



# Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11075

Entry Year 2028

Acreage: 3,122

County: Keweenaw

Management Area: Keweenaw

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**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:**

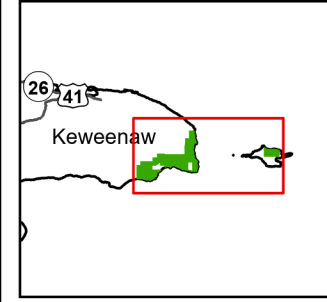
**The following reports from the Inventory are attached:**

- 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**

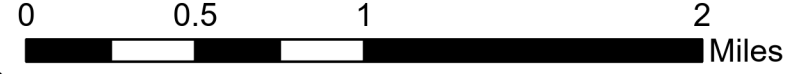
**The following information is displayed, where pertinent, on the attached compartment maps:**

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

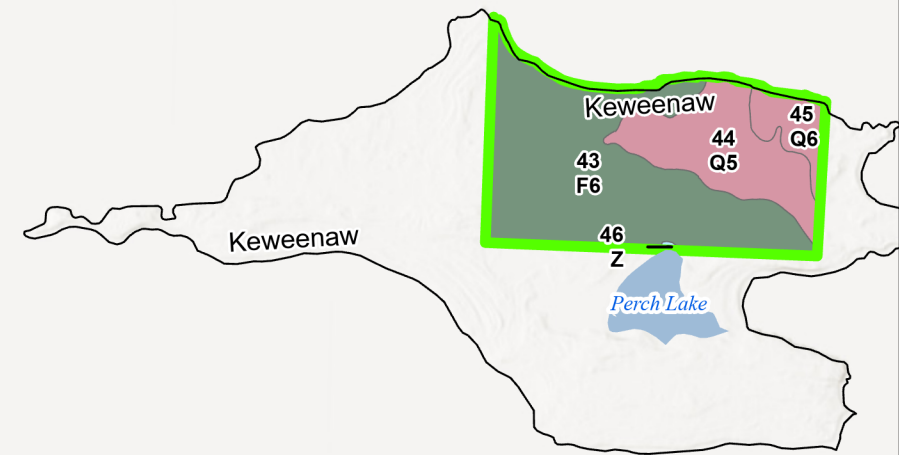
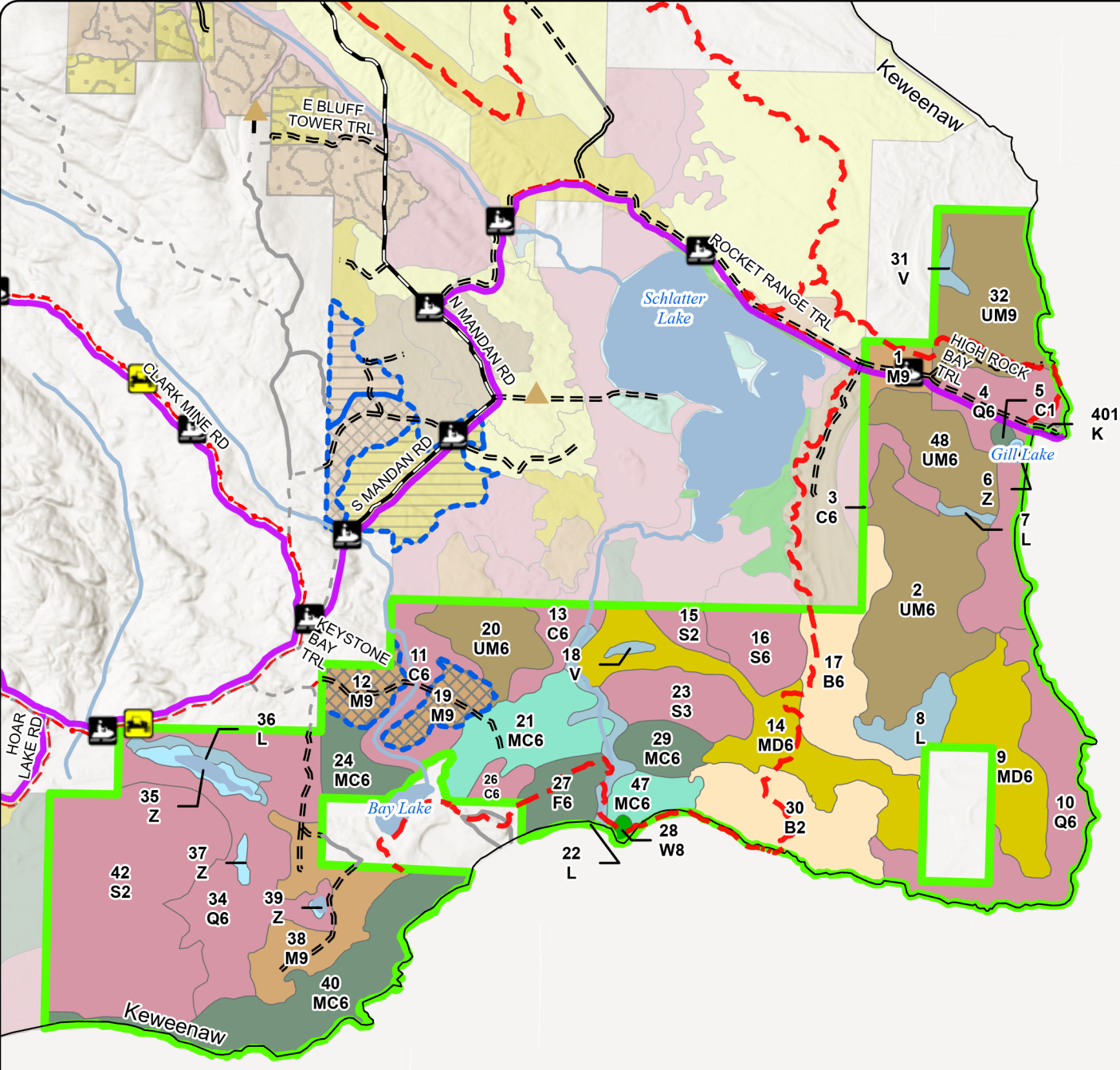
**Cover Type & Treatments Map**



