



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7176**

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on May 1, 2023.

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

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:

Mammoth Maple (32-001-22) / T45N, R23W, SEC. 19, S1/2SE.

T45N, R23W, SEC. 20, S1/2SW,SWSE.

T45N, R23W, SEC. 28, NW,NWNE,S1/2NE,N1/2SW,SE.

T45N, R23W, SEC. 29, NW,NE,NESE.

T45N, R23W, SEC. 30, N1/2NE.

Marquette County, Advertised Price \$292,255.65, 507.1 Acres, Hardwood, Sugar Maple.

SALE NOTE: Access is across private property. Fill material is required on state land roads accessing the timber sale area, see spec. 4.1.8. Payment Units 19 - 24 have areas of saturated ground, see spec. 5.2.22.1.

Access may be through private land.

Moose Mattress (32-003-22) / T43N, R25W, SEC. 10, NENW,NE,NESE.

T43N, R25W, SEC. 11, S1/2NW,N1/2NE,SWNE,N1/2SW.

T43N, R25W, SEC. 11, SESW,SWSE.

T43N, R25W, SEC. 2, E1/2SW,SE.

T43N, R25W, SEC. 2, N1/2NW,SENE,N1/2NE,SWNE.

T43N, R25W, SEC. 3, E1/2NW,E1/2SW.

Marquette County, Advertised Price \$142,902.45, 292.2 Acres, Hardwood, Aspen.

SALE NOTE: Roadwork is required for this sale. Gravel is on site, it just needs to be hauled and spread (see Spec 4.1.8 and the Timber Sale Map). Private property access may be beneficial to access some Payment Units (see Specs 4.4.1 and 4.4.3).

Corner River (32-004-22) / T43N, R25W, SEC. 10, NW.

T43N, R25W, SEC. 3, SWNW,SW.

T43N, R25W, SEC. 4, SENE,E1/2SE.

T43N, R25W, SEC. 9, NE,NWSE.

Marquette County, Advertised Price \$109,075.90, 203.7 Acres, Aspen, Hardwood.

SALE NOTE: Some Payment Units have received damage from spruce budworm. Little West Road is a County Road for approximately 3 miles off of County Road 557 and spans across the entire sale area. Little West Road is an ORV/snowmobile trail and must be properly signed and protected.

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.

Swimming Hole Hardwood (32-007-22) / T42N, R24W, SEC. 5 , NWNW.

T43N, R24W, SEC. 20, SESW.

T43N, R24W, SEC. 28, NWSW,S1/2SW.

T43N, R24W, SEC. 29, N1/2NW,W1/2SW.

T43N, R24W, SEC. 30, NENE,E1/2SE.

T43N, R24W, SEC. 32, N1/2NW,SWNW,S1/2NE.

Marquette County, Advertised Price \$61,875.90, 115.4 Acres, Hardwood, Sugar Maple.

SALE NOTE: Access may be through private land.

BID INSTRUCTIONS (VER. 10/10/2022):

1. Scheduled Bid Location, Date, and Time (2/11)

Bids must be received by the Unit Manager, GWINN OFFICE, 410 WEST M 35, GWINN, MI 49841, no later than 2:00 p.m. (local time) on May 1, 2023. For further information concerning this sale, contact Kristen Matson at 906-346-9201 extension 103.

2. Bidder's Qualifications (10/22)

If all or part of a timber sale was prepared by a private contractor, the contractor and that contractor's company are not permitted to bid on the timber sale. A person must be 18 years of age or older to purchase timber. Permanent employees of the Department of Natural Resources or members of their immediate household may not bid. Former employees, in the permanent or seasonal class, may not bid until 3 months after the last day of active duty. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

3. Preparation of Sealed Bids (5/16)

Bid Forms may be completed online thru Michigan DNR Timber Sale Online Bidding (OLB) at www.michigan.gov/timberbidding or by completing the hardcopy Bid Form found in the Timber Sale Prospectus. Hardcopy Bid Forms shall be manually signed in ink. Registration in OLB is considered your 'signature' for all bids submitted thru that system. Bid prices must be entered for each species and product in the Bid Price column for all material subject to bidding and all fill-in blanks must be completed. If erasures or other changes appear on the hardcopy Bid Form, each erasure or change must be initialed by the person signing the bid.

