



Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42009

Entry Year 2024

Acreage: 2,436

County Luce

Management Area: Two Hearted Headwaters

Stand Examiner: Lester Livermore

Legal Description:

T49N R12W Sections 33-35. T48N R12W. Sections 1-3 & 11-12.

Identified Planning Goals:

Maintain forest productivity, and forest health through natural processes.

Soil and topography:

Topography ranges greatly throughout the compartment. Much of this area is low, however, there are series of sharp ridges running throughout the compartment.

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

This compartment consists of continuous state ownership and adjoins Nature Conservancy lands to the west and south. Little to no development and land use within the compartment due to its remoteness.

Unique Natural Features:

MNFI lists communities of Dry-Mesic Northern Forests, hardwood-conifer swamp, rich conifer swamp, dry northern forest, poor fen and muskeg within this compartment.

Archeological, Historical, and Cultural Features:

There are no archeological features listed for this compartment.

Special Management Designations or Considerations:

Much of the compartment has been identified as a Special Conservation Area. This area consists of a number of different timber and lowland cover types. MNFI identifies several element occurrence polygons and points throughout this area. Part of the SCA contains a portion of the Two Hearted Natural Rivers Corridor. Some evidence of logging is evident, but it is developing back into its original condition. The SCA covers many unique plant and forested/non-forested communities all which, if left in their current condition, will enhance the diversity of the surrounding landscape. New inholdings within the compartment should be considered for SCA designations where adjacent SCAs exist on the landscape.

Watershed and Fisheries Considerations:

The North Branch Two Hearted River, West Branch Two Hearted River, and Beavertown Lakes are located in this compartment. Per the Natural River plan for the Two-Hearted River and tributaries, a no-cut buffer of 100 feet should be implemented where appropriate. No treatments are scheduled near either the rivers or lakes, so Fisheries has no concerns at this time.

Wildlife Habitat Considerations:

Compartment 9 is situated in north western Luce county, between the north and west branches of the Two-Hearted river which serve as excellent wildlife travel corridors and is in the Seney Sand Lake Plain ecological sub-subsection. The compartment is largely comprised of mature stands of lowland and mixed conifer stands and treed bogs and much of the compartment is in the Beavertown Lakes ERA. The compartment is in the Two Hearted Headwaters Management Area where black bear, blackburnian warbler, pileated woodpecker, and american marten are designated featured species. The entire compartment has been designated as Type I or Type II old growth and SCA and no treatments are planned at this time. In addition to featured species, wildlife species potentially using this compartment include white-tailed deer, black bear, coyote, bobcat, mink and otter.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for metallic minerals in this area. No known active sand/gravel pits exist in the area. The compartment is dominated by wetlands, and potential for surface mining is limited. No current State mineral leasing activity exists in the area. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

Only access vehicle access to the compartment is from the east side of the compartment using narrow ORV/snowmobile trail off the end of county road 418.

Survey Needs:

None.

Recreational Facilities and Opportunities:

Hiking, wildlife viewing and hunting. Beavertown Lakes are located within the compartment and would provide fishing opportunities.

Fire Protection:

Portions of this compartment are part of the Two Hearted Zone Dispatch Area. Wildfire response is covered by the Seney Field Office and assistance is provided by the Newberry MU. Large fire potential is moderate because of the lowland cover types with mixed ridges of dry pine time. Being remote and lack of good access suppression activities are going to be challenging with large wheeled suppression equipment. Long response times are the norm for this compartment because of the long travel times from the Field Offices.

Additional Compartment Information:

Compartment boundary was modified to include portions of state land in section 34 that are south of the North Branch of the Two-Hearted River.