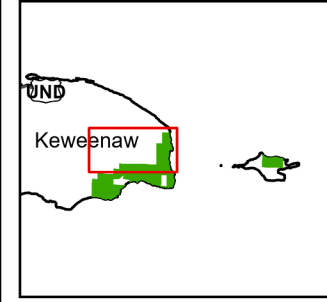
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 Unit: Baraga  
 Mgmt. Area: Keweenaw  
 YOE: 2028  
 Acres: 3,122 GIS Calculated  
 Examiner: Brad Carlson  
 Date Exported: 04/24/2026  
 Map Phase: Web Post



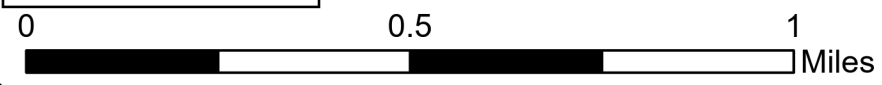
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|-----------------------------|---------------------------------------|---------------------------------|---------------------------------|
| Berm                        | Federal / State / County - Paved Road | Compartment Boundary            | 423 - Other Upland Conifers     |
| Designated Bicycle Trails   | County - Gravel Road                  | Treatments with Site Conditions | 429 - Mixed Upland Conifers     |
| Designated ORV Routes       | County - Dirt Road (Seasonal)         | Selection                       | 430 - Upland Mixed Forest       |
| Designated Snowmobile       | Private - Paved Road                  | 411 - Northern Hardwood         | 500 - Water                     |
| DNR - Primary Forest Road   | Private - Dirt / Gravel Road          | 414 - Other Upland Deciduous    | 612 - Lowland Coniferous Forest |
| DNR - Secondary Forest Road | Streams                               | 419 - Mixed Upland Deciduous    | 622 - Lowland Shrub             |
| DNR - Forest Access Route   | Lakes and Rivers                      | 422 - Natural Pines             | 720 - Exposed Rock              |



