

Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42136 Entry Year 2025 Acreage: 1,218

County Chippewa

Management Area: Seney Lake Plain

Stand Examiner: Matt Payment

Legal Description:

T46N R07W Section(s) 10,15,22,25,27,34,36

Identified Planning Goals:

To maintain a healthy, sustainable forest ecosystem with special emphasis on wildlife habitat.

Soil and topography:

Most of the compartment falls on very deep, nearly level, very poorly drained mucky and peaty soils of a Markey - Dawson association. The forest type on this association is lowland conifers, lowland brush, marshes and treed bogs. The northern portion of the compartment falls on a Pickford-Rudyard-Ontonagon association which is mostly level and somewhat poorly drained heavy loamy soils. The forest type on this association is poor quality hardwoods, aspen, mixed lowland conifers and white pine. A small portion of the compartment occurs on the Kalkaska - Rubicon association of well drained uplands. The forest type on this association is typically upland hardwoods.

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

The compartment is centered around the town of Hulbert. The land ownership in this compartment is fragmented. Private and state land is intermingled. Much of the state land has very limited access because private land must first be crossed. There are some roads on private land which lead to state land, but nearly every one of them is gated including an abandoned railroad grade that runs east / west across the compartment. There are very few roads on the state land due to the fact that most of it occurs on lowland areas. Land use in the compartment is mostly recreational. Land is used extensively for hunting. Snowmobiling is also a very popular activity in the area of the compartment with a designated trail running through it.

Unique Natural Features:

The Hulbert Deer Yard and the East Branch of the Tahquamenon River.

Archeological, Historical, and Cultural Features:

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

Special Management Designations or Considerations:

Ownership patterns, accessibility, lowland soils, deer yard, land use and limited established survey corners should be factored in when making land management decisions within the compartment.

Watershed and Fisheries Considerations:

ELSMU-Cory Kovacs

In the northern section along the eastern edge the East Branch Tahquamenon River flows in an out of the compartment boundary. The East Branch Tahquamenon River is a Wild and Scenic River. Designation as a Wild and Scenic River regulates the management and control of development on the river through the federal government. There are no predetermined setbacks in place with this designation, but at a minimum, state Best Management Practices should be followed accordingly. The East Branch Tahquamenon River is a warm transitional small river (in this reach) with a width of <50 feet and a predicted mean July temperature of 63.9°F. Any proposed treatments near the river should have a 100-ft riparian management zone, plus an additional 5 feet per 1% increase in slope. Any clear-cut treatments in stands where aspen is a significant component or where aspen regeneration is likely, a buffer of 300 ft should be adhered to.

Wildlife Habitat Considerations:

Compartment 136- This small compartment is situated in the Seney Sand Lake Plain ecological sub-subsection. It is also located in the Hulbert Sage River Deer Wintering Complex deer yard which supports high numbers of deer during difficult winter periods. More than half of the compartment is dominated by swamp conifers with the majority of the remaining area in lowland habitat types. A small amount of aspen and upland hardwood stands exist. The current vegetative patterns are consistent with presettlement data. The compartment is highly fragmented by private parcels.

Cedar canopies should not be disturbed in this compartment to maintain the wildlife values of those stands. No hemlock

or cedar should be harvested to retain thermal cover within stands. Forested corridors should be maintained to facilitate ease of movement between upland and lowland areas. Buffer zones along streams and rivers should be sustained to preserve travel corridors and wetland wildlife values and habitats. Wildlife objectives will be achieved by the retention of conifers, hard and soft mast producing trees, wildlife den and nest trees and snags in hardwoods stands and the preservation of conifer components of aspen stands. In addition, harvests should occur during winter months and tops should not be chipped to provide a food source for wintering deer. Wildlife featured species in this management area include woodcock, blackburnian warbler, black bear, American marten, red crossbill, snowshoe hare and ruffed, spruce and sharp-tailed grouse, woodthrush, white-tailed deer and black backed woodpecker.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of peat and muck, an end moraine of coarse-textured till and minor lacustrine (lake) silt and clay. There is insufficient data to determine the glacial drift thickness. The Ordovician Utica and Collingwood Shales and Trenton Formation subcrop below the glacial drift. The Trenton is quarried for stone. The nearest gravel pit is located in Section 35 and potential is considered good on this upland area. There is no economic oil and gas production in the UP.

Vehicle Access:

The compartment is centered around the town of Hulbert. The main access to the compartment is the North Hulbert Road which leads north from M-28. There are a few two track roads branching from the North Hulbert Road (see compartment map) that lead to state land. Most of these roads cross private land and are gated.

Survey Needs:

This compartment and the entire township for that matter, currently has little to offer in the way of registered survey corners. In the past, survey work has been done using old fence lines and blazed trees. The Chippewa County Remonumentation Survey has recently been doing some work in the area and there have been a few new corners established and registered. The documentation of which corners have been established in the area of this compartment should be obtained.

Recreational Facilities and Opportunities:

There are no developed recreational facilities within this compartment. Hunting, fishing and snowmobiling are activities that take place here.

Fire Protection:

Potential for large fire runs would be low, because of swamp conifers and upland hardwood types in this compartment. Very few areas are accessible with wheeled heavy equipment. Modified suppression tactics may need to be considered in these areas. Wildfire risk to private properties would be low.

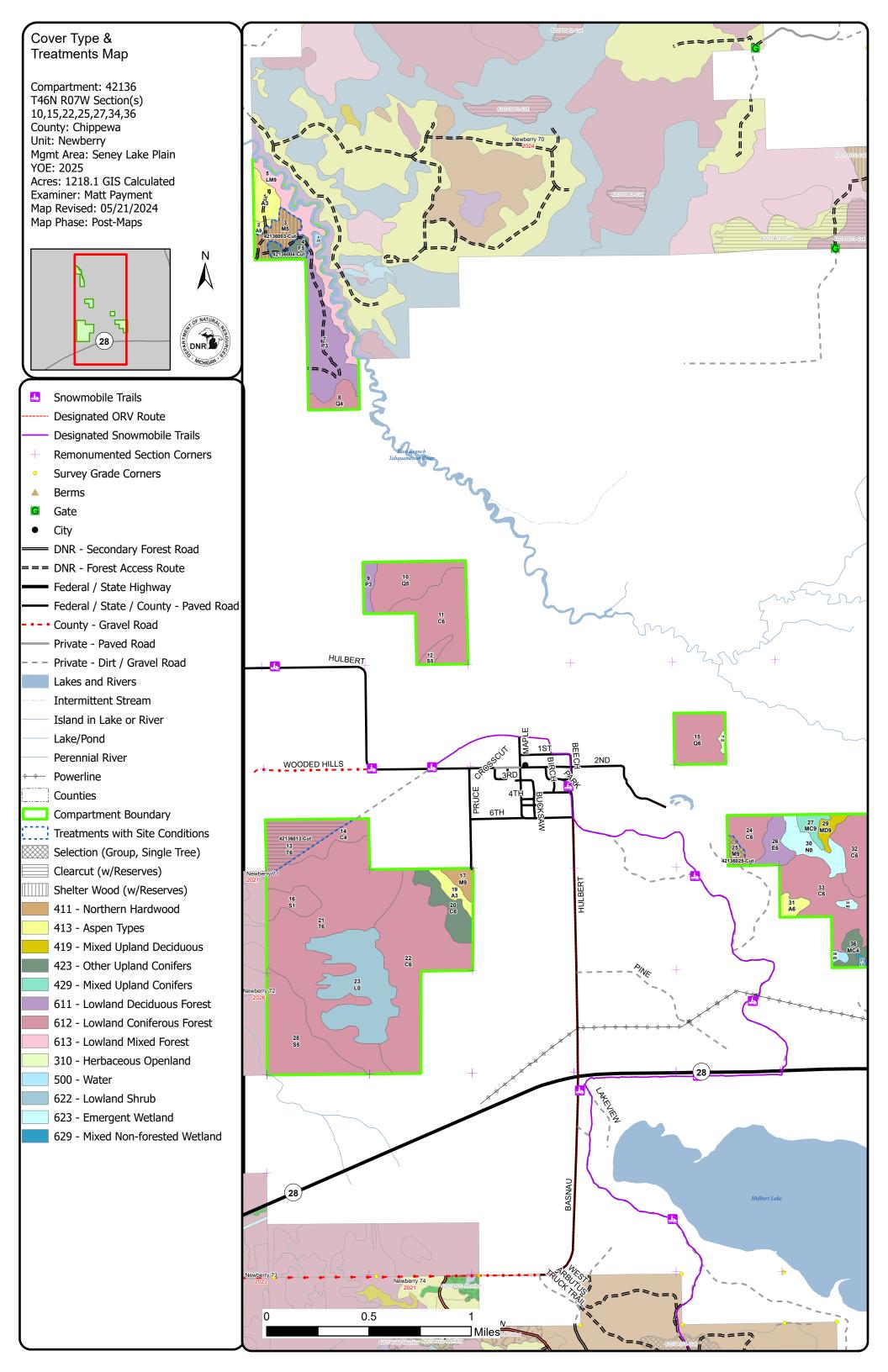
Additional Compartment Information:

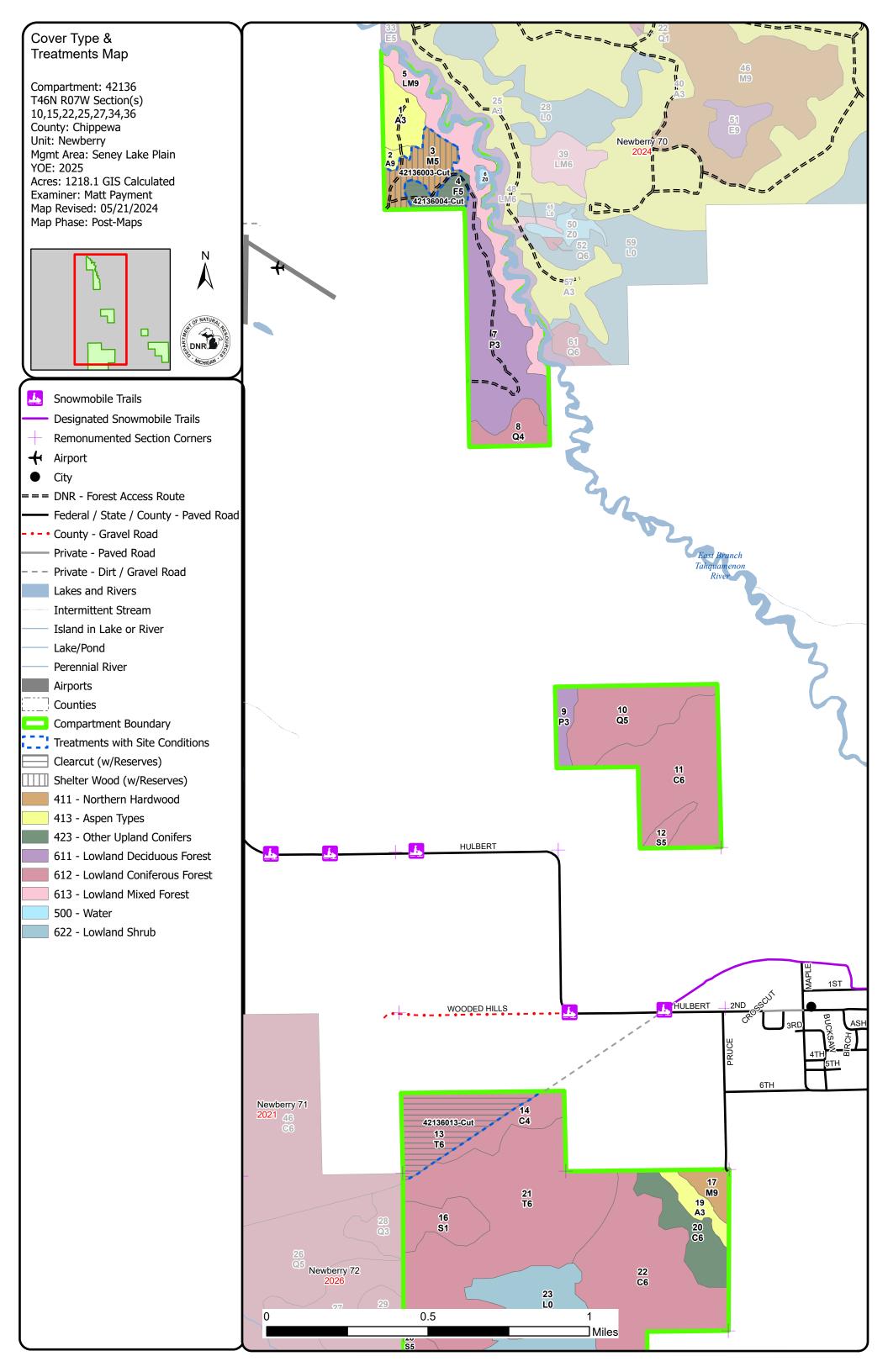
The following reports from the Inventory are attached:

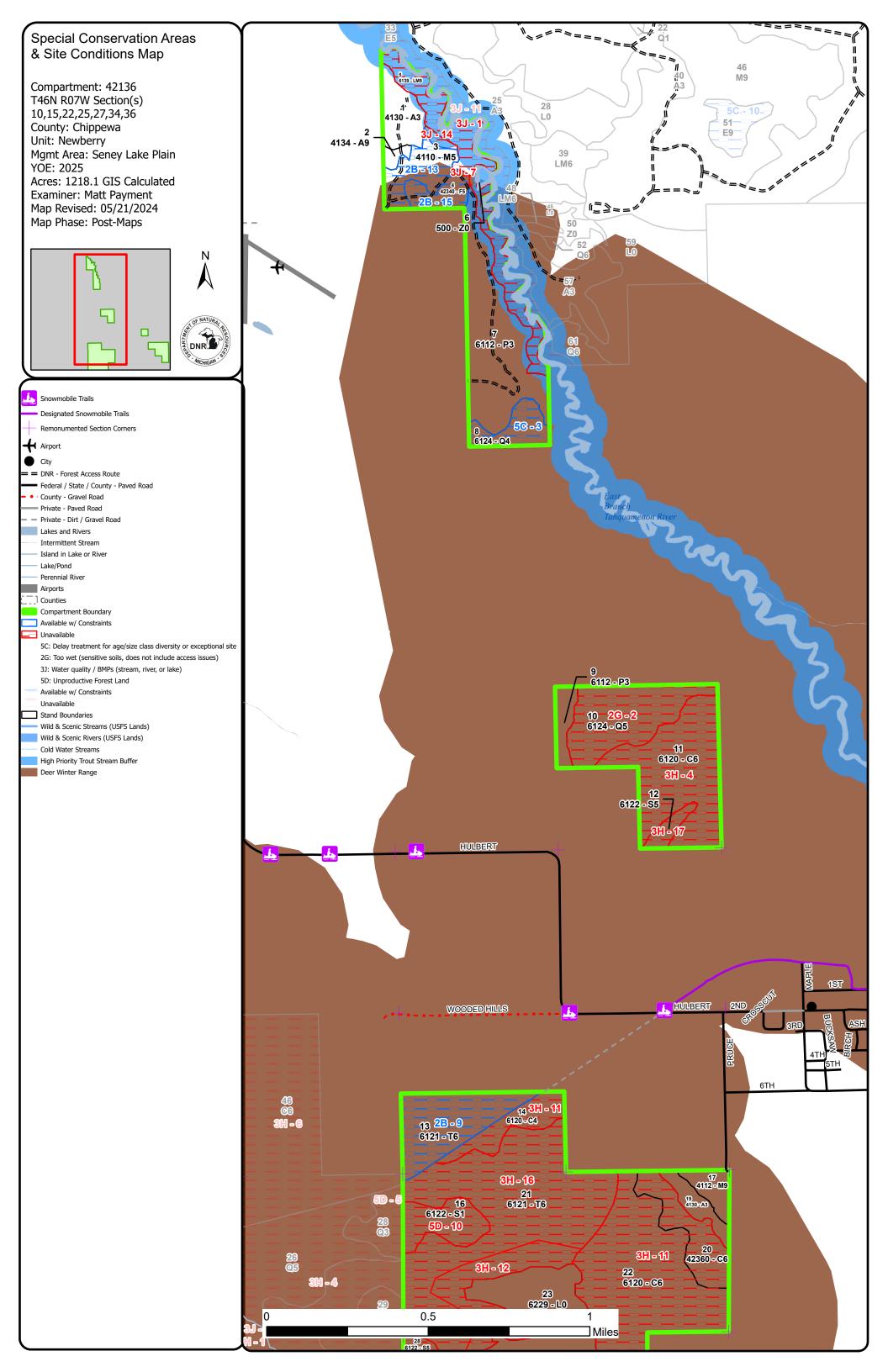
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

