 5 | Log | 16 | | Quaking Aspen | | Medium | 10 - 20 feet | Sapling |
| Red Maple | | 5 | Log/Pole | 10 | | Ironwood | | Medium | 10 - 20 feet | Sapling |
| Sugar Maple | | 70 | Log/Pole | 10 | 67 | Blackberry/Raspberry | | Medium | < 5 feet | Tall Shrub |
| Basswood | | 20 | Log/Pole | 11 | | Sugar Maple | | Low | 10 - 20 feet | Sapling |
| | | | | | | Black Cherry | | Low | 10 - 20 feet | Sapling |
| | | | | | | Leatherwood | | Low | < 5 feet | Tall Shrub |

| 38 | 6117 - Lowland Deciduous, Mixed Coniferous | Poletimber Well | 5.4 | 64 | Unspecified | N/A | wet interior of the stand. pocket of tamarack in NE | | | |
|----------------------|--|-----------------|--------------|-----|-------------|--------------------|---|---------|--------------|---------|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Quaking Aspen | | 5 | Log/Pole | 11 | | Balsam Fir | | Low | 10 - 20 feet | Sapling |
| Northern White Cedar | | 5 | Pole | 8 | | Red Maple | | Low | Variable | Sapling |
| Balsam Fir | | 10 | Pole | 7 | | | | | | |
| Black Ash | | 30 | Pole/Sapling | 6 | 64 | | | | | |
| Red Maple | | 30 | Pole/Log | 9 | | | | | | |
| Tamarack | | 20 | Pole | 8 | | | | | | |

| 39 | 4130 - Aspen | Sapling Well | 27.5 | 8 | Immature | N/A | scattered r oak | | | |
|----------------|--------------|--------------|------------|-----|----------|--------------------|-----------------|---------|-------------|------------|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Quaking Aspen | | 80 | Sapling | 1 | 8 | Hazelnut (Spp.) | | Medium | < 5 feet | Tall Shrub |
| Balsam Fir | | 5 | Sapling | 3 | | | | | | |
| White Spruce | | 5 | Sapling | 3 | | | | | | |
| Red Oak | | 10 | Log/Pole | 10 | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments |
|-------|--------------------|--------------|-------|-----------|----------|--------------|------------------|
|-------|--------------------|--------------|-------|-----------|----------|--------------|------------------|

| | | | | | | | |
|-----------|---------------------------------|-----------------|------|----|--------|-----|--|
| 40 | 4119 - Mixed Northern Hardwoods | Poletimber Well | 18.3 | 45 | 81-110 | N/A | very scattered hemlock/cedar. W central slopes steeply to the Brule River-heavier to cherry with heavy hazel. slight component of h maple/basswood 12-14" dbh. scattered w birch. very E end has a small E6, b ash inclusion along the river |
|-----------|---------------------------------|-----------------|------|----|--------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| White Spruce | 10 | Log/Pole | 10 | |
| Yellow Birch | 5 | Pole | 8 | |
| Black Cherry | 10 | Pole/Log | 9 | |
| Basswood | 20 | Pole/Log | 9 | |
| Red Maple | 5 | Pole | 7 | |
| Sugar Maple | 30 | Pole/Log | 8 | 45 |
| Quaking Aspen | 10 | Log | 14 | |
| Balsam Fir | 10 | Pole | 7 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|---------------------|---------|--------------|------------|
| Sugar Maple | Low | 10 - 20 feet | Sapling |
| Hazelnut (American) | High | < 5 feet | Tall Shrub |

| | | | | | | | |
|-----------|--|-----------------|-----|----|--------|-----|--|
| 41 | 4191 - Mixed Upland Deciduous with Conifer | Poletimber Well | 8.9 | 41 | 81-110 | N/A | variable stand. component of aspen 12-16" dbh mixed with aspen 4-6"dbh. scattered wolf h maple and oak. pockets of h maple saplings 20-30' tall 2-3" dbh. scattered y birch poletimber |
|-----------|--|-----------------|-----|----|--------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Red Oak | 5 | Log | 14 | |
| Sugar Maple | 30 | Log/Pole | 11 | |
| Balsam Fir | 30 | Pole | 7 | |
| Quaking Aspen | 35 | Pole/Sapling | 7 | 41 |

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------|---------|--------------|---------|
| Balsam Fir | Medium | 10 - 20 feet | Sapling |
| Sugar Maple | Medium | >20 feet | Sapling |

| | | | | | | | |
|-----------|--|-------------------|------|----|-------------|-----|--|
| 42 | 6117 - Lowland Deciduous, Mixed Coniferous | Poletimber Medium | 38.8 | 45 | Unspecified | N/A | lowlands adjacent to Brule River. multiple springs/drainages, and creeks. W end has higher stocking of larger poletimber b ash, 7-9" dbh. SW has small pockets of higher stocked cedar |
|-----------|--|-------------------|------|----|-------------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------------|---------|------------|-----|-----|
| Paper Birch | 10 | Pole | 8 | |
| Balsam Poplar | 5 | Pole | 8 | |
| Red Maple | 10 | Pole | 7 | |
| White Spruce | 10 | Pole | 8 | |
| Black Ash | 50 | Pole | 8 | 45 |
| Balsam Fir | 5 | Pole | 8 | |
| Quaking Aspen | 5 | Log | 11 | |
| Northern White Cedar | 5 | Pole/Log | 9 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------|---------|--------------|------------|
| Balsam Fir | Medium | 10 - 20 feet | Sapling |
| Black Ash | Medium | 10 - 20 feet | Sapling |
| Tag Alder | Medium | 5 - 10 feet | Tall Shrub |

| | | | | | | | |
|-----------|--------------|--------------|------|----|-------------|-----|--|
| 43 | 4130 - Aspen | Sapling Well | 19.2 | 16 | Unspecified | N/A | Wolfy, open grown h maple/basswood component - areas of fairly high stocking |
