



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11075

Entry Year 2028

Acreage: 3,122

County: Keweenaw

Management Area: Keweenaw

Stand Examiner: Brad Carlson

Legal Description:

Grant Township
T58N R27W, Sections 10, 15, 19, 20, 21, 22, 29, 30
T58N R26W, Section 16

Identified Planning Goals:

Manage primarily for recreation and resource protection.

Soil and topography:

The topography is level to rolling. The upland soils are very rocky. Soils are Arcadian-Nipissing-Rock Outcrop complex; Arcadian-Dishno-Rock Outcrop complex, Pacquin Finch complex, Wallace-Rubicon sands, Net-Witbeck complex, and Copper Harbor-Bete Grise complex on the upland; Lupton and Tawas muck, Dawson and Loxley peat, Cathro-Witbeck complex, and Tawas-Deford mucks on the lowlands.

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

State Forest adjoins to the north and west. There are scattered private parcels within the compartment. Land use is mostly for recreation.

Unique Natural Features:

There are rare, threatened and endangered plants within the compartment. The lakeshore area contains many elemental occurrences of species and habitats of concern.

Archeological, Historical, and Cultural Features:

There are two known archeological sites within the compartment; however, it is likely that some may exist.

Special Management Designations or Considerations:

This compartment is included in the Wolverine-Copper Carbon Credit project which may impact forest management decisions.

Watershed and Fisheries Considerations:

This compartment contains Union Creek (designated trout stream), an unnamed designated trout stream, an intermittent creek, Gill Lake, and Perch Lake. Maintain current riparian buffers to the high bank of the valley wall for the creeks in the compartment located in stand 42, 11, 22, 13. Maintain the current riparian buffers located on Bay, Gill, and Perch lakes.

Wildlife Habitat Considerations:

This compartment features threatened and endangered plant species. The Keweenaw Tip is a critical raptor migration corridor and breeding area for merlins large conifers should be retained for raptors to perch. Managing habitat for; black bear, Blackburnian warbler, pileated woodpecker, ruffed grouse, northern goshawk and American marten should also be considered when planning harvest specifications in this this compartment. There is also a deer wintering complex in this compartment.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till and lacustrine (lake) sand and gravel thin to discontinuous along the coastline. There is insufficient data to determine the glacial drift thickness. The Precambrian Copper Harbor Conglomerate and Portage Lake Conglomerate subcrop below the glacial drift. The nearest known active sand & gravel mining operation is more than three miles west of the compartment. Potential for sand & gravel development from glacial drift within the compartment appears to be limited. Waste rock from former copper mines in the region may be an alternative source of aggregate. The compartment is within the historic Keweenaw copper district, and many former prospects and exploratory drillholes exist in the area west of the compartment. Available records indicate that some past underground workings occur beneath lands in the compartment. Historical exploratory drill holes occur within and around the compartment. Information from those mineral wells is not readily available at this time. While there still may be

significant amounts of native copper deposits remaining within the region, they may not be economical to mine. No active State metallic mineral leases or lease nominations occur in the region. There is no potential for economic oil and gas production in the UP. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

Access is poor. There are internal logging roads, but these are old and in poor condition.

Survey Needs:

Survey work will be needed for timber sale activity.

Recreational Facilities and Opportunities:

Snowmobile trail 3 crosses part of the compartment.

Fire Protection:

The Keystone Bay wildfire was a large project fire that burned in this compartment in 2006 and is what can be expected from future fires, the remote location is primary issue for fire suppression activities.

Additional Compartment Information:

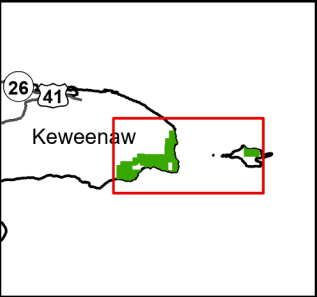
The following reports from the Inventory are attached:

- 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**

Cover Type & Treatments Map



00.512

Miles

N





Compartment: 11075

T58N, R27W, Sec: 10,15,19-22,27,29-30

T58N, R26W, Sec: 16

County: Keweenaw

Unit: Baraga

Mgmt. Area: Keweenaw

YOE: 2028

Acres: 3,122 GIS Calculated

Examiner: Brad Carlson

Date Exported: 06/18/2026

Map Phase: Post Review

 Berm

 Designated Bicycle Trails

 Designated ORV Routes

 Designated Snowmobile

 DNR - Primary Forest Road

 DNR - Secondary Forest Road

 DNR - Forest Access Route

 Federal / State / County - Paved Road

 County - Gravel Road

 County - Dirt Road (Seasonal)

 Private - Paved Road

 Private - Dirt / Gravel Road

 Streams

 Lakes and Rivers

 Compartment Boundary

 Treatments with Site Conditions

 Selection

 411 - Northern Hardwood

 414 - Other Upland Deciduous

 419 - Mixed Upland Deciduous

 422 - Natural Pines

 423 - Other Upland Conifers

 429 - Mixed Upland Conifers

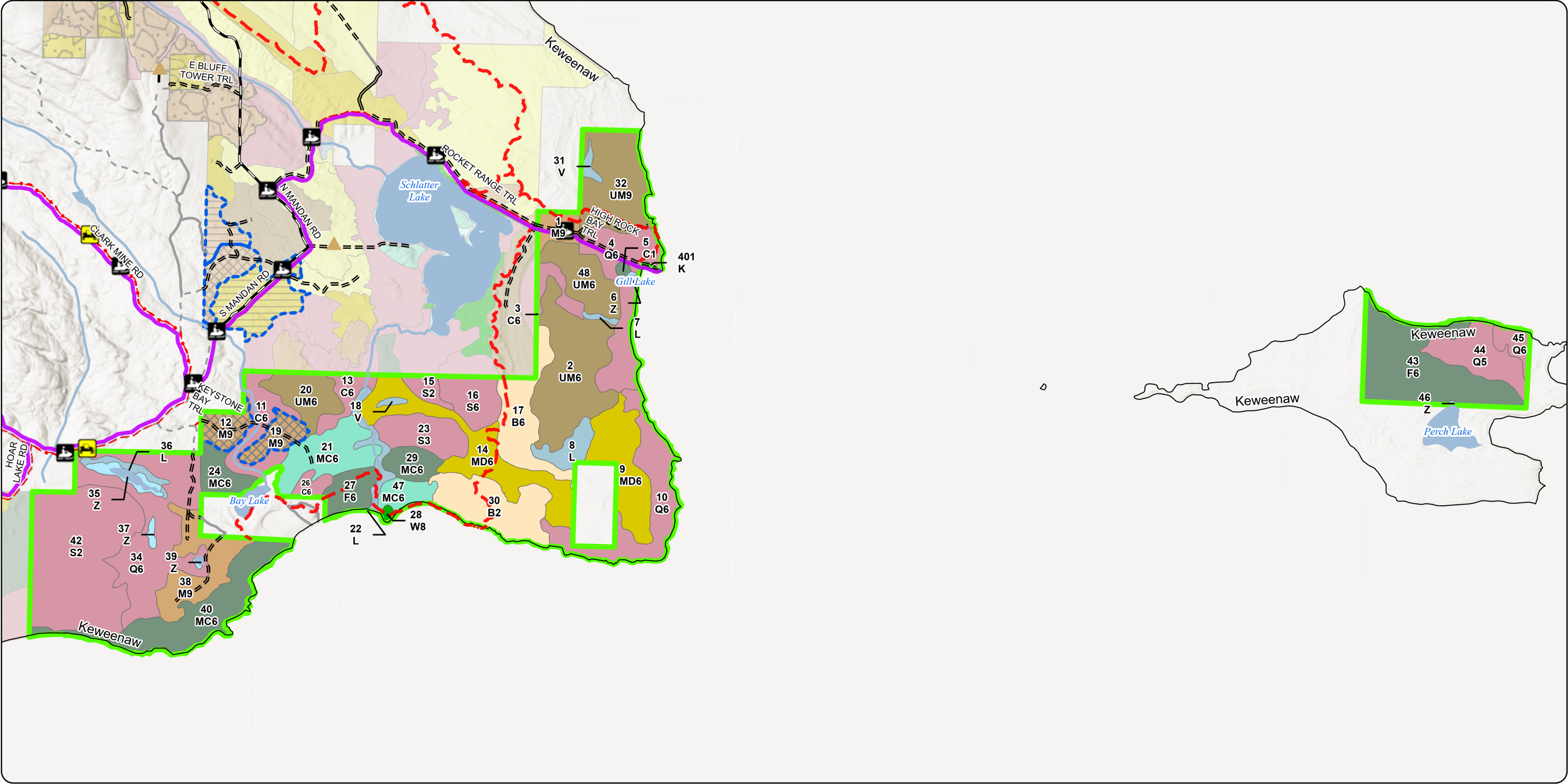
 430 - Upland Mixed Forest

 500 - Water

 612 - Lowland Coniferous Forest

 622 - Lowland Shrub

 720 - Exposed Rock



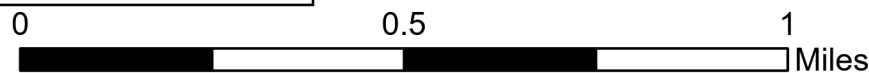
The main map displays a detailed view of land cover and treatments in Keweenaw County. The map is divided into numerous numbered treatment areas, each color-coded according to the legend. Key features include:

- Roads:** Labeled roads include E BLUFF TOWER TRL, CLARK MINE RD, HOAR LAKE RD, KEystone BAY TRL, S MANDAN RD, N MANDAN RD, ROCKET RANGE TRL, and HIGH ROCK BAY TRL.
- Lakes:** Labeled lakes include Schlatter Lake, Gill Lake, Bay Lake, and Perch Lake.
- Cover Types:** The map shows various cover types such as 411 - Northern Hardwood, 414 - Other Upland Deciduous, 419 - Mixed Upland Deciduous, 422 - Natural Pines, 423 - Other Upland Conifers, 429 - Mixed Upland Conifers, 430 - Upland Mixed Forest, 500 - Water, 612 - Lowland Coniferous Forest, 622 - Lowland Shrub, and 720 - Exposed Rock.
- Treatments:** Numbered treatment areas (e.g., 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100) are shown across the map.