The following reports from the Inventory are attached:

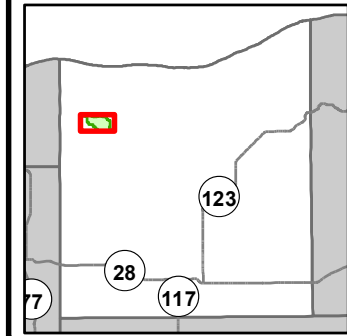
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

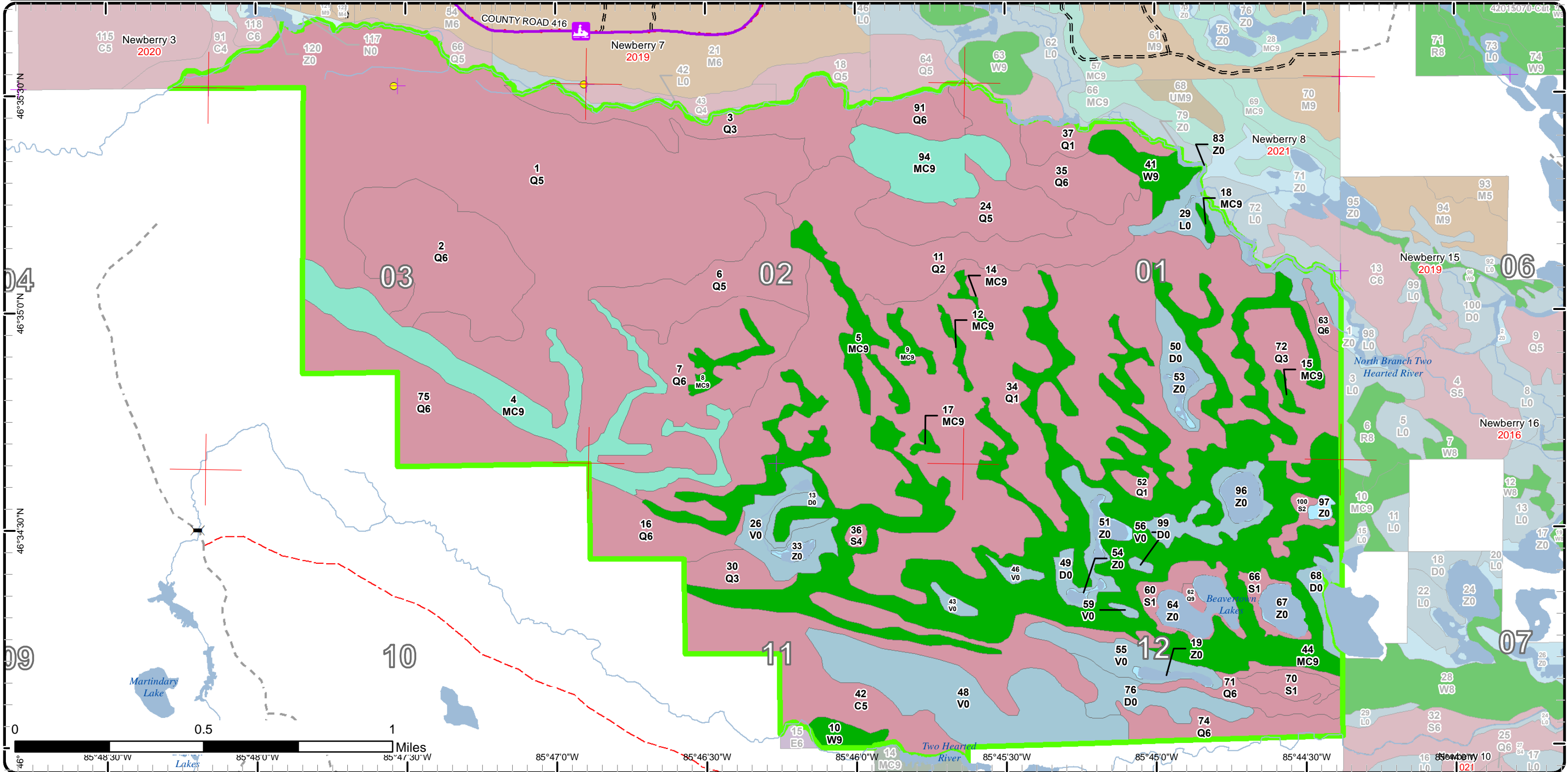
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 9
 T48N, R12W, Sec. 1-3, 11, 12
 County: Luce
 Unit: Newberry
 Mgmt Area: Two Hearted
 Headwaters
 YOE: 2024
 Acres: 2436.5 GIS Calculated
 Examiner: Lester Livermore
 Map Revised: 1/6/2023
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Bridges
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 612 - Lowland Coniferous Forest
- 500 - Water
- 622 - Lowland Shrub