|-----------|--------------|--------------|------|----|-------------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|--------------|-----|-----|
| White Spruce | 5 | Pole/Sapling | 5 | |
| Quaking Aspen | 85 | Sapling/Pole | 3 | 16 |
| Sugar Maple | 10 | Pole/Sapling | 6 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|---------------------|---------|-------------|------------|
| Hazelnut (American) | Medium | < 5 feet | Tall Shrub |
| Balsam Fir | Low | Variable | Sapling |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|-----------------|------------|------------|-------------|--------------|---|----|----------|----|----|---------------|----|----------|----|----|--|----|--------------------|---------|-------------|---|---------------|--------------------|-------------|-------------|-------------|-----------------|--------------|----------|------------|--|---|--------------------|---------|-------------|--|---------------------|--------------------|-------------|-------------|---------------------|------------|--------------|--------------|-------------|---------------------|--------------|-------------|-------------|------|----------|------------|
| 44 | 4116 - Mixed N. Hardwood - Aspen | Poletimber Well | 46.2 | 53 | 81-110 | N/A | mixed stand of n hardwood species with aspen. stand is on a hardwood site and is naturally moving to a N hardwood stand given presence of h maple, basswood, and leatherwood. overall stand 100 BA due to higher stocking of aspen. only counting hardwoods:60BA M5A8M2 NE corner of stand has an inclusion of n hardwoods - avg 80-90 BA M6M7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Basswood</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>40</td> <td>Pole</td> <td>7</td> <td>53</td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Pole/Log</td> <td>9</td> <td>53</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Basswood | 10 | Pole | 7 | | Red Oak | 5 | Log | 14 | | Sugar Maple | 40 | Pole | 7 | 53 | Quaking Aspen | 35 | Pole/Log | 9 | 53 | Red Maple | 10 | Pole | 8 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Ironwood</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (American)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Sugar Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Leatherwood</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Ironwood | High | 5 - 10 feet | Sapling | Hazelnut (American) | Low | < 5 feet | Tall Shrub | Sugar Maple | Low | 10 - 20 feet | Sapling | Leatherwood | High | < 5 feet | Tall Shrub |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 10 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 40 | Pole | 7 | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 35 | Pole/Log | 9 | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (American) | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leatherwood | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 4110 - Sugar Maple Association | Poletimber Poor | 11.2 | 64 | 1-50 | N/A | heavy aspen regeneration under n hardwoods - previous cut removed all of the aspen component in this area resulting in a flush of aspen regen. average stand 50BA. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Basswood</td> <td>30</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>70</td> <td>Pole</td> <td>7</td> <td>64</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Basswood | 30 | Log/Pole | 11 | | Sugar Maple | 70 | Pole | 7 | 64 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Quaking Aspen | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 30 | Log/Pole | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 70 | Pole | 7 | 64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | 4139 - Aspen, Mixed Deciduous | Poletimber Well | 9.4 | 61 | Unspecified | N/A | mixed aspen stand transition from M6A8 to the E towards lowland in the W. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>55</td> <td>Log/Pole</td> <td>10</td> <td>61</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>30</td> <td>Pole</td> <td>9</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Spruce | 5 | Pole | 7 | | Quaking Aspen | 55 | Log/Pole | 10 | 61 | Paper Birch | 5 | Pole/Log | 9 | | Balsam Fir | 5 | Pole | 7 | | Red Maple | 30 | Pole | 9 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (American) | Medium | < 5 feet | Tall Shrub | White Spruce | Low | 10 - 20 feet | Sapling | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 55 | Log/Pole | 10 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 30 | Pole | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (American) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 4319 - Mixed Upland Forest | Sawtimber Well | 8.8 | 53 | 81-110 | N/A | transitional stand between uplands and lowland to the Brule River. W end is higher stocked to aspen 9-12" dbh with heavy b ash saplings 10-20' tall in understory. A8E3. semi upland ground | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>40</td> <td>Log/Pole</td> <td>10</td> <td>53</td> </tr> <tr> <td>White