4. Submission of Sealed Bids (5/16)

Bid forms may be obtained from the Unit Manager or thru OLB. Bids may be submitted hardcopy or thru OLB. All hardcopy bids must be submitted on the bid form and in an envelope clearly identified as described in this section. NOTE: Only one bid form per bid envelope. Sealed bids must be submitted to the Unit office designated in the prospectus and must be submitted at or prior to the time established in the prospectus. The envelope should show on the outside (a) the sale name or number and (b) the date and time of bid opening, as shown in the prospectus. Bids received after the time specified in the sale prospectus are late bids and will be rejected.

It is possible for a bidder to submit multiple bids on a single sale. For example, a bid may be submitted hardcopy and a bid may be submitted thru OLB. Or, two bidders from the same company could both submit bids on the same sale. If this were to happen, the State would accept all bids received and award the contract accordingly. All bidding and contractual requirements would apply to all bids received.

5. Public Opening of Sealed Bids (7/16)

If conditions permit, the sealed bids will be publicly opened and posted at the time and place set in the prospectus.

If a bidder, present at a bid opening, has submitted bids on more than one sale, that bidder may withdraw their unopened bid envelopes or announce the withdrawal of their online bid after being declared the successful bidder on one sale.

6. Award of Contract (1/11)

Award of the contract will be made to the Bidder whose bid, conforming to the prospectus, is most advantageous to the State of Michigan on the basis of total value at rates bid for the estimated quantities. The State reserves the right to reject any bid or waive any minor irregularity in bids received. A written award mailed (or otherwise furnished) to the successful Bidder shall be deemed to result in a binding contract without further action by either party.

7. Down Payment (1/11)

The Bidder to whom award is made must make a down payment within 21 days of the sale award. The amount of the down payment will be calculated as shown in the Bond and Payment Schedule of this prospectus. Only cash may be used to meet this requirement.

8. Performance Security (1/11)

As guarantee of faithful performance, a cash bond, certificate of deposit, surety bond or irrevocable letter of credit (LOC) is required within 21 days of the sale award. The amount of the performance security is shown in the Bond and

Payment Schedule of this prospectus. If an LOC or surety is used, the coverage must extend for at least 6 months beyond the contract expiration.

9. Worker's Compensation (10/22)

Purchaser shall obtain worker's compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. Verification of Worker's Disability Compensation Act Compliance must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. In addition, if applicable, Notice of Exclusion or Certificate of Insurance must also be submitted.

10. Timber Sale Contract (10/22)

Additional conditions and requirements common to all timber sales are listed on the timber sale contract (R4031) and are available on line at www.michigan.gov/timber. Contact the Unit Manager for additional information or a sample contract. Within 21 days of the date of the award letter, the bidder must sign the contract and provide the required down payment, performance security, and verification of worker's disability compensation. The down payment and performance security shall be in accordance with the provisions of the timber sale contract, in the sums stated in this prospectus. If these actions are not taken, then the Bidder, the Bidder's corporation, and the corporation's principals may not be permitted to bid on State timber sales for a period of 3 months after the first offense, 6 months after the second offense, and 1 year after the third offense. An offense will only be counted against the Bidder for 5 years. In addition, the Bidder certifies that if awarded this contract, the Bidder will complete the timber sale contract in accordance with its terms and any modifications thereof including requirements to purchase, cut, and remove the included timber by the expiration date.

Payment Unit values in the State Forest Timber Sale Contract are calculated based on the advertised value of the Payment Unit as a percentage of the total advertised value of the contract. The advertised value of each Payment Unit is given in the Description of Timber by Payment Unit table on the Timber Sale Information page. For example, if the value of Payment Unit 1 is advertised as \$1,500 and the total Timber Sale value is advertised as \$10,000, the contract price for Payment Unit 1 will be 15% of the total bid price ($\$1,500/\$10,000 * 100$).

11. Disclaimer of Estimates and Bidder's Warranty of Inspection (10/22)

Before submitting this bid, the Bidder is advised and cautioned to inspect the sale area, review the requirements of the sale contract, and take other steps as may be reasonably necessary to ascertain the location, estimated volumes, construction estimates, and operating costs of the proposed sale. Failure to do so will not relieve the Bidder from responsibility for completing the contract.