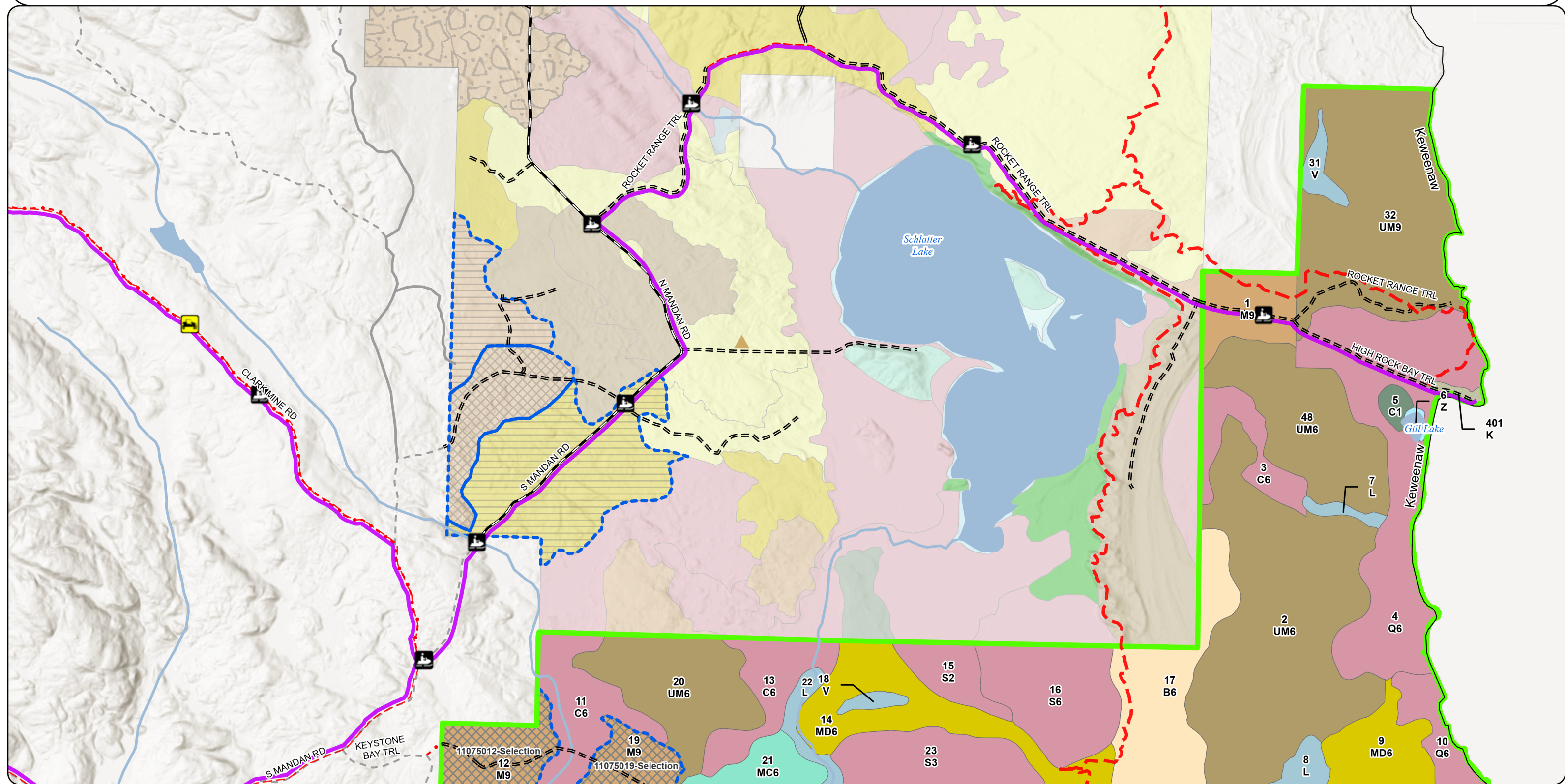
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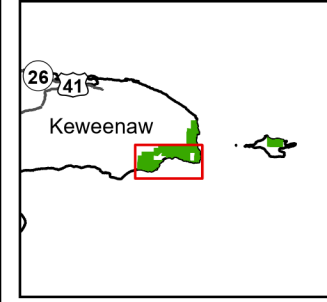
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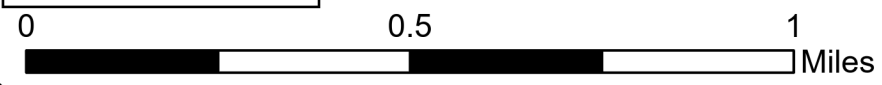
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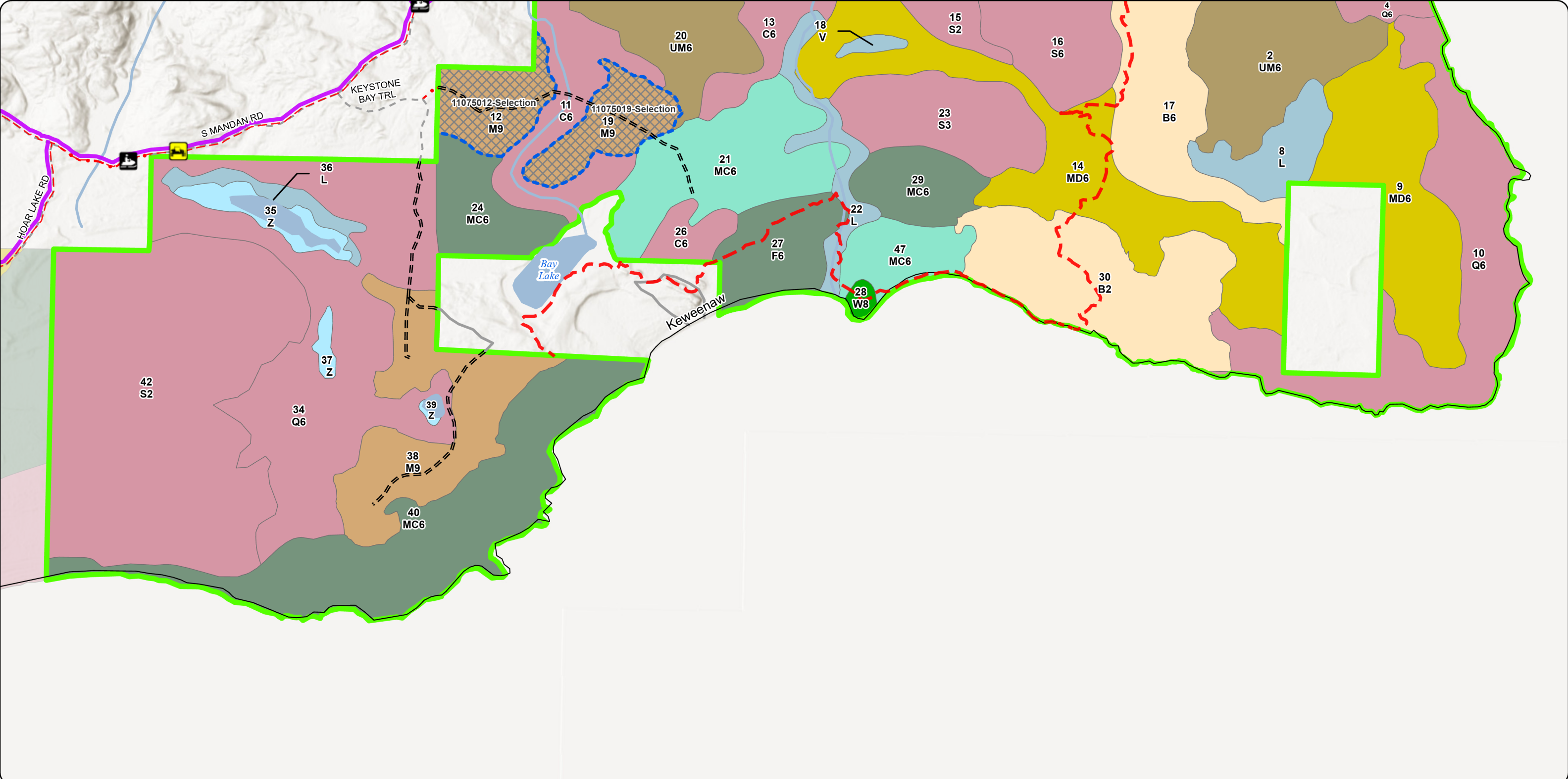
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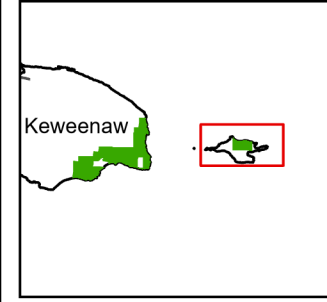