Spruce</td> <td>30</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>10</td> <td>Log</td> <td>11</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>XLog</td> <td>18</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 40 | Log/Pole | 10 | 53 | White Spruce | 30 | Pole | 8 | | Balsam Poplar | 10 | Log | 11 | | Balsam Fir | 10 | Pole/Sapling | 7 | | Paper Birch | 5 | Pole/Sapling | 6 | | White Pine | 5 | XLog | 18 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (American)</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | Medium | 10 - 20 feet | Sapling | Hazelnut (American) | Low | 5 - 10 feet | Tall Shrub | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 40 | Log/Pole | 10 | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 30 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Poplar | 10 | Log | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | XLog | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (American) | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | 4130 - Aspen | Sapling Well | 33.6 | 5 | Immature | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log</td> <td>10</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>90</td> <td>Sapling</td> <td>1</td> <td>5</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Pine | 5 | Log | 12 | | Red Oak | 5 | Log | 10 | | Quaking Aspen | 90 | Sapling | 1 | 5 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Spp.)</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Spp.) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 90 | Sapling | 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments |
|-----------------------|--------------------------------|-----------------|-------------------|------------|-------------|---------------------------|---|
| 49 | 4110 - Sugar Maple Association | Sawtimber Well | 36.1 | 64 | 81-110 | N/A | average stand 100 BA |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Paper Birch | | 5 | Pole | 8 | | Leatherwood | |
| Red Oak | | 5 | XLog | 18 | | Ironwood | |
| Basswood | | 20 | Log/Pole | 12 | | Density | |
| Sugar Maple | | 70 | Pole/Log | 8 | 64 | Avg. Height | |
| | | | | | | Size | |
| | | | | | | Tall Shrub | |
| | | | | | | Sapling | |
| 50 | 4110 - Sugar Maple Association | Poletimber Well | 52.7 | 64 | 81-110 | N/A | average stand 70 BA |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Paper Birch | | 5 | Pole | 8 | | Sugar Maple | |
| Red Oak | | 5 | XLog | 18 | | Density | |
| Red Maple | | 10 | Pole | 9 | | Avg. Height | |
| Sugar Maple | | 40 | Pole/Log | 8 | 64 | Size | |
| Basswood | | 40 | Log/Pole | 12 | | Sapling | |
| 51 | 4130 - Aspen | Poletimber Well | 14.7 | 47 | Unspecified | N/A | very scattered elm. fairly open understory. stand is adjacent to 5 yr old aspen cut |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Quaking Aspen | | 60 | Pole/Log | 9 | 47 | Ironwood | |
| Balsam Fir | | 5 | Pole | 8 | | Hazelnut (American) | |
| Paper Birch | | 5 | Pole | 8 | | White Spruce | |
| Sugar Maple | | 30 | Pole | 8 | | Density | |
| | | | | | | Avg. Height | |
| | | | | | | Size | |
| | | | | | | Sapling | |
| | | | | | | Tall Shrub | |
| | | | | | | Sapling | |
| 52 | 4130 - Aspen | Sapling Well | 13.2 | 16 | Unspecified | N/A | stand is just moving into small poletimber size class, moderately stocked 4-5" trees. A3A4 |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Quaking Aspen | | 85 | Sapling/Pole | 3 | 16 | Hazelnut (American) | |
| Red Maple | | 5 | Sapling | 2 | | Balsam Fir | |
| Black Cherry | | 10 | Sapling | 2 | | Density | |
| | | | | | | Avg. Height | |
| | | | | | | Size | |
| | | | | | | Sapling | |
| 53 | 6224 - Treed Bog | Nonstocked | 2.7 | 0 | Unspecified | No | edges of stand hold b spruce, tamarack3-5" dbh. transitions quickly to stunted trees1-3"dbh |
| 54 | 4130 - Aspen | Poletimber Well | 5.7 | 53 | Unspecified | N/A | steep hillside - inoperable |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Balsam Fir | | 5 | Pole/Sapling | 6 | | Hazelnut (American) | |
| Quaking Aspen | | 95 | Pole/Log | 9 | 53 | Density | |
| | | | | | | Avg. Height | |
| | | | | | | Size | |
| | | | | | | Tall Shrub | |
| 55 | 4130 - Aspen | Sawtimber Well | 5.0 | 61 | Unspecified | N/A | stand lays on a bench above recreation trail. W end has component of 14-17" dbh big tooth aspen |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Quaking Aspen | | 95 | Log/Pole | 10 | 61 | Hazelnut (American) | |
| Balsam Fir | | 5 | Pole/Sapling | 7 | | Balsam Fir | |
| | | | | | | Density | |
| | | | | | | Avg. Height | |
| | | | | | | Size | |
| | | | | | | Sapling | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------------|------------|------------|-------------|--------------|--|----|----------|----|----|---------------|----|--------------|----|--|---|----|--------------------|---------|-------------|---------------|-----------------|--------------|----------|------------|---------------|----|----------|----|--|---|--|--------------------|---------|-------------|------|-----------------|--------|-------------|------------|------------|--------|--------------|---------|--|--|--|--|