The Bidder warrants that this bid is submitted solely on the basis of the Bidder's examination and inspection of the quality and quantity of the timber offered for sale and the Bidder's opinion of the value thereof and the costs of recovery. No reliance should be placed on the State of Michigan's estimates of timber quality, quantity or costs of recovery. Bidder further acknowledges that the State of Michigan: (i) expressly disclaims any warranty of fitness of timber for any purpose; (ii) offers this timber as is without any warranty of quality (merchantability) or quantity and (iii) expressly disclaims any warranty as to the quantity or quality of timber sold.

12. Certification and Chain-of-Custody (10/22)

Unless otherwise indicated in the contract under section 7 – Other Conditions of the Sale Specific Conditions & Requirements, the area encompassed by this timber sale is certified to the standards of the Forest Stewardship Council (FSC) - Certificate #SCS-FM/COC-00090N and the Sustainable Forestry Initiative (SFI) - Certificate #NSF-SFIS-5Y031-SF5. Forest products from this sale may be delivered to the mill as "FSC 100% and / or SFI certified" as long as the contractor hauling the forest products is chain-of-custody (COC) certified or covered under a COC certificate from the destination mill. The purchaser is responsible for maintaining COC after leaving the sale area.

13. Good Neighbor Authority (GNA) Requirements (10/22)

If the name of this timber sales contains the acronym GNA, it is authorized by the Good Neighbor Authority (GNA) and covered by various agreements between the U.S. Forest Service and the State. The timber sale occurs on federal land and the following conditions apply:

GNA contracts on US Forest Service land will not be awarded to purchasers on the Federal list of excluded parties. The System for Award Management (SAM) will be checked for active excluded parties prior to award of contract. In

addition, the Bidder to whom award is made must complete an Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Applicants (AD-3031).

14. Good Neighbor Authority (GNA) Requirements, con't (10/22)

Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete.

- a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.
- b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining , attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
- c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.
- d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

Bidders that cannot certify this requirement, in whole or in part, shall submit an explanation with their bid.

SHANNON LOTT, Acting
Director

TIMBER SALE INFORMATION

Mammoth Maple (32-001-22)

T45N, R23W, SEC. 19; T45N, R23W, SEC. 20; T45N, R23W, SEC. 28; T45N, R23W, SEC. 29; T45N, R23W, SEC. 30.
Marquette County (Advertised Price \$292,255.65)

SALE NOTE: Access is across private property. Fill material is required on state land roads accessing the timber sale area, see spec. 4.1.8. Payment Units 19 - 24 have areas of saturated ground, see spec. 5.2.22.1.

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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	8.9 MBF	\$ 32.00 / MBF
Black Ash	48.2 MBF	\$ 16.00 / MBF
Black Cherry	39.2 MBF	\$ 84.00 / MBF
Red Maple	591.0 MBF	\$ 126.00 / MBF
Sugar Maple	649.7 MBF	\$ 176.00 / MBF
White Ash	10.9 MBF	\$ 55.00 / MBF
White Spruce	15.8 MBF	\$ 19.00 / MBF
Yellow Birch	46.3 MBF	\$ 32.00 / MBF
Pulpwood		
Balsam Fir	424 Cords	\$ 14.20 / Cord
Mixed Hardwood	5,302 Cords	\$ 14.90 / Cord
Mixed Spruce	563 Cords	\$ 19.65 / Cord
Tamarack	24 Cords	\$ 26.20 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 6.53 percent. There are an estimated 10,669 cords on this timber sale, plus or minus 697 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 \$14,613.00 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	4.9%
02	4.3%
03	4.5%
04	1.4%
05	2.6%
06	2.5%
07	0.7%
08	6.6%
09	4.4%
10	5.9%
11	4.7%
12	4.8%
13	4.9%
14	4.9%
15	4.4%
16	5.5%
17	4.4%
18	5.3%
19	3.0%
20	3.2%
21	3.2%
22	5.7%
23	2.8%
24	5.4%

4. If no cutting takes place, the 10% down payment will not be refunded.

5. Operations on the contract issued will terminate on 08/31/2027.

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		PERCENT ERROR	STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
842,882	10,669	6.53%	9,972	11,367

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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
1	31,422	398	25.01%	298	497
2	379,078	4,798	9.14%	4,360	5,237
3	85,278	1,079	14.40%	924	1,235
4	42,442	537	26.94%	393	682
5	124,731	1,579	12.02%	1,389	1,769
6	72,046	912	16.07%	765	1,058
7	77,196	977	23.18%	751	1,204
8	23,766	301	49.13%	153	449
9	6,923	88	24.17%	66	109
TOTAL:	842,882	10,669		9,099	12,239