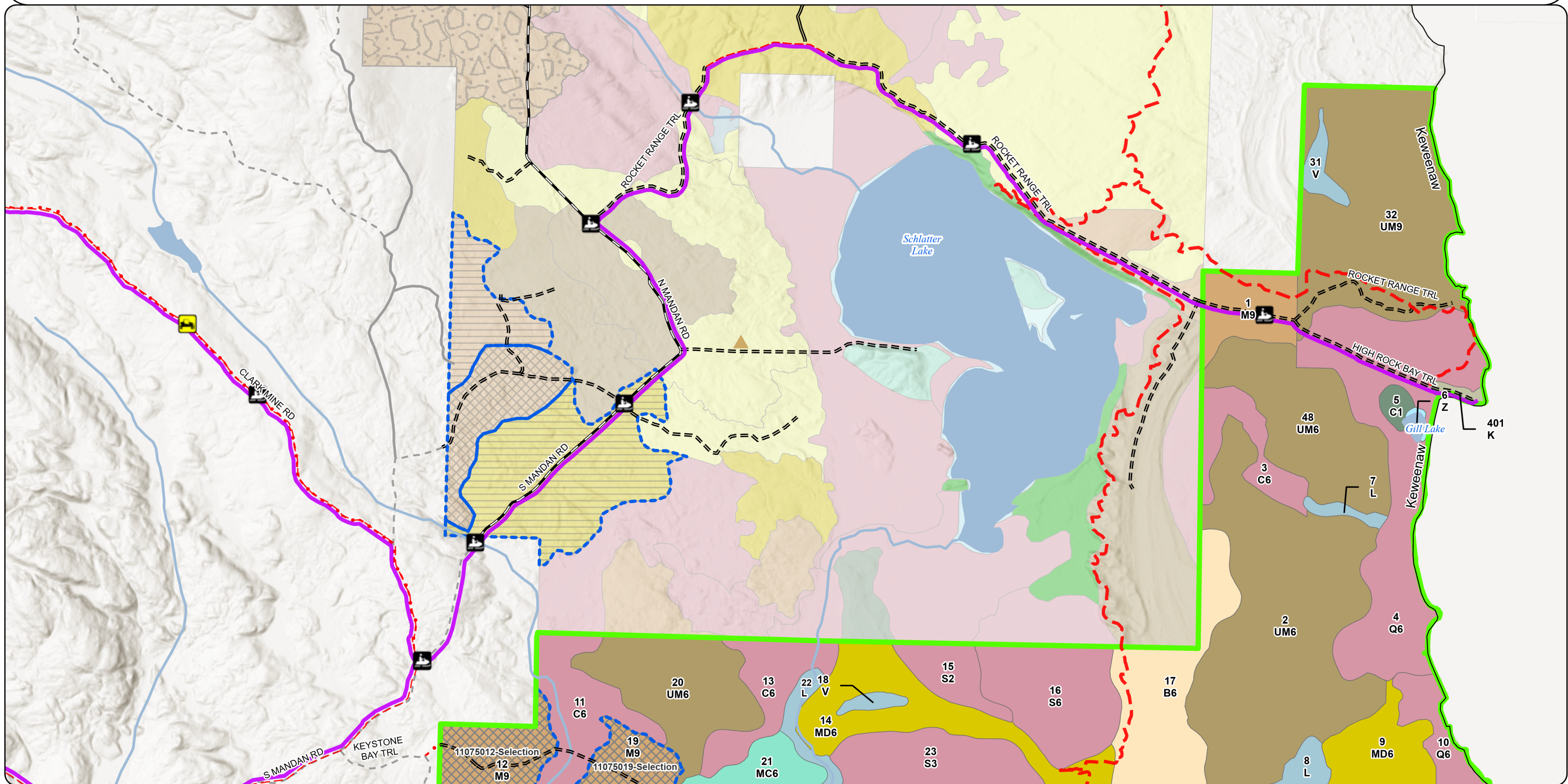
The map also includes a scale bar (0 to 2 miles) and a north arrow. The Keweenaw County boundary is indicated by a green line.

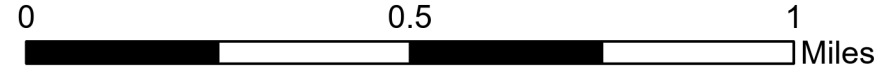
Cover Type & Treatments Map

Compartment: 11075
T58N, R27W, Sec: 10,15,19-22,27,29-30
T58N, R26W, Sec: 16
County: Keweenaw
Unit: Baraga
Mgmt. Area: Keweenaw
YOE: 2028
Acres: 3,122 GIS Calculated
Examiner: Brad Carlson
Date Exported: 06/18/2026
Map Phase: Post Review

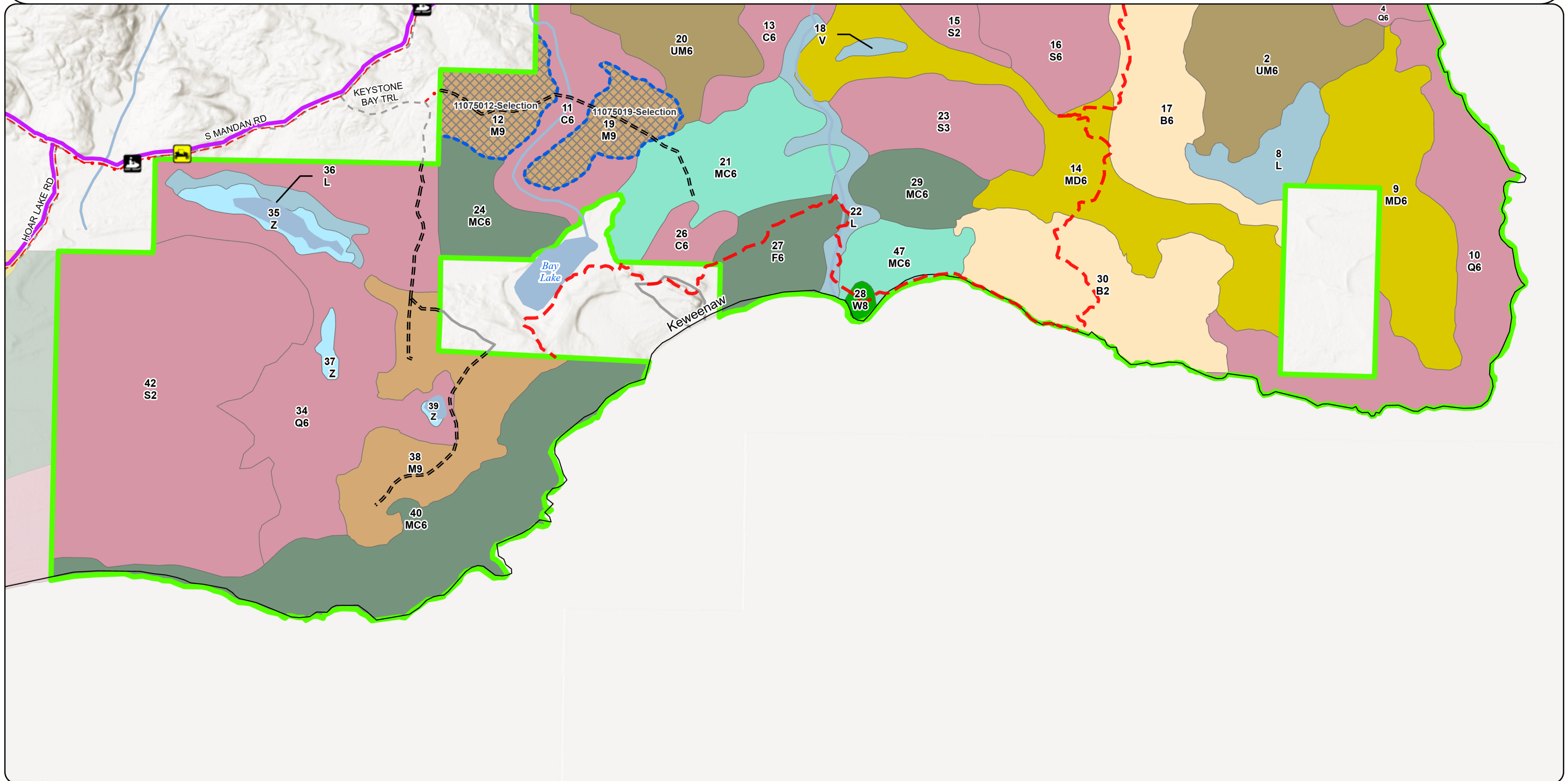


- | | | | |
|-----------------------------|-------------------------------|---------------------------------|---------------------------------|
| Berm | DNR - Forest Access Route | Compartment Boundary | 429 - Mixed Upland Conifers |
| Designated Bicycle Trails | County - Gravel Road | Treatments with Site Conditions | 430 - Upland Mixed Forest |
| Designated ORV Routes | County - Dirt Road (Seasonal) | Selection | 500 - Water |
| Designated Snowmobile | Private - Paved Road | 411 - Northern Hardwood | 612 - Lowland Coniferous Forest |
| DNR - Primary Forest Road | Private - Dirt / Gravel Road | 414 - Other Upland Deciduous | 622 - Lowland Shrub |
| DNR - Secondary Forest Road | Streams | 419 - Mixed Upland Deciduous | 720 - Exposed Rock |
| | Lakes and Rivers | 423 - Other Upland Conifers | |

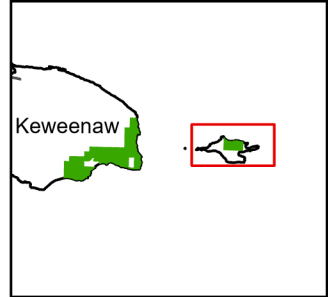




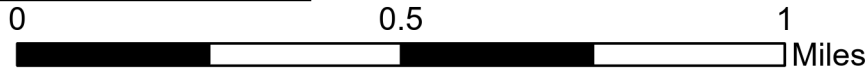
- | | | | |
|---|--|--|---|
|  Designated Bicycle Trails |  Private - Paved Road |  Selection |  429 - Mixed Upland Conifers |
|  Designated ORV Routes |  Private - Dirt / Gravel Road |  411 - Northern Hardwood |  430 - Upland Mixed Forest |
|  Designated Snowmobile |  Streams |  414 - Other Upland Deciduous |  500 - Water |
|  DNR - Secondary Forest Road |  Lakes and Rivers |  419 - Mixed Upland Deciduous |  612 - Lowland Coniferous Forest |
|  DNR - Forest Access Route |  Compartment Boundary |  422 - Natural Pines |  622 - Lowland Shrub |
|  County - Gravel Road |  Treatments with Site Conditions |  423 - Other Upland Conifers | |



