



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7311**

SCHEDULED SALE DATE AND TIME: **2:00 p.m. (local time) on July 8, 2024.**

LOCATION: **GWINN MGMT UNIT, 410 WEST M 35, GWINN, MI 49841.**

CONTACT NAME: Mike Brodeur

PHONE NUMBER: (906) 346-9201

PROSPECTUS NOTE: 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, GWINN MANAGEMENT UNIT, for certain timber on the following described lands:

Gary's gate maple (32-034-22) / T44N, R23W, SEC. 27, SWNW,NWSW,S1/2SW,NESE,S1/2SE.

T44N, R23W, SEC. 28, NESE.

T44N, R23W, SEC. 34, S1/2NW,NE.

T44N, R23W, SEC. 35, NWNW,S1/2NW,SW,NWSE,S1/2SE.

Marquette County, Advertised Price \$52,238.75, 267.8 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Access may be through private land.

# TIMBER SALE INFORMATION

Gary's gate maple (32-034-22)

T44N, R23W, SEC. 27; T44N, R23W, SEC. 28; T44N, R23W, SEC. 34; T44N, R23W, SEC. 35.

Marquette County (Advertised Price \$52,238.75)

SALE NOTE: Access may be through private land.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
<b>Sawtimber</b>		
Basswood	6.4 MBF	\$ 17.00 / MBF
Paper Birch	2.0 MBF	\$ 38.00 / MBF
Red Maple	209.6 MBF	\$ 39.00 / MBF
Sugar Maple	142.8 MBF	\$ 77.00 / MBF
White Pine	8.7 MBF	\$ 9.00 / MBF
White Spruce	0.7 MBF	\$ 24.00 / MBF
Yellow Birch	39.6 MBF	\$ 16.00 / MBF
<b>Pulpwood</b>		
Balsam Fir	338 Cords	\$ 6.05 / Cord
Basswood	13 Cords	\$ 3.90 / Cord
Mixed Hardwood	4,252 Cords	\$ 6.50 / Cord
Mixed Spruce	304 Cords	\$ 6.45 / Cord
Paper Birch	14 Cords	\$ 7.35 / Cord
Quaking Aspen	11 Cords	\$ 12.70 / Cord
White Pine	15 Cords	\$ 14.55 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 8.43 percent. There are an estimated 6,010 cords on this timber sale, plus or minus 507 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 \$2,611.94 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:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	2.7%
02	8.6%
03	3.1%
04	6.4%
05	8.9%
06	6.2%
07	6.6%
08	1.9%
09	2.0%
10	3.1%
11	5.1%
12	4.9%
13	8.9%
14	6.5%
15	6.6%
16	9.9%
17	5.6%
18	3.0%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2027.

## **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
474,810	6,010	8.43%	5,503	6,517

## **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
1	144,712	1,832	14.08%	1,574	2,090
3	190,572	2,412	12.81%	2,103	2,721
4	93,689	1,186	13.69%	1,024	1,348
6	14,392	182	9.06%	166	199
30	15,721	199	77.18%	45	353
33	15,723	199	42.80%	114	284
<b>TOTAL:</b>	<b>474,810</b>	<b>6,010</b>		<b>5,026</b>	<b>6,995</b>

**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
1	116.6	1	7.2
		2	22.6
		3	8.1
		4	16.7
		5	23.4
		6	16.3
		7	17.3
		8	5.0
3	87.4	11	14.0
		12	13.5
		13	24.1
		14	17.8
		15	18.0
		16	23.6
		17	13.5
4	37.1	9	12.2
6	12.2	18	6.8
30	6.8	10	7.7
33	7.7		
<b>TOTAL:</b>	<b>267.8</b>		<b>267.8</b>

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Basswood	Sawtimber	0.2	MBF	7.2	\$1,424.85	
	Red Maple		7.7	MBF			
	Sugar Maple		8.5	MBF			
	Balsam Fir		Pulpwood	3			Cords
	Mixed Hardwood			69			Cords
	<i>Red Maple</i>			28			<i>Cords</i>
	<i>Sugar Maple</i>			41			<i>Cords</i>
2	Basswood	Sawtimber	0.6	MBF	22.6	\$4,497.90	
	Red Maple		24.2	MBF			
	Sugar Maple		26.8	MBF			
	White Spruce		0.1	MBF			
	Balsam Fir		Pulpwood	9			Cords
	Mixed Hardwood			218			Cords
	<i>Red Maple</i>			89			<i>Cords</i>
	<i>Sugar Maple</i>			129			<i>Cords</i>
	Mixed Spruce			1			Cords
	<i>White Spruce</i>			1			<i>Cords</i>
	3			Basswood			Sawtimber
Red Maple		8.7	MBF				
Sugar Maple		9.6	MBF				
Balsam Fir		Pulpwood	3	Cords			
Mixed Hardwood			78	Cords			
<i>Red Maple</i>			32	<i>Cords</i>			
<i>Sugar Maple</i>			46	<i>Cords</i>			
4	Basswood	Sawtimber	0.4	MBF	16.7	\$3,321.15	
	Red Maple		17.9	MBF			
	Sugar Maple		19.8	MBF			
	White Spruce		0.1	MBF			
	Balsam Fir		Pulpwood	6			Cords
	Mixed Hardwood			161			Cords
	<i>Red Maple</i>			66			<i>Cords</i>
	<i>Sugar Maple</i>			95			<i>Cords</i>
	Mixed Spruce			1			Cords
	<i>White Spruce</i>			1			<i>Cords</i>
	5			Basswood			Sawtimber
Red Maple		24.9	MBF				
Sugar Maple		28.0	MBF				
White Spruce		0.3	MBF				
Balsam Fir		Pulpwood	9	Cords			
Mixed Hardwood			225	Cords			
<i>Red Maple</i>			93	<i>Cords</i>			
<i>Sugar Maple</i>			132	<i>Cords</i>			
6	Basswood	Sawtimber	0.4	MBF	16.3	\$3,241.05	
	Red Maple		17.5	MBF			
	Sugar Maple		19.3	MBF			
	White Spruce		0.1	MBF			
	Balsam Fir		Pulpwood	6			Cords
	Mixed Hardwood			157			Cords
	<i>Red Maple</i>			64			<i>Cords</i>
	<i>Sugar Maple</i>			93			<i>Cords</i>
	Mixed Spruce			1			Cords
	<i>White Spruce</i>			1			<i>Cords</i>
7	Basswood	Sawtimber	0.5	MBF	17.3	\$3,445.20	
	Red Maple		18.5	MBF			
	Sugar Maple		20.5	MBF			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	White Spruce	Sawtimber	0.1	MBF		
	Balsam Fir	Pulpwood	7	Cords		
	Mixed Hardwood		167	Cords		
	<i>Red Maple</i>		68	<i>Cords</i>		
	<i>Sugar Maple</i>		99	<i>Cords</i>		
	Mixed Spruce		1	Cords		
	<i>White Spruce</i>		1	<i>Cords</i>		
8	Basswood	Sawtimber	0.1	MBF	5.0	\$997.20
	Red Maple		5.4	MBF		
	Sugar Maple		5.9	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Hardwood		49	Cords		
	<i>Red Maple</i>		20	<i>Cords</i>		
	<i>Sugar Maple</i>		29	<i>Cords</i>		
9	Balsam Fir	Pulpwood	22	Cords	12.2	\$1,049.60
	Mixed Hardwood		141	Cords		
	<i>Black Ash</i>		42	<i>Cords</i>		
	<i>Red Maple</i>		36	<i>Cords</i>		
	<i>Sugar Maple</i>		63	<i>Cords</i>		
10	Paper Birch	Sawtimber	2.0	MBF	7.7	\$1,622.25
	Red Maple		11.9	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Mixed Hardwood		146	Cords		
	<i>Black Ash</i>		10	<i>Cords</i>		
	<i>Red Maple</i>		136	<i>Cords</i>		
	Paper Birch		14	Cords		
11	Basswood	Sawtimber	0.5	MBF	14.0	\$2,679.90
	Red Maple		7.2	MBF		
	Sugar Maple		0.4	MBF		
	White Pine		1.4	MBF		
	Yellow Birch		5.2	MBF		
	Balsam Fir	Pulpwood	29	Cords		
	Basswood		2	Cords		
	Mixed Hardwood		277	Cords		
	<i>Black Ash</i>		45	<i>Cords</i>		
	<i>Red Maple</i>		175	<i>Cords</i>		
	<i>Sugar Maple</i>		2	<i>Cords</i>		
	<i>Yellow Birch</i>		55	<i>Cords</i>		
	Mixed Spruce		35	Cords		
	<i>Black Spruce</i>	Sawtimber	6.3	<i>MBF</i>		
	<i>Black Spruce</i>	Pulpwood	22	<i>Cords</i>		
	Quaking Aspen		2	Cords		
	White Pine		2	Cords		
12	Basswood	Sawtimber	0.5	MBF	13.5	\$2,584.45
	Red Maple		7.0	MBF		
	Sugar Maple		0.3	MBF		
	White Pine		1.3	MBF		
	Yellow Birch		5.1	MBF		
	Balsam Fir	Pulpwood	28	Cords		
	Basswood		2	Cords		
	Mixed Hardwood		268	Cords		
	<i>Black Ash</i>		44	<i>Cords</i>		
	<i>Red Maple</i>		169	<i>Cords</i>		
	<i>Sugar Maple</i>		2	<i>Cords</i>		
	<i>Yellow Birch</i>		53	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
12 con't	Mixed Spruce	Pulpwood	33	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	6.1	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	21	<i>Cords</i>		
	Quaking Aspen		2	Cords		
	White Pine		2	Cords		
13	Basswood	Sawtimber	1.0	MBF	24.1	\$4,639.20
	Red Maple		12.4	MBF		
	Sugar Maple		0.6	MBF		
	White Pine		2.4	MBF		
	Yellow Birch		9.0	MBF		
	Balsam Fir	Pulpwood	50	Cords		
	Basswood		5	Cords		
	Mixed Hardwood		477	Cords		
	<i>Black Ash</i>		78	<i>Cords</i>		
	<i>Red Maple</i>		302	<i>Cords</i>		
	<i>Sugar Maple</i>		3	<i>Cords</i>		
	<i>Yellow Birch</i>		94	<i>Cords</i>		
	Mixed Spruce		61	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	10.9	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	39	<i>Cords</i>		
	Quaking Aspen		3	Cords		
	White Pine		5	Cords		
14	Basswood	Sawtimber	0.7	MBF	17.8	\$3,397.40
	Red Maple		9.2	MBF		
	Sugar Maple		0.4	MBF		
	White Pine		1.8	MBF		
	Yellow Birch		6.7	MBF		
	Balsam Fir	Pulpwood	37	Cords		
	Basswood		2	Cords		
	Mixed Hardwood		352	Cords		
	<i>Black Ash</i>		58	<i>Cords</i>		
	<i>Red Maple</i>		222	<i>Cords</i>		
	<i>Sugar Maple</i>		2	<i>Cords</i>		
	<i>Yellow Birch</i>		70	<i>Cords</i>		
	Mixed Spruce		44	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	8.1	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	28	<i>Cords</i>		
	Quaking Aspen		2	Cords		
	White Pine		3	Cords		
15	Basswood	Sawtimber	0.7	MBF	18.0	\$3,441.00
	Red Maple		9.3	MBF		
	Sugar Maple		0.5	MBF		
	White Pine		1.8	MBF		
	Yellow Birch		6.7	MBF		
	Balsam Fir	Pulpwood	38	Cords		
	Basswood		2	Cords		
	Mixed Hardwood		355	Cords		
	<i>Black Ash</i>		58	<i>Cords</i>		
	<i>Red Maple</i>		225	<i>Cords</i>		
	<i>Sugar Maple</i>		2	<i>Cords</i>		
	<i>Yellow Birch</i>		70	<i>Cords</i>		
	Mixed Spruce		45	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	8.2	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	29	<i>Cords</i>		
	Quaking Aspen		2	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
15 con't	White Pine	Pulpwood	3	Cords		
16	Red Maple	Sawtimber	11.3	MBF	23.6	\$5,123.25
	Sugar Maple		1.4	MBF		
	Yellow Birch		4.4	MBF		
	Balsam Fir	Pulpwood	53	Cords		
	Mixed Hardwood		598	Cords		
	<i>Black Ash</i>		199	<i>Cords</i>		
	<i>Red Maple</i>		274	<i>Cords</i>		
	<i>Sugar Maple</i>		41	<i>Cords</i>		
	<i>Yellow Birch</i>		84	<i>Cords</i>		
	Mixed Spruce		46	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	5.0	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	36	<i>Cords</i>		
17	Red Maple	Sawtimber	6.5	MBF	13.5	
	Sugar Maple		0.8	MBF		
	Yellow Birch		2.5	MBF		
	Balsam Fir	Pulpwood	31	Cords		
	Mixed Hardwood		343	Cords		
	<i>Black Ash</i>		114	<i>Cords</i>		
	<i>Red Maple</i>		157	<i>Cords</i>		
	<i>Sugar Maple</i>		24	<i>Cords</i>		
	<i>Yellow Birch</i>		48	<i>Cords</i>		
	Mixed Spruce		27	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	2.8	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	21	<i>Cords</i>		
18	Red Maple	Sawtimber	10.0	MBF	6.8	\$1,559.55
	Mixed Hardwood	Pulpwood	171	Cords		
	<i>Red Maple</i>		171	<i>Cords</i>		
	Mixed Spruce		9	Cords		
	<i>Black Spruce</i>		9	<i>Cords</i>		
TOTAL:			409.8	MBF		
TOTAL:			4,947	Cords		



## Sale Specific Conditions & Requirements

Sale Name: Gary's gate maple

Sale Number: 32-034-22 Seq#: 3

### 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

##### 2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 9-18, cut all trees that are two (2) inches or more at DBH; the following exceptions apply:

Within Payment Unit(s) 9, leave hemlock, cedar, and yellow birch.

Within Payment Unit(s) 10, leave cedar, hemlock, yellow birch and white pine.

Within Payment Unit(s) 11-15, leave hemlock, cedar, and any tree marked with green paint.

Within Payment Unit(s) 16-18, leave hemlock, cedar, black cherry, and yellow birch.

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

Within Payment Unit(s) 1-8, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

#### 2.2 - Utilization

##### 2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible unless approved by the Unit Manager or his/her representative..

### 3 - Payments

#### 3.4 - Damaged Timber

##### 3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within the sale area, if more than 10% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the sale area are damaged, liquidated damages will be assessed at \$200 per acre for all acreage within that specified portion of the sale area that was damaged.

No damage is acceptable to undesignated 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 scattered, and not left in windrows, and kept a minimum of 10 feet back from the road edge.

#### 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.

#### 4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. be chipped, utilized or otherwise removed from the sale. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

#### 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. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Contact the sale administrator for specific details of design and placement.

### 4.2 - Maintenance

#### 4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

#### 4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

### 4.4 - Access

#### 4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser.

## 5 - Operations

### 5.1 - Notification

#### 5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

##### 5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, the Sale Area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

#### 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

##### 5.2.3.2 - Operating restrictions (9/11)

Within Payment Unit(s) 9-18, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of 12/1 to 4/1. This restriction is because of wet payment units and access routes.

#### 5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1-8, 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.

#### 5.2.22 - Operating Caution

##### 5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 6-8, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because wet access routes.

#### 5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

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

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

### 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

#### 6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Lathrope road prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

## 7 - Other Conditions

### 7.5 - Loss

#### 7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from Spruce Budworm and Emerald Ash Borer. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.



# TIMBER SALE MAP

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

Sale Number	Year
32-034	22

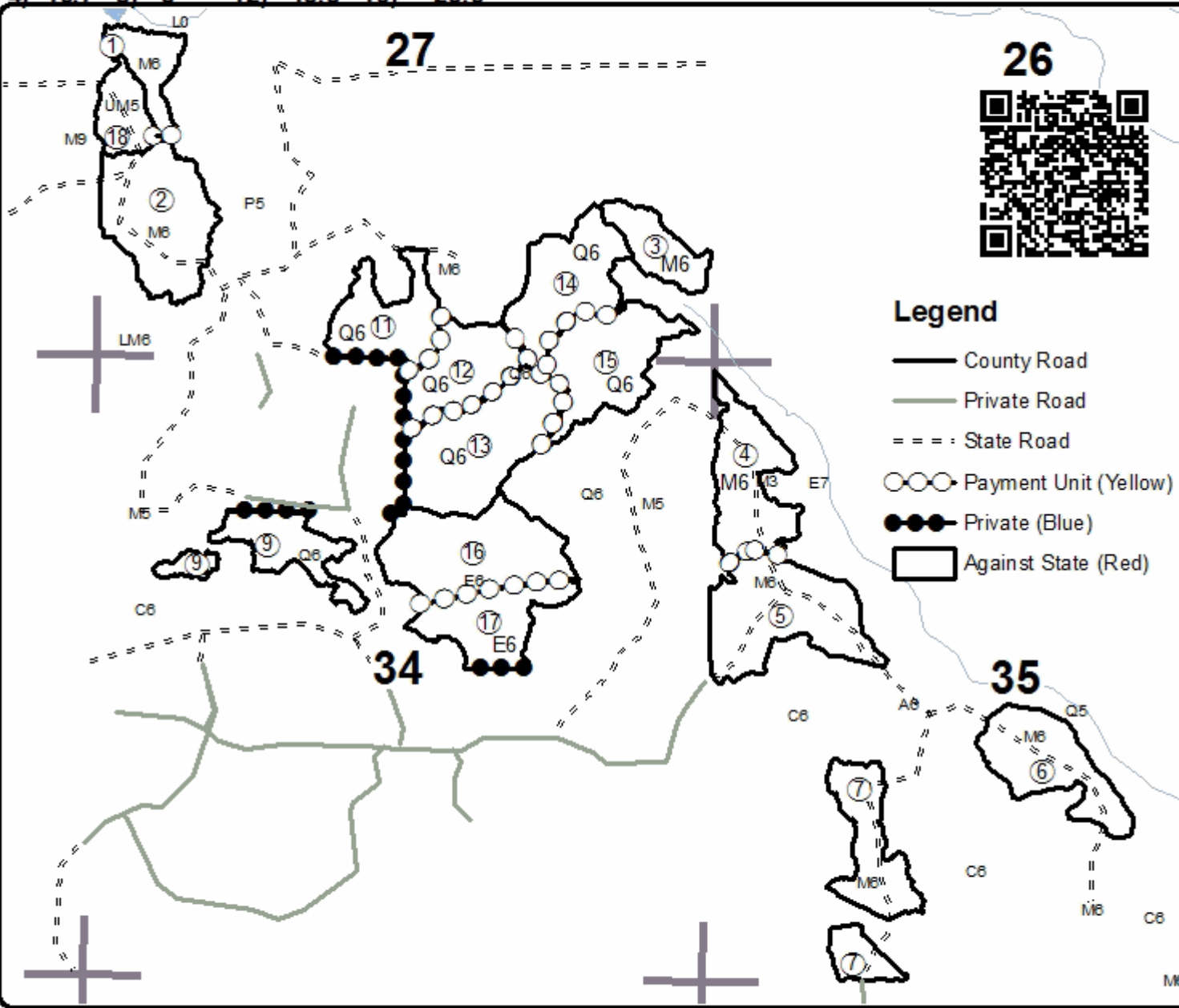
Forest Management Unit	County	Mapped By	Date	Page	of
Gwinn Management Unit	Marquette	Peter Holodnick	09/20/2022	1	2
		Cruised By			
		Pete Holodnick/Contractor			

Township	Range	Section(s) and Subdivision(s)	Scale
44N	23W	Sections: 27, 28, 34 and 35	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 = Tread 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, Bach	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					

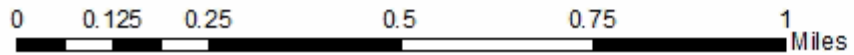
PU	Acres	PU	Acres	PU	Acres	PU	Acres	PU	Acres
1)	7.2	5)	23.4	9)	12.2	13)	24.1	17)	13.5
2)	22.6	6)	16.3	10)	7.7	14)	17.8	18)	6.8
3)	8.1	7)	17.3	11)	14	15)	18		
4)	16.7	8)	5	12)	13.5	16)	23.6		

**Gary's Gate Maple**  
 Compartment 10 and 11  
 267.8 Acres



**Legend**

- County Road (solid black line)
- Private Road (dashed black line)
- State Road (dotted black line)
- Payment Unit (Yellow) (yellow circle)
- Private (Blue) (blue circle)
- Against State (Red) (red circle)