Report 1 – Total Acres by Cover Type and Age Class

Newberry Mgt. Unit

Compartment 9

Year of Entry 2024

Lester Livermore : Examiner



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	119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	110	0	0	0	0	110
Lowland Conifers	0	0	0	0	0	0	0	83	419	39	272	23	663	0	0	0	0	0	1499
Lowland Shrub	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	8	5	20	0	0	0	0	0	0	0	33
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	44	0	354	0	0	0	0	398
Treed Bog	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	76	37	0	0	0	0	0	113
Water	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	23
Total	262	0	0	0	0	0	0	83	427	44	292	143	723	354	110	0	0	0	2438



Report 2 – Treatment Summary

Newberry Mgt. Unit
Year of Entry: 2024

Acres of Harvest

Compartment 9
Total Compartment Acres: 2,436

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



S
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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

Total Treatment
Acreage Proposed: 0

Report 4 – Site Conditions

Newberry Mgt. Unit
Lester Livermore : Examiner

Compartment: 9
Year of Entry: 2024

Availability for Management

Total Acres	Acres Avail		Acres	Dominant Site Conditions	Dominant Site Conditions		
	Available	With Condition			Not Available	1A	1B
119	0	0	119	Bog			119
110	0	0	110	Cedar			110
1498	8	0	1490	Lowland Conifers	4	13	1,473
21	0	0	21	Lowland Shrub			21
33	0	0	33	Lowland Spruce/Fir			33
398	0	0	398	Natural Mixed Pines			398
73	0	0	73	Treed Bog		0	73
113	0	0	113	Upland Conifers			113
49	1	0	48	Water			48
23	0	0	23	White Pine			23
2,436	10		2,427	Total Forested Acres	4	13	2,409
	0%		100%	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	888	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments: ERA: Dry-mesic Northern Forest							
2	Unavailable	3A: Conservation Values incompatible with harvest at this time	243	2B: Unknown if access through adjacent landowner(s) is possible	2I: Survey needed	2E: Road needed	Unspecified
Comments: ERA: Dry-mesic Northern Forest / Rich Conifer Swamp.							

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 9

Lester Livermore : Examiner

Year of Entry: 2024

3	Unavailable	3A: Conservation Values incompatible with harvest at this time	1,265	1A: Federal/State/Local Law	3B: Threatened, endangered, and special concern species	2G: Too wet (sensitive soils, does not include access issues)	2B: Unknown if access through adjacent landowner(s) is possible
Comments: SCA, ERA, Natural River Buffer (portion), Too Wet, Road Needed, Unknown Access, etc.							
5	Unavailable	3A: Conservation Values incompatible with harvest at this time	14	2B: Unknown if access through adjacent landowner(s) is possible	2I: Survey needed	Unspecified	Unspecified
Comments: ERA							



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
SCA 1	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth Area	SCA Removal	63
Comments				
Meets composition, disturbance and size criteria for type 1 old growth, however does not meet age and structure criteria. See stand notes for additional details.				
SCA 2	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth Area	SCA Removal	334
Comments				
Meets composition, disturbance and size criteria for type 1 old growth, however does not meet age and structure criteria. See stand notes for additional details.				
SCA 3	Habitat Area	Other Habitat Area	SCA	1530
Comments				
SCA 4	Habitat Area	Habitat Corridor	SCA Proposa	486
Comments				