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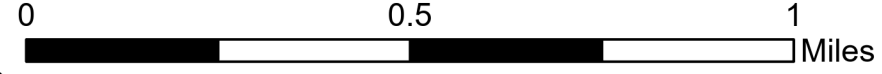
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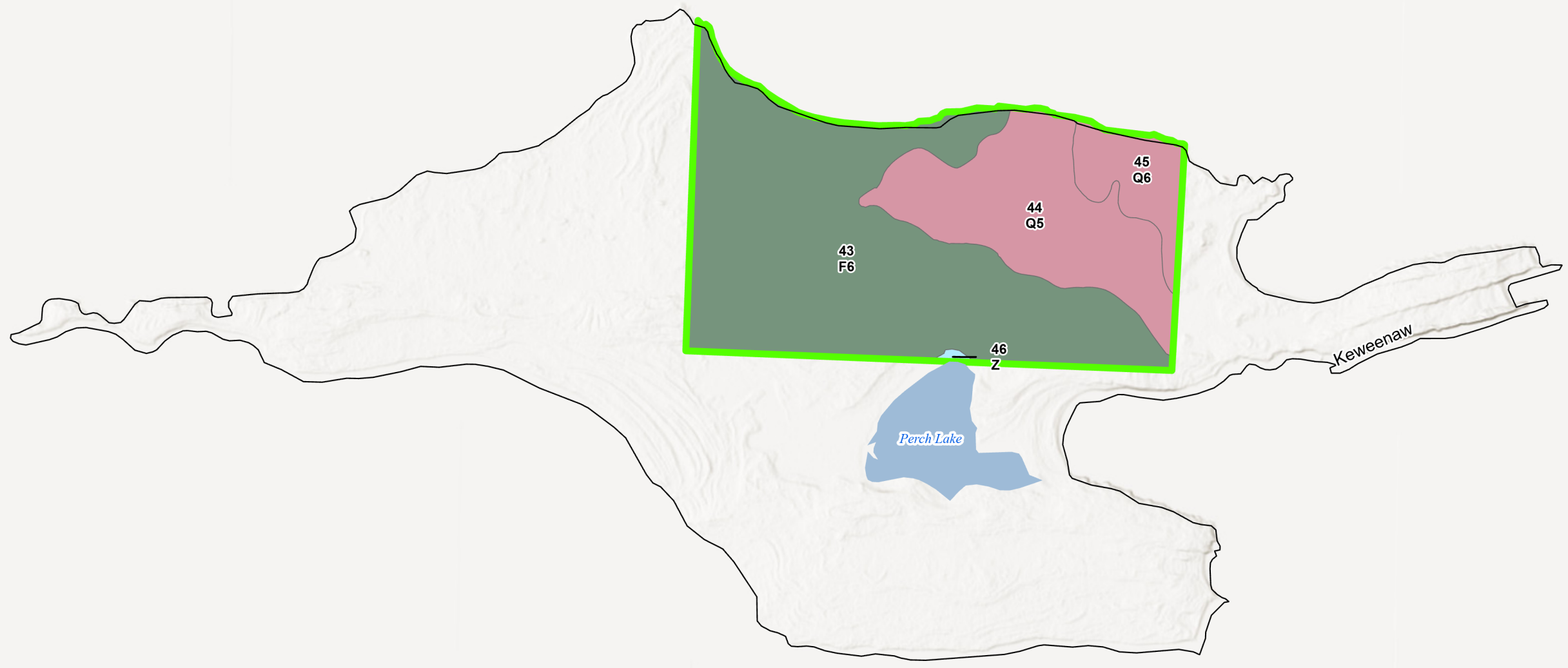
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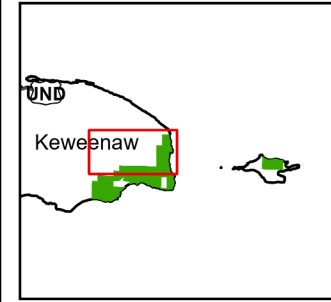
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# Stand Boundary Map