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	25.4	4	8.9
		5	16.5
2	281.8	3	21.3
		8	30.0
		9	20.5
		10	27.6
		11	21.9
		12	22.6
		13	23.1
		14	22.7
3	40.2	15	20.8
		16	25.6
		17	20.8
		18	24.9
		19	19.5
4	27.4	20	20.7
		21	27.4
5	40.8	22	27.4
		23	13.4
6	31.9	24	31.9
7	41.9	1	22.2
		2	19.7
8	13.8	6	13.8
9	3.9	7	3.9
TOTAL:	507.1		507.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	71.0	MBF	22.2	\$14,246.65
	Sugar Maple		0.6	MBF		
	Balsam Fir	Pulpwood	30	Cords		
	Mixed Hardwood		266	Cords		
	<i>Red Maple</i>		263	<i>Cords</i>		
	<i>Sugar Maple</i>		3	<i>Cords</i>		
	Mixed Spruce		41	Cords		
	<i>White Spruce</i>		41	<i>Cords</i>		
2	Red Maple	Sawtimber	62.8	MBF	19.7	\$12,631.05
	Sugar Maple		0.6	MBF		
	Balsam Fir	Pulpwood	26	Cords		
	Mixed Hardwood		236	Cords		
	<i>Red Maple</i>		234	<i>Cords</i>		
	<i>Sugar Maple</i>		2	<i>Cords</i>		
	Mixed Spruce		37	Cords		
	<i>White Spruce</i>		37	<i>Cords</i>		
3	Basswood	Sawtimber	0.7	MBF	21.3	\$13,278.05
	Black Cherry		3.0	MBF		
	Red Maple		21.3	MBF		
	Sugar Maple		48.8	MBF		
	White Ash		0.8	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Hardwood		110	Cords		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		39	<i>Cords</i>		
	<i>Sugar Maple</i>		67	<i>Cords</i>		
	<i>White Ash</i>		2	<i>Cords</i>		
	Mixed Spruce		1	Cords		
	<i>White Spruce</i>		1	<i>Cords</i>		
4	Red Maple	Sawtimber	20.5	MBF	8.9	\$4,067.00
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Hardwood		73	Cords		
	<i>Red Maple</i>		66	<i>Cords</i>		
	<i>Sugar Maple</i>		7	<i>Cords</i>		
	Mixed Spruce		18	Cords		
	<i>White Spruce</i>		18	<i>Cords</i>		
	5	Red Maple	Sawtimber	38.1		
Balsam Fir		Pulpwood	5	Cords		
Mixed Hardwood			135	Cords		
<i>Red Maple</i>			123	<i>Cords</i>		
<i>Sugar Maple</i>			12	<i>Cords</i>		
Mixed Spruce			32	Cords		
<i>White Spruce</i>			32	<i>Cords</i>		
6	Red Maple	Sawtimber	32.3	MBF	13.8	\$7,376.65
	Balsam Fir	Pulpwood	18	Cords		
	Mixed Hardwood		185	Cords		
	<i>Red Maple</i>		185	<i>Cords</i>		
	Mixed Spruce		15	Cords		
	<i>White Spruce</i>		15	<i>Cords</i>		
7	Red Maple	Sawtimber	7.2	MBF	3.9	\$2,004.40
	Balsam Fir	Pulpwood	4	Cords		
	Mixed Hardwood		54	Cords		
	<i>Red Maple</i>		54	<i>Cords</i>		
	Mixed Spruce		12	Cords		
	<i>White Spruce</i>		12	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
8	Basswood	Sawtimber	0.9	MBF	30.0	\$18,857.50	
	Black Cherry		4.1	MBF			
	Red Maple		30.0	MBF			
	Sugar Maple		68.6	MBF			
	White Ash		1.1	MBF			
	Balsam Fir		Pulpwood	3			Cords
	Mixed Hardwood			167			Cords
	<i>Basswood</i>			3			<i>Cords</i>
	<i>Black Cherry</i>			3			<i>Cords</i>
	<i>Ironwood</i>			4			<i>Cords</i>
	<i>Red Maple</i>			56			<i>Cords</i>
	<i>Sugar Maple</i>			96			<i>Cords</i>
	<i>White Ash</i>			5			<i>Cords</i>
	Mixed Spruce			2			Cords
<i>White Spruce</i>	2	<i>Cords</i>					
9	Basswood	Sawtimber	0.6	MBF	20.5	\$12,804.15	
	Black Cherry		2.9	MBF			
	Red Maple		20.5	MBF			
	Sugar Maple		47.0	MBF			
	White Ash		0.8	MBF			
	Balsam Fir		Pulpwood	2			Cords
	Mixed Hardwood			107			Cords
	<i>Black Cherry</i>			2			<i>Cords</i>