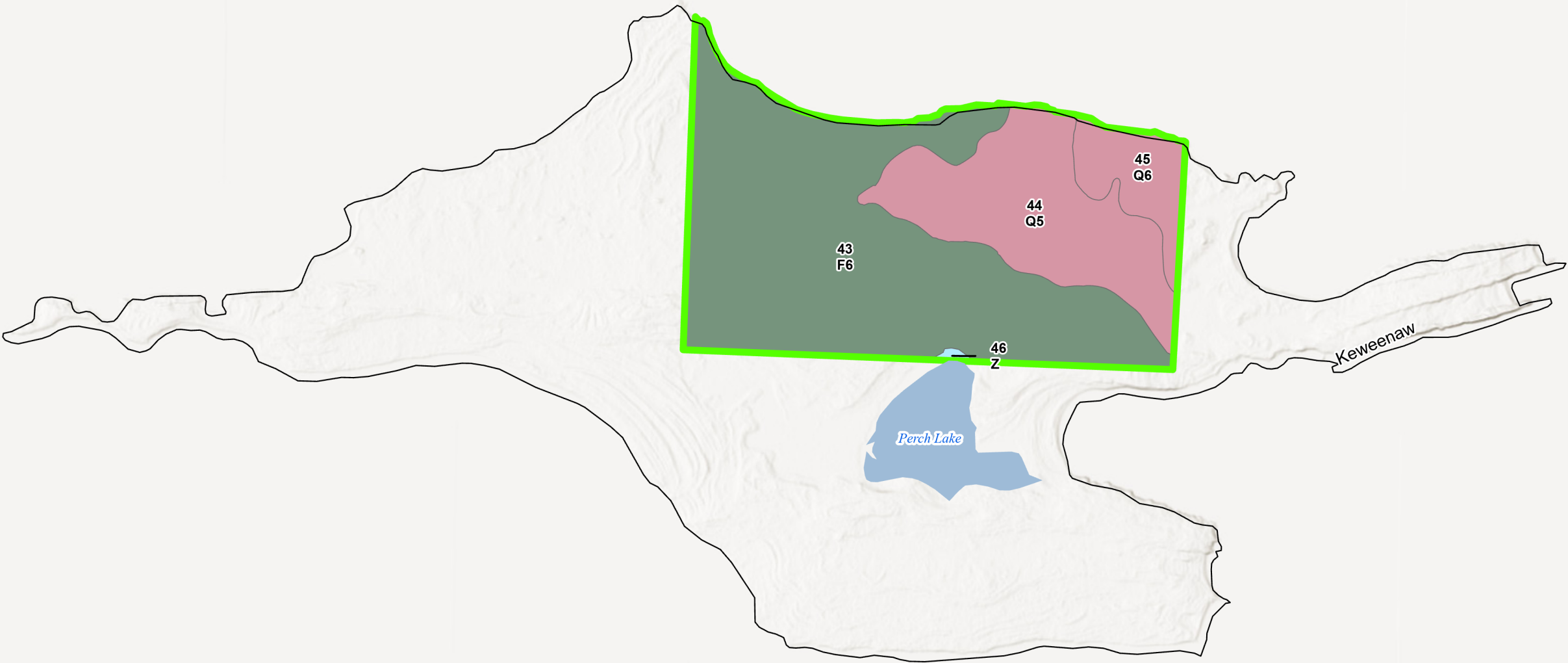
Cover Type & Treatments Map



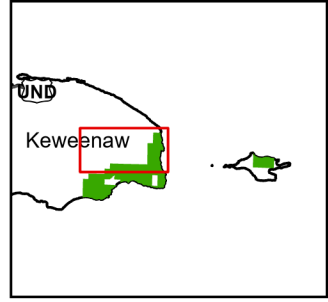
Compartment: 11075
T58N, R27W, Sec: 10,15,19-22,27,29-30
T58N, R26W, Sec: 16
County: Keweenaw
Unit: Baraga
Mgmt. Area: Keweenaw
YOE: 2028
Acres: 3,122 GIS Calculated
Examiner: Brad Carlson
Date Exported: 06/18/2026
Map Phase: Post Review



- Lakes and Rivers
- Compartment Boundary
- 423 - Other Upland Conifers
- 500 - Water
- 612 - Lowland Coniferous Forest



Stand Boundary Map

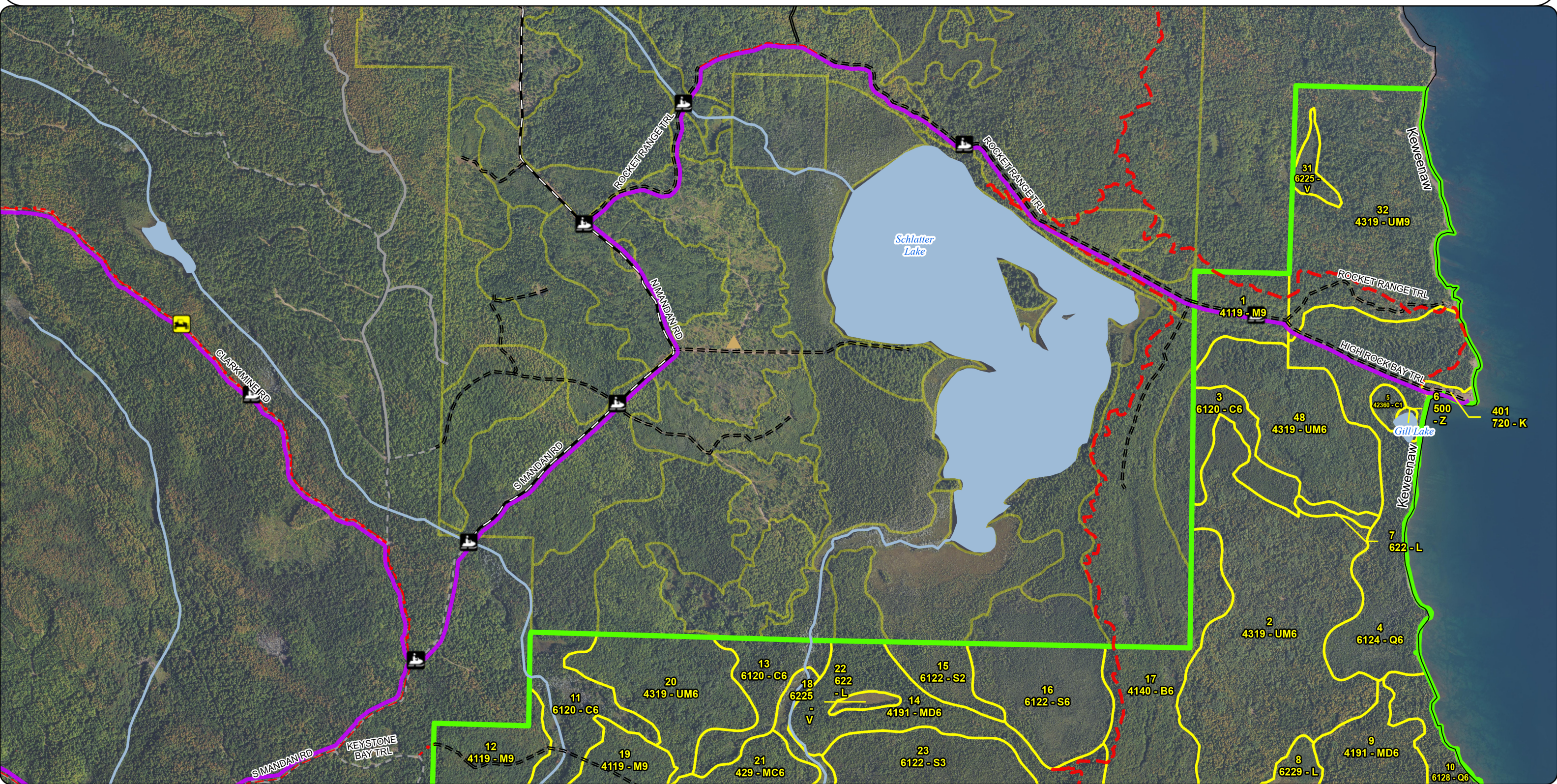


Compartment: 11075
T58N, R27W, Sec: 10,15,19-22,27,29-30
T58N, R26W, Sec: 16
County: Keweenaw
Unit: Baraga
Mgmt. Area: Keweenaw
YOE: 2028
Acres: 3,122 GIS Calculated
Examiner: Brad Carlson
Date Exported: 06/18/2026
Map Phase: Post Review

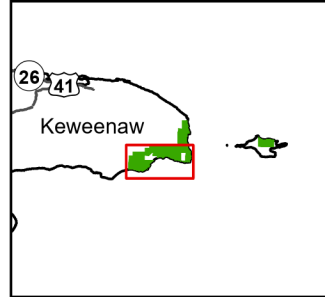
- Berm
- Designated Bicycle Trails
- Designated ORV Routes
- Designated Snowmobile
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road

- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- Compartment Boundary
- Compartment Stand Yellow Outline (PD)
- 411 - Northern Hardwood
- 414 - Other Upland Deciduous

- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 612 - Lowland Coniferous Forest
- 622 - Lowland Shrub
- 720 - Exposed Rock



Stand Boundary Map



Compartment: 11075
T58N, R27W, Sec: 10,15,19-22,27,29-30
T58N, R26W, Sec: 16
County: Keweenaw
Unit: Baraga
Mgmt. Area: Keweenaw
YOE: 2028
Acres: 3,122 GIS Calculated
Examiner: Brad Carlson
Date Exported: 06/18/2026
Map Phase: Post Review

- Designated Bicycle Trails
- Designated ORV Routes
- Designated Snowmobile
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road

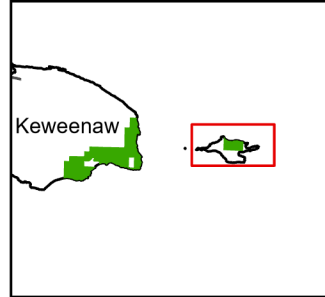
- Streams
- Lakes and Rivers
- Compartment Boundary
- Compartment Stand Yellow Outline (PD)

- 411 - Northern Hardwood
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 411 - Northern Hardwood
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines

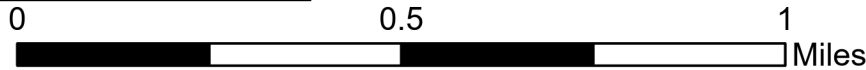
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 612 - Lowland Coniferous Forest
- 622 - Lowland Shrub
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 612 - Lowland Coniferous Forest
- 622 - Lowland Shrub



Stand Boundary
Map



Compartment: 11075
T58N, R27W, Sec: 10,15,19-22,27,29-30
T58N, R26W, Sec: 16
County: Keweenaw
Unit: Baraga
Mgmt. Area: Keweenaw
YOE: 2028
Acres: 3,122 GIS Calculated
Examiner: Brad Carlson
Date Exported: 06/18/2026
Map Phase: Post Review



- Lakes and Rivers
- Compartment Boundary
- Compartment Stand Yellow Outline (PD)
- 423 - Other Upland Conifers
- 500 - Water
- 612 - Lowland Coniferous Forest
- 423 - Other Upland Conifers
- 500 - Water
- 612 - Lowland Coniferous Forest