| 56 | 6220 - Alder/willow | Nonstocked | 2.9 | 0 | Unspecified | No | heavy tag alder with scattered fir and cedar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | 6220 - Alder/willow | Nonstocked | 3.1 | 0 | Unspecified | No | heavy tag alder with very low stocked fir | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | 4130 - Aspen | Sapling Well | 20.4 | 18 | Unspecified | N/A | stand is just starting to move very occasional trees into small poletimber size class. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>95</td> <td>Sapling</td> <td>3</td> <td>18</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 95 | Sapling | 3 | 18 | Balsam Fir | 5 | Sapling/Pole | 4 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Spp.)</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Spp.) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 95 | Sapling | 3 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59 | 6115 - Lowland Ash | Poletimber Medium | 9.0 | 60 | Unspecified | N/A | unable to gain access from adjacent landowner for field verification. b ash with cedar, r maple and balm. spruce/fir. lowlands/floodplain adjacent to the Brule R. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 6128 - Lowland Coniferous, Mixed Deciduous | Poletimber Well | 12.5 | 95 | 81-110 | N/A | immediately adjacent to Brule River. multiple springs/drains to the river | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>20</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>20</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>35</td> <td>Pole/Log</td> <td>9</td> <td>95</td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Spruce | 20 | Pole | 8 | | Balsam Poplar | 20 | Log/Pole | 10 | | Northern White Cedar | 35 | Pole/Log | 9 | 95 | Balsam Fir | 20 | Pole/Sapling | 7 | | Quaking Aspen | 5 | Log/Pole | 11 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 20 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Poplar | 20 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 35 | Pole/Log | 9 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 20 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 5 | Log/Pole | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | 6220 - Alder/willow | Nonstocked | 0.7 | 0 | Unspecified | No | tag alder with scattered lowland conifer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63 | 500 - Water | Nonstocked | 0.5 | 0 | Unspecified | No | Armstrong Creek. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64 | 4191 - Mixed Upland Deciduous with Conifer | Sawtimber Well | 46.7 | 65 | 81-110 | N/A | aspen 10-16"dbh. slight component of h maple 4-6"dbh. central inclusion with higher stocking of aspen and scattered more open areas. stand is buffer to Brule River. adjacent to river, small pockets of cedar. heavy winter deer use as cover and food. W central area has canoe pull out dispersed camping spots | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>35</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Log/Pole</td> <td>12</td> <td>65</td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Northern White Cedar | 5 | Log/Pole | 11 | | Balsam Fir | 10 | Pole/Sapling | 7 | | Red Maple | 35 | Pole | 8 | | Quaking Aspen | 35 | Log/Pole | 12 | 65 | White Spruce | 10 | Pole/Log | 9 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Spp.)</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Spp.) | Medium | < 5 feet | Tall Shrub | Balsam Fir | Medium | 10 - 20 feet | Sapling | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 5 | Log/Pole | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 35 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 35 | Log/Pole | 12 | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 10 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------------|-------------------|------------|------------|-------------|--------------|---|----|--------------|----|----|---------------|----|---------|---|---|--------------|---|--------------|----|--|---|----|--------------------|---------|-------------|---------------|-------------------|----------|----------|------------|--|----|--------------------|---------|-------------|--|-----------------|--------------------|-------------|-------------|------------|------------|----------|--------------|---------|--|--|--|
| 65 | 4130 - Aspen | Sapling Well | 17.9 | 8 | Immature | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>85</td> <td>Sapling</td> <td>1</td> <td>8</td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Balsam Fir | 10 | Pole/Sapling | 5 | | Quaking Aspen | 85 | Sapling | 1 | 8 | Red Oak | 5 | Log/Pole | 10 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Spp.)</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Spp.) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 85 | Sapling | 1 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66 | 4130 - Aspen | Poletimber Medium | 27.3 | 17 | Immature | N/A | trees just moving into poletimber size class - A5A3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>90</td> <td>Pole/Sapling</td> <td>5</td> <td>17</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 90 | Pole/Sapling | 5 | 17 | Balsam Fir | 5 | Pole | 6 | | White Spruce | 5 | Pole/Sapling | 6 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Beaked)</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Beaked) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 90 | Pole/Sapling | 5 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 5 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 | 6115 - Lowland Ash | Poletimber Well | 5.6 | 33 | Unspecified | N/A | lowland to Brule River. B ash ranges from saplings 1-2" dbh to 7" dbh poles. very scattered w birch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>70</td> <td>Pole/Sapling</td> <td>5</td> <td>33</td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Spruce | 10 | Log/Pole | 10 | | Black Cherry | 10 | Pole | 8 | | Red Maple | 5 | Pole/Log | 9 | | Black Ash | 70 | Pole/Sapling | 5 | 33 | Quaking Aspen | 5 | Log | 12 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Spp.)</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Spp.) | High | 5 - 10 feet | Tall Shrub | Balsam Fir | Medium | < 5 feet | Sapling | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 10 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Ash | 70 | Pole/Sapling | 5 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 5 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | 6220 - Alder/willow | Nonstocked | 28.2 | 0 | Unspecified | No | heavy tag alder..SW has a small b ash 6-14" dbh inclusion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | 6229 - Mixed lowland shrub | Nonstocked | 9.3 | | Unspecified | No | heavy tag alder with associated tamarack inclusions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | 6229 - Mixed lowland shrub | Nonstocked | 7.5 | 0 | Unspecified | No | dead tamarack and tag alder along bottomland/floodplain to Brule R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | 4139 - Aspen, Mixed Deciduous | Sawtimber Well | 7.9 | 62 | Unspecified | N/A | steep, rolling hills leading down to swamp edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>XLog</td> <td>18</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>30</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>50</td> <td>Log</td> <td>12</td> <td>62</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Spruce | 5 | Log/Pole | 10 | | Paper Birch | 5 | Pole | 8 | | White Pine | 5 | XLog | 18 | | Balsam Fir | 5 | Pole/Sapling | 7 | | Red Maple | 30 | Pole/Log | 9 | | Quaking Aspen | 50 | Log | 12 | 62 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | Medium | 10 - 20 feet | Sapling | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 5 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | XLog | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 30 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 50 | Log | 12 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------|------------------|------------|------------|-------------|--------------|---|----|--------------|----|----|--------------|----|--------------|----|--|--|----|--------------------|---------|-------------|---------------|-----------------|--------------|-------------|------------|---|--------|--------------------|------------|-------------|---|-----------------|--------------------|--------------|-------------|----------------------|----------------------|-------------|------------|------------|-----------------|--------|----------|------------|--|--|--|
| 72 | 4134 - Aspen, Spruce/Fir | Sapling Well | 7.4 | 8 | Immature | N/A | very scattered w pine component | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Sapling</td> <td>1</td> <td>8</td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 65 | Sapling | 1 | 8 | Balsam Fir | 15 | Pole/Sapling | 5 | | White Spruce | 15 | Pole/Sapling | 5 | | Black Cherry | 5 | Pole/Sapling | 6 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Spp.)</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Blackberry/Raspberry</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Spp.) | High | < 5 feet | Tall Shrub | Blackberry/Raspberry | Medium | < 5 feet | Tall Shrub | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 65 | Sapling | 1 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 15 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 15 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blackberry/Raspberry | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | 4130 - Aspen | Sapling Well | 43.2 | 17 | Immature | N/A | stand is just starting to move into small poletimber size class. A3A5 1-5" dbh. small spruce, fir inclusion in N end. very scattered r pine and hemlock. ridges scattered throughout. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log</td> <td>11</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Sapling/Pole</td> <td>4</td> <td>17</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Spruce | 5 | Pole/Sapling | 5 | | Red Oak | 5 | Log | 11 | | Red Maple | 10 | Sapling | 2 | | Quaking Aspen | 70 | Sapling/Pole | 4 | 17 | Balsam Fir | 10 | Pole/Sapling | 6 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Blackberry/Raspberry</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Hazelnut (Spp.)