	<i>Red Maple</i>			38			<i>Cords</i>
	<i>Sugar Maple</i>			65			<i>Cords</i>
	<i>White Ash</i>			2			<i>Cords</i>
	Mixed Spruce			1			Cords
	<i>White Spruce</i>			1			<i>Cords</i>
	10			Basswood			Sawtimber
Black Cherry		3.8		MBF			
Red Maple		27.6	MBF				
Sugar Maple		63.3	MBF				
White Ash		1.1	MBF				
Balsam Fir		Pulpwood	3	Cords			
Mixed Hardwood			145	Cords			
<i>Basswood</i>			1	<i>Cords</i>			
<i>Black Cherry</i>			3	<i>Cords</i>			
<i>Red Maple</i>			51	<i>Cords</i>			
<i>Sugar Maple</i>			87	<i>Cords</i>			
<i>White Ash</i>			3	<i>Cords</i>			
Mixed Spruce			2	Cords			
<i>White Spruce</i>			2	<i>Cords</i>			
11	Basswood		Sawtimber	0.7	MBF	21.9	\$13,659.65
	Black Cherry	3.0		MBF			
	Red Maple	21.9		MBF			
	Sugar Maple	50.2		MBF			
	White Ash	0.8		MBF			
	Balsam Fir	Pulpwood		2	Cords		
	Mixed Hardwood			114	Cords		
	<i>Black Cherry</i>			2	<i>Cords</i>		
	<i>Red Maple</i>			41	<i>Cords</i>		
	<i>Sugar Maple</i>			69	<i>Cords</i>		
	<i>White Ash</i>			2	<i>Cords</i>		
	Mixed Spruce			1	Cords		
	<i>White Spruce</i>			1	<i>Cords</i>		
	12			Basswood	Sawtimber		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
12 con't	Black Cherry	Sawtimber	3.1	MBF			
	Red Maple		22.6	MBF			
	Sugar Maple		51.8	MBF			
	White Ash		0.9	MBF			
	Balsam Fir		Pulpwood	3			Cords
	Mixed Hardwood			118			Cords
	<i>Black Cherry</i>			2			<i>Cords</i>
	<i>Red Maple</i>			42			<i>Cords</i>
	<i>Sugar Maple</i>			72			<i>Cords</i>
	<i>White Ash</i>			2			<i>Cords</i>
	Mixed Spruce			2			Cords
	<i>White Spruce</i>			2			<i>Cords</i>
	13			Basswood			Sawtimber
Black Cherry		3.2		MBF			
Red Maple		23.1	MBF				
Sugar Maple		52.9	MBF				
White Ash		0.9	MBF				
Balsam Fir		Pulpwood	3	Cords			
Mixed Hardwood			120	Cords			
<i>Black Cherry</i>			2	<i>Cords</i>			
<i>Red Maple</i>			43	<i>Cords</i>			
<i>Sugar Maple</i>			73	<i>Cords</i>			
<i>White Ash</i>			2	<i>Cords</i>			
Mixed Spruce			2	Cords			
<i>White Spruce</i>			2	<i>Cords</i>			
14	Basswood		Sawtimber	0.7	MBF	22.7	\$14,193.00
	Black Cherry			3.2	MBF		
	Red Maple	22.7		MBF			
	Sugar Maple	52.0		MBF			
	White Ash	0.9		MBF			
	Balsam Fir	Pulpwood		3	Cords		
	Mixed Hardwood			118	Cords		
	<i>Black Cherry</i>			2	<i>Cords</i>		
	<i>Red Maple</i>			42	<i>Cords</i>		
	<i>Sugar Maple</i>			72	<i>Cords</i>		
	<i>White Ash</i>			2	<i>Cords</i>		
	Mixed Spruce			2	Cords		
	<i>White Spruce</i>			2	<i>Cords</i>		
15	Basswood		Sawtimber	0.7	MBF	20.8	\$12,998.15
	Black Cherry			2.9	MBF		
	Red Maple	20.8		MBF			
	Sugar Maple	47.7		MBF			
	White Ash	0.8		MBF			
	Balsam Fir	Pulpwood		2	Cords		
	Mixed Hardwood			109	Cords		
	<i>Black Cherry</i>			2	<i>Cords</i>		
	<i>Red Maple</i>			39	<i>Cords</i>		
	<i>Sugar Maple</i>			66	<i>Cords</i>		
	<i>White Ash</i>			2	<i>Cords</i>		
	Mixed Spruce			1	Cords		
	<i>White Spruce</i>			1	<i>Cords</i>		
16	Basswood		Sawtimber	0.8	MBF	25.6	\$16,018.30
	Black Cherry			3.6	MBF		
	Red Maple	25.6		MBF			
	Sugar Maple	58.7		MBF			
	White Ash	1.0		MBF			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
16 con't	Balsam Fir	Pulpwood	3	Cords		
	Mixed Hardwood		134	Cords		