# TIMBER SALE MAP

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

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32-034	22

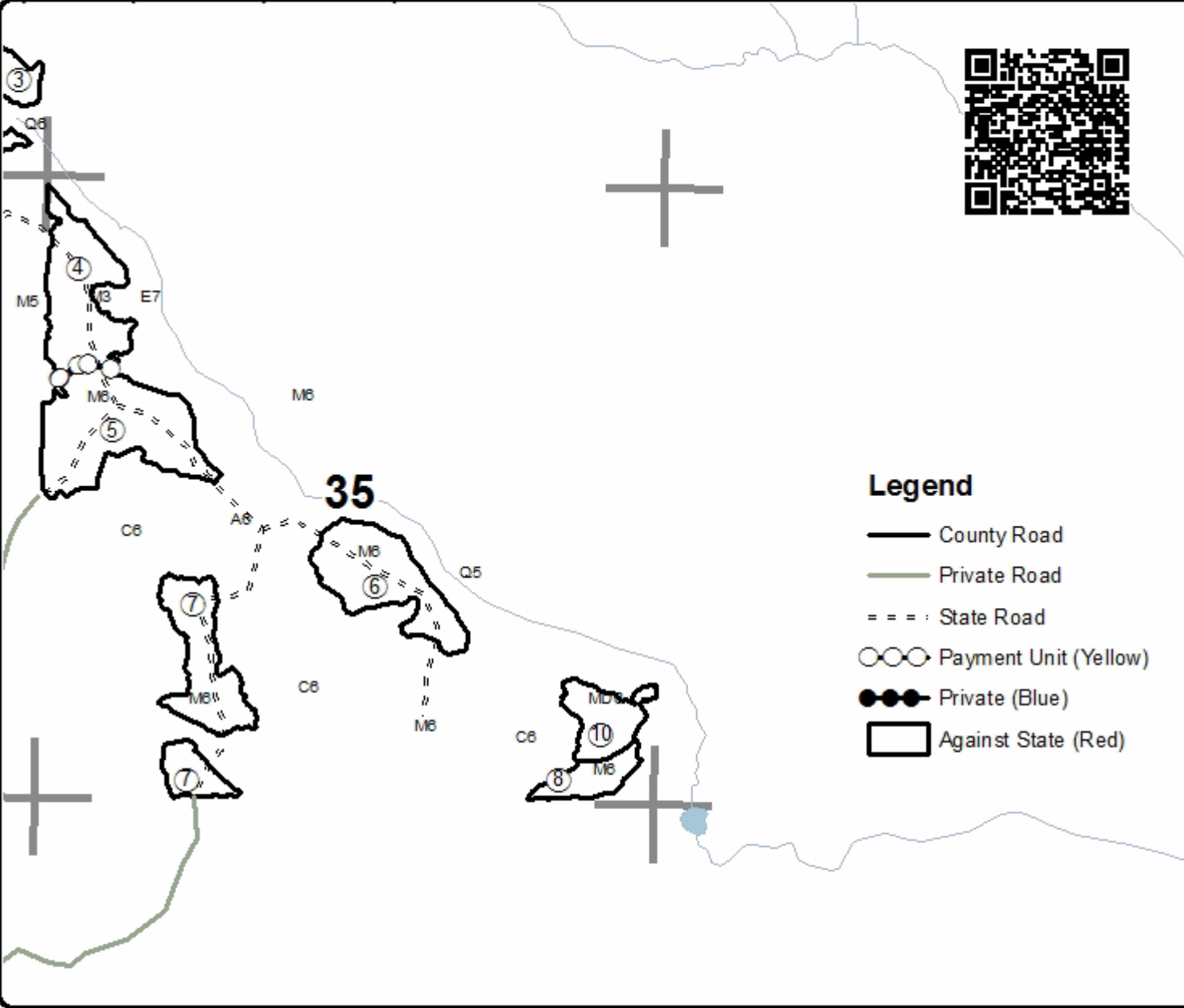
Forest Management Unit	County	Mapped By	Date	Page	of
Gwinn Management Unit	Marquette	Peter Holodnick	09/20/2022	2	2
		Cruised By			
		Pete Holodnick/Contractor			

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**Gary's Gate Maple**  
 Compartment 10 and 11  
 267.8 Acres



**Legend**

- County Road
- Private Road
- State Road
- Payment Unit (Yellow)
- Private (Blue)
- Against State (Red)