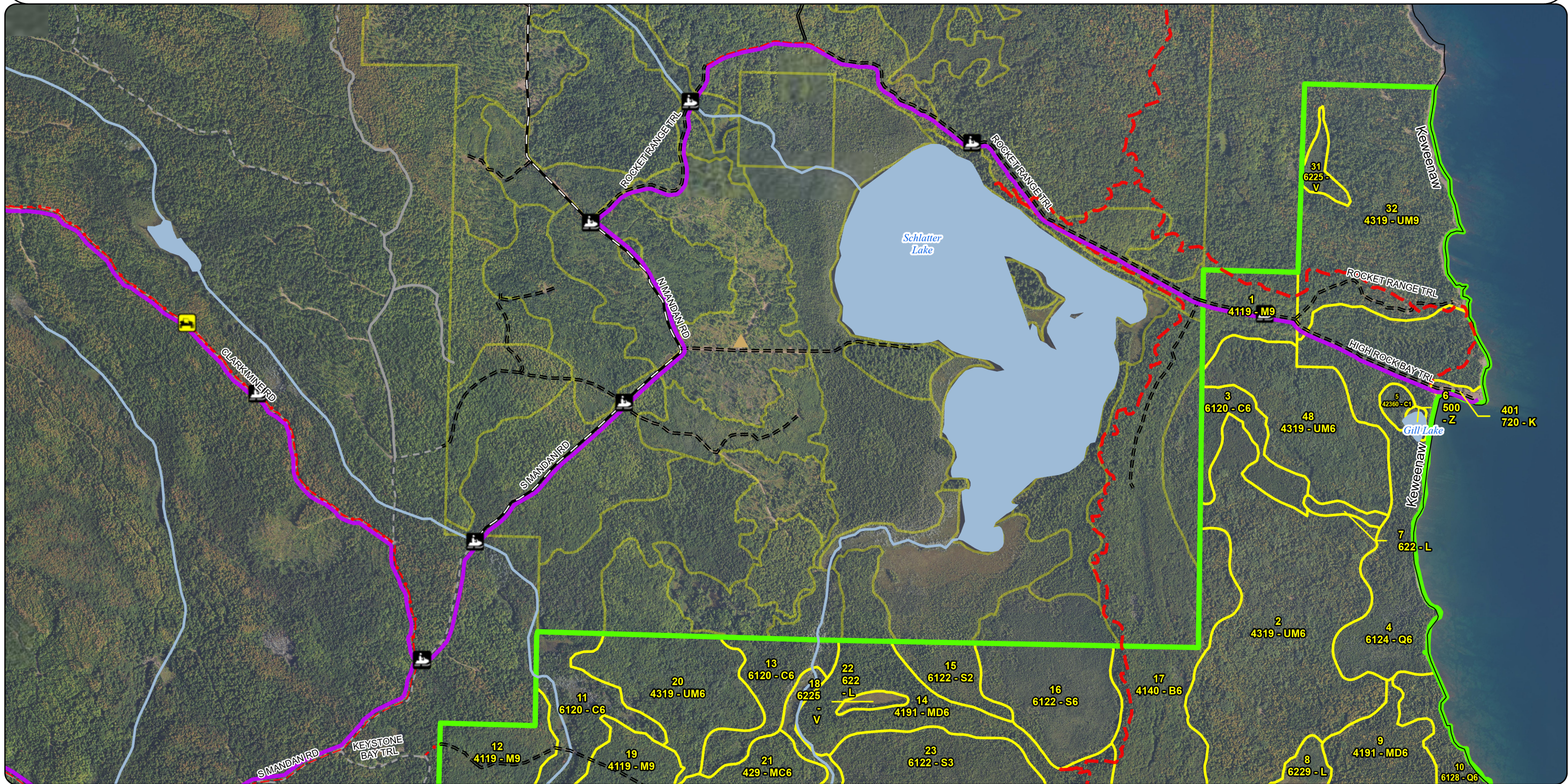
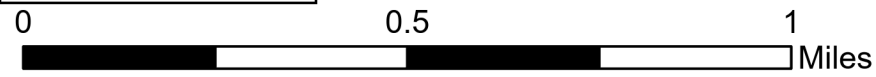