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Type 1 and Type 2 Old Growth	Old-Growth forest (also termed primary forest, ancient forest, virgin forest, or primeval forest) is an area of forest that has few or no signs of human disturbance and that exhibits unique ecological features related to age, composition and associated structure. Old growth forests are of natural origin. They may be dominated by late successional forest species (i.e. sugar maple and American beech), or may be a very old example of a stand dominated by long-lived early- or mid-seral species (i.e. oak, or red pine).
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																										
1	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	440.4	113	Unspecified	N/A	The stand is a mixture of spruce, cedar and tamarack. The eastern portion of the stand opens up and has a higher component of alder. Some large supercanopy white pine are scattered throughout. Looking at the 1939, 1953 and the 1998 aerial photos, there were a number of roads that go through the north west portion of this stand, which indicates that this lowland area was logged from this stand some time ago. This stand contains a MNFI designated Rich Conifer Swamp. In addition, the northern portion of the stand falls within the Two Hearted Natural Rivers Corridor.																																																																																										
2	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	83.0	69	51-80	N/A	Mixed lowland stand that contains designated Rich Conifer Swamp.																																																																																										
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3	6129 - Mixed Coniferous Lowland Forest	Sapling Well	49.6	111	Unspecified	N/A	Mixed lowland; Low density forested with cedar, spruce and tamarack throughout; mixed lowland brush throughout. The stand is part of the Two Hearted Natural Rivers Corridor.																																																																																										
4	429 - Mixed Upland Conifers	Sawtimber Well	75.7	106	81-110	N/A	This stand has evidence of a high intensity fire. There are many large burnt stumps and standing snags present throughout the stand. Due to the absence of fire a community of mixed deciduous species has been able to develop, however they are starting to degrade. The dominate cover type is still White pine. MNFI identifies an element community of Dry-mesic Northern Forest that overlays the majority of this stand. Looking at the 1939 aerial photos a road can be seen on the north side of the pine ridge; this could lead one to believe that logging did take place in this stand at one time.																																																																																										
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5	42290 - Natural Mixed Pine	Sawtimber Well	19.2	101	81-110	N/A	Isolated pine ridge. Frequent sign of fire is evident throughout similarly established stands within the compartment.																																																																																										
6	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	49.9	114	Unspecified	N/A	Based on aerial photo interpretation and surrounding field data, stand composition appears to be, in decreasing amounts, tamarack, spruce and some cedar with mixed lowland brush throughout. Portion acquired in 2019 as part of a land trade with TNC.																																																																																										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments									
7	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	73.5	97	51-80	N/A	The stand is a mixture of spruce, cedar and tamarack. Inclusions include higher component of spruce than the surrounding areas. Some large super canopy white pine are scattered throughout. MNFI identifies an element community of Rich Conifer Swamp which overlays part of this stand. The stand is part of the Two Hearted Natural Rivers Corridor.									
								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
								Black Spruce	30	Pole	7		Red Maple	Low	Variable	Sapling
								Northern White Cedar	30	Pole	7	97	Black Spruce	Low	< 5 feet	Sapling
								Tamarack	30	Pole	7		Tag Alder	Low	Variable	Tall Shrub
White Pine	10	Pole/Log	9		Northern White Cedar	Low	Variable	Sapling								
8	42290 - Natural Mixed Pine	Sawtimber Well	7.9	101	81-110	N/A	Isolated pine ridge. Frequent sign of fire is evident throughout similarly established stands within the compartment.									
9	42290 - Natural Mixed Pine	Sawtimber Well	5.0	101	81-110	N/A	Isolated pine ridge. Frequent sign of fire is evident throughout similarly established stands within the compartment.									
10	4220 - Natural White Pine	Sawtimber Well	7.5	116	111-140	N/A	Stand is adjacent to the West branch of the Two Hearted River. White pine dominated canopy. The stand is part of the Two Hearted Natural Rivers Corridor.									
