DNR MICHIGAN

Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52129 Entry Year 2024 Acreage: 2,247

County Emmet

Management Area: Chandler Hills

Stand Examiner: Shannon Harig

Legal Description:

T34N-R04W, Sections 1,13,15,22,23,24

Identified Planning Goals:

To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan.

Soil and topography:

The topography in this compartment is mostly rolling though quite steep in parts of section 15. Most of this compartment is comprised of Blue Lake - Leelanau Association soils.

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

There is some residential development in the area, mostly larger parcels. This compartment gets a lot of use from hunters and mushroom pickers as well as motorized recreation on the ORV trail and snowmobile trail.

Unique Natural Features:

Potential for goshawk and RSH

Archeological, Historical, and Cultural Features:

None.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

There are no waterbodies in this compartment, so NLHMU has no concerns.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Multiple active and former sand/gravel pits exist within two miles, and there is good potential for sand & gravel within the compartment. There is no known potential for economic oil & gas production beneath the compartment. Encana, and subsequently Marathon, leased State mineral rights in this area from 2009 to 2014 as part of their interest in testing the Collingwood Formation. No testing was completed in this area, and while some production from the Collingwood did occur elsewhere, neither Encana nor Marathon demonstrated the Collingwood to be a commercial success, and there is currently no interest in further development at this time. There is no known potential for metallic minerals in this part of the state.

Vehicle Access:

Good access to this compartment.

Survey Needs:

None

Recreational Facilities and Opportunities:

ORV and Snowmobile Trail.

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

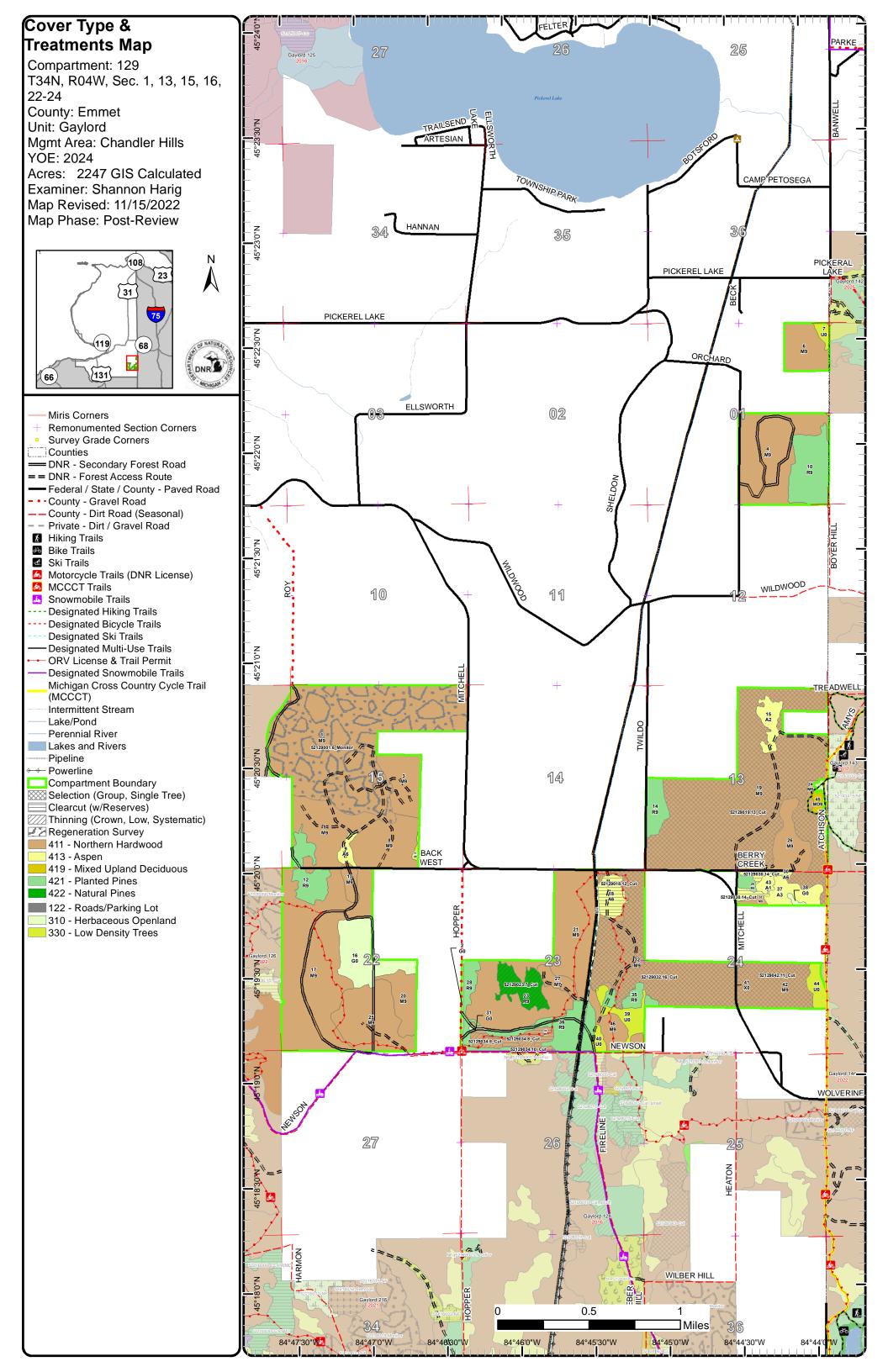
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

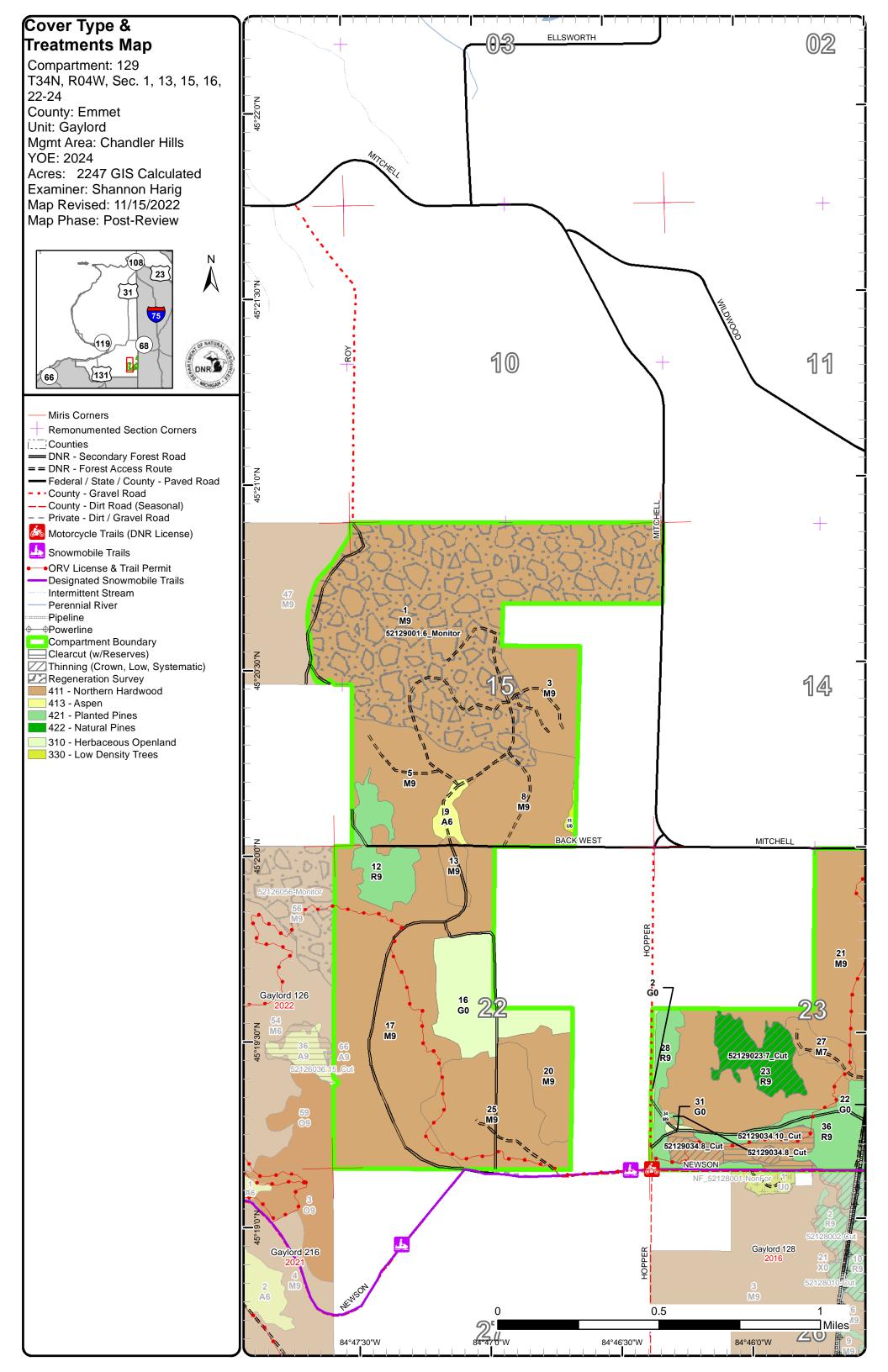
The following information is displayed, where pertinent, on the attached compartment maps:

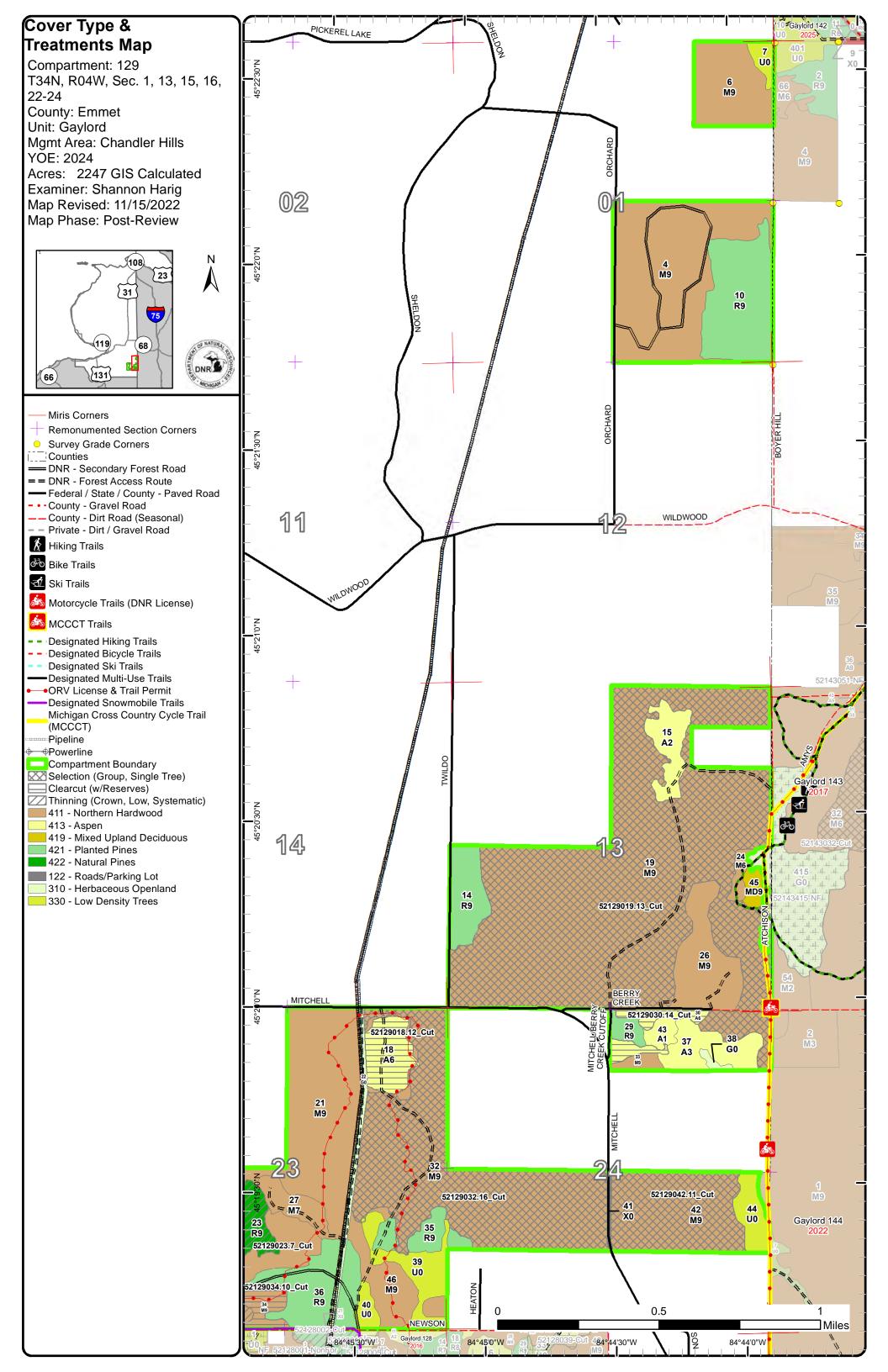
Base feature information, stand boundaries, cover types, and numbers Proposed treatments

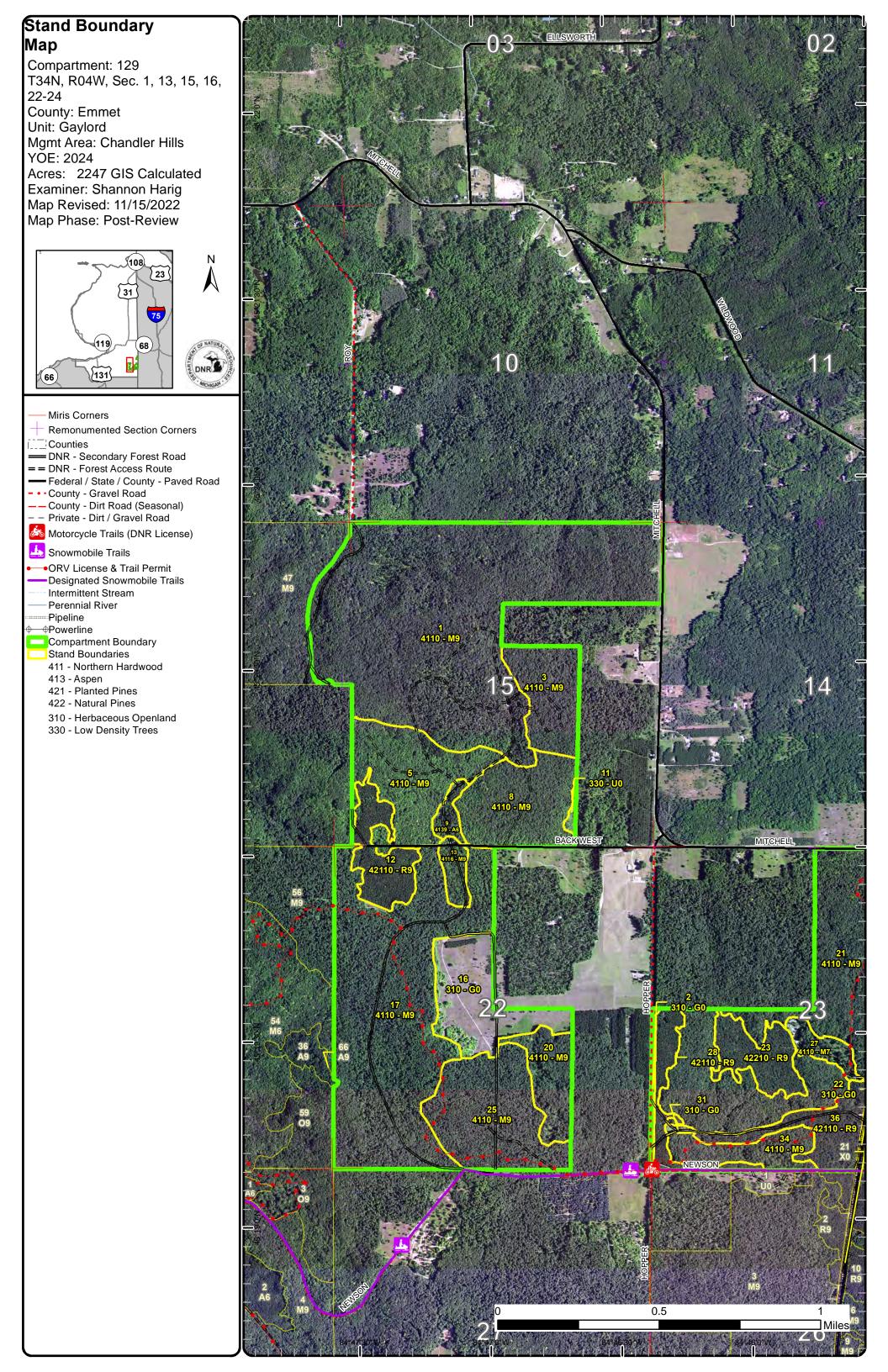
Site condition boundaries

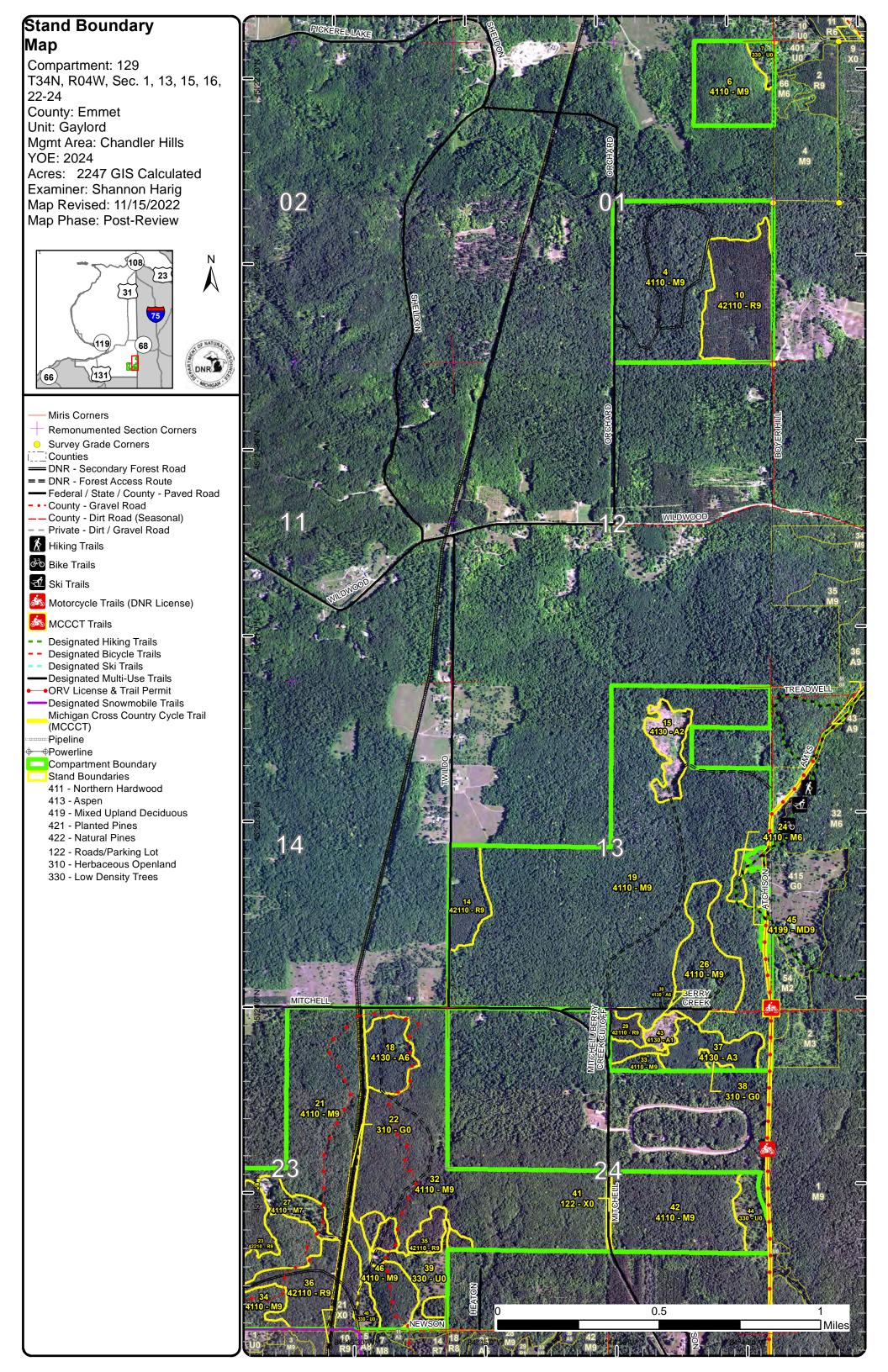
Details on the road access system

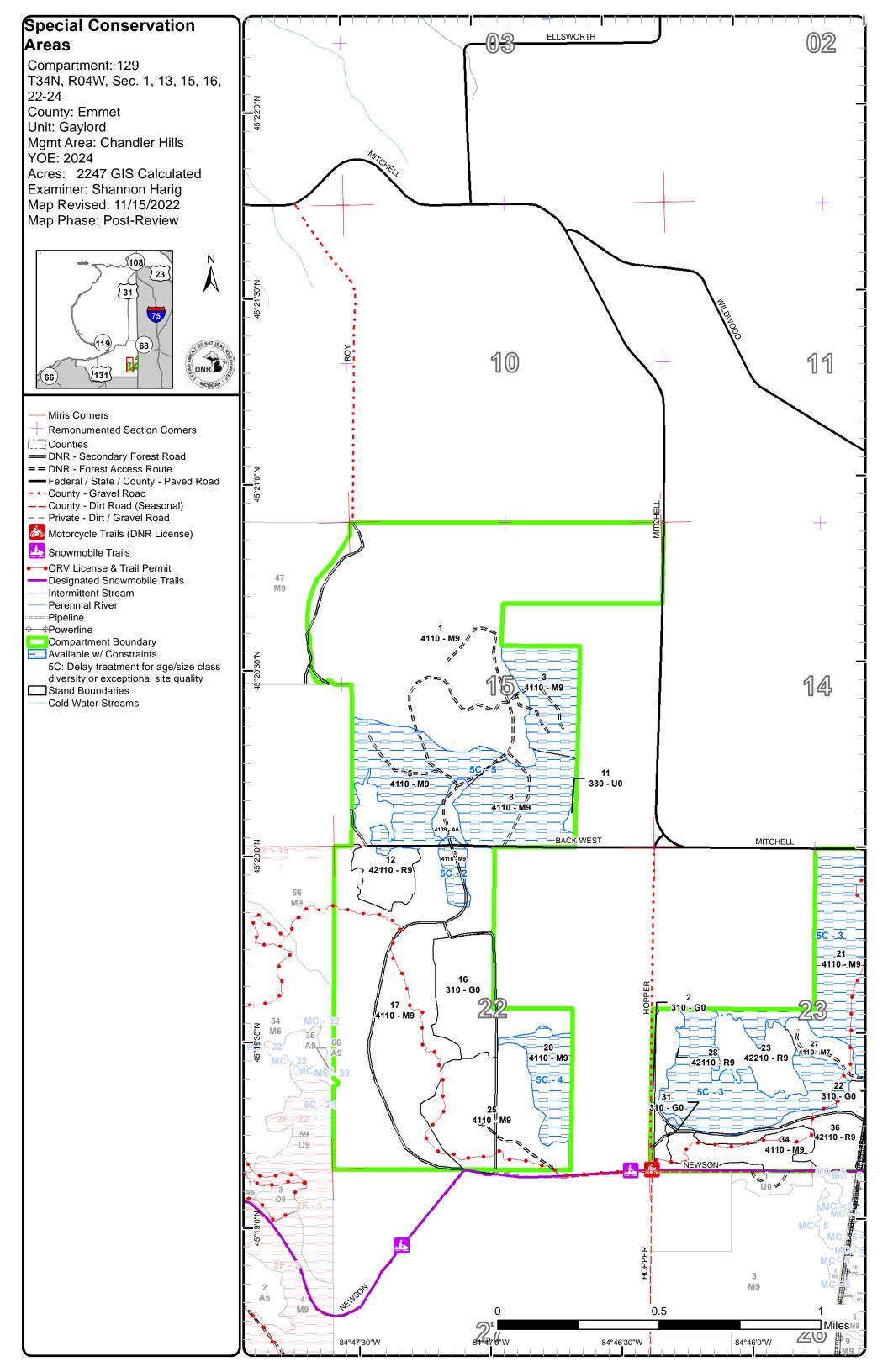


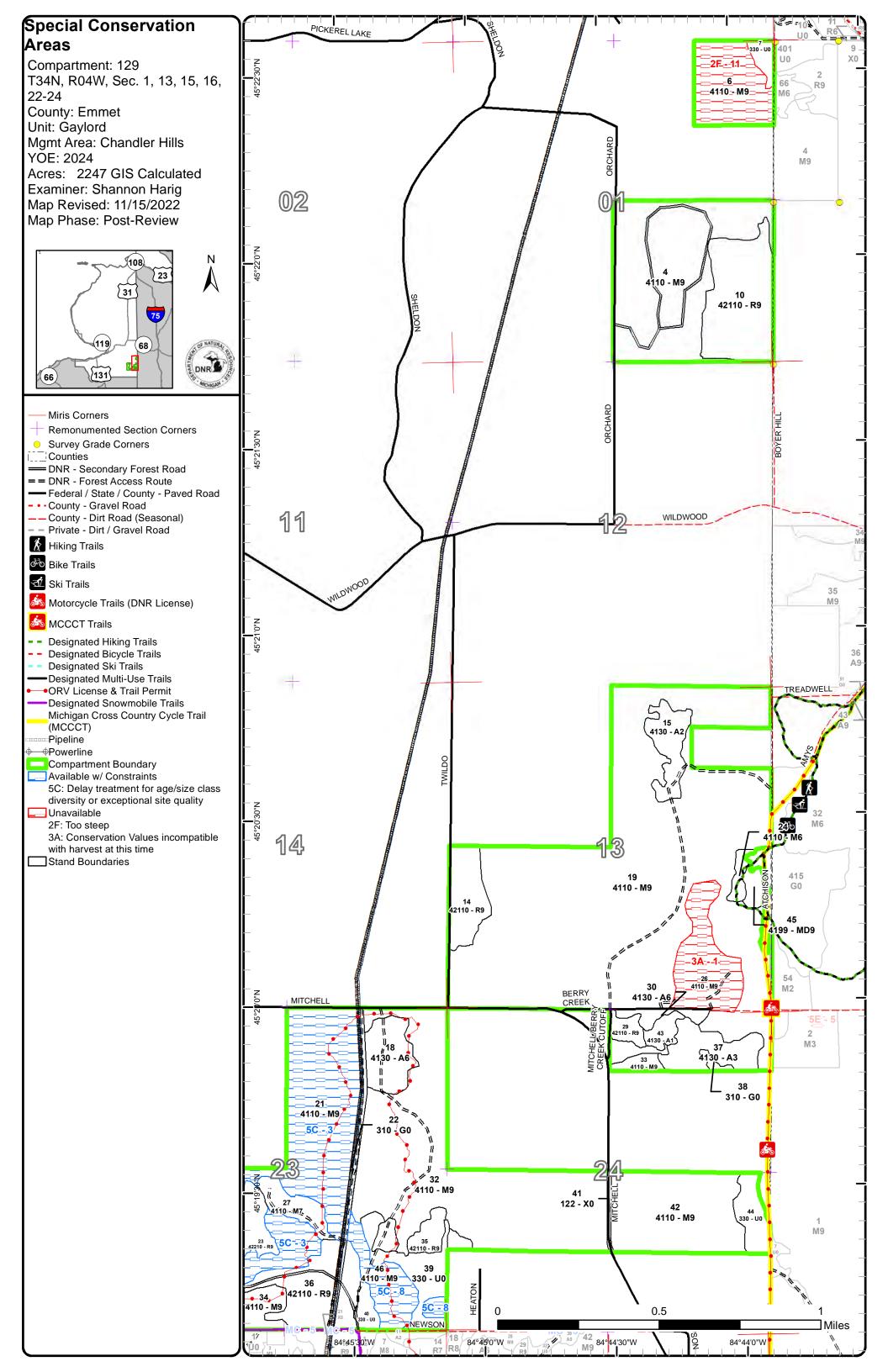












Gaylord Mgt. Unit

Compartment 129 Year of Entry 2024

Shannon Harig: Examiner



Age Class

| | Arge. | KON C | § / § | S. S. | S. S. | 3/6 | | 3/8 | \$ / ₈ | R. S | | S Ligh | 702 B | Ø /& | \$\\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | 2 / § | | | A LOS | _ |
|------------------------|-------|-------|-------|-------|-------|-----|----|-----|-------------------|------|-----|--------|-------|------|---|-------|---|---|-------|---|
| Aspen | 0 | 22 | 0 | 21 | 7 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | |
| Herbaceous Openland | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | |
| Low-Density Trees | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | |
| Mixed Upland Deciduous | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | |
| Northern Hardwood | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 231 | 236 | 1271 | 0 | 57 | 0 | 0 | 0 | 4 | 1835 | |
| Red Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 209 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 209 | |
| Urban | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| Total | 119 | 22 | 0 | 21 | 7 | 0 | 30 | 209 | 37 | 231 | 236 | 1271 | 0 | 57 | 0 | 0 | 0 | 9 | 2248 | |



Report 2 – Treatment Summary

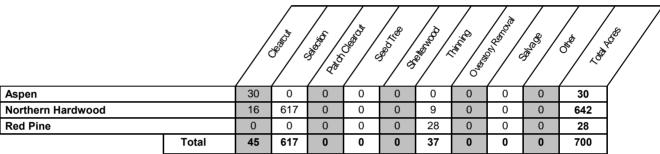
Gaylord Mgt. Unit Year of Entry: 2024

Acres of Harvest

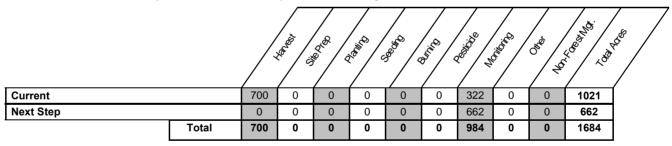
Compartment 129
Total Compartment Acres: 2,247

Commercial Harvest - 700
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Gaylord Mgt. Unit

Report 3 -- Treatments

Compartment: 129 Year of Entry: 2024

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Treatment Name

Stand Acres CoverType

Size Density

Stand BA Age Range **Treatment** Type

Treatment Method

Cover Type Objective

Age Structure Habitat Cut

Approved Treatments:

52129001.6 M 321.7 4110 - Sugar Maple Sawtimber 103 81-110 Monitoring Natural Regen 411 - Northern Even-Aged No Well onitor Association (Re-Inventory) Hardwood

Prescription Monitor regeneration.

Specs:

Next Step Treatments:

Acceptable Minimum stocking of northern hardwoods not dominated by beech.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2031

Poletimber 56 81-110 Clearcut with 52129018.12 19.3 4130 - Aspen Harvest 413 - Aspen Even-Aged No Cut Well Retention

Prescription Cut all trees 2"DBH and greater. Standard retention. Take care to protect the motorcycle trail during harvest. Include recreational trail spec in timber sale. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2023

52129019.13_ 386.3 4110 - Sugar Maple Sawtimber 105 111-Harvest Single Tree 411 - Northern Even-Aged No Association Selection Hardwood Cut

Prescription Create one canopy gap of 100'-150' diameter per 5 acres. Mark stand to reduce the BA between gaps to approximately 70 sq. ft. using single tree selection. Release advanced regeneration with canopy gaps where applicable. Favor under-represented species to maintain diversity in Specs: the stand. Include sale spec that requires logger to tip some trees over at an angle to improve American Martin habitat. Staff will likely have to mark the trees to tip s well as the tree for the tipped tree to rest against. Consult wildlife biologist prior to marking for exact marking specs and tip over density. Include trail protection specs in sale proposal.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of northern hardwoods.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2023

| S t | Gaylord | l Mgt. Unit | F | Repoi | rt 3 ⁻ | Treatments | | Compartmen Year of Entry | , | DNR DNR |
|---------------------------------|-------------------|----------------------------------|--------------------|--------------|-------------------|-------------------|--------------------------|-----------------------------|------------------|---------------|
| a n Treatment d Name | Acres | Stand CoverType | Size S Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habita Cut |
| 23 52129023.7_C ut | 28.0 | 42210 - Natural Red Pine | Sawtimber Well | 65 | 171- 200 | Harvest | Crown Thinning | 4211 - Planted Red Pine | Even-Aged | No |
| Prescription Thin st Specs: | and to 120 | BA. | | | | | | | | |
| Next Step Treatments: | | | | | | | | | | |
| Acceptable Regen: | | | | | | | | | | |
| <u>Other</u> Comment: | | | | | | | | | | |
| Site Condition | | | | | | | | | | |
| Proposed Start Date | <u>:</u> 10/1 /20 | 23 | | | | | | | | |
| 30 52129030.14_ Cut | 10.2 | 4130 - Aspen | Poletimber Well | 54 | 141- 170 | Harvest | Clearcut | 413 - Aspen | Even-Aged | No |
| Prescription Harves Specs: | t all trees 2 | 2"DBH and greater. | | | | | | | | |
| Next Step Monito Treatments: | ring, Natur | al Regen (Re-Inver | ntory) | | | | | | | |
| Acceptable Minimu Regen: | ım stockinç | g of aspen. | | | | | | | | |
| <u>Other</u> Comment: | | | | | | | | | | |
| Site Condition | | | | | | | | | | |
| Proposed Start Date | <u>:</u> 10/1 /20 | 23 | | | | | | | | |
| 32 52129032.16_ Cut | 167.1 4 | 110 - Sugar Maple Association | Sawtimber Well | 84 | 111- 140 | Harvest | Single Tree Selection | 4110 - Sugar Maple | Uneven- Aged | No |

refer to BBD and EAB guidelines when marking. Protect integrity of single track motorcycle trail during logging operations, re-route if necessary.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Medium to well stocked Sugar Maple, Basswood, Red Maple, Beech and ash regen in the canopy gaps will be acceptable.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2015

Compartment: 129 Year of Entry: 2024

| t | | | | | | | | | | rear or Entry | ,. 2024 | DNR |
|--------------|---------------------|----------|---------------------------|---------------------------------|---------------------------|--------------|--------------------------|----------------------------------|---|----------------------------|------------------|---------------|
| a n d | Treatmer Name | nt | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habita Cut |
| 34 | 52129034 Cut | .10_ | 15.8 41 | 10 - Sugar Maple Association | Sawtimbe Well | er 87 | 111- 140 | Harvest | Clearcut with Retention | 411 - Northern Hardwood | Even-Aged | No |
| Pres Spec | | ıt all s | species to 2 | 2" DBH. Standard | retention. | Include | recreation | nal trail spec in | timber sale. | | | |
| | Step Metments: | onitor | ing, Natura | l Regen (Re-Inven | itory) | | | | | | | |
| Acce Rege | • | nimuı | n stocking | of northern hardwe | oods. | | | | | | | |
| Othe Com | e <u>r</u> ment: | | | | | | | | | | | |
| Site | Condition | | | | | | | | | | | |
| Prop | osed Start | Date: | 10/1 /202 | 3 | | | | | | | | |
| 34 | 52129034 ut | 8_C | 9.4 41 | 10 - Sugar Maple Association | Sawtimbe Well | er 87 | 111- 140 | Harvest | Crown Thinning | 411 - Northern Hardwood | Even-Aged | No |
| Pres Spec | | in sta | ind to a res | idual BA of 80. Fa | vor underr | epreser | nted speci | es for diversity | . Include recreation | al trail spec in tim | ber sale. | |
| | Step tments: | | | | | | | | | | | |
| Acce Rege | eptable en: | | | | | | | | | | | |
| Othe Com | <u>er</u> ment: | | | | | | | | | | | |
| Site | Condition | | | | | | | | | | | |
| Prop | osed Start | Date: | 10/1 /202 | 3 | | | | | | | | |
| 42 | 52129042 Cut | .11_ | 63.5 41 | 10 - Sugar Maple Association | Sawtimbe Well | er 99 | 111- 140 | Harvest | Single Tree Selection | 411 - Northern Hardwood | Even-Aged | No |
| Pres Spec | cs: Fo | cus n | narking on er at an ar | larger diameter tre | ees. Cleard nerican Ma | cut the a | spen in S itat. Staff | W corner of the will likely have | under-represented s e stand. Include sale to mark the trees to and tip over density. | spec that require | es logger to tip | some |
| | Step Meters: | onitor | ing, Natura | l Regen (Re-Inven | itory) | | | | | | | |
| Acce Rege | | nimuı | n stocking | of northern hardw | oods. | | | | | | | |
| Othe Com | er ment: | | | | | | | | | | | |
| Site | Condition | | | | | | | | | | | |

Total Treatment Acreage Proposed: 1021.3

Proposed Start Date: 10/1 /2023

Compartment: 129

Gaylord Mgt. Unit

Shannon Harig: Examiner Year of Entry: 2024

| Availa | ability for | Managemei | nt | | | | | |
|--------|-------------|----------------|---------------|------------------------|--------|--------|--------|---------|
| Total | Acres | Acres Avail | Acres | | Domina | nt Sit | e Cond | ditions |
| Acres | Available | With Condition | Not Available | | 5C | 2F | 3A | |
| 79 | 79 | 0 | 0 | Aspen | | | | 1 |
| 72 | 72 | 0 | 0 | Herbaceous Openland | | | | |
| 46 | 46 | 0 | 0 | Low-Density Trees | | | | |
| 5 | 5 | 0 | 0 | Mixed Upland Deciduous | | | | |
| 1834 | 1379 | 384 | 71 | Northern Hardwood | 384 | 36 | 35 | |
| 209 | 209 | 0 | 0 | Red Pine | | | | |
| 2 | 2 | 0 | 0 | Urban | | | | |
| 2,247 | 1,792 | 384 | 71 | Total Forested Acres | 384 | 36 | 35 | |
| | 80% | 17% | 3% | 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 | 35 | 2F: Too steep | Unspecified | Unspecified | Unspecified |
| | Comments: | | | | | | |
| | A bunch of potholes | s, several holding water. | | | | | |
| 2 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 10 | Unspecified | Unspecified | Unspecified | Unspecified |
| | Comments: Surrounding stands the hardwood harve | were harvested last entry. The | ere will b | e a significant amount of h | nardwood thinning in this co | ompartment. This stand is | being left to help baland |
| 3 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 163 | Unspecified | Unspecified | Unspecified | Unspecified |

Stand not being harvested to maintain acres with closed canopy for American Martin. Adjacent stands have been recently harvested and canopy is open. When adjacent canopy has sufficiently filled in, these stands will be available for harvest.

Report 4 - Site Conditions

Gaylord Mgt. Unit

Compartment: 129 Year of Entry: 2024 **Shannon Harig: Examiner**

| 4 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 28 | Unspecified | Unspecified | Unspecified | Unspecified |
|----|--------------------------------|--|------------|------------------------|-----------------------------|----------------------------|-----------------------------|
| S | | arvested to maintain acres with c as sufficiently filled in, these star | | | n. Adjacent stands have be | en recently harvested and | canopy is open. When |
| 5 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 161 | Unspecified | Unspecified | Unspecified | Unspecified |
| S | | rvested to maintain acres with cases sufficiently filled in, these star | | | n. Adjacent stands have be | en recently harvested and | canopy is open. When |
| 8 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 23 | Unspecified | Unspecified | Unspecified | Unspecified |
| C | Comments: | | | | | | |
| 11 | Unavailable | 2F: Too steep | 37 | Unspecified | Unspecified | Unspecified | Unspecified |
| | Comments: Approximately 700 | acres of the hardwood acreage | in this co | mpartment was harveste | ed last entry and roughly 4 | 70 acres will be harvested | this entry. This will leave |

approximately 500 acres of hardwood to be harvested next entry. This stand is also steep and has poor access.

11/15/2022 1:25:26 PM - Page 2 of 2 **SWARTZN3** Mgt. Unit

Compartment: #Type! Year of Entry:



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

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

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

Mgt. Unit

Compartment: Year of Entry



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 Conservation **Type Description** SCA = Special Conservation Area Area



| | Level 4 C | over Type | | Size Dens | ity | Acres Stand Ac | Je BA Range | Managed S | ite | General Comments |
|---|---|---|---|---|-------------|--|---|--|--|--|
| 1 | 4110 - Sugar N | Maple Asso | ciation S | Sawtimber | Well | 321.7 103 | 81-110 | N/A | | Good quality stand. |
| | Canopy Species | % Cover | Size Class | DBH A | \ge | Sub-Canopy Spe | cies Density | Avg. Height | Size | |
| | Sugar Maple | 80 | Log/Pole | 10 1 | 03 | Beech | Low | Variable | Sapling | |
| | Basswood | 20 | Log | 12 | | | | | | |
| 2 | 310 - Herbac | ceous Oper | nland | Nonstock | ed | 3.5 0 | | No | | Power line ROW and road. |
| 3 | 4110 - Sugar N | Maple Asso | ciation S | Sawtimber | Well | 39.0 108 | 141-170 | N/A | | This stand contains a lot of large diameter trees, most are good quality |
| | Canopy Species | % Cover | Size Class | DBH A | \ge | Sub-Canopy Spe | cies Density | Avg. Height | Size | |
| | Beech | 4 | Log/XLog | 15 | | Sugar Maple | Low | Variable | Sapling | |
| | Basswood | 12 | XLog/Log | 20 | | Ironwood | Medium | Variable | Sapling | |
| | Sugar Maple | 84 | Log/Pole/XLog | g 15 1 | 08 | | 1 | 1 | 1 | |
| 4 | 4110 - Sugar N | Maple Asso | ciation S | Sawtimber | Well | 107.9 105 | 81-110 | N/A | | Good quality sawlogs. Some good ash and maple regen in gaps. Beer |
| | Canopy Species | % Cover | Size Class | DBH A | \ge | Sub-Canopy Spe | cies Density | Avg. Height | Size | is mostly dead and dying. |
| | Basswood | 10 | Log | 14 | | White Ash | Medium | 5 - 10 feet | Sapling | |
| | Beech | 2 | XLog/Log/Pole | e 18 | | Ironwood | Low | Variable | Sapling | |
| | Deecii | | ALOG/LOG/T ON | | | Honwood | LOW | Variable | Capiling | |
| | Sugar Maple | 88 | Log | | 05 | Sugar Maple | Medium | < 5 feet | Sapling | |
| | | | | | 05 | | | | - | |
| 5 | | 88 | Log | | | Sugar Maple | Medium | < 5 feet | Sapling | Rolling, smaller diameters. Some nice large Red Oak. Fair quality ster |
| 5 | Sugar Maple | 88 Maple Asso | Log | 14 1 | Well | Sugar Maple Beech | Medium Low | < 5 feet Variable | Sapling | Rolling, smaller diameters. Some nice large Red Oak. Fair quality ster |
| 5 | Sugar Maple 4110 - Sugar M | 88 Maple Asso | Log ciation S | 14 1 | Well | Sugar Maple Beech 64.7 108 | Medium Low | < 5 feet Variable | Sapling Sapling | Rolling, smaller diameters. Some nice large Red Oak. Fair quality ster |
| 5 | Sugar Maple 4110 - Sugar M Canopy Species | Maple Asso | Log ciation S | 14 1 Sawtimber | Well | Sugar Maple Beech 64.7 108 Sub-Canopy Specific | Medium Low 111-140 cies Density | < 5 feet Variable N/A Avg. Height | Sapling Sapling | Rolling, smaller diameters. Some nice large Red Oak. Fair quality ster |
| 5 | Sugar Maple 4110 - Sugar M Canopy Species Ironwood | Maple Asso **Cover* 8 | Log ciation S Size Class Pole | 14 1 Sawtimber DBH A | Well | Sugar Maple Beech 64.7 108 Sub-Canopy Sperity Striped Maple | Medium Low 111-140 cies Density Low | < 5 feet Variable N/A Avg. Height Variable | Sapling Sapling Size Sapling | Rolling, smaller diameters. Some nice large Red Oak. Fair quality ster |
| 5 | Sugar Maple 4110 - Sugar M Canopy Species Ironwood Beech | Maple Asso **Cover* 8 2 | Log ciation S Size Class Pole Log/Pole | Sawtimber DBH A 8 10 | Well | Sugar Maple Beech 64.7 108 Sub-Canopy Sperity Striped Maple Ironwood | Medium Low 111-140 cies Density Low High | < 5 feet Variable N/A Avg. Height Variable Variable | Sapling Sapling Size Sapling Sapling | Rolling, smaller diameters. Some nice large Red Oak. Fair quality ster |
| 5 | Sugar Maple 4110 - Sugar M Canopy Species Ironwood Beech Basswood | Maple Asso **Cover* 8 2 13 | ciation S Size Class Pole Log/Pole Log | 14 1 Sawtimber DBH A 8 10 12 | Well | Sugar Maple Beech 64.7 108 Sub-Canopy Sperity Striped Maple Ironwood | Medium Low 111-140 cies Density Low High | < 5 feet Variable N/A Avg. Height Variable Variable | Sapling Sapling Size Sapling Sapling | Rolling, smaller diameters. Some nice large Red Oak. Fair quality ste |
| 5 | Sugar Maple 4110 - Sugar M Canopy Species Ironwood Beech Basswood Red Oak | Maple Asso **Cover* 8 | ciation S Size Class Pole Log/Pole Log Log/Pole | 14 1 Sawtimber DBH A 8 10 12 13 12 | Well | Sugar Maple Beech 64.7 108 Sub-Canopy Sperity Striped Maple Ironwood | Medium Low 111-140 cies Density Low High | < 5 feet Variable N/A Avg. Height Variable Variable | Sapling Sapling Size Sapling Sapling | Rolling, smaller diameters. Some nice large Red Oak. Fair quality ster |
| 5 | Sugar Maple 4110 - Sugar M Canopy Species Ironwood Beech Basswood Red Oak Bigtooth Aspen | 88 Maple Asso % Cover 8 2 13 5 2 70 | Log ciation S Size Class Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole | 14 1 Sawtimber DBH A 8 10 12 13 12 | Well Age 08 | Sugar Maple Beech 64.7 108 Sub-Canopy Sperity Striped Maple Ironwood | Medium Low 111-140 cies Density Low High | < 5 feet Variable N/A Avg. Height Variable Variable | Sapling Sapling Size Sapling Sapling | Decent quality, good sugar maple regen in some areas. Steep, mostly |
| | Sugar Maple 4110 - Sugar M Canopy Species Ironwood Beech Basswood Red Oak Bigtooth Aspen Sugar Maple | Maple Asso **Cover* 8 2 13 5 2 70 Maple Asso | Log ciation S Size Class Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole | 14 1 Sawtimber DBH A 8 10 12 13 12 13 1 | Well 08 | Sugar Maple Beech 64.7 108 Sub-Canopy Specific Striped Maple Ironwood Beech | Medium Low 111-140 cies Density Low High Low 111-140 | < 5 feet Variable N/A Avg. Height Variable Variable Variable | Sapling Sapling Size Sapling Sapling | |
| | Sugar Maple 4110 - Sugar M Canopy Species Ironwood Beech Basswood Red Oak Bigtooth Aspen Sugar Maple 4110 - Sugar M | Maple Asso **Cover* 8 2 13 5 2 70 Maple Asso | Log ciation S Size Class Pole Log/Pole Log Log/Pole Log/Pole Log/Pole ciation S | 14 1 Sawtimber DBH A 8 10 12 13 12 13 1 Sawtimber | Well 08 | Sugar Maple Beech 64.7 108 Sub-Canopy Sper Striped Maple Ironwood Beech | Medium Low 111-140 cies Density Low High Low 111-140 | < 5 feet Variable N/A Avg. Height Variable Variable Variable Variable | Sapling Sapling Size Sapling Sapling Sapling | Decent quality, good sugar maple regen in some areas. Steep, mostly |
| | Sugar Maple 4110 - Sugar M Canopy Species Ironwood Beech Basswood Red Oak Bigtooth Aspen Sugar Maple 4110 - Sugar M Canopy Species | Maple Asso **Cover* 8 2 13 5 2 70 Maple Asso **Cover* | ciation S Size Class Pole Log/Pole Log Log/Pole Log/Pole Log/Pole Cog/Pole Cog/Pole Cog/Pole Cog/Pole Cog/Pole Cog/Pole | 14 1 Sawtimber DBH A 8 10 12 13 12 13 1 Sawtimber DBH A | Well 08 | Sugar Maple Beech 64.7 108 Sub-Canopy Sperit Maple Ironwood Beech 36.5 78 Sub-Canopy Sperit Maple | Medium Low 111-140 cies Density High Low 111-140 cies Density | < 5 feet Variable N/A Avg. Height Variable Variable Variable Variable Avg. Height | Sapling Sapling Size Sapling Sapling Sapling Sapling | Decent quality, good sugar maple regen in some areas. Steep, mostly |
| | Sugar Maple 4110 - Sugar M Canopy Species Ironwood Beech Basswood Red Oak Bigtooth Aspen Sugar Maple 4110 - Sugar M Canopy Species Beech | Maple Asso **Cover* 8 | ciation S Size Class Pole Log/Pole Log/Pole Log/Pole Log/Pole Ciation S Size Class Log/XLog | 14 1 Sawtimber DBH A 8 10 12 13 12 13 1 Sawtimber DBH A 16 | Well 08 | Sugar Maple Beech 64.7 108 Sub-Canopy Sperition Wood Beech 36.5 78 Sub-Canopy Sperition Sper | Medium Low 111-140 cies Density Low High Low 111-140 cies Density Low | < 5 feet Variable N/A Avg. Height Variable Variable Variable Variable Avg. Height Variable | Sapling Size Sapling Sapling Sapling Sapling Sapling | Decent quality, good sugar maple regen in some areas. Steep, mostly |
| | Sugar Maple 4110 - Sugar M Canopy Species Ironwood Beech Basswood Red Oak Bigtooth Aspen Sugar Maple 4110 - Sugar M Canopy Species Beech Bigtooth Aspen | Maple Asso **Cover* 8 | Log ciation S Size Class Pole Log/Pole Log/Pole Log/Pole Log/Pole Ciation S Size Class Log/XLog Log/Pole | 14 1 Sawtimber DBH A 8 10 12 13 12 13 1 Sawtimber DBH A 16 12 12 12 | Well 08 | Sugar Maple Beech 64.7 108 Sub-Canopy Sperition Wood Beech 36.5 78 Sub-Canopy Sperition Sper | Medium Low 111-140 cies Density Low High Low 111-140 cies Density Low | < 5 feet Variable N/A Avg. Height Variable Variable Variable Variable Avg. Height Variable | Sapling Size Sapling Sapling Sapling Sapling Sapling | Decent quality, good sugar maple regen in some areas. Steep, mostly |



| Stand | d Level 4 C | 71 | | | | | | | | | |
|-------|---|--|---|----------------------------|--|---|---|--|--|--|---|
| 8 | 4110 - Sugar N | Maple Asso | ciation S | | er Well | 57.0 | 129 | 111-140 | N/A | | Good quality stems. |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | Basswood | 20 | Log/Pole | 11 | | I | Beech | Medium | 5 - 10 feet | Sapling | |
| | Sugar Maple | 78 | Log/Pole/XLog | 14 | 129 | Ire | onwood | Medium | Variable | Sapling | |
| | Beech | 2 | XLog/Log | 18 | | | | | | | |
| 9 | 4139 - Aspen, | Mixed Deci | duous P | oletimb | er Well | 7.1 | 39 | 81-110 | N/A | | |
| | Canopy Species | % Cover | Size Class | DBH | l Age | | | | | | |
| | Ironwood | 3 | Sapling/Pole | 4 | 39 | | | | | | |
| | Black Cherry | 5 | Pole/Sapling | 6 | 39 | | | | | | |
| | Red Maple | 14 | Pole/Sapling | 6 | 39 | | | | | | |
| | White Pine | 5 | Pole/Sapling | 6 | 39 | | | | | | |
| | Sugar Maple | 28 | Pole/Sapling | 6 | 39 | | | | | | |
| | Quaking Aspen | 45 | Pole/Sapling | 7 | 39 | | | | | | |
| 10 | 42110 - Pla | nted Red P | ine S | | er Well | 50.5 | 68 | 141-170 | N/A | | |
| | Canopy Species | % Cover | Size Class | DRI | | | | Density | Avg. Height | Size | |
| | Carlopy Opecies | 70 COVE | Oize Olass | וטטו | l Age | Sub-Ca | nopy Species | Delisity | Avg. Height | 3126 | |
| | Red Pine | 100 | Log | 12 | | | nopy Species Beech | Low | Variable Variable | Sapling | |
| | | | | | | I | | | | | |
| | | | | | | Sug | Beech | Low | Variable | Sapling | |
| 11 | Red Pine | | Log | | 68 | Sug | Beech gar Maple | Low Trace | Variable Variable | Sapling Sapling | |
| 11 | Red Pine | 100 Density Tre | Log | Nonsto | 68 ocked er Well | Sug Iro | Beech gar Maple onwood | Low Trace | Variable Variable Variable | Sapling Sapling | |
| | Red Pine 330 - Low-l | Density Tre | Log | Nonsto | 68 | 2.0 30.3 | Beech gar Maple onwood | Low Trace Low | Variable Variable Variable No | Sapling Sapling Sapling Sapling | |
| | 330 - Low-l | Density Tre | Log es ine S | Nonsto | 68 ocked er Well Age | 2.0 30.3 Sub-Ca | Beech gar Maple onwood | Low Trace Low | Variable Variable Variable No | Sapling Sapling Sapling | |
| | Red Pine 330 - Low-l 42110 - Pla Canopy Species | Density Tre | es ine S | Nonstonawtimb | 68 ocked er Well Age | 2.0 30.3 Sub-Ca | Beech gar Maple onwood 65 nopy Species | Low Trace Low 141-170 Density | Variable Variable Variable No N/A Avg. Height | Sapling Sapling Sapling Sapling | |
| | Red Pine 330 - Low-l 42110 - Pla Canopy Species | Density Tre nted Red P % Cover 100 Hardwood | es ine S. Size Class Log/Pole - Aspen S. | Nonstone DBH 11 | er Well 65 | 2.0 30.3 Sub-Ca Sug | Beech gar Maple onwood 65 nopy Species Beech gar Maple 90 | Low Trace Low 141-170 Density High | Variable Variable Variable No N/A Avg. Height < 5 feet < 5 feet N/A | Sapling Sapling Sapling Sapling | The soils in this stand are not as well drained as in the adjacent stand. A |
| 12 | Red Pine 330 - Low-l 42110 - Pla Canopy Species Red Pine | Density Tre nted Red P % Cover 100 Hardwood | es ine S. Size Class Log/Pole - Aspen S. Size Class | Nonstone DBH 11 | 68 ocked er Well Age 65 | 2.0 30.3 Sub-Ca Sug | Beech gar Maple onwood 65 nopy Species Beech gar Maple | Low Trace Low 141-170 Density High Low | Variable Variable Variable No N/A Avg. Height < 5 feet < 5 feet | Sapling Sapling Sapling Sapling | The soils in this stand are not as well drained as in the adjacent stand. A lot of hemlock present. |
| 12 | Red Pine 330 - Low-I 42110 - Pla Canopy Species Red Pine 4116 - Mixed N. | Density Tre nted Red P % Cover 100 Hardwood | es ine S. Size Class Log/Pole - Aspen S. | Nonstone DBH 11 | er Well 65 | 2.0 30.3 Sub-Ca Sug 9.5 Sub-Ca | Beech gar Maple onwood 65 nopy Species Beech gar Maple 90 | Low Trace Low 141-170 Density High Low 141-170 | Variable Variable Variable No N/A Avg. Height < 5 feet < 5 feet N/A | Sapling Sapling Sapling Size Sapling Sapling | |
| 12 | Red Pine 330 - Low-l 42110 - Pla Canopy Species Red Pine 4116 - Mixed N. Canopy Species | Density Tre nted Red P % Cover 100 Hardwood % Cover | es ine S. Size Class Log/Pole - Aspen S. Size Class | Nonsto | er Well 65 | 2.0 30.3 Sub-Ca Sug 9.5 Sub-Ca | Beech gar Maple onwood 65 nopy Species Beech gar Maple 90 nopy Species | Low Trace Low 141-170 Density High Low 141-170 Density | Variable Variable Variable No N/A Avg. Height < 5 feet < 5 feet N/A Avg. Height | Sapling Sapling Sapling Size Sapling Sapling Size | |
| 12 | Red Pine 330 - Low-l 42110 - Pla Canopy Species Red Pine 4116 - Mixed N. Canopy Species Quaking Aspen | Density Tre nted Red P % Cover 100 Hardwood % Cover 20 | es ine Size Class Log/Pole - Aspen Size Class Log/Pole | Nonsto | er Well 65 | 2.0 30.3 Sub-Ca Sug 9.5 Sub-Ca | Beech gar Maple onwood 65 nopy Species Beech gar Maple 90 nopy Species emlock | Low Trace Low 141-170 Density High Low 141-170 Density High | Variable Variable Variable No N/A Avg. Height < 5 feet < 5 feet N/A Avg. Height > 20 feet | Sapling Sapling Sapling Size Sapling Sapling Size Pole | |
| 12 | Red Pine 330 - Low-l 42110 - Pla Canopy Species Red Pine 4116 - Mixed N. Canopy Species Quaking Aspen Basswood | Density Tre Inted Red P Cover 100 Hardwood Cover 20 5 | es ine Size Class Log/Pole - Aspen Size Class Log/Pole Pole | Nonsto | er Well er Well Age 65 er Well Age | 2.0 30.3 Sub-Ca Sug 9.5 Sub-Ca | Beech gar Maple onwood 65 nopy Species Beech gar Maple 90 nopy Species emlock Beech | Low Trace Low 141-170 Density High Low 141-170 Density High Low | Variable Variable Variable No N/A Avg. Height < 5 feet < 5 feet Variable Variable | Sapling Sapling Sapling Size Sapling Sapling Sapling Sapling | |
| 12 | Red Pine 330 - Low-l 42110 - Pla Canopy Species Red Pine 4116 - Mixed N. Canopy Species Quaking Aspen Basswood Hemlock | Density Tre nted Red P % Cover 100 Hardwood % Cover 20 5 15 60 | es ine Size Class Log/Pole - Aspen Size Class Log/Pole Pole Pole Pole/Log Log/Pole | Nonstone Autimber 11 BH | er Well Age 65 er Well Age | 2.0 30.3 Sub-Ca Sug 9.5 Sub-Ca | Beech gar Maple onwood 65 nopy Species Beech gar Maple 90 nopy Species emlock Beech ed Maple | Low Trace Low 141-170 Density High Low 141-170 Density High Low | Variable Variable Variable No N/A Avg. Height < 5 feet < 5 feet Variable Variable | Sapling Sapling Sapling Size Sapling Sapling Sapling Sapling | |
| 13 | Red Pine 330 - Low-l 42110 - Pla Canopy Species Red Pine 4116 - Mixed N. Canopy Species Quaking Aspen Basswood Hemlock Red Maple | Density Tre nted Red P % Cover | es ine Size Class Log/Pole - Aspen Size Class Log/Pole Pole Pole Pole/Log Log/Pole | Nonsto | er Well er Well Age 65 er Well Age 90 | 2.0 30.3 Sub-Ca 9.5 Sub-Ca H Re | Beech gar Maple onwood 65 nopy Species Beech gar Maple 90 nopy Species emlock Beech ed Maple | Low Trace Low 141-170 Density High Low 141-170 Density High Low Low Low | Variable Variable Variable No N/A Avg. Height < 5 feet < 5 feet N/A Avg. Height Variable Variable Variable | Sapling Sapling Sapling Size Sapling Sapling Sapling Sapling | lot of hemlock present. |
| 13 | Red Pine 330 - Low-l 42110 - Pla Canopy Species Red Pine 4116 - Mixed N. Canopy Species Quaking Aspen Basswood Hemlock Red Maple 42110 - Pla | Density Tre nted Red P % Cover | es ine Size Class Log/Pole - Aspen Size Class Log/Pole Pole Pole Pole/Log Log/Pole ine Si | Nonsto | er Well Age 90 er Well Age | 2.0 30.3 Sub-Ca 9.5 Sub-Ca H Re 20.7 Sub-Ca | Beech gar Maple onwood 65 nopy Species Beech gar Maple 90 nopy Species lemlock Beech ed Maple | Low Trace Low 141-170 Density High Low 141-170 Density High Low Low 111-140 | Variable Variable Variable No N/A Avg. Height < 5 feet < 5 feet Variable Variable N/A Avg. Height >20 feet Variable Variable N/A | Sapling Sapling Sapling Size Sapling Sapling Sapling Sapling Sapling Size Pole Sapling Sapling | lot of hemlock present. |



| Stand | d Level 4 C | over Type | | Size Den | sity | Acres | Stand Age | BA Range | Managed S | ite | General Comments |
|-------|----------------|-------------|------------|-----------|--------|--------|-------------|-------------|-------------|---------|--|
| 15 | 4130 | - Aspen | | Sapling M | edium | 16.2 | 7 | Immature | N/A | | Regen looks good. |
| | Canopy Species | % Cover | Size Class | DBH | Age | | | | | | |
| | Black Cherry | 25 | Sapling | 1 | 7 | | | | | | |
| | Sugar Maple | 2 | Sapling | 1 | 7 | | | | | | |
| | Quaking Aspen | 73 | Sapling | 1 | 7 | | | | | | |
| 16 | 310 - Herbad | ceous Open | land | Nonstoo | cked | 53.2 | | Unspecified | No | | American Chestnut (true, 100%) planted in 1990 in a 5x2-chain area in the northeast, FTP # C51-400. Plantation furrowed with tractor, furrows spaced 10 feet apart. Trees planted 8 feet apart in furrows. 800 trees planted. Trees have succumb to Chestnut Blight, but continue to resprout year after year, sometimes flowering and producing chestnuts. |
| 17 | 4110 - Sugar N | Maple Assoc | ciation | Sawtimbe | r Well | 208.7 | 103 | 81-110 | N/A | | Some scattered sugar maple regen, a lot of ash regen. Some pockets of |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Specie | s Density | Avg. Height | Size | nice black cherry regen slope on the east side of the stand. |
| | Sugar Maple | 74 | Log/Pole | 11 | 103 | | Beech | Low | Variable | Sapling | |
| | Basswood | 19 | Log | 14 | | Bla | ck Cherry | Medium | Variable | Sapling | |
| | Beech | 2 | Pole | 7 | | Su | gar Maple | Medium | < 5 feet | Sapling | |
| | Red Maple | 3 | Log | 16 | | W | hite Ash | High | Variable | Sapling | |
| | Red Oak | 2 | XLog | 26 | | Ir | onwood | Medium | Variable | Sapling | |
| 18 | 4130 | - Aspen | | Poletimbe | | 19.4 | 56 | 81-110 | N/A | | Nice regen. |
| | Canopy Species | | Size Class | | | | nopy Specie | s Density | Avg. Height | Size | |
| | Quaking Aspen | 90 | Pole | 8 | 56 | Su | gar Maple | Low | Variable | Sapling | |
| | Sugar Maple | 10 | Pole | 7 | | | | | | | |
| 19 | 4110 - Sugar N | Maple Assoc | ciation | Sawtimbe | r Well | 386.5 | 105 | 111-140 | N/A | | A lot of berries. Some scattered heavy ash regen. |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Specie | s Density | Avg. Height | Size | |
| | Sugar Maple | 86 | Log | | 105 | W | hite Ash | Medium | < 5 feet | Sapling | |
| | Beech | 1 | Log | 12 | | | Beech | Medium | Variable | Sapling | |
| | Basswood | 13 | Log | 13 | | Suç | gar Maple | Low | Variable | Sapling | |
| | | | | | | Ir | onwood | Medium | Variable | Sapling | |
| 20 | 4110 - Sugar N | Maple Asso | ciation | Sawtimbe | | 27.9 | 103 | 111-140 | N/A | | Some large diameters and good quality stems in the north part of the stand. A lot of hemlock present in the north also. Quality and stocking |
| | Canopy Species | % Cover | Size Class | | Age | Sub-Ca | nopy Specie | s Density | Avg. Height | Size | taper off toward the south end of the stand. |
| | Basswood | 5 | Log | 16 | | | Beech | Low | Variable | Sapling | |
| | Red Maple | 5 | Log | 15 | | | | | | | |
| | Black Cherry | 17 | Log/Pole | 12 | | | | | | | |
| | Yellow Birch | 1 | Log | 12 | | | | | | | |
| | Sugar Maple | 72 | Log/Pole | 13 | 103 | | | | | | |



| Stand | d Level 4 C | over Type | | Size De | nsity | Acres Stand Age | BA Range | Managed S | ite | General Comments | MICHIGAN |
|-------|----------------|-------------|--------------|----------|---------|--------------------|-----------|-------------|---------|---|----------|
| 21 | 4110 - Sugar N | Maple Asso | ciation | Sawtimb | er Well | 162.7 99 | 141-170 | N/A | | Good quality stand. Rolling. Decent access. | |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Canopy Species | s Density | Avg. Height | Size | | |
| | Red Maple | 4 | Log/Pole | 12 | | Beech | Low | Variable | Sapling | | |
| | Black Cherry | 8 | Log | 13 | | Ironwood | Low | Variable | Sapling | | |
| | American Elm | 4 | Log/Pole | 10 | | | , | | | | |
| | Sugar Maple | 69 | Log/Pole | 11 | 99 | | | | | | |
| | Basswood | 15 | Log/Pole | 14 | | | | | | | |
| 22 | 310 - Herbac | ceous Oper | nland | Nonsto | ocked | 11.8 | | No | | Pipeline ROW | |
| 23 | 42210 - Na | tural Red P | ine | Sawtimb | er Well | 28.0 65 | 171-200 | N/A | | | |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Canopy Species | s Density | Avg. Height | Size | | |
| | Red Pine | 90 | Log/Pole | 10 | 65 | Sugar Maple | High | Variable | Sapling | | |
| | Black Cherry | 10 | Log/Pole | 11 | | | | | | | |
| 24 | 4110 - Sugar N | Maple Asso | ciation | Poletimb | er Well | 4.2 51 | 51-80 | N/A | | A lot of Serviceberry in the south part of the stand. | |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Canopy Species | s Density | Avg. Height | Size | | |
| | White Ash | 30 | Pole/Sapling | g 7 | | Ironwood | Low | Variable | Sapling | | |
| | Bigtooth Aspen | 3 | Pole | 6 | | Sugar Maple | High | Variable | Sapling | | |
| | Sugar Maple | 64 | Pole/Sapling | g 7 | 51 | White Ash | Low | Variable | Sapling | | |
| | Black Cherry | 3 | Pole/Log | 9 | | | | | | | |
| 25 | 4110 - Sugar N | Maple Asso | ciation | Sawtimb | er Well | 75.5 103 | 51-80 | N/A | | Treatment completed 2016, 52-113-11-01: Precipice II. | |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Canopy Species | s Density | Avg. Height | Size | | |
| | Sugar Maple | 83 | Log | 15 | 103 | Beech | Low | Variable | Sapling | | |
| | Basswood | 15 | Log | 13 | | Ironwood | Medium | Variable | Sapling | | |
| | Red Oak | 2 | XLog | 30 | | White Ash | High | 5 - 10 feet | Sapling | | |
| 26 | 4110 - Sugar N | Maple Asso | ciation | Sawtimb | er Well | 34.6 105 | 111-140 | N/A | | Stand contains a lot of potholes. Some holding water | |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Canopy Species | s Density | Avg. Height | Size | | |
| | Basswood | 19 | Log | 12 | | Beech | Medium | Variable | Sapling | | |
| | Beech | 1 | Log | 13 | | White Ash | Low | < 5 feet | Sapling | | |
| | Sugar Maple | 80 | Log | 11 | 105 | Ironwood | Medium | Variable | Sapling | | |
| | | | | | | Sugar Maple | Low | Variable | Sapling | | |
| 27 | 4110 - Sugar N | Maple Asso | ciation | Sawtimb | er Poor | 11.7 80 | 1-50 | N/A | | | |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Canopy Species | s Density | Avg. Height | Size | | |
| | Black Cherry | 80 | Log/Pole | 12 | 80 | Ironwood | Low | Variable | Sapling | | |
| | Basswood | 10 | Pole/Log | 10 | | Red Maple | Low | Variable | Sapling | | |
| | Red Maple | 10 | Pole/Log | 10 | | | <u></u> | <u> </u> | | | |

Gaylord Mgt. Unit



| Stand | Level 4 Co | over Type | | Size De | nsity | Acres | Stand Age B | A Range | Managed S | ite | General Comments |
|----------|---|--|---|---|------------------------|--|--|---|--|---------------------------------------|---|
| 28 | 42110 - Plai | nted Red P | ine | Sawtimb | er Well | 20.4 | 65 | 111-140 | N/A | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Car | nopy Species | Density | Avg. Height | Size | |
| | Red Pine | 100 | Log/Pole | 11 | 65 | Sug | ar Maple | Medium | 5 - 10 feet | Sapling | |
| | | | | | | Whit | e Spruce | Low | Variable | Sapling | |
| | | | | | | Е | Beech | Medium | Variable | Sapling | |
| 29 | 42110 - Plai | nted Red P | ine | Sawtimb | er Well | 5.3 | 64 | 111-140 | N/A | | Some mortality present. Doesn't appear to be HRD, surveyed by health |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Car | nopy Species | Density | Avg. Height | Size | specialist several years ago. |
| | Red Pine | 100 | Log/Pole | 10 | 64 | Е | Beech | Medium | Variable | Sapling | |
| 30 | 4130 | - Aspen | | Poletimb | er Well | 10.2 | 54 | 141-170 | N/A | | 160, 140, |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Car | nopy Species | Density | Avg. Height | Size | |
| | Bigtooth Aspen | 100 | Pole | 9 | 54 | Sug | ar Maple | Trace | >20 feet | Sapling | |
| | | | | | | | | Medium | Variable | Sapling | |
| | | | | | | Iro | nwood | Medium | variable | Capiling | |
| | | | | | | | d Maple | Trace | >20 feet | Sapling | |
| 31 | 310 - Herbac | ceous Open | land | Nonsto | ocked | | | | | | A lot of raspberries and a few scrubby cherries. |
| | 310 - Herbac 4110 - Sugar M | | | Nonsto Sawtimb | | Red | d Maple | | >20 feet | | A lot of raspberries and a few scrubby cherries. There is currently a harvest taking place so no update to stand data. |
| 31 | | Ларle Assoc | | Sawtimb DB F | | 1.3 170.4 | d Maple | Trace | >20 feet No | | · · · · · · · · · · · · · · · · · · · |
| 31 32 | 4110 - Sugar M Canopy Species Quaking Aspen | Ларle Assoc | ciation | Sawtimb | er Well | 1.3 170.4 Sub-Car | d Maple | 111-140 | >20 feet No N/A | Sapling | · · · · · · · · · · · · · · · · · · · |
| 31 32 | 4110 - Sugar M | Maple Assoc | ciation Size Class | Sawtimb DB F | er Well | 1.3 170.4 Sub-Car | d Maple 84 nopy Species | Trace 111-140 Density | >20 feet No N/A Avg. Height | Sapling | · · · · · · · · · · · · · · · · · · · |
| 31 32 | 4110 - Sugar M Canopy Species Quaking Aspen | Maple Associated States Associated Associate | ciation Size Class Log | Sawtimb DBH 12 10 10 | er Well | 1.3 170.4 Sub-Car | 84 nopy Species Beech | 111-140 Density Low | >20 feet No N/A Avg. Height Variable | Sapling Size Sapling | · · · · · · · · · · · · · · · · · · · |
| 31 32 | 4110 - Sugar M Canopy Species Quaking Aspen Black Cherry | Maple Associated Services | ciation Size Class Log Log/Pole | Sawtimb DBF 12 10 | er Well | 1.3 170.4 Sub-Car | 84 nopy Species Beech | 111-140 Density Low | >20 feet No N/A Avg. Height Variable | Sapling Size Sapling | · · · · · · · · · · · · · · · · · · · |
| 31 32 | 4110 - Sugar M Canopy Species Quaking Aspen Black Cherry Red Maple | Maple Associated States Associated Associate | ciation Size Class Log Log/Pole Log/Pole | Sawtimb DBH 12 10 10 | er Well | 1.3 170.4 Sub-Car | 84 nopy Species Beech | 111-140 Density Low | >20 feet No N/A Avg. Height Variable | Sapling Size Sapling | · |
| 31 32 | 4110 - Sugar M Canopy Species Quaking Aspen Black Cherry Red Maple Sugar Maple | Maple Assoc % Cover 3 2 3 63 | ciation Size Class Log Log/Pole Log/Pole Log/Pole | Sawtimb DBF 12 10 10 10 | er Well | 1.3 170.4 Sub-Car | 84 nopy Species Beech | 111-140 Density Low | >20 feet No N/A Avg. Height Variable | Sapling Size Sapling | · |
| 31 | 4110 - Sugar M Canopy Species Quaking Aspen Black Cherry Red Maple Sugar Maple Basswood | Maple Assoc % Cover 3 2 3 63 25 4 | ciation Size Class Log Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole | Sawtimb DBF 12 10 10 10 10 10 | er Well Age | 1.3 170.4 Sub-Car | 84 nopy Species Beech | 111-140 Density Low | >20 feet No N/A Avg. Height Variable Variable | Sapling Size Sapling | There is currently a harvest taking place so no update to stand data. Some scattered sugar maple regen in canopy gaps. A little yellow birch |
| 31 32 | 4110 - Sugar M Canopy Species Quaking Aspen Black Cherry Red Maple Sugar Maple Basswood Beech | Maple Associated Assoc | ciation Size Class Log Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole | Sawtimb DBH | er Well Age | 1.3 170.4 Sub-Car E Iro | 84 nopy Species Beech nowood | 111-140 Density Low Low | >20 feet No N/A Avg. Height Variable Variable N/A Avg. Height | Sapling Size Sapling | There is currently a harvest taking place so no update to stand data. |
| 31 | 4110 - Sugar M Canopy Species Quaking Aspen Black Cherry Red Maple Sugar Maple Basswood Beech 4110 - Sugar M | Maple Associated Assoc | ciation Size Class Log Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole ciation | Sawtimb DBH | er Well Age 84 er Well | 1.3 170.4 Sub-Car Iro 4.3 Sub-Car | 84 nopy Species Beech pnwood | 111-140 Density Low Low 81-110 | >20 feet No N/A Avg. Height Variable Variable | Size Sapling Sapling Sapling | There is currently a harvest taking place so no update to stand data. Some scattered sugar maple regen in canopy gaps. A little yellow birch |
| 31 | 4110 - Sugar M Canopy Species Quaking Aspen Black Cherry Red Maple Sugar Maple Basswood Beech 4110 - Sugar M Canopy Species | Maple Associated Assoc | ciation Size Class Log Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Ciation Size Class | Sawtimb DBH 10 10 10 10 Sawtimb DBH DBH | er Well Age 84 er Well | 1.3 170.4 Sub-Car Iro 4.3 Sub-Car Sug. | 84 nopy Species Beech nowood 105 nopy Species | 111-140 Density Low Low 81-110 Density | >20 feet No N/A Avg. Height Variable Variable N/A Avg. Height | Size Sapling Sapling Sapling | There is currently a harvest taking place so no update to stand data. Some scattered sugar maple regen in canopy gaps. A little yellow birch |



| Stand | Level 4 Cover Type | | | Size Density | | Acres | Stand Age | BA Range | Managed Site | | General Comments |
|-------|--------------------------------|------------|--------------|----------------|---------|---------|--------------|-------------|--------------|---------|---|
| 34 | 4110 - Sugar Maple Association | | | Sawtimber Well | | 25.2 | 87 | 111-140 | N/A | | Good quality stems in west 1/3, rolling, operable. |
| | Canopy Species | % Cover | Size Class | DBH | I Age | Sub-Ca | nopy Species | s Density | Avg. Height | Size | |
| | Red Maple | 8 | Log | 12 | | Sug | gar Maple | Low | Variable | Sapling | |
| | Ironwood | 2 | Pole/Saplin | ng 5 | | | | | | | |
| | Basswood | 24 | Log | 15 | 87 | | | | | | |
| | American Elm | 3 | Pole | 9 | | | | | | | |
| | Sugar Maple | 33 | Log | 10 | 87 | | | | | | |
| | Black Cherry | 30 | Log/Pole | 14 | | | | | | | |
| 35 | 42110 - Planted Red Pine | | | Sawtimber Well | | 13.0 | 65 | 111-140 | N/A | | |
| | Canopy Species | % Cover | Size Class | DBH | I Age | Sub-Ca | nopy Species | s Density | Avg. Height | Size | |
| | Red Pine | 100 | Log/Pole | 11 | 65 | Sug | gar Maple | Medium | Variable | Sapling | |
| 36 | 42110 - Pla | nted Red P | Pine | Sawtimb | er Well | 41.0 | 65 | 111-140 | N/A | | Good quality stems. |
| | Canopy Species | % Cover | Size Class | DBF | I Age | Sub-Ca | nopy Species | s Density | Avg. Height | Size | |
| | Black Cherry | 6 | Log | 11 | | Sug | gar Maple | High | 5 - 10 feet | Sapling | |
| | Sugar Maple | 2 | Log | 13 | | | | | | | |
| | Red Pine | 92 | Log/Pole | 11 | 65 | | | | | | |
| 37 | 4130 - Aspen | | Sapling Well | | 20.6 | 24 | Immature | N/A | | | |
| | Canopy Species | % Cover | Size Class | DBH | I Age | | | | | | |
| | Black Cherry | 2 | Sapling | 3 | 24 | | | | | | |
| | Quaking Aspen | 98 | Sapling | 4 | 24 | | | | | | |
| 38 | 310 - Herbaceous Openland | | | Nonsto | ocked | 1.7 | | | No | | |
| 39 | 330 - Low-Density Trees | | | Nonstocked | | 21.3 | | | No | | Scattered cherry and aspen poles and saplings. Some bush honeysuckle and blackberries. |
| 40 | 330 - Low-Density Trees | | | Nonstocked | | 5.2 | | | No | | |
| 41 | 122 - Road/Parking Lot | | | Nonstocked | | 2.0 U | | Unspecified | No | | |
| 42 | 4110 - Sugar Maple Associat | | ciation | | | 63.5 99 | | 111-140 | N/A | | Very little regen in gaps from last harvest. Good quality stand. Small clone of aspen in the SW corner of the stand. A few scattered beech. |
| | Canopy Species | | Size Class | | I Age | | nopy Species | | Avg. Height | Size | olono of appointing the control of the stand. A few scattered beech. |
| | Sugar Maple | 83 | Log/Pole | | 99 | | onwood | Low | Variable | Sapling | |
| | Basswood | 17 | Log | 15 | | | gar Maple | Trace | Variable | Sapling | |
| | | | | | | I | Beech | Medium | Variable | Sapling | |



| Stand | Level 4 Cover Type | | | Size Density | | Acres | Stand Age | BA Range | Managed Site | | General Comments | |
|-------|-------------------------------------|-------------|--------------|----------------|---------|--------|--------------------|-----------|--------------|----------|---|--|
| 43 | 4130 - Aspen | | | Sapling Poor | | 5.5 | 7 | Immature | N/A | | Heavy raspberry ground cover. Big Tooth Aspen and some Sugar Maple | |
| | Canopy Species | % Cover | Size Class | DBH | Age | | | | | | regen. | |
| | Bigtooth Aspen | 80 | Sapling | 1 | 7 | | | | | | | |
| | Sugar Maple | 20 | Sapling | 1 | 7 | | | | | | | |
| 44 | 330 - Low-Density Trees | | | Nonstocked | | 12.4 | | | No | | Mostly cherry with some sugar maple. | |
| 45 | 4199 - Other Mixed Upland Deciduous | | | Sawtimber Well | | 4.8 | 91 | 81-110 | N/A | | Stand of Black Walnut. This was an old homestead site, black walnut has been filling in the opening likely from some trees that were planted when | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | Sub-Canopy Species | | Avg. Height | ght Size | the site was settled. The trees range in size from small saplings to 20" | |
| | Basswood | 2 | Pole | 9 | | Blac | ck Walnut | Low | Variable | Sapling | sawlogs. | |
| | Sugar Maple | 2 | Pole | 8 | | | | | | | | |
| | Black Walnut | 96 | Log/Pole/Sap | 11 | 91 | | | | | | | |
| 46 | 4110 - Sugar N | /laple Asso | ciation § | Sawtimb | er Well | 23.1 | 84 | 111-140 | N/A | | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Specie | s Density | Avg. Height | Size | | |
| | Black Cherry | 2 | Log/Pole | 10 | | Iro | onwood | Low | Variable | Sapling | | |
| | Sugar Maple | 63 | Log/Pole | 10 | 84 | 1 | Beech | Low | Variable | Sapling | | |
| | Basswood | 25 | Log/Pole | 10 | | | | | | | | |
| | Red Maple | 3 | Log/Pole | 10 | | | | | | | | |
| | Beech | 4 | Log/Pole | 10 | | | | | | | | |
| | Quaking Aspen | 3 | Log | 12 | | | | | | | | |