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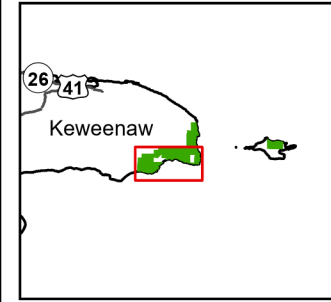
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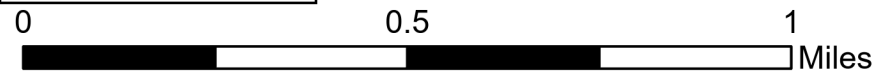
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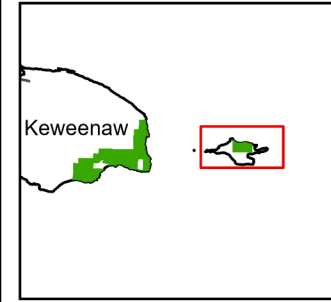
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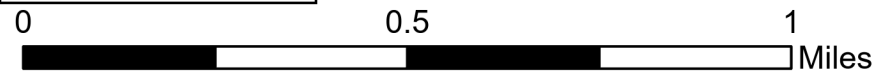
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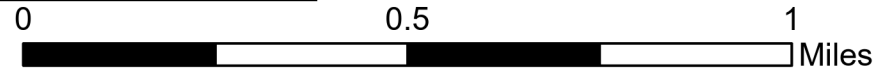
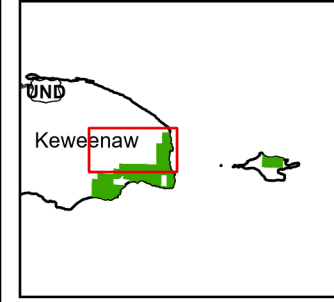


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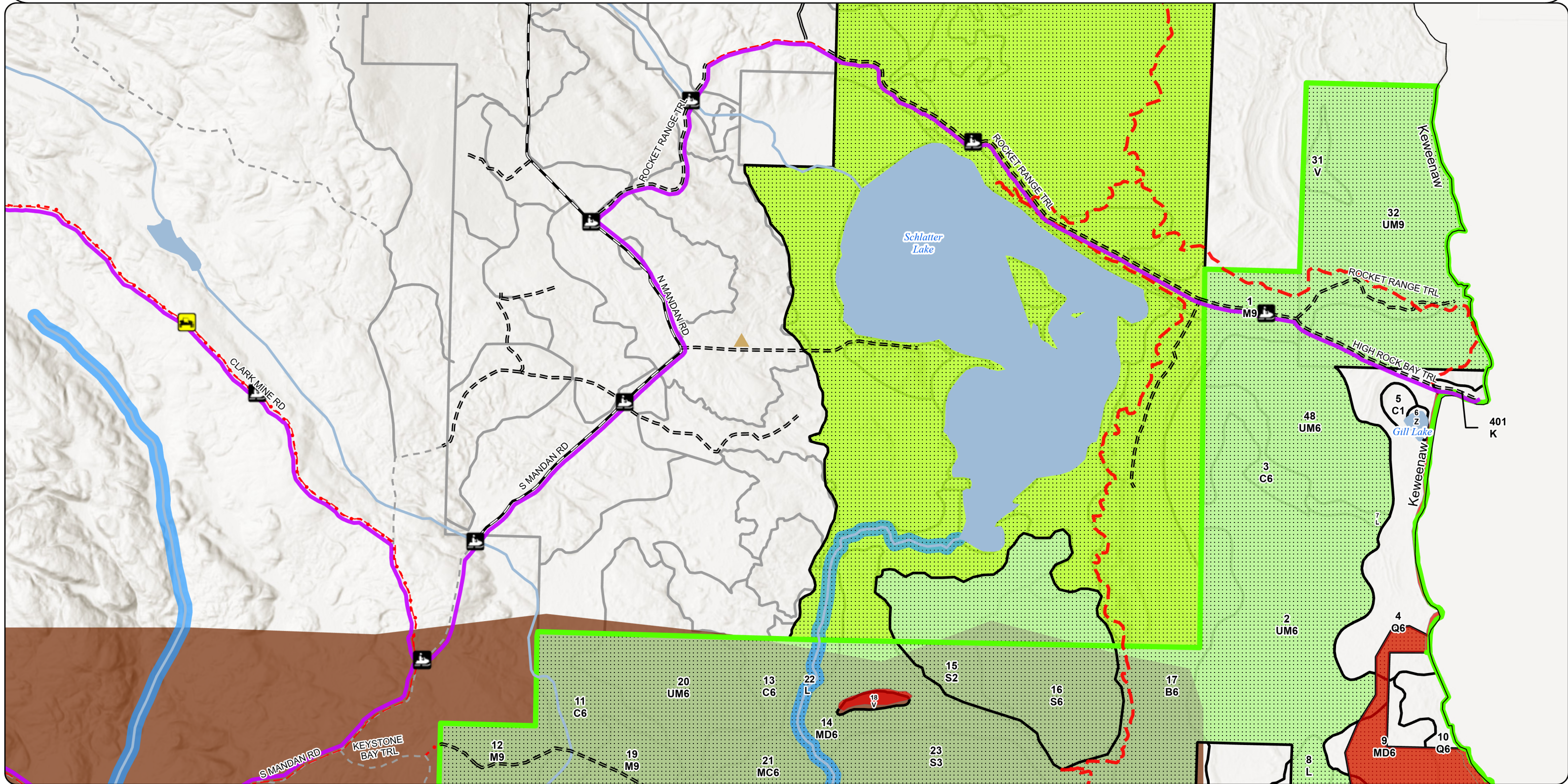