Special Conservation Areas & Site Conditions Map

Compartment: 11075
T58N, R27W, Sec: 10,15,19-22,27,29-30
T58N, R26W, Sec: 16
County: Keweenaw
Unit: Baraga
Mgmt. Area: Keweenaw
YOE: 2028
Acres: 3,122 GIS Calculated
Examiner: Brad Carlson
Date Exported: 06/18/2026
Map Phase: Post Review



0 0.5 1 Miles



Berm



Designated Bicycle Trails



Designated ORV Routes



Designated Snowmobile



DNR - Primary Forest Road



DNR - Secondary Forest Road



DNR - Forest Access Route



County - Gravel Road



County - Dirt Road (Seasonal)



Private - Paved Road



Private - Dirt / Gravel Road



Streams



Lakes and Rivers



Compartment Boundary



Ecological Reference Areas



SCA



Cold Water Streams



High Priority Trout Stream Buffer



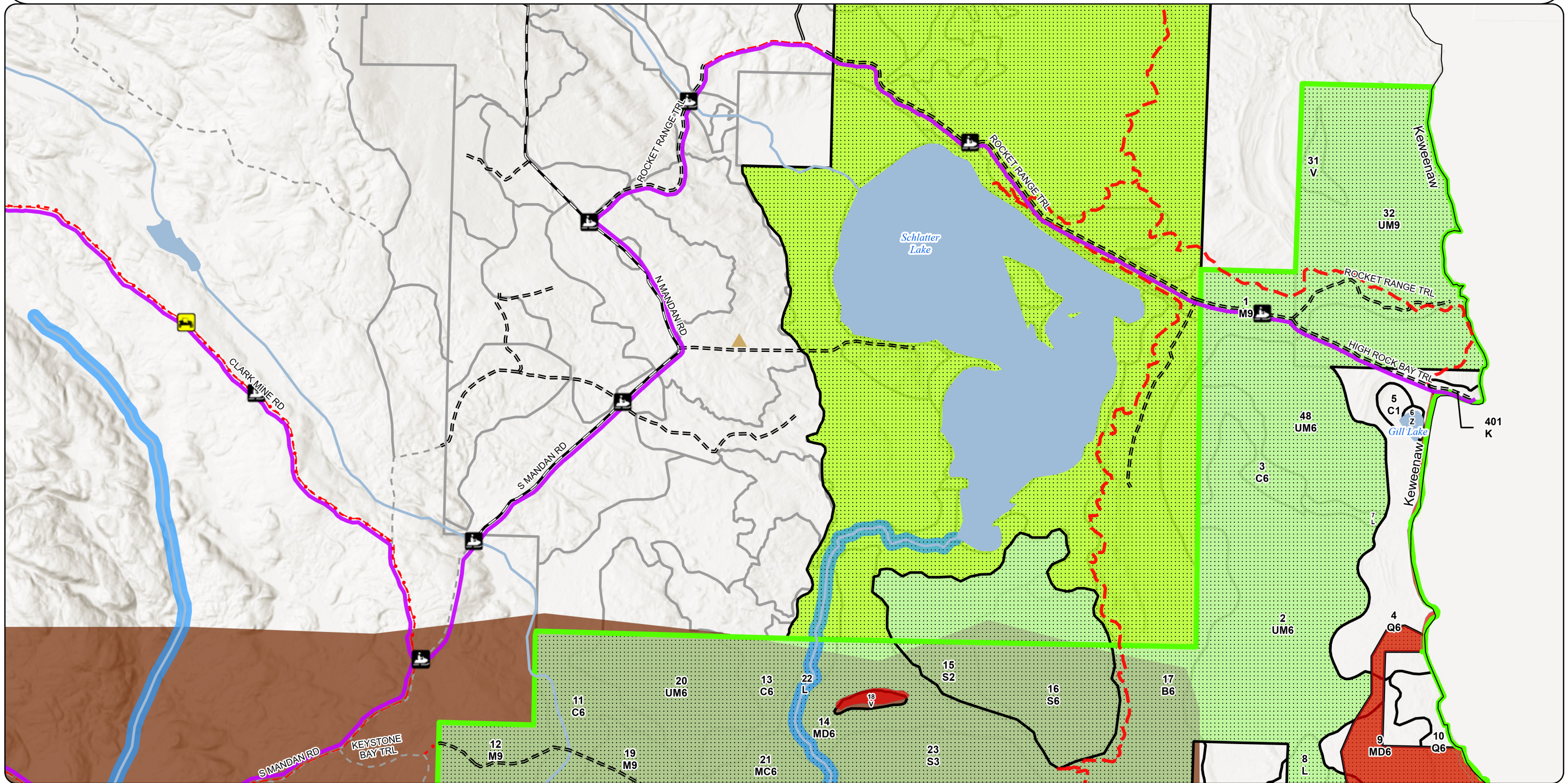
Type 1 and Type 2 Old Growth



Deer Winter Range

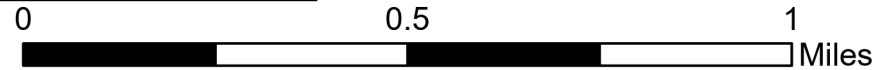
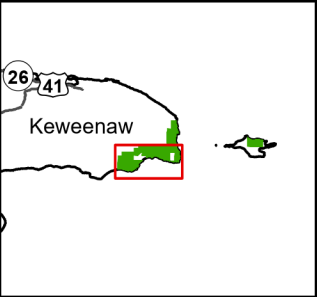


Possible Type 2 Old Growth



**Special Conservation Areas
& Site Conditions Map**

Compartment: 11075
T58N, R27W, Sec: 10,15,19-22,27,29-30
T58N, R26W, Sec: 16
County: Keweenaw
Unit: Baraga
Mgmt. Area: Keweenaw
YOE: 2028
Acres: 3,122 GIS Calculated
Examiner: Brad Carlson
Date Exported: 06/18/2026
Map Phase: Post Review



- Designated Bicycle Trails

=== Designated ORV Routes

--- Designated Snowmobile

== DNR - Secondary Forest Road

=== DNR - Forest Access Route

-.-.- County - Gravel Road

— Private - Paved Road
- Private - Dirt / Gravel Road

— Streams

— Lakes and Rivers

— Compartment Boundary

High Conservation Value Areas

Ecological Reference Areas

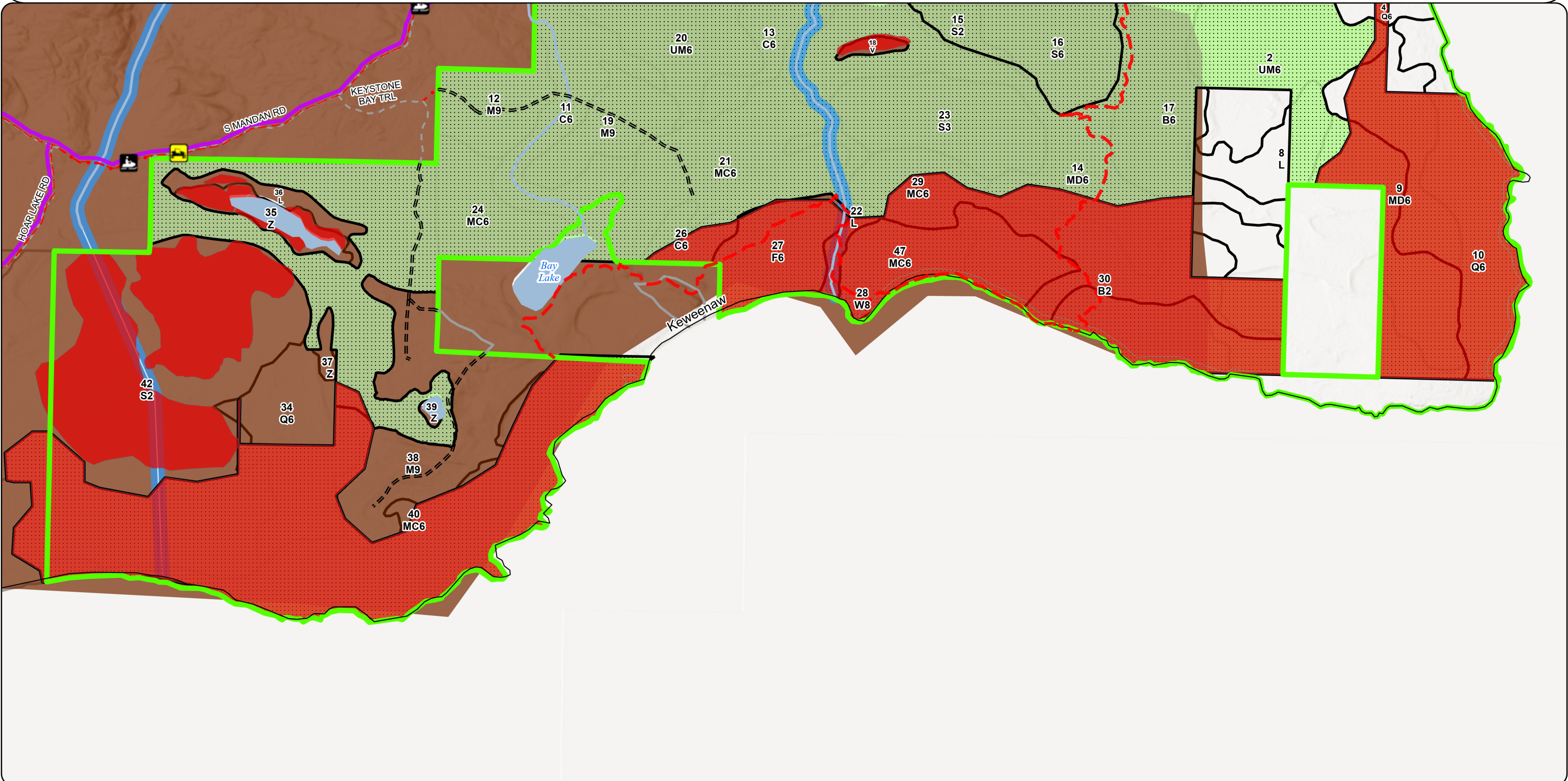
SCA
- Cold Water Streams

High Priority Trout Stream Buffer

Type 1 and Type 2 Old Growth

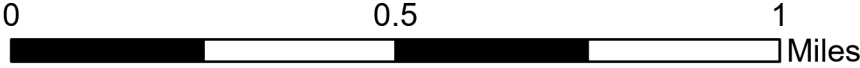
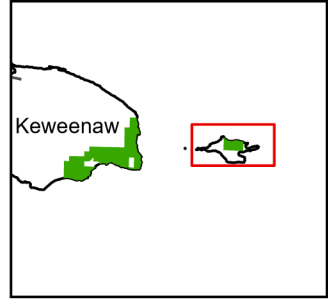
Deer Winter Range