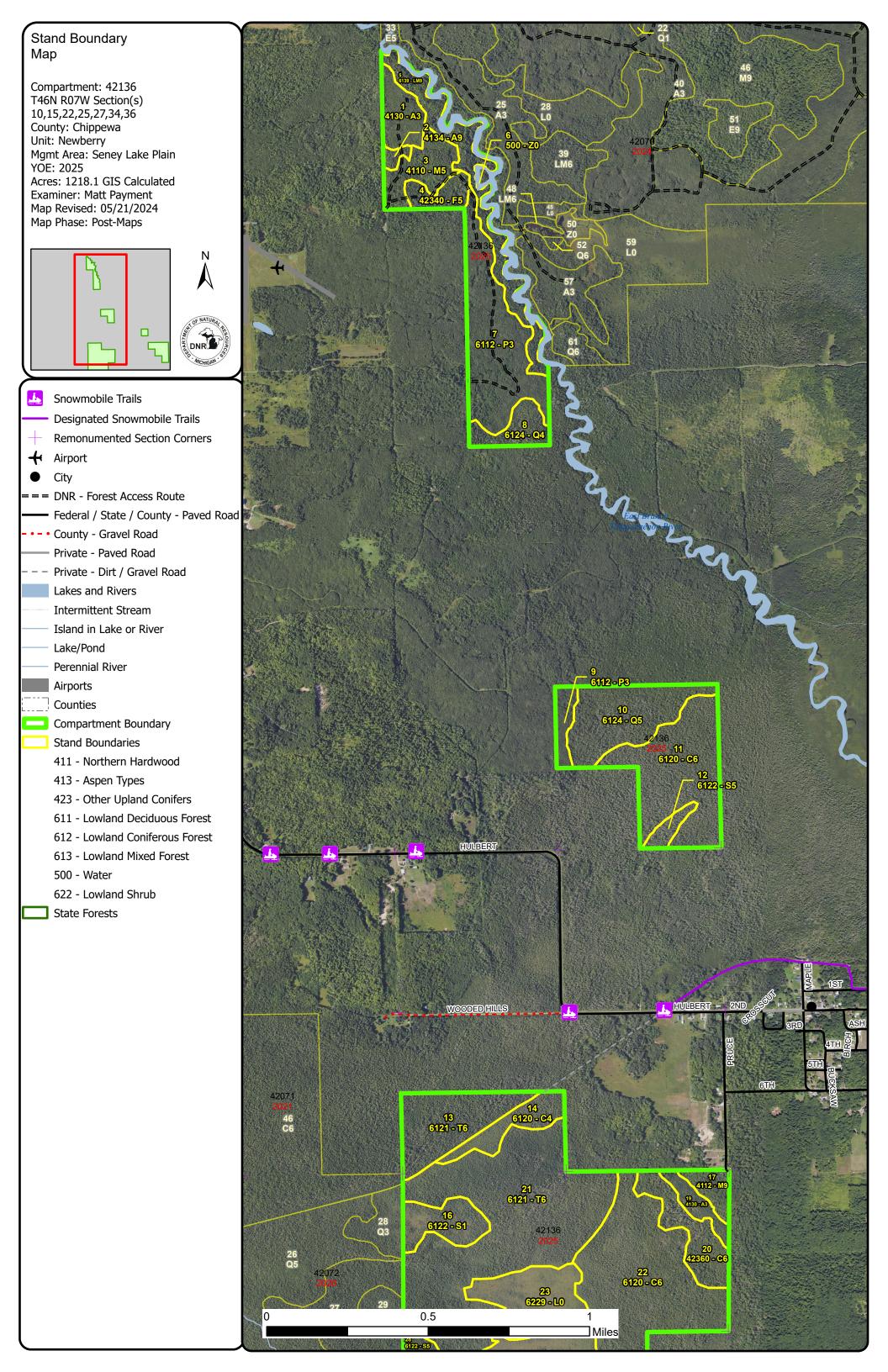
The following information is displayed, where pertinent, on the attached compartment maps:

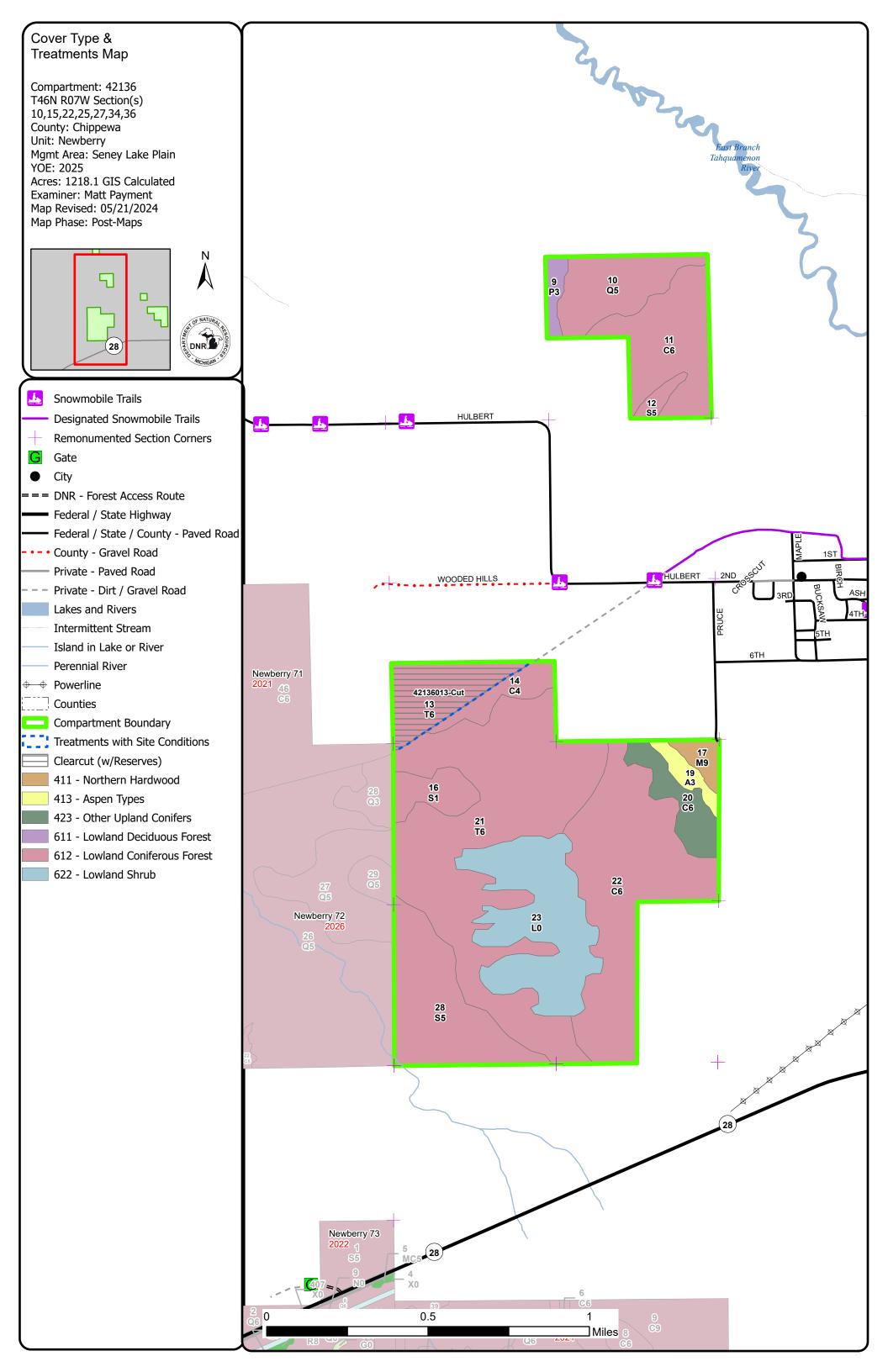
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