</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Blackberry/Raspberry | Medium | < 5 feet | Tall Shrub | Hazelnut (Spp.) | Medium | < 5 feet | Tall Shrub | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 5 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Log | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 70 | Sapling/Pole | 4 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blackberry/Raspberry | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | 6115 - Lowland Ash | Sapling Poor | 3.9 | 30 | Immature | N/A | low stocking to semi open stand - areas of non stocked.with hazel, alder, and other shrubs immediately adjacent to Brule River | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Ash</td> <td>90</td> <td>Sapling/Pole</td> <td>3</td> <td>30</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Black Ash | 90 | Sapling/Pole | 3 | 30 | Red Maple | 10 | Log/Pole | 10 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Spp.)</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Spp.) | High | 5 - 10 feet | Tall Shrub | Tag Alder | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Ash | 90 | Sapling/Pole | 3 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | 4130 - Aspen | Sawtimber Medium | 3.4 | 62 | Unspecified | N/A | low quality aspen - defects very prevalent. cherry is open grown. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>75</td> <td>Log/Pole</td> <td>12</td> <td>62</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 75 | Log/Pole | 12 | 62 | Balsam Fir | 5 | Pole/Sapling | 6 | | White Spruce | 10 | Pole | 8 | | Black Cherry | 10 | Pole | 7 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Spp.)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | Low | 10 - 20 feet | Sapling | Hazelnut (Spp.) | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 75 | Log/Pole | 12 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | 42330 - Upland Fir | Poletimber Well | 5.7 | 49 | Unspecified | N/A | left as buffer to Brule River from adjacent aspen cut in past. winter deer usage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>70</td> <td>Pole</td> <td>8</td> <td>49</td> </tr> <tr> <td>White Spruce</td> <td>20</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Balsam Fir | 70 | Pole | 8 | 49 | White Spruce | 20 | Log | 12 | | Black Cherry | 5 | Pole | 6 | | Red Maple | 5 | Log/Pole | 10 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Spp.)</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Spp.) | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 70 | Pole | 8 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 20 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | 3102 - Grass | Nonstocked | 9.5 | | Unspecified | No | semi open - open grown cherry, scattered aspen 3-5"dbh. transmission line runs through stand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|------------------|------------|------------|-------------|--------------|--|-----|----------|----|----|---|----|--------------------|---------|-------------|----------------------|--------------|---------|--------------|---------|---|--------|--------------------|------------|-------------|--|-------------|--------------------|-------------|-------------|------|----------------------|------|-------------|------------|------------|--------|-------------|------------|-------------------|--------|-------------|------------|--|--|--|--|
| 78 | 4130 - Aspen | Sawtimber Medium | 2.6 | 61 | Unspecified | N/A | low quality aspen - black bark, multiple seams and defects 9-17" dbh. N end of stand not as highly stocked, S end is A9. Stand lays along gas pipeline | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>100</td> <td>Log/Pole</td> <td>14</td> <td>61</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 100 | Log/Pole | 14 | 61 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Spp.)</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Buckthorn</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Black Cherry | Medium | 5 - 10 feet | Sapling | Hazelnut (Spp.) | High | 5 - 10 feet | Tall Shrub | Buckthorn | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 100 | Log/Pole | 14 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Buckthorn | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | 6129 - Mixed Coniferous Lowland Forest | Poletimber Well | 37.6 | 52 | Unspecified | N/A | multiple springs - open water/muck. heavy winter deer use. buffer to Brule R. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>45</td> <td>Pole</td> <td>7</td> <td>52</td> </tr> <tr> <td>Tamarack</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>45</td> <td>Pole</td> <td>9</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Black Spruce | 45 | Pole | 7 | 52 | Tamarack | 10 | Pole | 7 | | Northern White Cedar | 45 | Pole | 9 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tag Alder | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 45 | Pole | 7 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 10 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 45 | Pole | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 4319 - Mixed Upland Forest | Sawtimber Medium | 3.1 | 67 | Unspecified | N/A | much of spruce is dead. slightly high ground adjacent to bottomlands to the Brule River. winter deer use | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>45</td> <td>Log/Pole</td> <td>12</td> <td>67</td> </tr> <tr> <td>Balsam Fir</td> <td>30</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>15</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Black Cherry | 10 | Pole | 8 | | Quaking Aspen | 45 | Log/Pole | 12 | 67 | Balsam Fir | 30 | Pole | 6 | | White Spruce | 15 | Pole/Log | 9 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Spp.)</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Spp.) | High | 5 - 10 feet | Tall Shrub | Balsam Fir | Medium | 5 - 10 feet | Sapling | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 45 | Log/Pole | 12 | 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 30 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 15 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | 4130 - Aspen | Sapling Well | 112.1 | 8 | Immature | N/A | scattered cherry, w pine, and r pine. N end has small pockets with 2-3" dbh aspen. areas holding buckthorn | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>5</td> <td>XLog</td> <td>18</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>85</td> <td>Sapling</td> <td>1</td> <td>8</td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>16</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Pine | 5 | XLog | 18 | | Black Cherry | 5 | Pole | 8 | | Quaking Aspen | 85 | Sapling | 1 | 8 | Red Pine | 5 | Log | 16 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Blackberry/Raspberry</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Buckthorn</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Blackberry/Raspberry | High | < 5 feet | Tall Shrub | Buckthorn | Medium | 5 - 10 feet | Tall Shrub | Hazelnut (Beaked) | Medium | 5 - 10 feet | Tall Shrub | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | XLog | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 85 | Sapling | 1 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blackberry/Raspberry | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Buckthorn | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | 4130 - Aspen | Sapling Well | 69.4 | 18 | Unspecified | N/A | very scattered w spruce and fir | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>80</td> <td>Sapling</td> <td>2</td> <td>18</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Black Cherry | 10 | Sapling | 1 | | Paper Birch | 5 | Sapling | 1 | | Red Pine | 5 | Log | 16 | | Quaking Aspen | 80 | Sapling | 2 | 18 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Spp.)</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Spp.) | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 80 | Sapling | 2 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Spp.) | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | 4130 - Aspen | Sawtimber Medium | 3.3 | 61 | Unspecified | N/A | buffer to osprey platform. pockets of natural aspen regen 2-3"dbh | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>100</td> <td>Log</td> <td>12</td> <td>61</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 100 | Log | 12 | 61 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | White Pine | Low | 10 - 20 feet | Sapling | Quaking Aspen | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 100 | Log | 12 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | 320 - Upland Shrub | Nonstocked | 2.8 | | Unspecified | No | open to semi open. scattered open grown w spruce and cherry. honeysuckle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | |
|-------|--|-----------------------|----------------|-------------------|-------------|--------------|---|----------------|--------------------|-------------|
| 85 | 6117 - Lowland Deciduous, Mixed Coniferous | Poletimber Medium | 0.3 | 55 | Unspecified | N/A | Small island in Brule River. b ash, balm, scattered conifer | | | |
| 86 | 6119 - Mixed Lowland Deciduous Forest | Poletimber Well | 3.4 | 50 | Unspecified | N/A | mixed stand of aspen, balm, b ash, maple, with conifer immediately along the Brule River. scattered open areas of tag alder and swamp grass | | | |
| 88 | 320 - Upland Shrub | Nonstocked | 15.3 | 0 | Unspecified | No | semi open with open grown b cherry, scattered hawthorn | | | |
| 89 | 6120 - Lowland Cedar | Poletimber Medium | 8.1 | 101 | Unspecified | N/A | lowland along river. winter deer use | | | |
| | | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | | Black Ash | 5 | Pole/Sapling | 6 | | Tag Alder | Medium | 5 - 10 feet | Tall Shrub |
| | | Red Maple | 10 | Pole/Sapling | 7 | | Balsam Fir | Medium | Variable | Sapling |
| | | Balsam Poplar | 5 | Pole | 8 | | | | | |
| | | Balsam Fir | 30 | Pole/Sapling | 7 | | | | | |
| | | Northern White Cedar | 50 | Log/Pole | 10 | 101 | | | | |