Possible Type 2 Old Growth

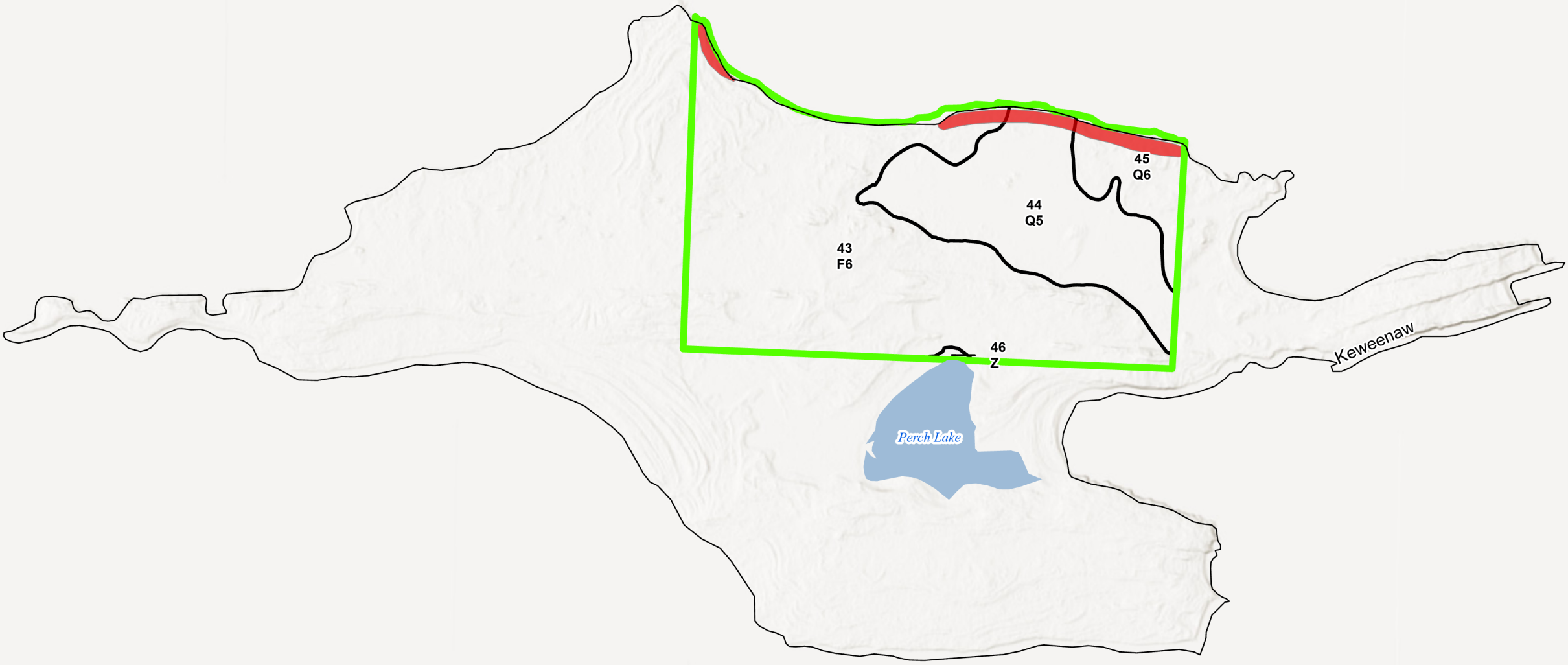


**Special Conservation Areas
& Site Conditions Map**

Compartment: 11075
T58N, R27W, Sec: 10,15,19-22,27,29-30
T58N, R26W, Sec: 16
County: Keweenaw
Unit: Baraga
Mgmt. Area: Keweenaw
YOE: 2028
Acres: 3,122 GIS Calculated
Examiner: Brad Carlson
Date Exported: 06/18/2026
Map Phase: Post Review



- Lakes and Rivers
- Compartment Boundary
- High Conservation Value Areas
- Ecological Reference Areas



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+	Uneven-Aged	Total
Bog	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Cedar	0	0	0	0	0	0	0	32	0	0	0	5	17	0	0	94	0	0	148
Exposed Rock	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	25	266	0	0	221	0	83	0	594
Lowland Shrub	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79
Lowland Spruce/Fir	0	0	0	0	0	0	0	20	0	441	0	0	0	0	0	0	0	0	461
Mixed Upland Deciduous	0	0	0	0	0	0	0	113	154	0	0	0	0	0	0	0	0	0	267
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	204	0	0	0	0	0	0	204
Paper Birch	0	0	0	123	0	0	0	100	0	0	0	0	0	0	0	0	0	0	223
Upland Conifers	0	0	0	0	0	0	94	43	0	36	0	0	0	33	0	0	162	0	368
Upland Mixed Forest	0	0	0	0	0	0	64	268	0	0	0	141	0	0	0	0	0	0	473
Upland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	211	0	0	46	0	0	0	0	257
Water	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
Total	125	0	0	123	0	0	158	576	154	477	236	616	17	79	221	94	249	0	3124



Report 2 – Treatment Summary

Baraga Mgt. Unit
Year of Entry: 2028

Acres of Harvest

Compartment 75
Total Compartment Acres: 3,122

Commercial Harvest -
Harvests with Site Condition - 150
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

		ClearcutSelectionPatch ClearcutSeed TreeShelterwoodThinningOverstory RemovalSalvageOtherTotal Acres									
Northern Hardwood		0	75	0	0	0	0	0	0	0	75
	Total	0	75	0	0	0	0	0	0	0	75

Proposed and Next Step Treatments by Method

		HarvestSite PrepPlantingSeedingBurningPesticideMonitoringOtherNon-Forest Mgt.Total Acres								
Current		75	0	0	0	0	0	0	0	75
Next Step		0	0	0	0	0	75	0	0	75
	Total	75	0	0	0	0	75	0	0	150



Standard

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

Approved Treatments:

12	11075012-Selection	38.0	4119 - Mixed Northern Hardwoods	9	109	141-170	Harvest	Selection	411 - Northern Hardwood	Uneven-Aged	No
<u>Prescription</u> Selectively thin hardwoods to 50-60 sqft of BA. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides <u>Specs:</u> to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Any combination of the original stands over story species prior to harvest. <u>Regen:</u> <u>Other</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species. Follow <u>Comment:</u> NLEB harvest restrictions. <u>Site Condition:</u> Other Dept./Div. Processes <u>Proposed Start Date:</u> 10/01/2027											
19	11075019-Selection	37.1	4119 - Mixed Northern Hardwoods	9	109	141-170	Harvest	Selection	411 - Northern Hardwood	Uneven-Aged	No
<u>Prescription</u> Selectively thin hardwoods to 50-60 sqft of BA. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides <u>Specs:</u> to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Any combination of the original stands over story species prior to harvest. <u>Regen:</u> <u>Other</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species. Follow <u>Comment:</u> NLEB harvest restrictions. <u>Site Condition:</u> Other Dept./Div. Processes <u>Proposed Start Date:</u> 10/01/2027											

Total Treatment 75.1
Acreage Proposed:



Availability for Management

Total Acres	Acres Available	Acres With Condition	Acres Not Available
-------------	-----------------	----------------------	---------------------

Dominant Site Conditions

5C	1C	2H	3A	3K
----	----	----	----	----

12	8	0	4	Bog					4
148	22	0	126	Cedar				126	
3	3	0	0	Exposed Rock					
584	0	0	584	Lowland Conifers			107	223	254
79	64	0	14	Lowland Shrub					14
460	0	0	461	Lowland Spruce/Fir				147	314
266	0	0	266	Mixed Upland Deciduous				154	113
118	0	12	106	Northern Hardwood	12	75		31	
222	0	0	222	Paper Birch				154	68
367	0	0	367	Upland Conifers				172	195
473	0	0	473	Upland Mixed Forest				473	
257	0	0	257	Upland Spruce/Fir			211		46
31	10	0	21	Water					21
4	4	0	0	White Pine					
3,024	111	12	2,901	Total Forested Acres	12	75	318	1,479	1,030
	4%	0%	96%	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 Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3A: Conservation values incompatible with harvest at this time	1,481	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Potential type 2 old growth							
3	Unavailable	3K: Rare or unique landforms	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA: Keweenaw Point Bog G3G5, S4							

Report 4 – Site Conditions



4	Unavailable	3K: Rare or unique landforms	321	3B: Threatened, endangered, and special concern species	3G: Other influence zones - See comments	Unspecified	Unspecified
Comments: ERA Boreal Forest GU-S3							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: BA in this area is low.							
9	Unavailable	1C: Other Dept. or Div. process	38	3A: Conservation values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: The stand is within the Wolverine Copper Carbon Credit project. Treatment may not be desirable at this time.							
10	Unavailable	1C: Other Dept. or Div. process	37	3A: Conservation values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: Stand is within the Wolverine Copper Carbon Credit program. Treatment may not be desirable at this time.							
12	Unavailable	3K: Rare or unique landforms	321	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERAs: Northern Fen G3S3, Patterned Fen GUS2, Boreal Forest GUS3,							
13	Unavailable	3K: Rare or unique landforms	36	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERAs: Northern Fen G3S3, Emergent Marsh GUS4, Submergent Marsh GUS4							



27	Unavailable	3K: Rare or unique landforms	46	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: ERA Boreal Forest GU-S3							
30	Unavailable	3K: Rare or unique landforms	63	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: ERA Boreal Forest GU-S3							
32	Unavailable	3K: Rare or unique landforms	51	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: ERA Boreal Forest GU-S3							
40	Unavailable	3K: Rare or unique landforms	197	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: ERA Boreal Forest GU-S3							
43	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	318	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

**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
Keweenaw Point Comments Element Occurrence	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth	SCA	148
Keweenaw Point Comments Element Occurrence	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth	SCA	796
Comments Possible type 2 old growth	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth	SCA	1617



MICHIGAN

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																														
1	4119 - Mixed Northern Hardwoods	Sawtimber Well	30.6	109	111-140	N/A	Previous forest management occurred prior to the state acquiring the property in 2001/2002. Poor quality. There is a mountain bike trail in the northern portion of the stand. The Highrock Bay Road is also an ATV and Snowmobile trail. Forest management in this area would be difficult due to location and lack of markets.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>30</td><td>Log</td><td>14</td><td>109</td></tr><tr><td>Red Maple</td><td>35</td><td>Log/Pole</td><td>10</td><td>109</td></tr><tr><td>Paper Birch</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Red Oak</td><td>5</td><td>Log</td><td>16</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</td><td>14</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>XLog/Log</td><td>18</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	30	Log	14	109	Red Maple	35	Log/Pole	10	109	Paper Birch	5	Log/Pole	10		Quaking Aspen	10	Log/Pole	10		Red Oak	5	Log	16		Balsam Fir	5	Pole	8		Yellow Birch	5	Log	14		White Pine	5	XLog/Log	18		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Mountain Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Sugar Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	10 - 20 feet	10 - 20 feet	Balsam Fir	Low	10 - 20 feet	10 - 20 feet	Mountain Maple	Low	5 - 10 feet	5 - 10 feet	Sugar Maple	Low	10 - 20 feet	10 - 20 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Sugar Maple	30	Log	14	109																																																																	
Red Maple	35	Log/Pole	10	109																																																																	
Paper Birch	5	Log/Pole	10																																																																		
Quaking Aspen	10	Log/Pole	10																																																																		
Red Oak	5	Log	16																																																																		
Balsam Fir	5	Pole	8																																																																		
Yellow Birch	5	Log	14																																																																		
White Pine	5	XLog/Log	18																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																																																		
Balsam Fir	Low	10 - 20 feet	10 - 20 feet																																																																		
Mountain Maple	Low	5 - 10 feet	5 - 10 feet																																																																		
Sugar Maple	Low	10 - 20 feet	10 - 20 feet																																																																		
2	4319 - Mixed Upland Forest	Poletimber Well	191.5	68	81-110	N/A	Longyear acquisition. Clearcut in late 1950's.Very similar to stand 48. However, this stand has a bit more birch. Poor quality. Forest management in this area would be difficult due to location and lack of markets.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Paper Birch</td><td>30</td><td>Pole</td><td>7</td><td>68</td></tr><tr><td>Quaking Aspen</td><td>25</td><td>Pole</td><td>7</td><td>68</td></tr><tr><td>Balsam Fir</td><td>15</td><td>Pole</td><td>7</td><td></td></tr><tr><td>White Spruce</td><td>5</td><td>Pole</td><td>7</td><td></td></tr><tr><td>Black Spruce</td><td>15</td><td>Pole</td><td>7</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Log</td><td>16</td><td></td></tr><tr><td>Northern White Cedar</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Paper Birch	30	Pole	7	68	Quaking Aspen	25	Pole	7	68	Balsam Fir	15	Pole	7		White Spruce	5	Pole	7		Black Spruce	15	Pole	7		White Pine	5	Log	16		Northern White Cedar	5	Log/Pole	10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Striped Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Northern White Cedar</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Striped Maple	Medium	10 - 20 feet	10 - 20 feet	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	Red Maple	Low	10 - 20 feet	10 - 20 feet	Northern White Cedar	Low	10 - 20 feet	10 - 20 feet					
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Paper Birch	30	Pole	7	68																																																																	
Quaking Aspen	25	Pole	7	68																																																																	
Balsam Fir	15	Pole	7																																																																		
White Spruce	5	Pole	7																																																																		
Black Spruce	15	Pole	7																																																																		
White Pine	5	Log	16																																																																		
Northern White Cedar	5	Log/Pole	10																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Striped Maple	Medium	10 - 20 feet	10 - 20 feet																																																																		
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																																		
Red Maple	Low	10 - 20 feet	10 - 20 feet																																																																		
Northern White Cedar	Low	10 - 20 feet	10 - 20 feet																																																																		
3	6120 - Lowland Cedar	Poletimber Well	24.9	143	81-110	N/A	Cedar stand with a drainage running through it.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></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>Log/Pole</td><td>12</td><td></td></tr><tr><td>Balsam Fir</td><td>10</td><td>Pole/Sapling</td><td>5</td><td></td></tr><tr><td>Northern White Cedar</td><td>50</td><td>Log/Pole</td><td>10</td><td>143</td></tr><tr><td>Black Spruce</td><td>30</td><td>Pole</td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Paper Birch	5	Pole/Sapling	6		White Pine	5	Log/Pole	12		Balsam Fir	10	Pole/Sapling	5		Northern White Cedar	50	Log/Pole	10	143	Black Spruce	30	Pole	6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Striped Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Black Spruce</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Northern White Cedar</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Striped Maple	Medium	10 - 20 feet	10 - 20 feet	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	Black Spruce	Medium	10 - 20 feet	10 - 20 feet	Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet															
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Paper Birch	5	Pole/Sapling	6																																																																		
White Pine	5	Log/Pole	12																																																																		
Balsam Fir	10	Pole/Sapling	5																																																																		
Northern White Cedar	50	Log/Pole	10	143																																																																	
Black Spruce	30	Pole	6																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Striped Maple	Medium	10 - 20 feet	10 - 20 feet																																																																		
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																																		
Black Spruce	Medium	10 - 20 feet	10 - 20 feet																																																																		
Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet																																																																		
4	6124 - Lowland Spruce-Fir	Poletimber Well	124.0	102	111-140	N/A	Lake Superior shore zone. Upland soil, mix of spruce fir and cedar. Potential for threatened and endangered species. Strip on lake, south end, ERA basalt bedrock lakeshore. G3 S2, EO rank B. There is a mountain bike trail along the shoreline in the stand. There are also several well used dispersed campsites along the shoreline.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>10</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>6</td><td></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>5</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Black Spruce</td><td>40</td><td>Pole</td><td>6</td><td>102</td></tr><tr><td>White Pine</td><td>5</td><td>Log</td><td>14</td><td></td></tr><tr><td>Northern White Cedar</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	10	Pole	6		Paper Birch	5	Pole	6		Balsam Fir	30	Pole	6		White Spruce	5	Pole	6		Black Spruce	40	Pole	6	102	White Pine	5	Log	14		Northern White Cedar	5	Log/Pole	10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Spruce</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Striped Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Spruce	Low	10 - 20 feet	10 - 20 feet	Red Maple	Low	10 - 20 feet	10 - 20 feet	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	Striped Maple	Medium	10 - 20 feet	10 - 20 feet					
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Quaking Aspen	10	Pole	6																																																																		
Paper Birch	5	Pole	6																																																																		
Balsam Fir	30	Pole	6																																																																		
White Spruce	5	Pole	6																																																																		
Black Spruce	40	Pole	6	102																																																																	
White Pine	5	Log	14																																																																		
Northern White Cedar	5	Log/Pole	10																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
White Spruce	Low	10 - 20 feet	10 - 20 feet																																																																		
Red Maple	Low	10 - 20 feet	10 - 20 feet																																																																		
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																																		
Striped Maple	Medium	10 - 20 feet	10 - 20 feet																																																																		



<





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
17	4140 - Other Upland Deciduous	Poletimber Well	99.5	68	81-110	N/A	OI Stand Year Origin was 1958. The birch stocking increases towards the southern part of the stand. Forest management is not desirable due to location and access. There is a mountain bike trail through the stand.
		Canopy Species	% Cover	Size Class	DBH	Age	
		Red Maple	5	Log/Pole	10		
		Yellow Birch	5	Pole	8		
		Paper Birch	65	Pole	8	68	
		Quaking Aspen	5	Pole	8		
		Balsam Fir	5	Pole	8		
		White Spruce	5	Pole	8		
		Black Spruce	5	Pole	8		
		White Pine	5	Log	16		
		Sub-Canopy Species	Density	Avg. Height	Size		
		Striped Maple	Low	10 - 20 feet	10 - 20 feet		
		Red Maple	Low	10 - 20 feet	10 - 20 feet		
		Balsam Fir	Low	10 - 20 feet	10 - 20 feet		
		White Spruce	Low	10 - 20 feet	10 - 20 feet		
18	6225 - Bog	None	4.2			No	
19	4119 - Mixed Northern Hardwoods	Sawtimber Well	37.1	109	141-170	N/A	BA's 140, 150, 160. Previous forest management occurred prior to the State acquiring the property in 2001/2002. Poor Quality. The forest road that accesses Union Creek and Keystone Bay is in the stand.
		Canopy Species	% Cover	Size Class	DBH	Age	
		Red Maple	20	Log	16		
		Sugar Maple	45	Log	16	109	
		Yellow Birch	10	Log	16		
		Paper Birch	10	Log/Pole	10		
		Quaking Aspen	5	Log	16		
		White Pine	5	Log	16		
		Northern White Cedar	5	Log/Pole	10		
		Sub-Canopy Species	Density	Avg. Height	Size		
		Sugar Maple	Medium	10 - 20 feet	10 - 20 feet		
		Red Maple	Medium	10 - 20 feet	10 - 20 feet		
20	4319 - Mixed Upland Forest	Poletimber Well	64.2	55	81-110	N/A	Recommended for 'minimum impact' zone by the Keweenaw Point Advisory Committee. Forest management is not desirable due to location and access.
		Canopy Species	% Cover	Size Class	DBH	Age	
		Balsam Fir	25	Pole	6	55	
		Sugar Maple	15	Pole/Log	8		
		Paper Birch	15	Pole	6		
		Northern White Cedar	20	Log	12		
		White Pine	5	Log	16		
		White Spruce	5	Pole	6		
		Yellow Birch	10	Log	16		
		Red Maple	5	Pole	6		
		Sub-Canopy Species	Density	Avg. Height	Size		
		Balsam Fir	Medium	10 - 20 feet	10 - 20 feet		
		Red Maple	Medium	10 - 20 feet	10 - 20 feet		