**Special Conservation Areas  
& Site Conditions Map**

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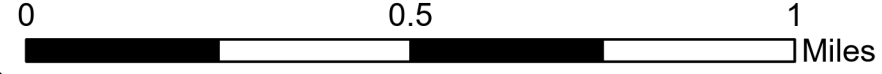
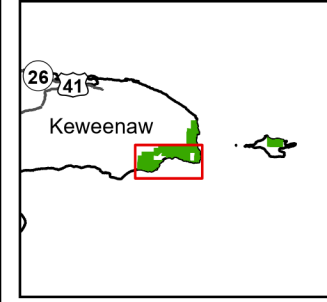


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- Streams
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- High Conservation Value Areas
- Ecological Reference Areas
- SCA
- Cold Water Streams
- High Priority Trout Stream Buffer
- Type 1 and Type 2 Old Growth
- Deer Winter Range
- Possible Type 2 Old Growth

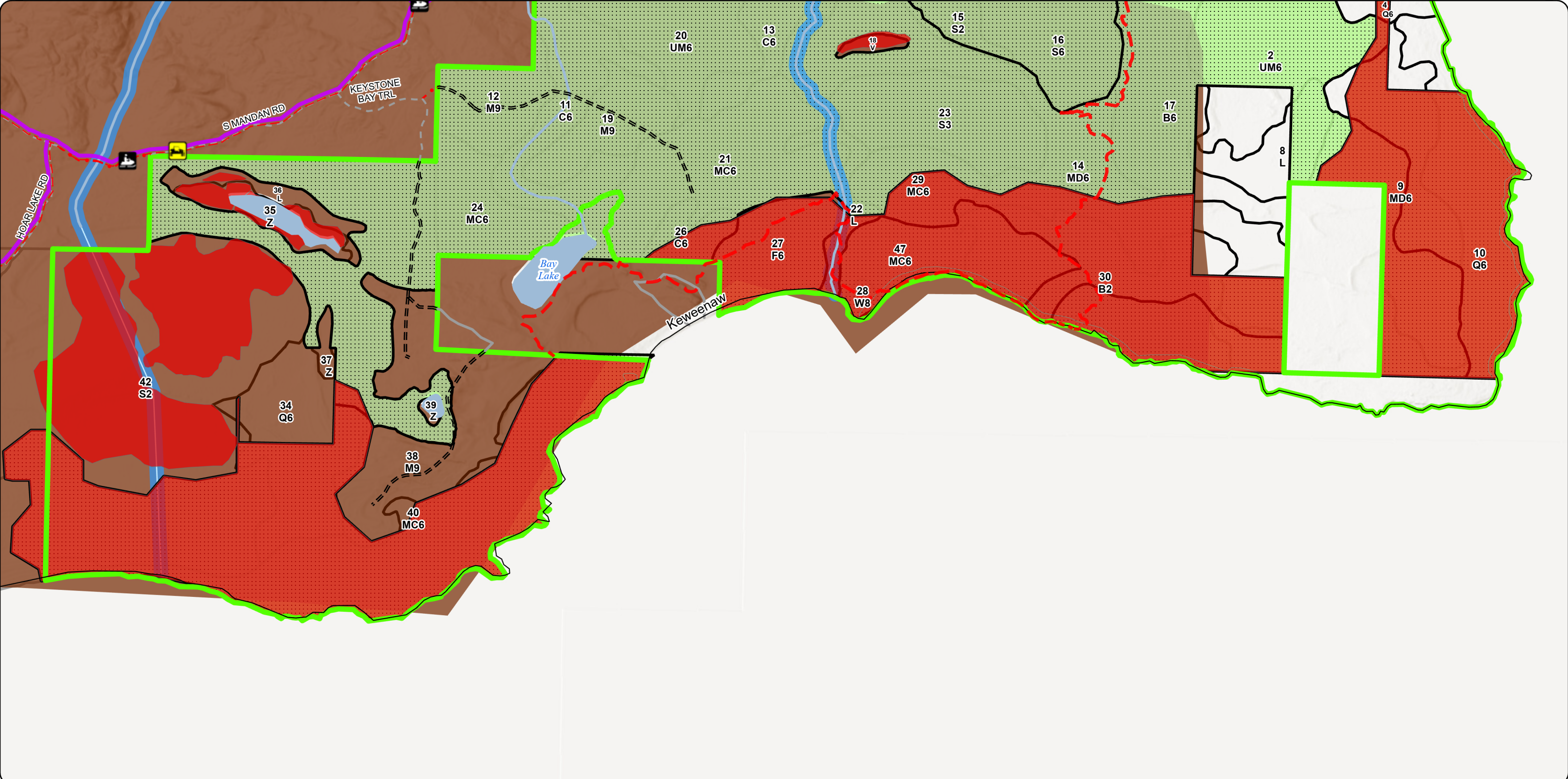


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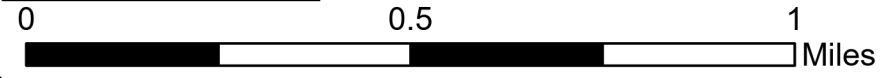
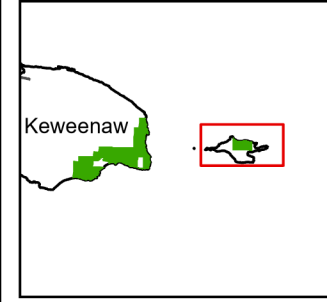


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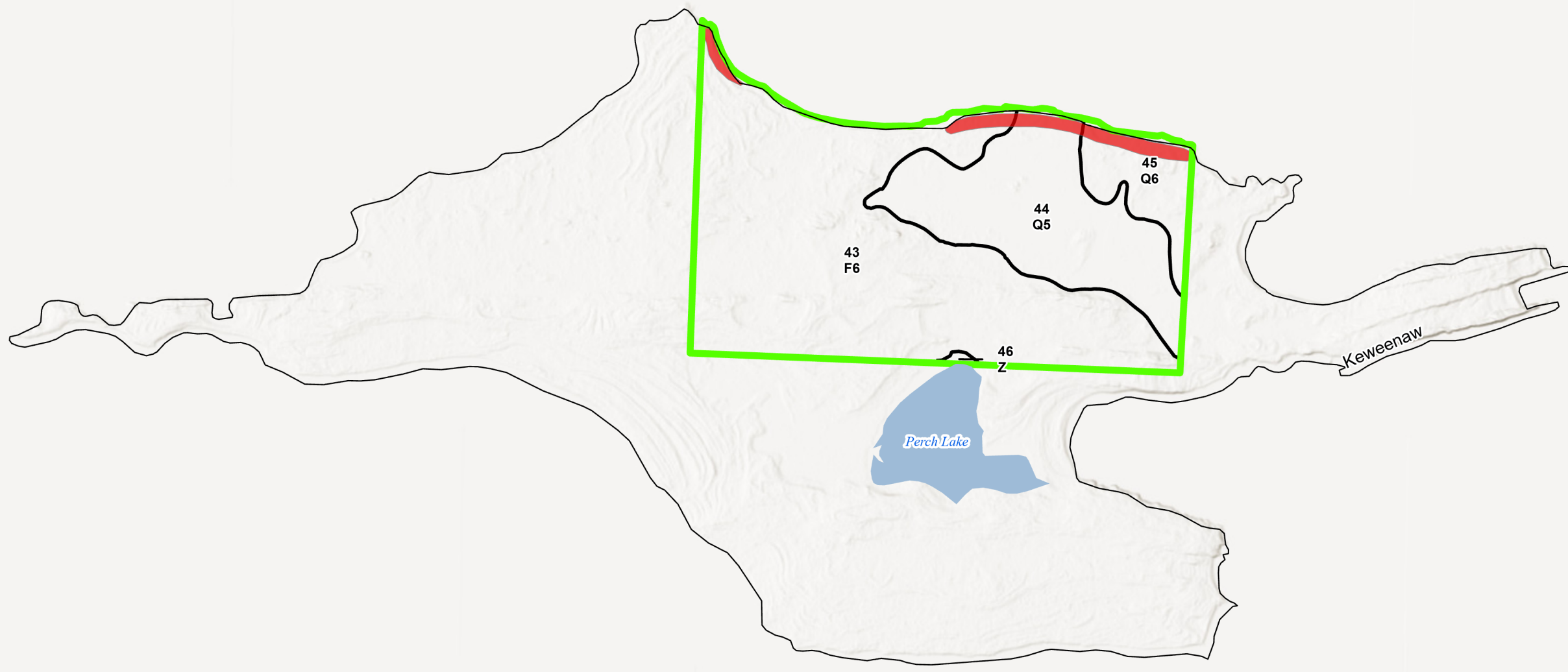


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Report 1 – Total Acres by Cover Type and Age Class



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	0	0	0	0	0	0	204	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
<b>Total</b>	<b>125</b>	<b>0</b>	<b>0</b>	<b>123</b>	<b>0</b>	<b>0</b>	<b>158</b>	<b>576</b>	<b>154</b>	<b>477</b>	<b>236</b>	<b>412</b>	<b>17</b>	<b>79</b>	<b>221</b>	<b>94</b>	<b>249</b>	<b>204</b>	<b>3124</b>



## 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

		Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Northern Hardwood		0	75	0	0	0	0	0	0	0	75
	<b>Total</b>	<b>0</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75</b>

### Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		75	0	0	0	0	0	0	0	0	75
Next Step		0	0	0	0	0	75	0	0	0	75
	<b>Total</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150</b>



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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**Proposed Treatments:**

<b>12</b>	<b>11075012- Selection</b>	38.0	4119 - Mixed Northern Hardwoods	9	109	141- 170	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><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 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</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</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 NLEB harvest restrictions.</p> <p><u>Site Condition:</u> Other Dept./Div. Processes</p> <p><u>Proposed Start Date:</u> 10/01/2027</p>											
<b>19</b>	<b>11075019- Selection</b>	37.1	4119 - Mixed Northern Hardwoods	9	109	141- 170	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><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 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</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</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 NLEB harvest restrictions.</p> <p><u>Site Condition:</u> Other Dept./Div. Processes</p> <p><u>Proposed Start Date:</u> 10/01/2027</p>											