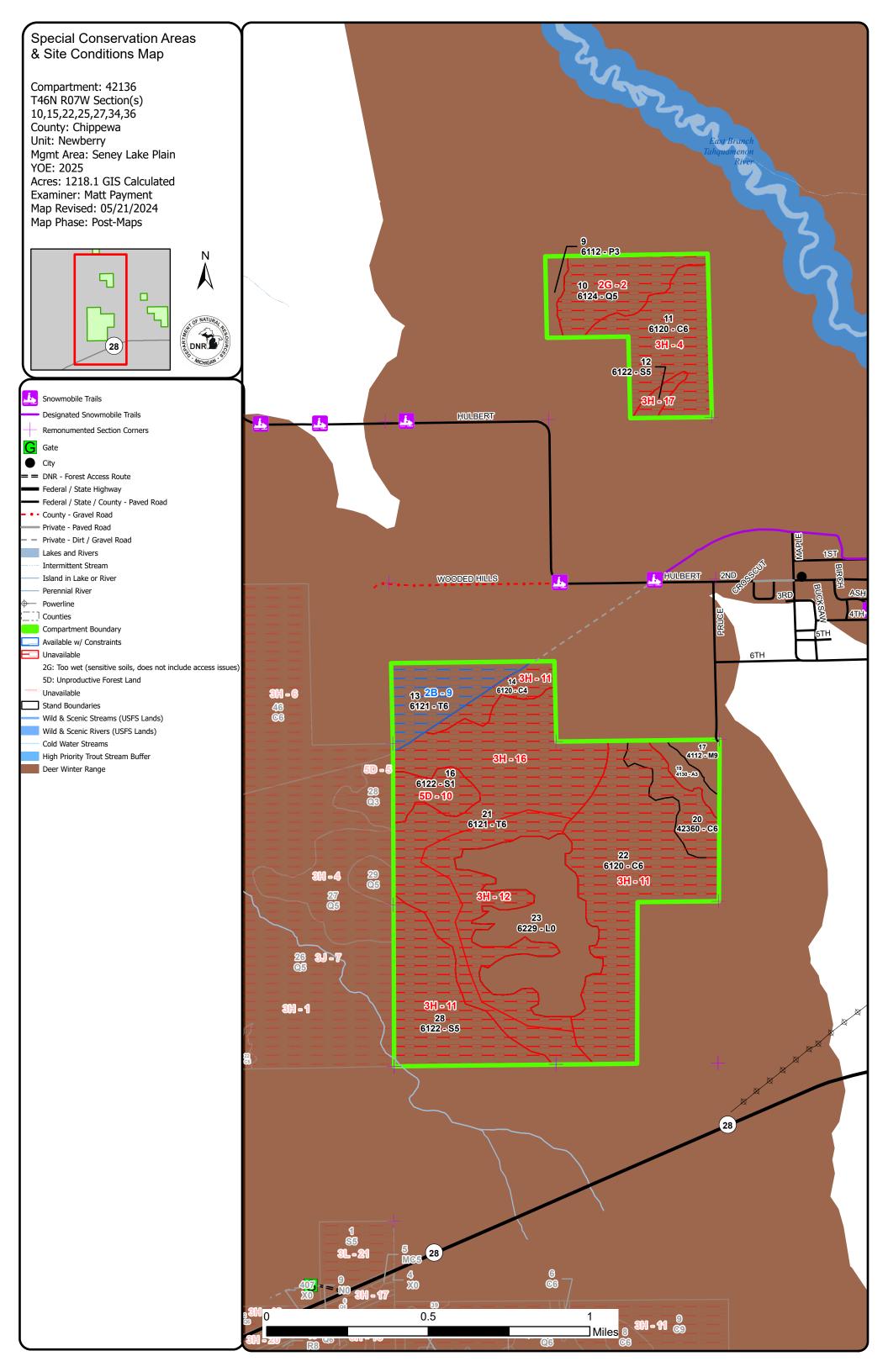


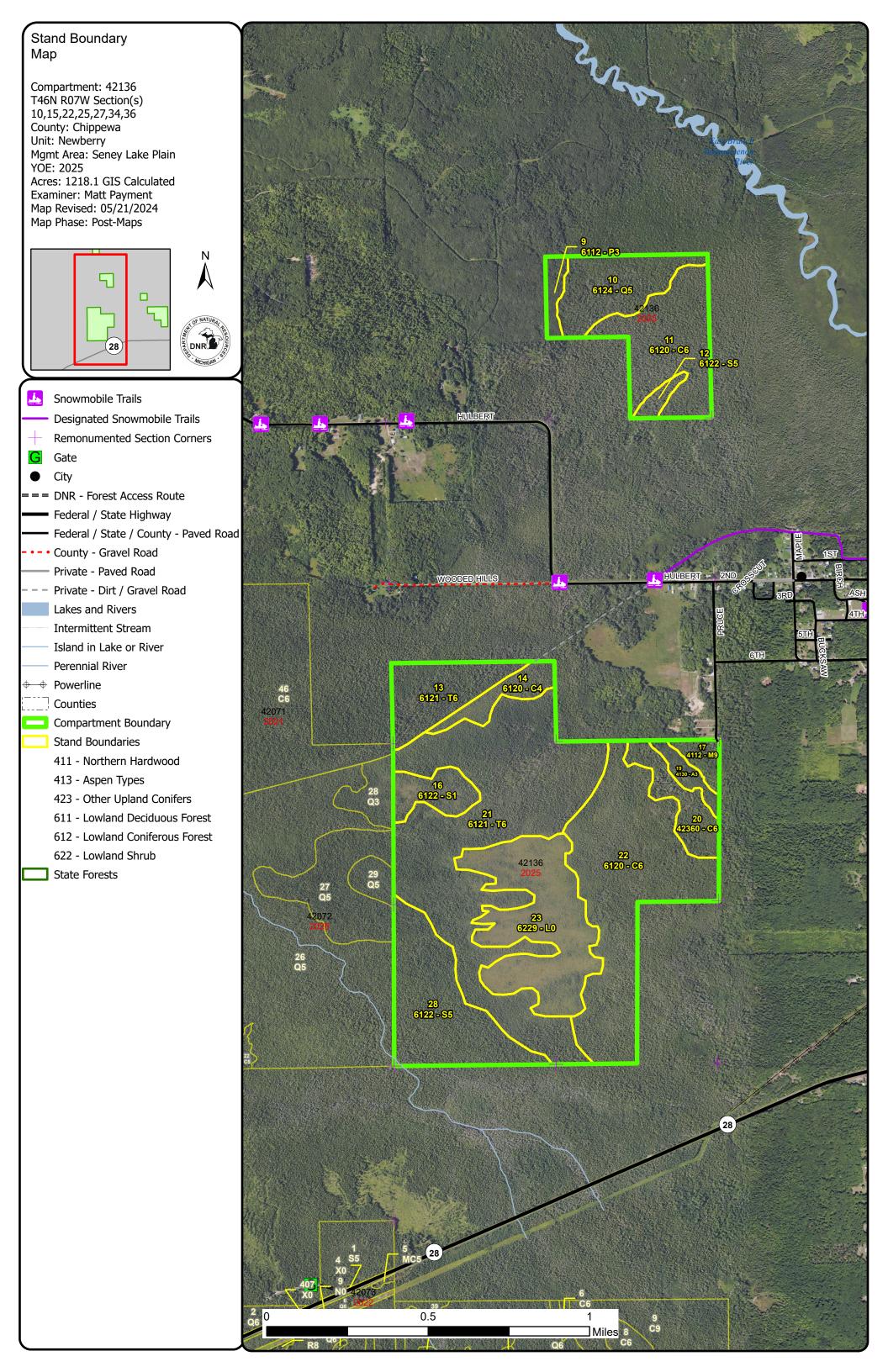


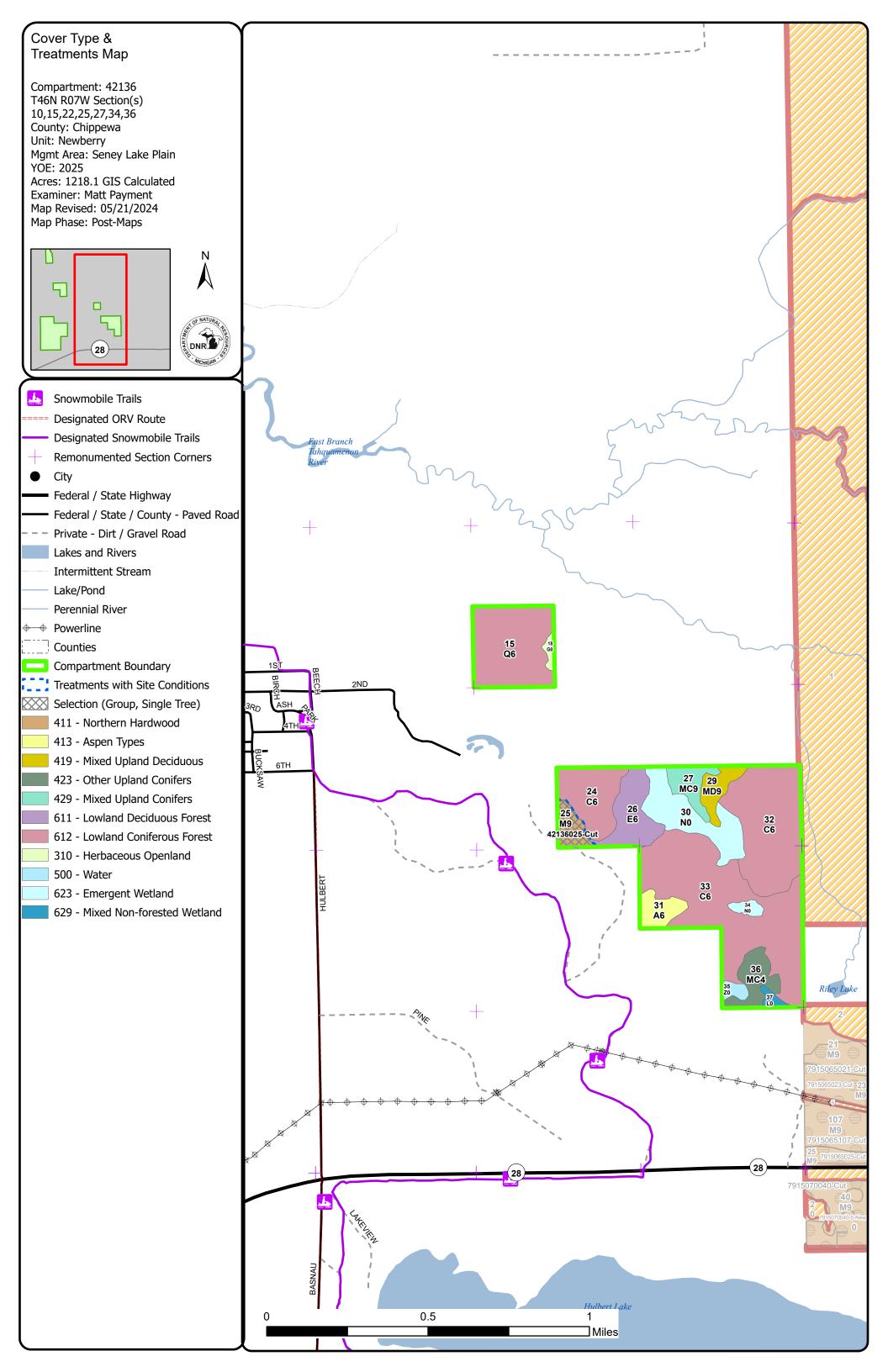


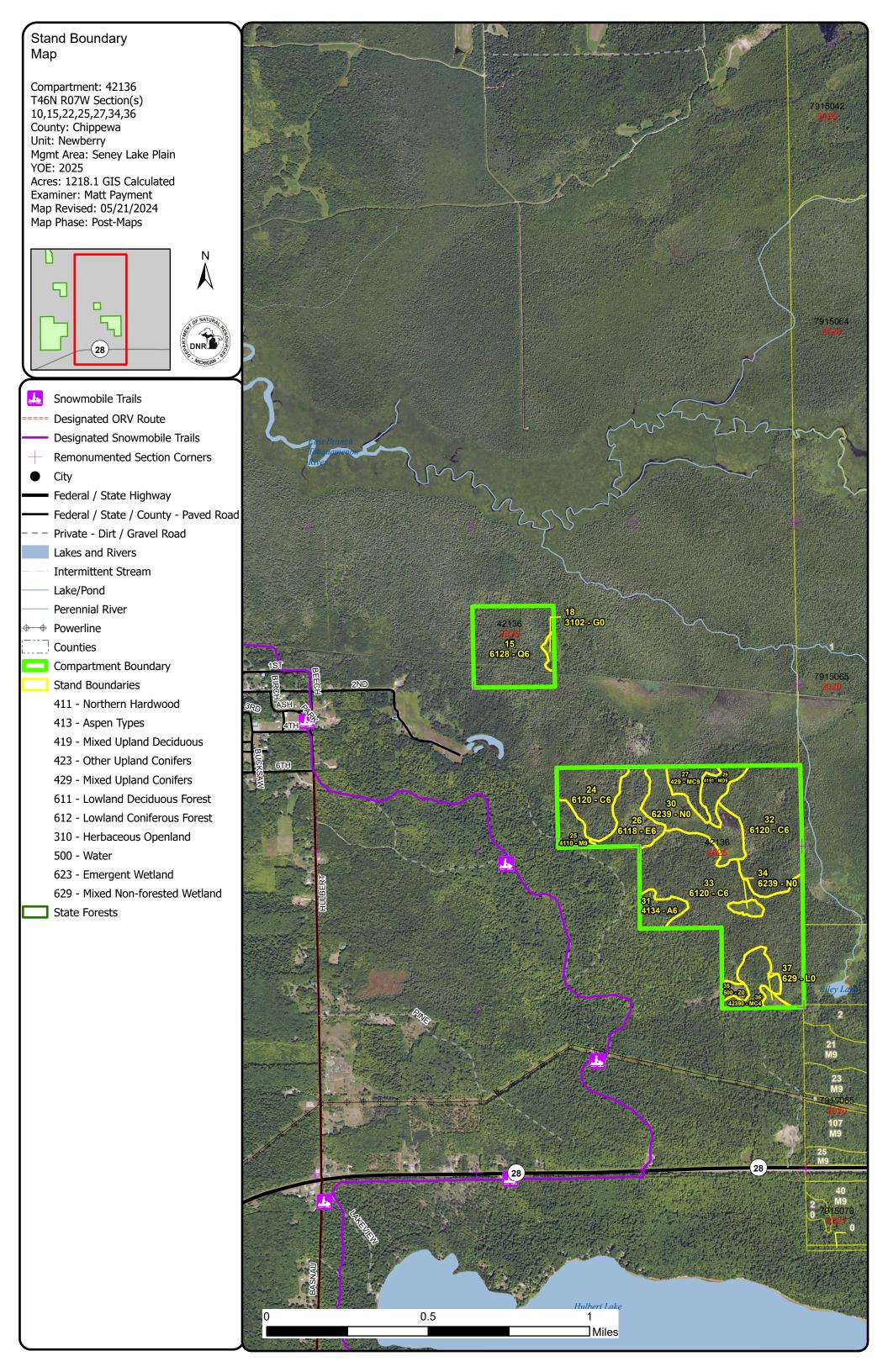


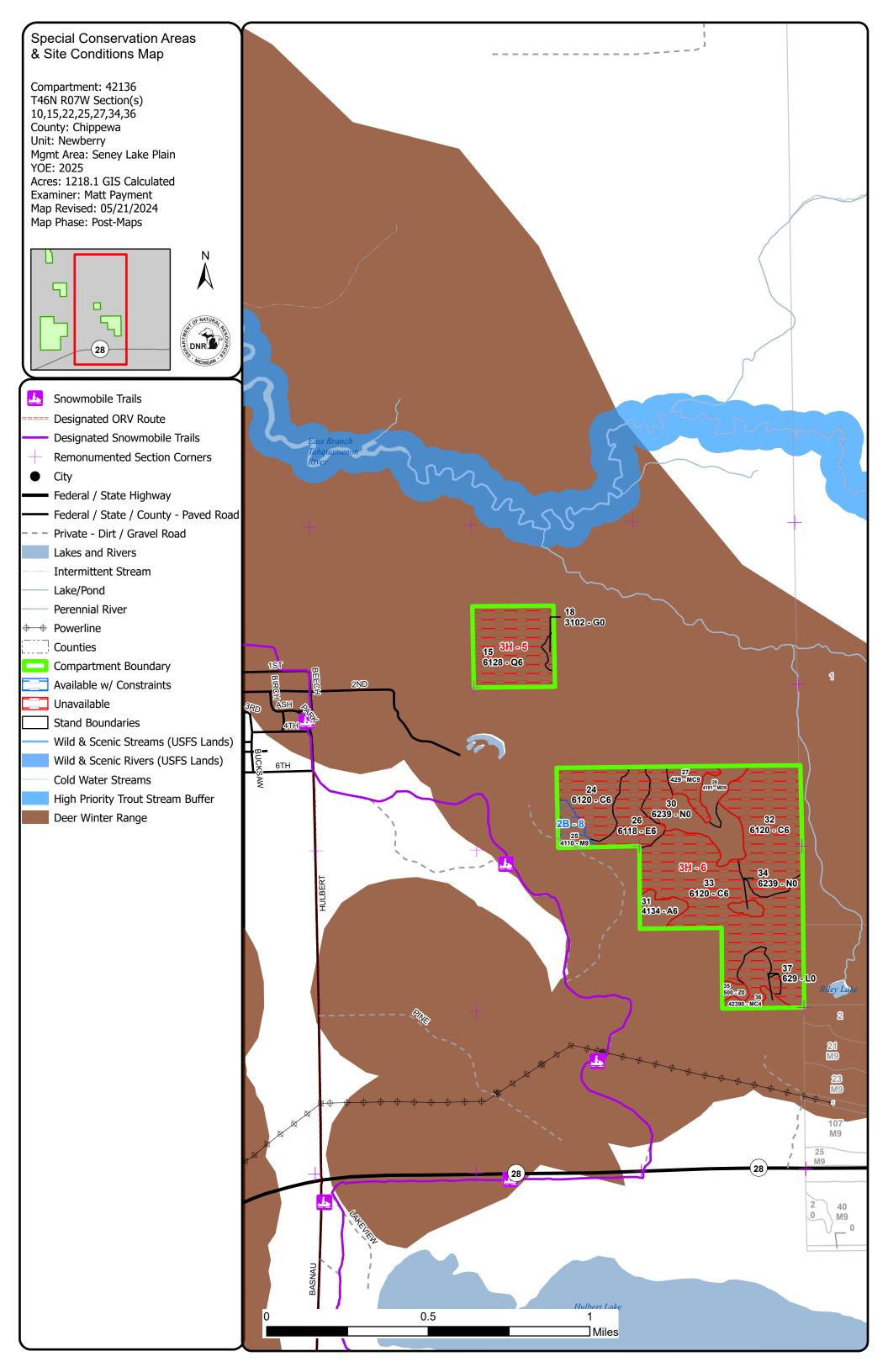












Report 1 – Total Acres by Cover Type and Age Class

Newberry Mgt. Unit

Matt Payment : Examiner

Compartment 136 Year of Entry 2025



Age Class

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Aspen	0	0	0	25	8	3	0	0	0	0	0	0	0	0	0	0	0	0	36
Cedar	0	0	0	0	0	0	0	0	24	65	38	142	49	83	0	0	0	0	401
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Aspen/Balsam Poplar	0	0	8	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71
Lowland Conifers	0	0	0	0	0	0	39	0	0	43	14	0	0	0	0	0	0	0	95
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	18
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	35
Lowland Shrub	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	6	97	0	0	0	0	0	0	0	103
Marsh	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8
Northern Hardwood	0	0	0	0	0	0	0	9	20	7	0	0	0	0	0	0	0	0	36
Tamarack	0	0	0	0	0	0	0	214	0	0	39	0	0	0	0	0	0	0	253
Upland Conifers	0	0	0	0	0	0	0	11	0	0	0	9	0	0	0	0	0	0	19
Upland Spruce/Fir	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
Water	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Total	136	0	8	88	8	3	39	234	62	156	188	169	49	83	0	0	0	0	1221



Report 2 – Treatment Summary

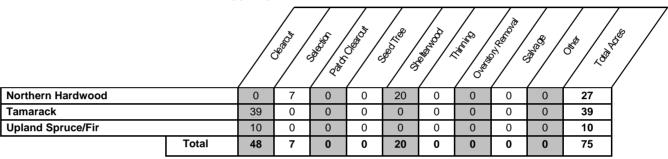
Newberry Mgt. Unit Year of Entry: 2025

Acres of Harvest

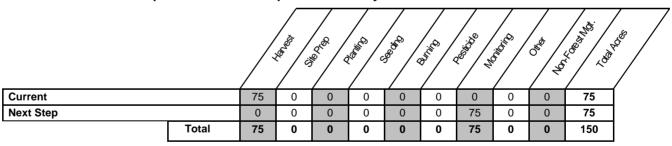
Compartment 136
Total Compartment Acres: 1,218

Commercial Harvest Harvests with Site Condition - 75
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Newberry Mgt. Unit Report 3 -- Treatments

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Compartment: 136 Year of Entry: 2025



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

Approved Treatments:

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42136003-Cut 19.7 4110 - Sugar Maple Poletimber 141-Harvest Shelterwood 411 - Northern Uneven-No Association Medium 170 Hardwood Aged

Prescription Shelterwood to promote growth of crop trees. Final Basal area may vary based on pockets of low quality trees. Target BA is 40-60. Remove

Specs: all balsam fir and aspen if present.

Leave conifers for the benefit of wintering deer, winter cut, no chipping.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Red and sugar maple, and birch.

Regen: Other Comment:

Site Condition Unknown Access Proposed Start Date: 10/1 /2024

42136004-Cut 42330 - Upland 9.6 42340 - Upland Poletimber 74 81-110 Harvest Clearcut with Even-Aged No Spruce/Fir Medium Retention Fir

Prescription Clearcut w/ retention. River buffer built into the treatment.

Specs:

Leave hemlock if it exists and white pine, winter cut, no chipping

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Spruce, pine, and fir.

Regen:

Other

Comment:

Site Condition Unknown Access Proposed Start Date: 10/1 /2024

42136013-Cut 38.7 6121 - Tamarack Poletimber 95 111-Harvest Clearcut with 612 - Lowland Even-Aged No Well Coniferous 140 Retention

Prescription Clearcut Tamarack and Black Spruce. Leave 3-5% in retention pockets within stand. Winter Cut due to deer wintering complex, leave any small cedar clumps that might exist and all hemlock.

Specs: Monitoring, Natural Regen (Re-Inventory)

Next Step Treatments:

Acceptable Mixed lowland coniferous species.

Regen: Other Comment:

Site Condition Unknown Access Proposed Start Date: 10/1 /2024

S t		Newberry	Mgt. Unit		Repoi	rt 3 '	Compartmer Year of Entr	DNR DNR			
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
25	42136025-Cut	6.9 41	10 - Sugar Maple Association	Sawtimbe Well	r 85	171- 200	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	No
	Leave	all hemlock	and cedar. I Regen (Re-Invent	tory)							
Acce Reg		sugar and re	ed maple.								
	<u>iment:</u>										
Site	Condition Unl	nown Acce	99								

Total Treatment 74.9 Acreage Proposed:

Proposed Start Date: 10/1 /2024

Compartment: 136

Newberry Mgt. Unit

Matt Payment : Examiner Year of Entry: 2025

Availa	ability for	Managemer	nt								
Total	Acres	Acres Avail	Acres	De	omina	nt Site	e Con	dition	s		
Acres	Available	With Condition	Not Available		2B	5C	2G	ЗА	3Н	3J	5D
35	35	0	0	Aspen							
400	0	0	400	Cedar					400		
2	0	0	2	Herbaceous Openland					2		
71	71	0	0	Lowland Aspen/Balsam Poplar							
96	0	14	82	Lowland Conifers		14	43		39		
17	0	0	17	Lowland Deciduous					17		
35	0	0	35	Lowland Mixed Forest						35	
96	96	0	0	Lowland Shrub							
102	0	0	102	Lowland Spruce/Fir					82		20
26	19	0	7	Marsh					7		
8	8	0	0	Mixed Upland Deciduous							
36	9	25	2	Northern Hardwood	25					2	
253	0	39	214	Tamarack	39			60	154		0
19	0	0	19	Upland Conifers					19		
10	0	10	1	Upland Spruce/Fir	10					1	
12	12	0	0	Water							
1,218	250	87	881	Total Forested Acres	73	14	43	60	721	37	20
	21%	7%	72%	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	3J: Water quality / BMPs (stream, river, or lake)	35	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Evaluated for SBW.						
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	43	2B: Unknown if access through adjacent landowner(s) is possible	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified
	Comments: Evaluated for SBW.						

Report 4 – Site Conditions

Newberry Mgt. Unit
Matt Payment : Examiner

3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	2I: Survey needed	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	65	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	40	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	196	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Obligate deer yard	. Cedar stands or stands that co	ontain 5	50% or more cedar.			
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	Available	2B: Unknown if access through adjacent landowner(s) is possible	7	2l: Survey needed	Unspecified	Unspecified	Unspecified
	Comments:						

Report 4 - Site Conditions

Compartment: 136 Year of Entry: 2025

Matt Payment: Examiner Unspecified Unspecified 9 **Available** 2B: Unknown if access 39 2I: Survey needed Unspecified through adjacent landowner(s) is possible Comments: Unspecified Unspecified Unspecified Unspecified **5D: Unproductive Forest** 10 Unavailable 20 Land Comments: Treed Bog Unspecified Unspecified Unspecified 11 Unavailable 3H: Deer Wintering Area -2B: Unknown if access 260 through adjacent habitat is incompatible landowner(s) is possible with harvest at this time Comments: Obligate deer yard. Unspecified Unspecified Unspecified Unspecified 12 Unavailable 3A: Conservation Values 60 incompatible with harvest at this time Comments: Proposed ERA for Natural Community EO (rough area; not exact boundary of EO) 13 **Available** 2B: Unknown if access 18 2I: Survey needed Unspecified Unspecified Unspecified through adjacent landowner(s) is possible Comments: 5E: Long-Term Retention Unspecified 14 Unavailable 3J: Water quality / BMPs 2 Unspecified Unspecified (stream, river, or lake) Comments: Part of buffer for the river, will also serve as retention.

Newberry Mat. Unit

Report 4 – Site Conditions

Newberry Mgt. Unit

Matt Payment : Examiner

15	Available	2B: Unknown if access through adjacent landowner(s) is possible	10	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
16	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	154	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
17	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	6	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						

Mgt. Unit

Compartment: #Type! Year of Entry:

DNR DNR

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				

Newberry Mgt. Unit Compartment: 136





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.

Conservatio Area	n Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish specified year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	ies (e.g., slimy sculpin) to persist from ese conditions due to substantial
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildle and Waterfowl Production Areas, deer wintering complexes in lo openings and savannas. Habitat areas are distinct from critical hendangered or threatened species (such as Kirtland's warbler or general in nature, are not primarily associated with threatened or covered by species recovery plans that are developed in cooperation.	wland conifer communities, grassland abitat designated for recovery of piping plover areas) in that they are more rendangered species, and are not
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high communities are ecologically and socially significant in their effects as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, diversity of plants and wildlife. Riparian cts on water quality and quantity, as well
SCA	Wild and Scenic Rivers	Wild and Scenic Rivers are established under authority of the Na Law 90-542, as amended. Each Wild and Scenic River has a riv and State agencies may enter into written cooperative agreemer for the management of Wild and Scenic Rivers that are upon Sta Federal designated Wild and Scenic Rivers that are located with	ver specific Federal management plan, nts with the administering Federal agency ate-owned lands. There are 18 miles of



Stand	d Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
1	4130	- Aspen		Sapling	Well	15.7	24 lı	mmature	N/A		Previously harvested in 1999. Young aspen stand.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Balsam Fir	2	Pole/Sapling	9 6	24						
	Quaking Aspen	98	Sapling	4	24						
2	4134 - Aspe	en, Spruce/	Fir	Sawtimb	er Well	2.8	40	111-140	N/A		Aspen and Balsam fir mix.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Quaking Aspen	75	Log/Pole	10	40						
	Balsam Fir	25	Pole	8	40						
3	4110 - Sugar M	Maple Assoc	ciation Po	oletimbei	Medium	19.7	74	141-170	N/A		Pole size, low quality, sugar maple stand.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Beech	2	Pole/Log	10	74	Sug	jar Maple	Low	Variable	Sapling	
	Sugar Maple	90	Pole	8	74	I	Beech	Low	Variable	Tall Shrub	
	Paper Birch	2	Pole	10	74	Ва	lsam Fir	Low	Variable	Tall Shrub	
	Red Maple	6	Pole	8	74						
4	42340 - Upla	•			Medium		74	81-110	N/A		Variable Balsam fir stand with pockets of other species intermixed.
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	
	White Pine	10	XLog	18	74	Re	d Maple	Low	5 - 10 feet	Sapling	
	Balsam Fir	50	Pole	8	74						
	Quaking Aspen	30	Pole	8	74						
	White Spruce	10	Pole	8	74						
5	6139 - Mixed										
	0100 WIIACU	Lowland Fo	orest	Sawtimb	er Well	35.0	87	51-80	N/A		Riparian Zone that runs along side the Tahquamenon river and is well
	Canopy Species		Size Class		er Well		87	51-80 Density	N/A Avg. Height	Size	Riparian Zone that runs along side the Tahquamenon river and is well within the natural rivers buffer.
						Sub-Ca				Size Sapling	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height		
	Canopy Species Red Maple	% Cover 15	Size Class Pole	8 11 8	Age 87 87	Sub-Ca	nopy Species	Density	Avg. Height		
	Canopy Species Red Maple Paper Birch	% Cover 15 40	Size Class Pole Log	8 11	Age 87	Sub-Ca	nopy Species	Density	Avg. Height		
6	Canopy Species Red Maple Paper Birch Balsam Fir White Spruce	% Cover 15 40 30	Size Class Pole Log Pole	8 11 8	87 87 87 87	Sub-Ca	nopy Species te Spruce	Density	Avg. Height		
6 7	Canopy Species Red Maple Paper Birch Balsam Fir White Spruce 500	% Cover 15 40 30 15	Pole Log Pole Pole	8	87 87 87 87 ecked	Sub-Ca Whi	nopy Species te Spruce Ui	Density Medium	Avg. Height < 5 feet		within the natural rivers buffer.
	Canopy Species Red Maple Paper Birch Balsam Fir White Spruce 500	% Cover	Pole Log Pole Pole	8	87 87 87 87 87 ocked	9.8 62.7	nopy Species te Spruce Ui	Density Medium nspecified	Avg. Height < 5 feet No		within the natural rivers buffer. Go fish in it!



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed \$	Site	General Comments
8	6124 - Lowla	and Spruce	-Fir	Poletimb	er Poor	13.9	90	111-140	N/A		Lowland, Dominate species is spruce within the overstory. Aspen is very
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	prevalent within the subcanopy as well as Tag alder. Lots of Blowdown and windfall.
	Balsam Fir	10	Pole	7	90	Ta	ag Alder	Low	< 5 feet	Tall Shrub	
	White Spruce	90	Pole/Log	9	90	Asp	en (spp.)	High	5 - 10 feet	Sapling	
9	6112 - Lo	wland Aspe	n	Sapling	y Well	8.2	19	Immature	N/A		Young aspen, dog-hair thick with some tag alder mixed in.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Quaking Aspen	100	Sapling	3	19						
10	6124 - Lowl	and Spruce	-Fir P	oletimbe	Medium	n 43.3	84	81-110	N/A		Lowland some Paper birch scattered. Wet soil, with older Aspen in the
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	canopy.
	White Spruce	35	Pole	8	84		Isam Fir	Medium	< 5 feet	Sapling	
	Paper Birch	10	Pole	8	84				I		
	Quaking Aspen	25	Log	10	84						
	Balsam Fir	30	Pole	6	84						
11	6120 - Lo	wland Ceda	r	Poletimb	er Well	65.1	84	111-140	N/A		Cedar Swamp, wet soils. Located in the Hulbert - Sage DWC.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Fir	10	Sapling	5	84	Ta	ag Alder	Low	< 5 feet	Tall Shrub	
No	orthern White Cedar	60	Pole	8	84						-
	Black Spruce	30	Pole	8	84						
12	6122 - BI	ack Spruce	Р	oletimbe	Medium	n 5.5	84	111-140	N/A		Lots of blowdown/windthrow. Black Spruce, fir, and aspen comprise the
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	overstory.
	Quaking Aspen	25	Log	12	84	Blac	k Spruce	High	10 - 20 feet	Sapling	
	Black Spruce	60	Pole	8	84	Ва	lsam Fir	High	10 - 20 feet	Sapling	
	Balsam Fir	15	Pole	8	84					·	-
13	6121 -	Tamarack		Poletimb	er Well	38.7	95	111-140	N/A		Black spruce with tamerack both species evenly distributed.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Black Spruce	50	Pole	8	95						
	Tamarack	50	Pole	8	95						
14	6120 - Lo	wland Ceda	r	Poletimb	er Poor	16.9	95	51-80	N/A	_	Open bog like with many trees spaced evenly apart.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Black Spruce	20	Pole	6	95						
	orthern White Cedar	80	Pole	9	95						