| 90 | 4134 - Aspen, Spruce/Fir | Poletimber Medium | 12.8 | 42 | Unspecified | N/A | very dense spruce/fir under aspen 5-8" dbh. aspen is lower quality - 6" dbh at 42 yrs | | | |
| | | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | | Balsam Fir | 15 | Pole/Sapling | 6 | | Common Blackberry | Low | < 5 feet | Tall Shrub |
| | | Quaking Aspen | 65 | Pole | 6 | 42 | Cherry (spp.) | Low | Variable | Sapling |
| | | White Spruce | 15 | Pole/Sapling | 7 | | Hazelnut (American) | Medium | < 5 feet | Tall Shrub |
| | | Black Cherry | 5 | Pole/Sapling | 6 | | Balsam Fir | High | 10 - 20 feet | Sapling |
| | | | | | | | White Spruce | High | 10 - 20 feet | Sapling |
| 91 | 42210 - Natural Red Pine | Poletimber Well | 6.9 | 40 | Unspecified | N/A | scattered associated aspen. N end has smaller diameter and slightly lower stocking | | | |
| | | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | | Red Pine | 100 | Log/Pole | 10 | 40 | Black Cherry | Low | 10 - 20 feet | Sapling |
| | | | | | | | Balsam Fir | Low | 10 - 20 feet | Sapling |
| 92 | 6118 - Lowland Deciduous with Cedar | Poletimber Well | 3.9 | 64 | Unspecified | N/A | bottomland adjacent to Armstrong Creek and Brule River. wet - muck. winter deer use, notably near cedar | | | |
| | | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | | Black Ash | 60 | Pole | 8 | 64 | Black Ash | Medium | 10 - 20 feet | Sapling |
| | | Northern White Cedar | 30 | Log | 12 | | Tag Alder | Medium | 5 - 10 feet | Tall Shrub |
| | | White Spruce | 10 | Log/Pole | 10 | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------------------|-------------------|------------|------------|-------------|--------------|--|----|--------------|----|----|----------------------|----|----------|----|--|-------------|----|--------------|---|----|---|----|--------------------|---------|-------------|---|------------|--------------------|--------------|-------------|--|-----------|--------------------|-------------|-------------|------|------------|--------|--------------|---------|-----------|--------|--------------|---------|----------|-----|--------------|---------|
| 93 | 4130 - Aspen | Poletimber Well | 8.4 | 64 | Unspecified | N/A | very widely scattered w pine. stand acting as buffer to creek and retention for previous cut. component of h maple saplings 3" dbh in understory | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Log/Pole</td> <td>11</td> <td>64</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Balsam Fir | 5 | Pole/Sapling | 6 | | White Spruce | 5 | Pole | 7 | | Paper Birch | 5 | Pole | 8 | | Red Maple | 20 | Pole/Sapling | 7 | | Quaking Aspen | 65 | Log/Pole | 11 | 64 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | Medium | 10 - 20 feet | Sapling | Red Maple | Medium | 10 - 20 feet | Sapling | Ironwood | Low | 10 - 20 feet | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 20 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 65 | Log/Pole | 11 | 64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | 6119 - Mixed Lowland Deciduous Forest | Poletimber Medium | 4.2 | 53 | Unspecified | N/A | very wet - ponded. intermittent creek flows to Brule River. very scattered w birch 6-7" dbh | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>50</td> <td>Pole</td> <td>6</td> <td>53</td> </tr> <tr> <td>American Elm</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Spruce | 10 | Log | 12 | | Quaking Aspen | 30 | Log | 16 | | Black Ash | 50 | Pole | 6 | 53 | American Elm | 10 | Pole | 6 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 10 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 30 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Ash | 50 | Pole | 6 | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| American Elm | 10 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | 6118 - Lowland Deciduous with Cedar | Poletimber Well | 7.6 | 47 | Unspecified | N/A | very wet, areas of cedar interspersed among b ash. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Ash</td> <td>60</td> <td>Pole/Sapling</td> <td>7</td> <td>47</td> </tr> <tr> <td>Northern White Cedar</td> <td>30</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Black Ash | 60 | Pole/Sapling | 7 | 47 | Northern White Cedar | 30 | Log/Pole | 10 | | Balsam Fir | 10 | Pole/Sapling | 5 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | Medium | 10 - 20 feet | Sapling | Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Ash | 60 | Pole/Sapling | 7 | 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 30 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | 6121 - Tamarack | Poletimber Medium | 1.9 | 42 | Unspecified | N/A | component of larger tamarack 12-14" dbh scattered throughout. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>35</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>60</td> <td>Pole</td> <td>8</td> <td>42</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Balsam Fir | 35 | Pole | 6 | | Black Spruce | 5 | Pole | 7 | | Tamarack | 60 | Pole | 8 | 42 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 35 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 60 | Pole | 8 | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |