



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #7051

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on May 3, 2022.**

LOCATION: **GAYLORD MGMT UNIT, 1732 WEST M 32, GAYLORD, MI 49735.**

CONTACT NAME: Lucas Merrick

PHONE NUMBER: (989) 732-3541

PROSPECTUS NOTE: All bid openings for the Gaylord Management Unit (Gaylord Field Office and Indian River Field Office) will be held at the Gaylord Field Office regardless of sale location within the unit. All payments and contract executions will now be handled through the Gaylord Field Office. The Indian River Field Office will no longer accept payments or hard paper copies of timber sale bids. Payments for all contracts, use permits, bonds, etc. should be sent to the Gaylord Field Office.

The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, GAYLORD MANAGEMENT UNIT, for certain timber on the following described lands:

Stutsmanville Hardwood (52-112-21) / T36N, R05W, SEC. 19, SESW,S1/2SE.

T36N, R05W, SEC. 20, N1/2NW,SWNW,NESW,S1/2SW.

T36N, R05W, SEC. 29, NWNW.

T36N, R05W, SEC. 30, NENW,NWNE,SWSW.

Emmet County, Advertised Price \$180,493.10, 127.7 Acres, Hardwood, Sugar Maple.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

See sale spec 5.2.40, 5.2.41, and 6.2.3 for information on recreational trail requirements.

In addition, the private landowner adjacent to Payment Unit 6 is interested in a selection harvest on his property. Please contact Lucas Merrick, Tricia St. Pierre, or Shannon Harrig for the landowner's contact information.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

TIMBER SALE INFORMATION

Stutsmanville Hardwood (52-112-21)

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A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	102.9 MBF	\$ 47.00 / MBF
Beech	36.9 MBF	\$ 48.00 / MBF
Black Cherry	1.7 MBF	\$ 86.00 / MBF
Mixed Aspen	69.5 MBF	\$ 46.00 / MBF
Red Maple	18.7 MBF	\$ 77.00 / MBF
Sugar Maple	370.7 MBF	\$ 376.00 / MBF
White Ash	12.2 MBF	\$ 63.00 / MBF
Yellow Birch	1.8 MBF	\$ 36.00 / MBF
Pulpwood		
Basswood	198 Cords	\$ 9.00 / Cord
Mixed Aspen	82 Cords	\$ 17.70 / Cord
Mixed Hardwood	1,550 Cords	\$ 16.55 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 6.14 percent. There are an estimated 3,345 cords on this timber sale, plus or minus 206 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$9,024.66 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	20.6%
02	11.1%
03	21.7%
04	24.2%
05	5.9%
06	16.5%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
264,223	3,345	6.14%	3,139	3,550

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
14	43,041	545	13.19%	473	617
36	42,251	535	14.79%	456	614
37	95,470	1,208	10.34%	1,083	1,333
38	48,515	614	13.85%	529	699
39	12,436	157	20.98%	124	190
TOTAL:	241,713	3,060		2,666	3,454

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
14	25.9	6	25.9
36	22.4	4	22.4
37	45.5	1	29.6
		2	15.9
38	24.6	3	24.6
39	9.3	5	9.3
TOTAL:	127.7		127.7

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	38.4	MBF	29.6	\$37,250.20
	Beech		11.1	MBF		
	Mixed Aspen		28.0	MBF		
	<i>Quaking Aspen</i>		28.0	<i>MBF</i>		
	Sugar Maple		68.6	MBF		
	White Ash		4.7	MBF		
	Basswood	Pulpwood	66	Cords		
	Mixed Aspen		20	Cords		
	<i>Quaking Aspen</i>		20	<i>Cords</i>		
	Mixed Hardwood		398	Cords		
	<i>Beech</i>		76	<i>Cords</i>		
	<i>Ironwood</i>		38	<i>Cords</i>		
	<i>Sugar Maple</i>		268	<i>Cords</i>		
	<i>White Ash</i>		16	<i>Cords</i>		
2	Basswood	Sawtimber	20.7	MBF	15.9	\$19,990.55
	Beech		5.9	MBF		
	Mixed Aspen		15.0	MBF		
	<i>Quaking Aspen</i>		15.0	<i>MBF</i>		
	Sugar Maple		36.8	MBF		
	White Ash		2.6	MBF		
	Basswood	Pulpwood	36	Cords		
	Mixed Aspen		11	Cords		
	<i>Quaking Aspen</i>		11	<i>Cords</i>		
	Mixed Hardwood		213	Cords		
	<i>Beech</i>		41	<i>Cords</i>		
	<i>Ironwood</i>		20	<i>Cords</i>		
	<i>Sugar Maple</i>		144	<i>Cords</i>		
	<i>White Ash</i>		8	<i>Cords</i>		
3	Basswood	Sawtimber	27.3	MBF	24.6	\$39,161.55
	Sugar Maple		85.0	MBF		
	Basswood	Pulpwood	71	Cords		
	Mixed Hardwood		319	Cords		
	<i>Beech</i>		36	<i>Cords</i>		
	<i>Sugar Maple</i>		283	<i>Cords</i>		
4	Basswood	Sawtimber	7.2	MBF	22.4	\$43,505.80
	Beech		8.0	MBF		
	Black Cherry		1.7	MBF		
	Mixed Aspen		2.6	MBF		
	<i>B. T. Aspen</i>		2.6	<i>MBF</i>		
	Sugar Maple		100.0	MBF		
	White Ash	Pulpwood	2.7	MBF		
	Basswood		5	Cords		
	Mixed Aspen		2	Cords		
	<i>B. T. Aspen</i>		2	<i>Cords</i>		
	Mixed Hardwood		282	Cords		
	<i>Beech</i>		64	<i>Cords</i>		
	<i>Black Cherry</i>		9	<i>Cords</i>		
	<i>Sugar Maple</i>		208	<i>Cords</i>		
	<i>White Ash</i>		1	<i>Cords</i>		
5	Basswood	Sawtimber	7.7	MBF	9.3	\$10,721.75
	Sugar Maple		23.5	MBF		
	White Ash		2.2	MBF		
	Basswood	Pulpwood	16	Cords		
	Mixed Hardwood		75	Cords		
	<i>Beech</i>		9	<i>Cords</i>		

DESCRIPTION OF TIMBER BY PU (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	<i>Sugar Maple</i> <i>White Ash</i>	<i>Pulpwood</i>	63 3	<i>Cords</i> <i>Cords</i>		
6	Basswood Beech Mixed Aspen <i>Quaking Aspen</i> Red Maple Sugar Maple Yellow Birch Basswood Mixed Aspen <i>Quaking Aspen</i> Mixed Hardwood <i>Beech</i> <i>Red Maple</i> <i>Sugar Maple</i> <i>Yellow Birch</i>	Sawtimber Pulpwood	1.6 11.9 23.9 23.9 18.7 56.8 1.8 4 49 49 263 47 38 175 3	MBF MBF MBF <i>MBF</i> MBF MBF MBF Cords Cords <i>Cords</i> Cords <i>Cords</i> <i>Cords</i> <i>Cords</i> <i>Cords</i>	25.9	\$29,863.25
TOTAL:			614.4	MBF		
TOTAL:			1,830	Cords		

Sale Specific Conditions & Requirements

Sale Name: Stutsmanville Hardwood

Sale Number: 52-112-21 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 1-6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. All beech and ash are designated for cutting unless marked with green paint. In Payment Unit 6, also cut all aspen. Within the patches marked with teal paint, cut all trees 2" at DBH and greater.

2.2 - Utilization

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length. Trees must be harvested with in-woods processor (feller bunching harvester will not be allow) to retain existing understory.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-4 and 6 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesigned live merchantable trees which are cut or injured. No damage is acceptable to undesigned live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the sale administrator for specific details of design and placement.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1-6, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.2.40 - Pathway protection (10/10)

The North Country Trail is a biking, hiking, horse trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Within Payment Units 3-5 there are user created biking trails which will need to be identified and protected. Maintain a 20-foot-wide slash, debris, and rut free zone daily, using the pathways as the centerline. Do not run equipment down the pathways. Skidding across the trails may only occur in locations approved by the sale administrator.

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31. The snowmobile trail may only be crossed at right angles. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. All stumps within 10 feet of the snowmobile trail must be cut at ground level.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the North Country Trail prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

**TIMBER SALE MAP**

This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number	Year
52-112	21

Forest Management Unit	County	Mapped By	Date	Page	of
GFMU - Indian River Field Office	Emmet	Harig	6/29/2021	1	2
		Cruised By			
		Contractor			

Township	Range	Section(s) and Subdivision(s)	Scale
36N	05W	19: S1/2SE, SESW 20: N1/2NW,SWNW,NESW,S1/2SW 29: NWNW 30: NENW,NWNE,SWSW	1:15,840

Cover Type

A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

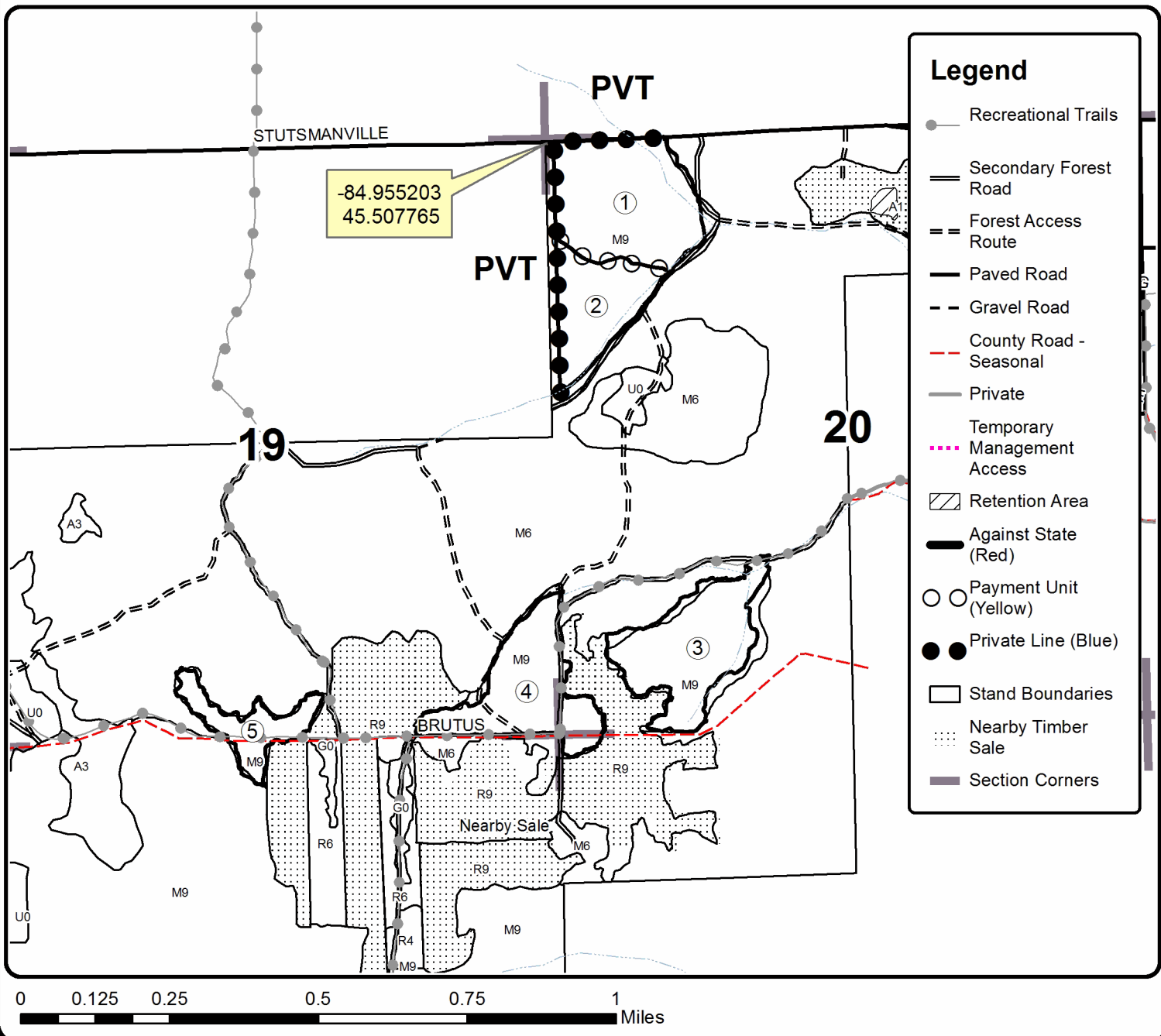
Density

0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU	Acres	PU	Acres
1	29.6	4	22.4
2	15.9	5	9.3
3	24.6	6	25.9

Stutsmanville Hardwood

Compartment 112
127.7 Acres



**TIMBER SALE MAP**

This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number	Year
52-112	21

Forest Management Unit GFMU - Indian River Field Office	County Emmet	Mapped By Harig	Date 6/29/2021	Page 2	of 2
Township 36N	Range 05W	Section(s) and Subdivision(s) 19: S1/2SE, SESW 20: N1/2NW,SWNW,NESW,S1/2SW 29: NWNW 30: NENW,NWNE,SWSW	Scale 1:15,840		

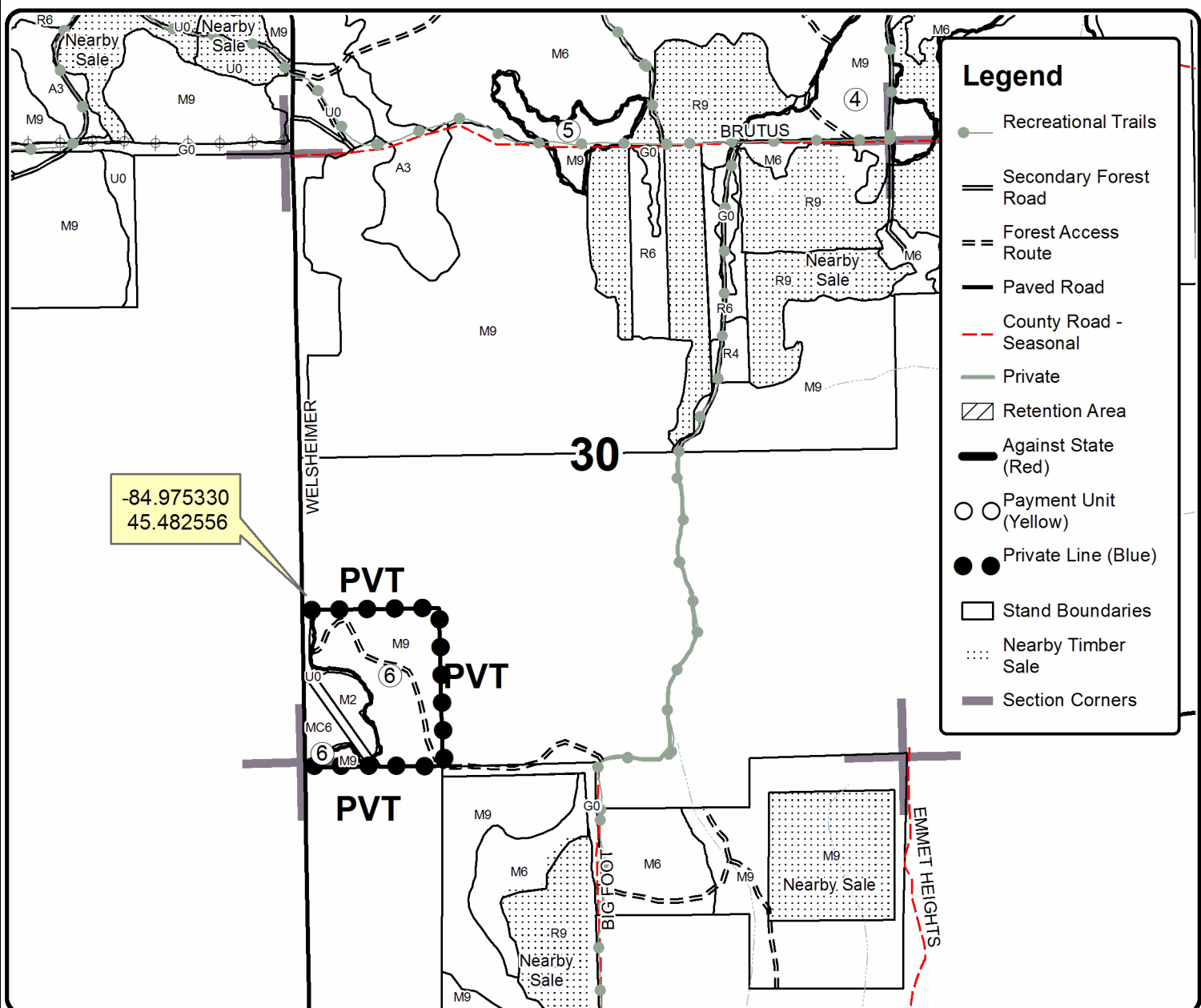
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres	PU	Acres
1	29.6	4	22.4
2	15.9	5	9.3
3	24.6	6	25.9

Stutsmanville Hardwood

Compartment 112

127.7 Acres



0 0.125 0.25 0.5 0.75 1 Miles