**Total Treatment Acreage Proposed: 75.1**

# Report 4 – Site Conditions

Baraga Mgt. Unit  
Brad Carlson : Examiner

Compartment: 75  
Year of Entry: 2028



### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions				
		With Condition	Not Available		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 Cond 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
<b>Comments:</b> Potential type 2 old growth							
3	Unavailable	3K: Rare or unique landforms	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> ERA: Keweenaw Point Bog G3G5, S4							



4	Unavailable	3K: Rare or unique landforms	321	3B: Threatened, endangered, and special concern species	3G: Other influence zones - See comments	Unspecified	Unspecified
<b>Comments:</b> ERA Boreal Forest GU-S3							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> 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
<b>Comments:</b> 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
<b>Comments:</b> 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
<b>Comments:</b> ERAs: Northern Fen G3S3, Patterned Fen GUS2, Boreal Forest GUS3,							
13	Unavailable	3K: Rare or unique landforms	36	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> ERAs: Northern Fen G3S3, Emergent Marsh GUS4, Submergent Marsh GUS4							

## Report 4 – Site Conditions

Baraga Mgt. Unit  
Brad Carlson : Examiner

Compartment: 75  
Year of Entry: 2028



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



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



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.																																																														
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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.																																																														
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3	6120 - Lowland Cedar	Poletimber Well	24.9	143	81-110	N/A	Cedar stand with a drainage running through it.																																																														
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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.																																																														
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<b>5</b>	42360 - Upland Cedar	Sapling Poor	4.8	109	Unspecified	N/A	Treed bog.																																																																																	
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<b>6</b>	500 - Water	None	2.2			No	Gill Lake. Within the shore influence zone.																																																																																	
<b>7</b>	622 - Lowland Shrub	None	4.3			No																																																																																		
<b>8</b>	6229 - Mixed Lowland Shrub	None	33.5			No	Large beaver flooding.																																																																																	
<b>9</b>	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	112.6	68	111-140	N/A	Was not able to reach due to difficult terrain. Age estimated from adjacent stands.																																																																																	
<b>10</b>	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	141.8	102	171-200	N/A	OPIC - FMD: Lake Superior shore zone. Upland soil, mix of spruce fir and cedar. Data from stand 004. Probably cut in late 1950's except near the lake. May have threatened or endangered plant species. 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.																																																																																	
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<b>11</b>	6120 - Lowland Cedar	Poletimber Well	69.4	143	81-110	N/A	Recommended for 'minimum impact' zone by Keweenaw Point Advisory Committee. The forest road that accesses mouth of Union Creek is in the stand.																																																																																	
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14	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	153.5	70	111-140	N/A	Logged in the 1950's. There are old skid or haul roads in the stand that are grown into balsam. There is a mountain bike trail through the stand. Forest management is not desirable due to location and access.																																																
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15	6122 - Black Spruce	Sapling Medium	19.8	66	Unspecified	N/A	Poor conifer swamp / muskeg / poor fen. Large undisturbed wetland complex. Currently federally recognized ERA as a poor conifer swamp.																																																
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<b>17</b>	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.																																																															
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<b>20</b>	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.																																																															
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22	622 - Lowland Shrub	None	26.4			No	Wetland along Union Creek.																																																															
23	6122 - Black Spruce	Sapling Well	69.2	89	Unspecified	N/A																																																																
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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.																																																															
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26	6120 - Lowland Cedar	Poletimber Well	17.0	113	81-110	N/A																																																																
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<b>27</b>	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.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Balsam Fir		50	Pole	8	125	Red Maple		
White Spruce		5	Pole	8		Balsam Fir		
Black Spruce		15	Pole	8		Northern White Cedar		
Northern White Cedar		10	Log/Pole	10		Density		
White Pine		5	Log	16		Avg. Height		
Paper Birch		10	Log/Pole	10		Size		
Red Maple		5	Log/Pole	10		10 - 20 feet		
						10 - 20 feet		
<b>28</b>	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.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
White Pine		80	XLog/Log	22	189	Striped Maple		
Balsam Fir		10	Pole	8		Balsam Fir		
Red Maple		10	Log/Pole	10		Density		
						Avg. Height		
						Size		
						10 - 20 feet		
						10 - 20 feet		
<b>29</b>	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.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Northern White Cedar		50	Log/Pole	12	89	Balsam Fir		
Paper Birch		10	Log/Pole	10		Striped Maple		
Quaking Aspen		5	Log/Pole	10		Northern White Cedar		
Balsam Fir		10	Pole	6		Tag Alder		
White Spruce		5	Pole	8		Density		
Black Spruce		10	Pole	8		Avg. Height		
White Pine		5	Log	16		Size		
Red Maple		5	Log/Pole	10		5 - 10 feet		
						5 - 10 feet		
<b>30</b>	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.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
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				
<b>31</b>	6225 - Bog	None	7.8			No		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																							
<b>32</b>	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 campsites along the shoreline.																																																																							
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<b>34</b>	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	221.0	135	81-110	N/A	Wet. Forest management is not desirable.																																																																							
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<b>35</b>	500 - Water	None	21.4			No	Pond																																																																							
<b>36</b>	622 - Lowland Shrub	None	14.4			No																																																																								
<b>37</b>	500 - Water	None	4.5			No																																																																								
<b>38</b>	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.																																																																							
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<b>39</b>	500 - Water	None	2.0			No	Pond																																																																							



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<b>40</b>	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.																																																													
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<b>42</b>	6122 - Black Spruce	Sapling Medium	313.5	89	Unspecified	N/A	Rich fen / patterned fen.																																																													
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<b>43</b>	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																																																													
<b>44</b>	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																																																													
<b>45</b>	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																																																													
<b>46</b>	500 - Water	None	0.9			No	Manitou Lake																																																													
<b>47</b>	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.																																																													
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<b>48</b>	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.																																																											
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<b>401</b>	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.																																																											