Stand	Level 4 Co	over Type		Size Densi	ty	Acres	Stand Age	BA Range	Managed S	ite	General Comments
15	6128 - Lowland Dec	Coniferous iduous	, Mixed	Poletimber \	Vell	38.5	53	81-110	N/A		Lots of deer wintering. Tamarack stand with black spruce, lowland soils.
	Canopy Species	% Cover	Size Class	DBH A	ge S	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Tamarack	30	Pole	7 5	3	Ta	g Alder	High	< 5 feet	Tall Shrub	
	Black Spruce	30	Pole	7 5	3						
	Quaking Aspen	40	Pole/Log	8 5	3						
16	6122 - BI	ack Spruce)	Sapling Po	or	19.6	95	1-50	N/A		Treed bog, black spruce stand.
	Canopy Species	% Cover	Size Class	DBH A	је						
	Black Spruce	100	Sapling/Pol	e 5 9	5						
17	4112 - Maple, Beec	h, Cherry A	Association	Sawtimber \	Vell	9.1	63	81-110	N/A		Mixed sugar maple stand with lower Basal area. Selection harvest done
	Canopy Species	% Cover	Size Class	DBH A	ge S	Sub-Car	nopy Species	Density	Avg. Height	Size	in 1995.
	Beech	15	Log	12 6	3	Е	Beech	High	< 5 feet	Sapling	
	Sugar Maple	50	Log	10 6	3						
	Quaking Aspen	15	Log	10 6	3						
	Black Cherry	20	Log	11 6	3						
18	3102	- Grass		Nonstocke	ed	1.8	ı	Unspecified	No		
19	4130	- Aspen		Sapling W	ell	9.2	24	Unspecified	N/A		Young aspen stand, copice cut in 1999.
	Canopy Species	% Cover	Size Class	DBH A	ge						
	Quaking Aspen	90	Sapling	3 2	4						
	White Spruce	10	Pole/Saplin	g 5 2	4						
20	42360 - U	pland Ceda	ar	Poletimber \	Vell	24.3	70	111-140	N/A		Upland cedar stand with large aspen. Heavy deer yarding.
	Canopy Species	% Cover	Size Class	DBH A	ge S	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Paper Birch	15	Pole	7 7	0	Bal	sam Fir	Medium	5 - 10 feet	Sapling	
No	rthern White Cedar	75	Pole/Log	10 7	0						
	Quaking Aspen	10	Log	14 7	0						
21	6121 - ⁻	Tamarack		Poletimber \		213.8	65	51-80	N/A		Mostly tamarack, but pockets of black spruce with cedar mixed in occasionally.
	Canopy Species	% Cover	Size Class			Sub-Car	nopy Species	Density	Avg. Height	Size	- Cocacionally.
Noi	rthern White Cedar	5	Pole		5	Blac	k Spruce	Low	< 5 feet	Sapling	
	Black Spruce	30	Pole	7 6	5						
	Tamarack	65	Pole	8 6	5						
22	6120 - Lov	wland Ceda		Poletimber \		141.7	109	Unspecified	N/A		Cedar with some black spruce. Heavy signs of deer yarding. Part of the Hulbert-Sage DWC.
	Canopy Species		Size Class								Tulbert-dage DWO.
	Black Spruce	5	Pole)9						
Noi	rthern White Cedar	95	Pole	7 10	9						



		_				_					DNR
Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
23	6229 - Mixed	l lowland sh	nrub	Nonst	ocked	94.3		Unspecified	No		
24	6120 - Lov	wland Ceda	ır	Poletimb	oer Well	21.3	95	141-170	N/A		Cedar stand. Deer yarding not as heavy as adjacent stands.
(Canopy Species	% Cover	Size Class	DBH	H Age						
	Black Spruce	20	Pole	7	95						
Nort	hern White Cedar	80	Pole	6	95						
25	4110 - Sugar M	laple Assoc	ciation	Sawtimb	er Well	6.9	85	171-200	N/A		Northern hardwood stand dominate species is sugar maple.
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	Sugar Maple	95	Log	14	85		Beech	Low	Variable	Sapling	
	Hemlock	5	XLog	18	85						
26	6118 - Lowland De	eciduous w	ith Cedar	Poletimb	er Well	17.5	103	111-140	N/A		Cedar stand with a yellow birch component.
(Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	Red Maple	10	Pole	8		Bla	ck Spruce	Medium	< 5 feet	Sapling	
	Yellow Birch	40	Log/Pole	10	103						-
Nort	hern White Cedar	40	Pole	7	103						
C	Quaking Aspen	10	Log	12	103						
27	429 - Mixed L	Jpland Con	ifers	Sawtimb	er Well	8.5	105	111-140	N/A		Very mature white pine, aspen. Spruce in the understory.
(Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	
	White Pine	40	XLog	19	105	Wh	ite Spruce	Low	5 - 10 feet	Sapling	
C	Quaking Aspen	40	XLog	19	105	Ва	alsam Fir	Low	5 - 10 feet	Sapling	
	White Spruce	20	Pole/Sapling	ig 5	105						
28	6122 - Bl	ack Spruce	P P	oletimbe	r Mediuı	m 76.8	92	81-110	N/A		Black spruce with some tamerack and cedar.
(Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	Black Spruce	60	Pole	8	92	Ва	alsam Fir	Medium	5 - 10 feet	Sapling	
Nort	hern White Cedar	10	Pole/Log	9	92						
	Tamarack	30	Pole	7	92						
29	4191 - Mixed Upla Co	and Deciduo onifer	ous with	Sawtimb	er Well	7.6	72	81-110	N/A		Large super canopy yellow birch, white pine and aspen. Spruce and cedar are common under the massive trees. Sugar maple dominate in
	Canopy Species	% Cover	Size Class	DBH	H Age						pockets.
	White Pine	10	XLog/Log								
	Black Spruce	10	Pole/Sapling	-	72						
C	Quaking Aspen	28	XLog/Log	17	72						
	Sugar Maple	40	Log	13	72						
	Yellow Birch	0	Log	13	72						
	thern White Cedar	10	Pole	6	72						



Stand	7.1		ype Size Der		Acres	Stand Age	BA Range	ge Managed Site		General Comments	
30			etland	Nonstocked	23.1		Unspecified	No			
31	4134 - Aspen, Spruce/Fir			oletimber We	ll 7.8	7.8 34	81-110	N/A		Younger aspen stand with spruce mixed in. Typical spruce aspen stand .	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
	White Spruce	30	Pole	6 34	Ir	ronwood	Medium	5 - 10 feet	Sapling		
(Quaking Aspen	70	Pole/Sap/Log	7 34			1				
32	6120 - Lov	wland Ceda	r Po	oletimber We	ll 48.6	113	141-170	N/A		Cedar swamp with deer yarding under cedar trees.	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
	White Pine	30	XLog	19 113	T	ag Alder	Low	< 5 feet	Tall Shrub		
Nor	thern White Cedar	60	Pole/Log	9 113			- '		1		
	Black Spruce	10	Pole/Sapling	6 113							
33	6120 - Lowland Cedar Poletimber Well					82.6 120 111-140		N/A	Ceder stand, definition of a deer yard.		
	Canopy Species	% Cover	Size Class	DBH Age							
Nor	thern White Cedar	80	Pole/Log	11 120							
	Black Spruce	10	Pole/Sapling	5 120							
	Yellow Birch	10	Pole	6 120							
34	6239 - Mixed E	mergent W	etland	Nonstocked	2.5		Unspecified	No			
35	500 - Water Nonstoc		Nonstocked	2.5	2.5 Unsp		No	10			
36	42390 - Mixed Non-	Pine Uplan	d Conifers Po	oletimber Poo	or 10.9	62	81-110	N/A		Mix of upland cedar with hemlock and paper birch.	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
	Hemlock	35	Log	13 62		Beech	Low	5 - 10 feet	Sapling		
Nor	thern White Cedar	40	Log/Pole	10 62							
	Paper Birch	20	Pole	6 62							
	Red Maple	5	Pole/Log	9 62							
37	629 - Mixed nor	n-forested w	etland	Nonstocked	2.0		Unspecified	No			