	<i>Basswood</i>		1	<i>Cords</i>		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		47	<i>Cords</i>		
	<i>Sugar Maple</i>		81	<i>Cords</i>		
	<i>White Ash</i>		3	<i>Cords</i>		
	Mixed Spruce		2	Cords		
	<i>White Spruce</i>		2	<i>Cords</i>		
17	Basswood	Sawtimber	0.7	MBF	20.8	\$12,998.15
	Black Cherry		2.9	MBF		
	Red Maple		20.8	MBF		
	Sugar Maple		47.7	MBF		
	White Ash		0.8	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Hardwood		109	Cords		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		39	<i>Cords</i>		
	<i>Sugar Maple</i>		66	<i>Cords</i>		
	<i>White Ash</i>		2	<i>Cords</i>		
	Mixed Spruce		1	Cords		
	<i>White Spruce</i>		1	<i>Cords</i>		
18	Basswood	Sawtimber	0.8	MBF	24.9	\$15,595.40
	Black Cherry		3.5	MBF		
	Red Maple		24.9	MBF		
	Sugar Maple		57.1	MBF		
	White Ash		1.0	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Hardwood		131	Cords		
	<i>Basswood</i>		1	<i>Cords</i>		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		46	<i>Cords</i>		
	<i>Sugar Maple</i>		79	<i>Cords</i>		
	<i>White Ash</i>		3	<i>Cords</i>		
	Mixed Spruce		2	Cords		
<i>White Spruce</i>	2	<i>Cords</i>				
19	Red Maple	Sawtimber	12.9	MBF	19.5	\$8,833.15
	White Spruce		1.6	MBF		
	Yellow Birch		4.3	MBF		
	Balsam Fir	Pulpwood	32	Cords		
	Mixed Hardwood		409	Cords		
	<i>Black Ash</i>		34	<i>Cords</i>		
	<i>Black Cherry</i>		11	<i>Cords</i>		
	<i>Red Maple</i>		272	<i>Cords</i>		
	<i>Yellow Birch</i>		92	<i>Cords</i>		
	Mixed Spruce		25	Cords		
	<i>Black Spruce</i>		24	<i>Cords</i>		
<i>White Spruce</i>	1	<i>Cords</i>				
20	Red Maple	Sawtimber	13.7	MBF	20.7	\$9,418.30
	White Spruce		1.6	MBF		
	Yellow Birch		4.6	MBF		
	Balsam Fir	Pulpwood	34	Cords		
	Mixed Hardwood		435	Cords		
	<i>Black Ash</i>		37	<i>Cords</i>		
	<i>Black Cherry</i>		12	<i>Cords</i>		
	<i>Red Maple</i>		288	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
20 con't	<i>Yellow Birch</i>	<i>Pulpwood</i>	98	<i>Cords</i>		
	Mixed Spruce		28	Cords		
	<i>Black Spruce</i>		26	<i>Cords</i>		
	<i>White Spruce</i>		2	<i>Cords</i>		
21	Red Maple	Sawtimber	5.7	MBF	27.4	\$9,403.25
	Balsam Fir	Pulpwood	49	Cords		
	Mixed Hardwood		221	Cords		
	<i>Red Maple</i>		120	<i>Cords</i>		
	<i>Yellow Birch</i>		101	<i>Cords</i>		
	Mixed Spruce		207	Cords		
	<i>Black Spruce</i>		197	<i>Cords</i>		
	<i>White Spruce</i>		10	<i>Cords</i>		
	Tamarack		24	Cords		
22	Black Ash	Sawtimber	31.2	MBF	27.4	\$16,525.80
	Red Maple		15.3	MBF		
	Sugar Maple		1.8	MBF		
	White Spruce		6.9	MBF		
	Yellow Birch		15.6	MBF		
	Balsam Fir	Pulpwood	62	Cords		
	Mixed Hardwood		755	Cords		
	<i>Black Ash</i>		326	<i>Cords</i>		
	<i>Red Maple</i>		325	<i>Cords</i>		
	<i>Sugar Maple</i>		7	<i>Cords</i>		
	<i>Yellow Birch</i>		97	<i>Cords</i>		
	Mixed Spruce		52	Cords		
	<i>Black Spruce</i>	Sawtimber	5.0	MBF		
	<i>Black Spruce</i>	Pulpwood	21	Cords		
	<i>White Spruce</i>		21	Cords		
23	Black Ash	Sawtimber	15.2	MBF	13.4	\$8,118.50
	Red Maple		7.5	MBF		
	Sugar Maple		0.9	MBF		
	White Spruce		3.4	MBF		
	Yellow Birch		7.6	MBF		
	Balsam Fir	Pulpwood	31	Cords		
	Mixed Hardwood		370	Cords		