MICHIGAN

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																
21	429 - Mixed Upland Conifers	Poletimber Well	94.1	55	51-80	N/A	The forest road that access Union Creek and Keystone bay is in the stand. Forest management is not desirable due to location and access.																																																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>5</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Paper Birch</td><td>15</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Balsam Fir</td><td>25</td><td>Pole</td><td>6</td><td>55</td></tr><tr><td>White Spruce</td><td>5</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Black Spruce</td><td>20</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Northern White Cedar</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Log</td><td>16</td><td></td></tr><tr><td>Quaking Aspen</td><td>5</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Yellow Birch</td><td>5</td><td>Log</td><td>16</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	5	Pole	6		Red Maple	10	Pole	6		Paper Birch	15	Pole	6		Balsam Fir	25	Pole	6	55	White Spruce	5	Pole	6		Black Spruce	20	Pole	6		Northern White Cedar	5	Log/Pole	12		White Pine	5	Log	16		Quaking Aspen	5	Pole	8		Yellow Birch	5	Log	16		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
Sugar Maple	5	Pole	6																																																																				
Red Maple	10	Pole	6																																																																				
Paper Birch	15	Pole	6																																																																				
Balsam Fir	25	Pole	6	55																																																																			
White Spruce	5	Pole	6																																																																				
Black Spruce	20	Pole	6																																																																				
Northern White Cedar	5	Log/Pole	12																																																																				
White Pine	5	Log	16																																																																				
Quaking Aspen	5	Pole	8																																																																				
Yellow Birch	5	Log	16																																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																																				
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																																				
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																																																				
22	622 - Lowland Shrub	None	26.4			No	Wetland along Union Creek.																																																																
23	6122 - Black Spruce	Sapling Well	69.2	89	Unspecified	N/A																																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>90</td><td>Sapling/Pole</td><td>4</td><td>89</td></tr><tr><td>Northern White Cedar</td><td>5</td><td>Sapling/Pole</td><td>4</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Sapling/Pole</td><td>4</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	90	Sapling/Pole	4	89	Northern White Cedar	5	Sapling/Pole	4		Red Maple	5	Sapling/Pole	4																																																			
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
Black Spruce	90	Sapling/Pole	4	89																																																																			
Northern White Cedar	5	Sapling/Pole	4																																																																				
Red Maple	5	Sapling/Pole	4																																																																				
24	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Well	42.7	68	51-80	N/A	Forest management is not desirable at this time. Stand has some areas of wet ground.																																																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>10</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Yellow Birch</td><td>10</td><td>Log</td><td>14</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Balsam Fir</td><td>20</td><td>Pole</td><td>8</td><td></td></tr><tr><td>White Spruce</td><td>10</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>25</td><td>Pole</td><td>8</td><td>68</td></tr><tr><td>Northern White Cedar</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	10	Pole	6		Yellow Birch	10	Log	14		Paper Birch	5	Pole	6		Quaking Aspen	10	Log/Pole	10		Balsam Fir	20	Pole	8		White Spruce	10	Pole	8		Black Spruce	25	Pole	8	68	Northern White Cedar	10	Log/Pole	10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Northern White Cedar</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet						
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
Red Maple	10	Pole	6																																																																				
Yellow Birch	10	Log	14																																																																				
Paper Birch	5	Pole	6																																																																				
Quaking Aspen	10	Log/Pole	10																																																																				
Balsam Fir	20	Pole	8																																																																				
White Spruce	10	Pole	8																																																																				
Black Spruce	25	Pole	8	68																																																																			
Northern White Cedar	10	Log/Pole	10																																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																																				
Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet																																																																				
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																																				
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																																																				
26	6120 - Lowland Cedar	Poletimber Well	17.0	113	81-110	N/A																																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern White Cedar</td><td>75</td><td>Log/Pole</td><td>12</td><td>113</td></tr><tr><td>Balsam Fir</td><td>5</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Black Spruce</td><td>10</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Yellow Birch</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	75	Log/Pole	12	113	Balsam Fir	5	Pole	6		Black Spruce	10	Pole	6		Yellow Birch	5	Log/Pole	12		Red Maple	5	Log/Pole	10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Northern White Cedar</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Striped Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet	Striped Maple	Medium	10 - 20 feet	10 - 20 feet																										
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
Northern White Cedar	75	Log/Pole	12	113																																																																			
Balsam Fir	5	Pole	6																																																																				
Black Spruce	10	Pole	6																																																																				
Yellow Birch	5	Log/Pole	12																																																																				
Red Maple	5	Log/Pole	10																																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																																				
Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet																																																																				
Striped Maple	Medium	10 - 20 feet	10 - 20 feet																																																																				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																														
27	42340 - Upland Spruce/Fir	Poletimber Well	46.4	125	81-110	N/A	"Keystone Bay" LAKE SUPERIOR SHORE. Very nice sand beach. An illegal ATV trail is located along the east side of the stand. There is a mountain bike trail that crosses the stand. Forest management is not desirable due to location and access.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Balsam Fir</td><td>50</td><td>Pole</td><td>8</td><td>125</td></tr><tr><td>White Spruce</td><td>5</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>15</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Northern White Cedar</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Log</td><td>16</td><td></td></tr><tr><td>Paper Birch</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Balsam Fir	50	Pole	8	125	White Spruce	5	Pole	8		Black Spruce	15	Pole	8		Northern White Cedar	10	Log/Pole	10		White Pine	5	Log	16		Paper Birch	10	Log/Pole	10		Red Maple	5	Log/Pole	10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Northern White Cedar</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	10 - 20 feet	10 - 20 feet	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	Northern White Cedar	Low	10 - 20 feet	10 - 20 feet									
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Balsam Fir	50	Pole	8	125																																																																	
White Spruce	5	Pole	8																																																																		
Black Spruce	15	Pole	8																																																																		
Northern White Cedar	10	Log/Pole	10																																																																		
White Pine	5	Log	16																																																																		
Paper Birch	10	Log/Pole	10																																																																		
Red Maple	5	Log/Pole	10																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																																																		
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																																		
Northern White Cedar	Low	10 - 20 feet	10 - 20 feet																																																																		
28	42200 - Natural White Pine	Sawtimber Medium	4.3	189	51-80	N/A	POINT EAST OF KEYSTONE BAY. Very popular spot for dispersed camping. There are several sites with fire pits. The is a mountain bike trail that crosses the stand.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>80</td><td>XLog/Log</td><td>22</td><td>189</td></tr><tr><td>Balsam Fir</td><td>10</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	80	XLog/Log	22	189	Balsam Fir	10	Pole	8		Red Maple	10	Log/Pole	10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Striped Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	Striped Maple	Medium	10 - 20 feet	10 - 20 feet																																	
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
White Pine	80	XLog/Log	22	189																																																																	
Balsam Fir	10	Pole	8																																																																		
Red Maple	10	Log/Pole	10																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																																		
Striped Maple	Medium	10 - 20 feet	10 - 20 feet																																																																		
29	42390 - Mixed Non-Pine Upland Conifers	Poletimber Well	36.3	89	51-80	N/A	Very difficult access. Forest management is not desirable. Quite a few low areas in the stand.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern White Cedar</td><td>50</td><td>Log/Pole</td><td>12</td><td>89</td></tr><tr><td>Paper Birch</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Quaking Aspen</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Balsam Fir</td><td>10</td><td>Pole</td><td>6</td><td></td></tr><tr><td>White Spruce</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><tr><td>White Pine</td><td>5</td><td>Log</td><td>16</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Northern White Cedar	50	Log/Pole	12	89	Paper Birch	10	Log/Pole	10		Quaking Aspen	5	Log/Pole	10		Balsam Fir	10	Pole	6		White Spruce	5	Pole	8		Black Spruce	10	Pole	8		White Pine	5	Log	16		Red Maple	5	Log/Pole	10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Northern White Cedar</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Striped Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	Tag Alder	Low	5 - 10 feet	5 - 10 feet	Striped Maple	Medium	10 - 20 feet	10 - 20 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Northern White Cedar	50	Log/Pole	12	89																																																																	
Paper Birch	10	Log/Pole	10																																																																		
Quaking Aspen	5	Log/Pole	10																																																																		
Balsam Fir	10	Pole	6																																																																		
White Spruce	5	Pole	8																																																																		
Black Spruce	10	Pole	8																																																																		
White Pine	5	Log	16																																																																		
Red Maple	5	Log/Pole	10																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet																																																																		
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																																		
Tag Alder	Low	5 - 10 feet	5 - 10 feet																																																																		
Striped Maple	Medium	10 - 20 feet	10 - 20 feet																																																																		
30	4140 - Other Upland Deciduous	Sapling Medium	123.0	20	1-50	N/A	Keystone Bay Wildfire 8/2006. Lots of blow down - burnt timber, mostly cedar. Should be a nice paper birch stand. Looks much better from the ground than it does from the air photos. LAKE SUPERIOR SHORE. Probably never cut. High potential for rare and endangered plant species. Strip along the lake, ERA basalt bedrock lakeshore G3 S2 EO rank B. There is a mountain bike trail through the stand.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Paper Birch</td><td>70</td><td>Sapling</td><td>2</td><td>20</td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Sapling</td><td>2</td><td></td></tr><tr><td>Northern White Cedar</td><td>5</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Black Spruce</td><td>5</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Balsam Poplar</td><td>3</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><tr><td>White Pine</td><td>2</td><td>Sapling</td><td>2</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Paper Birch	70	Sapling	2	20	Quaking Aspen	10	Sapling	2		Northern White Cedar	5	Sapling	1		Black Spruce	5	Sapling	1		Balsam Poplar	3	Sapling	2		Red Maple	5	Sapling	2		White Pine	2	Sapling	2																												
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Paper Birch	70	Sapling	2	20																																																																	
Quaking Aspen	10	Sapling	2																																																																		
Northern White Cedar	5	Sapling	1																																																																		
Black Spruce	5	Sapling	1																																																																		
Balsam Poplar	3	Sapling	2																																																																		
Red Maple	5	Sapling	2																																																																		
White Pine	2	Sapling	2																																																																		
31	6225 - Bog	None	7.8			No																																																															