11	612 - Lowland Coniferous Forest	Sapling Medium	84.6	110	1-50	N/A	Stand composition appears to be tamarack, spruce and some cedar respectively, with mixed lowland brush throughout; Based on aerial photo interpretation and surrounding field data.									
12	42290 - Natural Mixed Pine	Sawtimber Well	3.3	101	81-110	N/A	Isolated pine ridge. Frequent sign of fire is evident throughout similarly established stands within the compartment.									
13	6224 - Treed Bog	Nonstocked	5.3		Unspecified	No										
14	42290 - Natural Mixed Pine	Sawtimber Well	2.7	101	81-110	N/A	Isolated pine ridge. Frequent sign of fire is evident throughout similarly established stands within the compartment.									
15	42290 - Natural Mixed Pine	Sawtimber Well	2.3	101	81-110	N/A	Isolated pine ridge. Frequent sign of fire is evident throughout similarly established stands within the compartment.									
16	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	31.4	97	Unspecified	N/A	The stand is a mixture of spruce, cedar and tamarack. Some large super canopy white pine are scattered throughout. MNFI identifies an element community of Rich Conifer Swamp which overlays part of this stand. The stand is part of the Two Hearted Natural River corridor.									
17	42290 - Natural Mixed Pine	Sawtimber Well	1.9	101	81-110	N/A	Isolated pine ridge. Frequent sign of fire is evident throughout similarly established stands within the compartment.									
18	42290 - Natural Mixed Pine	Sawtimber Well	1.4	101	81-110	N/A	Isolated pine ridge. Frequent sign of fire is evident throughout similarly established stands within the compartment.									
19	500 - Water	Nonstocked	2.4		Unspecified	No										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
24	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	41.6	96	Unspecified	N/A	Mixed lowland; Low density forested with cedar, spruce, wp and tamarack throughout; mixed lowland brush throughout.																																				
26	6225 - Bog	Nonstocked	20.1		Unspecified	No																																					
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29	6229 - Mixed lowland shrub	Nonstocked	20.8	0	Unspecified	No	Mixed lowland; mostly tag alder brush in the floodplain of the river.																																				
30	6129 - Mixed Coniferous Lowland Forest	Sapling Well	13.5	96	Unspecified	N/A																																					
33	500 - Water	Nonstocked	2.6		Unspecified	No																																					
34	6129 - Mixed Coniferous Lowland Forest	Sapling Poor	399.9	73	1-50	N/A	Spruce component picks up in the middle portion of the stand. Some parts of the stand are very sparsely vegetated.																																				
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35	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	38.5	111	Unspecified	N/A	The stand is a mixture of spruce, cedar and tamarack. Some large supercanopy white pine are scattered throughout. The northern portion of the stand falls within the Two Hearted Natural Rivers Corridor.																																				
36	6122 - Black Spruce	Poletimber Poor	1.9	73	1-50	N/A																																					
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37	6129 - Mixed Coniferous Lowland Forest	Sapling Poor	14.7	76	1-50	N/A	Very open, sparse lowland conifer forest. Flooded black spruce in the eastern portion.																																				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
41	42200 - Natural White Pine	Sawtimber Well	15.7	114	81-110	N/A	This stand has evidence of a high intensity fire. There are many large burnt stumps and standing snags present throughout the stand. The stand is part of the Two Hearted Natural Rivers Corridor. Canopy data from 2012.																																																			
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42	6120 - Lowland Cedar	Poletimber Medium	109.7	131	81-110	N/A	White pine component picks up as you get closer to the river. Stand data carried over from 2012. The stand is part of the Two Hearted Natural Rivers Corridor.																																																			
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44	42290 - Natural Mixed Pine	Sawtimber Well	354.4	121	51-80	N/A	This stand has evidence of a high intensity fire. There are many large burnt stumps and standing snags present throughout the stand. Stand dominated by red and white pine with a younger age class of birch, aspen and red maple poles. MNFI identifies an element community of Dry-mesic Northern Forest that overlays the majority of this stand. Based on structure criteria of 22"+ canopy trees this site is not yet Type II Old Growth. Portions of the stand acquired during TNC land swap in 2019.																																																			
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46	6225 - Bog	Nonstocked	2.7		Unspecified	No																																																				
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48	6225 - Bog	Nonstocked	73.3		Unspecified	No										