MICHIGAN

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																										
32	4319 - Mixed Upland Forest	Sawtimber Well	141.0	109	81-110	N/A	Over story white pine with aspen / birch mixed in. Two aged from wind throw off of the lake. Very this cedar along the lake. There are several well use dispersed campsite along the shoreline.																																																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>50</td><td>XLog/Log</td><td>20</td><td>109</td></tr><tr><td>Paper Birch</td><td>20</td><td>Log/Pole</td><td>10</td><td>50</td></tr><tr><td>Red Maple</td><td>15</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Log</td><td>16</td><td></td></tr><tr><td>Red Oak</td><td>5</td><td>Log</td><td>16</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	50	XLog/Log	20	109	Paper Birch	20	Log/Pole	10	50	Red Maple	15	Log/Pole	10		Quaking Aspen	10	Log	16		Red Oak	5	Log	16		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Northern White Cedar</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Mountain Maple</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	Low	Variable	Variable	Red Maple	Medium	Variable	Variable	Balsam Fir	Medium	Variable	Variable	Mountain Maple	High	5 - 10 feet	5 - 10 feet																									
Canopy Species	% Cover	Size Class	DBH	Age																																																																													
White Pine	50	XLog/Log	20	109																																																																													
Paper Birch	20	Log/Pole	10	50																																																																													
Red Maple	15	Log/Pole	10																																																																														
Quaking Aspen	10	Log	16																																																																														
Red Oak	5	Log	16																																																																														
Sub-Canopy Species	Density	Avg. Height	Size																																																																														
Northern White Cedar	Low	Variable	Variable																																																																														
Red Maple	Medium	Variable	Variable																																																																														
Balsam Fir	Medium	Variable	Variable																																																																														
Mountain Maple	High	5 - 10 feet	5 - 10 feet																																																																														
34	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	221.0	135	81-110	N/A	Wet. Forest management is not desirable.																																																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>5</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Yellow Birch</td><td>5</td><td>Log</td><td>16</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Balsam Fir</td><td>20</td><td>Pole</td><td>8</td><td></td></tr><tr><td>White Spruce</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><tr><td>Northern White Cedar</td><td>25</td><td>Log/Pole</td><td>10</td><td>135</td></tr><tr><td>White Pine</td><td>10</td><td>XLog/Log</td><td>20</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	5	Pole	8		Red Maple	5	Log/Pole	10		Yellow Birch	5	Log	16		Paper Birch	5	Pole	8		Quaking Aspen	10	Pole	8		Balsam Fir	20	Pole	8		White Spruce	5	Pole	8		Black Spruce	10	Pole	8		Northern White Cedar	25	Log/Pole	10	135	White Pine	10	XLog/Log	20		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Northern White Cedar</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Striped Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	10 - 20 feet	10 - 20 feet	Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet	Striped Maple	Medium	10 - 20 feet	10 - 20 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																																													
Sugar Maple	5	Pole	8																																																																														
Red Maple	5	Log/Pole	10																																																																														
Yellow Birch	5	Log	16																																																																														
Paper Birch	5	Pole	8																																																																														
Quaking Aspen	10	Pole	8																																																																														
Balsam Fir	20	Pole	8																																																																														
White Spruce	5	Pole	8																																																																														
Black Spruce	10	Pole	8																																																																														
Northern White Cedar	25	Log/Pole	10	135																																																																													
White Pine	10	XLog/Log	20																																																																														
Sub-Canopy Species	Density	Avg. Height	Size																																																																														
Balsam Fir	High	10 - 20 feet	10 - 20 feet																																																																														
Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet																																																																														
Striped Maple	Medium	10 - 20 feet	10 - 20 feet																																																																														
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																																																														
35	500 - Water	None	21.4			No	Pond																																																																										
36	622 - Lowland Shrub	None	14.4			No																																																																											
37	500 - Water	None	4.5			No																																																																											
38	4112 - Maple, Beech, Cherry Association	Sawtimber Well	98.6	109	81-110	N/A	Harvested by Nettell Logging in 2024 as part of Keweenaw Hardwoods, 11-020-17.																																																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>68</td><td>Log</td><td>14</td><td>109</td></tr><tr><td>Red Maple</td><td>15</td><td>Log</td><td>14</td><td>56</td></tr><tr><td>Yellow Birch</td><td>10</td><td>Log</td><td>15</td><td></td></tr><tr><td>Northern White Cedar</td><td>5</td><td>Log</td><td>14</td><td></td></tr><tr><td>White Spruce</td><td>2</td><td>Log</td><td>14</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	68	Log	14	109	Red Maple	15	Log	14	56	Yellow Birch	10	Log	15		Northern White Cedar	5	Log	14		White Spruce	2	Log	14		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Spruce</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Sugar Maple</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	White Spruce	Low	10 - 20 feet	10 - 20 feet	Sugar Maple	High	10 - 20 feet	10 - 20 feet	Red Maple	Low	10 - 20 feet	10 - 20 feet	Balsam Fir	Low	10 - 20 feet	10 - 20 feet																									
Canopy Species	% Cover	Size Class	DBH	Age																																																																													
Sugar Maple	68	Log	14	109																																																																													
Red Maple	15	Log	14	56																																																																													
Yellow Birch	10	Log	15																																																																														
Northern White Cedar	5	Log	14																																																																														
White Spruce	2	Log	14																																																																														
Sub-Canopy Species	Density	Avg. Height	Size																																																																														
White Spruce	Low	10 - 20 feet	10 - 20 feet																																																																														
Sugar Maple	High	10 - 20 feet	10 - 20 feet																																																																														
Red Maple	Low	10 - 20 feet	10 - 20 feet																																																																														
Balsam Fir	Low	10 - 20 feet	10 - 20 feet																																																																														
39	500 - Water	None	2.0			No	Pond																																																																										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
40	42390 - Mixed Non-Pine Upland Conifers	Poletimber Well	161.6	189	51-80	N/A	Lake Superior shore. Bedrock beach, cobble beach. Lots of blowdown. Strip along lake. ERA basalt bedrock lakeshore G3 S2 EO rank B. There is a mountain bike trail located along the shoreline in the stand.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern White Cedar</td><td>42</td><td>Log/Pole</td><td>10</td><td>189</td></tr><tr><td>White Pine</td><td>15</td><td>XLog/Log</td><td>18</td><td></td></tr><tr><td>Balsam Fir</td><td>5</td><td>Pole</td><td>8</td><td></td></tr><tr><td>White Spruce</td><td>5</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>15</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Paper Birch</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Red Pine</td><td>3</td><td>Log/Pole</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	42	Log/Pole	10	189	White Pine	15	XLog/Log	18		Balsam Fir	5	Pole	8		White Spruce	5	Pole	8		Black Spruce	15	Pole	8		Red Maple	5	Pole	8		Paper Birch	10	Log/Pole	10		Red Pine	3	Log/Pole	10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Striped Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Northern White Cedar</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Striped Maple	Low	10 - 20 feet	10 - 20 feet	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet	Red Maple	Low	10 - 20 feet	10 - 20 feet		
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Northern White Cedar	42	Log/Pole	10	189																																																																		
White Pine	15	XLog/Log	18																																																																			
Balsam Fir	5	Pole	8																																																																			
White Spruce	5	Pole	8																																																																			
Black Spruce	15	Pole	8																																																																			
Red Maple	5	Pole	8																																																																			
Paper Birch	10	Log/Pole	10																																																																			
Red Pine	3	Log/Pole	10																																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																																			
Striped Maple	Low	10 - 20 feet	10 - 20 feet																																																																			
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																																			
Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet																																																																			
Red Maple	Low	10 - 20 feet	10 - 20 feet																																																																			
42	6122 - Black Spruce	Sapling Medium	313.5	89	Unspecified	N/A	Rich fen / patterned fen.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>70</td><td>Sapling/Pole</td><td>4</td><td>89</td></tr><tr><td>Northern White Cedar</td><td>30</td><td>Sapling/Pole</td><td>4</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	70	Sapling/Pole	4	89	Northern White Cedar	30	Sapling/Pole	4																																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Black Spruce	70	Sapling/Pole	4	89																																																																		
Northern White Cedar	30	Sapling/Pole	4																																																																			
43	42340 - Upland Spruce/Fir	Poletimber Well	210.7	96	51-80	N/A	OPIC - FMD: Manitou Island. Low, blowdown, a jungle. 1987 data. Observed south end - wild fire. Strip of land on north side: ERA volcanic conglomerate lakeshore G3 S2 EO rank A																																																															
44	6124 - Lowland Spruce-Fir	Poletimber Medium	82.5	158	1-50	N/A	OPIC - FMD: Manitou Island. Very wet. Strip of land along lake: ERA, volcanic conglomerate lakeshore. G3, S2 EO rank A																																																															
45	6124 - Lowland Spruce-Fir	Poletimber Well	24.9	96	51-80	N/A	OPIC - FMD: Manitou Island. Low, blowdown, a jungle. 1987 data. Strip of land along lake: ERA, volcanic conglomerate lakeshore G3 S2 EO rank A																																																															
46	500 - Water	None	0.9			No	Manitou Lake																																																															
47	429 - Mixed Upland Conifers	Poletimber Well	33.3	125	51-80	N/A	Lake Superior Shore. Probably never cut. Strip along the lake, ERA basalt bedrock lakeshore G3 S2 EO rank B. There is a mountain bike trail along the shoreline in the stand. Difficult access. Forest Management is not desirable.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Paper Birch</td><td>15</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Balsam Fir</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>White Spruce</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Black Spruce</td><td>15</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Northern White Cedar</td><td>20</td><td>Log</td><td>16</td><td>125</td></tr><tr><td>White Pine</td><td>15</td><td>Log</td><td>16</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	15	Log/Pole	10		Quaking Aspen	10	Log/Pole	10		Red Maple	5	Log/Pole	10		Balsam Fir	10	Log/Pole	10		White Spruce	10	Log/Pole	10		Black Spruce	15	Log/Pole	10		Northern White Cedar	20	Log	16	125	White Pine	15	Log	16		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Northern White Cedar</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Striped Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet	Striped Maple	Medium	10 - 20 feet	10 - 20 feet						
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Paper Birch	15	Log/Pole	10																																																																			
Quaking Aspen	10	Log/Pole	10																																																																			
Red Maple	5	Log/Pole	10																																																																			
Balsam Fir	10	Log/Pole	10																																																																			
White Spruce	10	Log/Pole	10																																																																			
Black Spruce	15	Log/Pole	10																																																																			
Northern White Cedar	20	Log	16	125																																																																		
White Pine	15	Log	16																																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																																			
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																																			
Northern White Cedar	Medium	10 - 20 feet	10 - 20 feet																																																																			
Striped Maple	Medium	10 - 20 feet	10 - 20 feet																																																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																								
48	4319 - Mixed Upland Forest	Poletimber Well	76.0	68	81-110	N/A	Longyear acquisition. Clearcut in late 1950's. Forest management is not desirable due to location and access.																																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Paper Birch</td><td>30</td><td>Pole</td><td>7</td><td>68</td><td>Striped Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Quaking Aspen</td><td>25</td><td>Pole</td><td>7</td><td>68</td><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Black Spruce</td><td>15</td><td>Pole</td><td>7</td><td></td><td>White Spruce</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>15</td><td>Pole</td><td>7</td><td></td><td>Northern White Cedar</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Pine</td><td>5</td><td>Log</td><td>16</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Northern White Cedar</td><td>5</td><td>Log/Pole</td><td>10</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>White Spruce</td><td>5</td><td>Pole</td><td>7</td><td></td><td></td><td></td><td></td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Paper Birch	30	Pole	7	68	Striped Maple	Medium	10 - 20 feet	10 - 20 feet	Quaking Aspen	25	Pole	7	68	Red Maple	Low	10 - 20 feet	10 - 20 feet	Black Spruce	15	Pole	7		White Spruce	Medium	10 - 20 feet	10 - 20 feet	Balsam Fir	15	Pole	7		Northern White Cedar	Low	10 - 20 feet	10 - 20 feet	White Pine	5	Log	16						Northern White Cedar	5	Log/Pole	10						White Spruce	5	Pole	7					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																																							
Paper Birch	30	Pole	7	68	Striped Maple	Medium	10 - 20 feet	10 - 20 feet																																																																							
Quaking Aspen	25	Pole	7	68	Red Maple	Low	10 - 20 feet	10 - 20 feet																																																																							
Black Spruce	15	Pole	7		White Spruce	Medium	10 - 20 feet	10 - 20 feet																																																																							
Balsam Fir	15	Pole	7		Northern White Cedar	Low	10 - 20 feet	10 - 20 feet																																																																							
White Pine	5	Log	16																																																																												
Northern White Cedar	5	Log/Pole	10																																																																												
White Spruce	5	Pole	7																																																																												
401	720 - Exposed Rock	None	2.9			No	High Rock Bay. Open area at end of road. Sparse grass. Several dispersed camping sites that are intensely used during the summer. This is a very popular tourist site. There is a pit toilet, trash can and Kiosk that is maintained through an MOU with KORC. There is a mountain bike trail head located at the west end of the stand.																																																																								