								Sub-Canopy Species	Density	Avg. Height	Size					
								White Pine	Trace		Pole					
								Alder	Medium		Tall Shrub					
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49	6224 - Treed Bog	Nonstocked	12.5	0	Unspecified	No	Mixed lowland; Low density forested with cedar, spruce, white pine and tamarack throughout; mixed lowland brush throughout.									
50	6224 - Treed Bog	Nonstocked	12.5	0	Unspecified	No	Mixed lowland; Low density forested with cedar, spruce, white pine and tamarack throughout; mixed lowland brush and grasses throughout.									
51	500 - Water	Nonstocked	4.8		Unspecified	No										
52	6129 - Mixed Coniferous Lowland Forest	Sapling Poor	4.0	73	1-50	N/A	Mixed lowland; Low density forested with cedar, spruce, white pine and tamarack throughout; mixed lowland brush throughout. Trees have very small diameters.									
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53	500 - Water	Nonstocked	3.7		Unspecified	No										
54	500 - Water	Nonstocked	1.6		Unspecified	No										
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								Leatherleaf	Trace		Tall Shrub					
								Alder	Trace		Tall Shrub					
								Black Spruce	Trace		Sapling					
55	6225 - Bog	Nonstocked	18.2		Unspecified	No										
								Sub-Canopy Species	Density	Avg. Height	Size					
								Leatherleaf	Medium		Tall Shrub					
								Black Spruce	Low		Sapling					
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60	6122 - Black Spruce	Sapling Poor	10.8	93	1-50	N/A	Mixed lowland surrounding Beavertown Lakes; Low density forested with spruce, white pine and tamarack throughout; mixed lowland brush and grasses are dense throughout the stand.																																																																	
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62	6127 - Lowland Pine	Sawtimber Well	1.7	93	51-80	N/A	Slight change in elevation around Beavertown Lakes, which allows more WP into the stand.																																																																	
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63	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	4.8	107	81-110	N/A	This stand is a mixture of pine and lowland conifers ; scattered alder/grass throughout. The stand is part of the Two Hearted Natural Rivers Corridor. Stand data from previous inventory.																																																																	
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66	6122 - Black Spruce	Sapling Poor	5.4	81	1-50	N/A	Mixed lowland; Low density forested with cedar, spruce, white pine and tamarack throughout; mixed lowland brush and grasses are dense throughout parts of the stand.																																																																	
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71	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	17.7	96	51-80	N/A	Mixed lowland; Low density in some areas. Cedar, spruce, white pine and tamarack throughout; mixed lowland brush and grasses are dense in parts of the stand. White pine component picks up as you get closer to the river. The stand is part of the Two Hearted Natural Rivers Corridor.																																																																	
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72	6129 - Mixed Coniferous Lowland Forest	Sapling Well	39.4	80	1-50	N/A	Mixed lowland; Low density forested with cedar, spruce, wp and tamarack throughout; mixed lowland brush and grasses are dense throughout the stand. Part of the stand falls within the Two Hearted Natural Rivers Corridor.																																																																	
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74	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	23.4	92	Unspecified	N/A	Acquired in 2019 as part of a land trade with TNC.																																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
75	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	68.3	97	Unspecified	N/A	The stand is a mixture of spruce, cedar and tamarack. Some large super canopy white pine are scattered throughout. MNFI identifies an element community of Rich Conifer Swamp which overlays part of this stand. The stand is part of the Two Hearted Natural River Corridor.
76	6224 - Treed Bog	Nonstocked	19.9		Unspecified	No	Acquired in 2019 as part of TNC trade.
83	500 - Water	Nonstocked	4.0	0	Unspecified	No	North branch of the Two-Hearted river.
91	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	18.1	104	Unspecified	N/A	Acquired in 2018 as part of TNC trade.
94	429 - Mixed Upland Conifers	Sawtimber Well	36.9	114	51-80	N/A	Acquired in 2019 as part of a land trade with TNC.
96	500 - Water	Nonstocked	7.3		Unspecified	No	Acquired in 2019 as part of TNC trade.
97	500 - Water	Nonstocked	2.1		Unspecified	No	Acquired in 2019 as part of land swap with TNC.
99	6224 - Treed Bog	Nonstocked	13.5	0	Unspecified	No	Acquired in 2018 as part of TNC land trade.
100	6122 - Black Spruce	Sapling Medium	5.6	79	1-50	N/A	Acquired in 2019 as part of a land trade with TNC.