	<i>Black Ash</i>		159	<i>Cords</i>		
	<i>Red Maple</i>		159	<i>Cords</i>		
	<i>Sugar Maple</i>		4	<i>Cords</i>		
	<i>Yellow Birch</i>		48	<i>Cords</i>		
	Mixed Spruce		26	Cords		
	<i>Black Spruce</i>	Sawtimber	2.5	MBF		
	<i>Black Spruce</i>	Pulpwood	11	Cords		
	<i>White Spruce</i>		10	Cords		
24	Black Ash	Sawtimber	1.8	MBF	31.9	\$15,878.95
	Red Maple		22.2	MBF		
	White Spruce		2.3	MBF		
	Yellow Birch		14.2	MBF		
	Balsam Fir	Pulpwood	99	Cords		
	Mixed Hardwood		681	Cords		
	<i>Black Ash</i>		83	<i>Cords</i>		
	<i>Black Cherry</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		402	<i>Cords</i>		
	<i>Sugar Maple</i>		20	<i>Cords</i>		
	<i>Yellow Birch</i>		169	<i>Cords</i>		
	Mixed Spruce		51	Cords		
	<i>Black Spruce</i>	Sawtimber	2.8	MBF		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
24 con't	<i>Black Spruce</i>	<i>Pulpwood</i>	44	<i>Cords</i>		
	<i>White Spruce</i>		1	<i>Cords</i>		
TOTAL:			1,410.0	MBF		
TOTAL:			6,313	Cords		

Sale Specific Conditions & Requirements

Sale Name: Mammoth Maple

Sale Number: 32-001-22 Seq#: 1

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 red and yellow 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. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-18, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, all merchantable spruce/fir are designated for cutting.

2.1.7 - Leave tree marked unit(s) (6/14)

Within Payment Unit(s) 19 - 24, cut all trees that are two (2) inches or more at DBH except species cedar, hemlock, pine, and trees marked with green paint above and below stump height.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible across the sale area 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.

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 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.

4.1.6 - 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. 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.

4.1.8 - Road work (1) (8/07)

The following road work is required: The Purchaser must haul and spread a minimum of 300 yards of gravel material. This material is to be placed on state land roads accessing the timber sale area. It will be used to fill and maintain soft holes and stretches in the roadway. Material is to be hauled before trucking begins.

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. Depending on the time of year, multiple areas may require fill material for access across the sale area. 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. The DNR has contacted the private landowner and they are willing to allow access to the Purchaser.

4.4.3 - Access gate (12/08)

The access gate must be closed and/or at all times unless otherwise approved by the Unit Manager or his/her representative and the private landowner.

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 3 business 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, Payment Unit(s) 19 - 24 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

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1 - 18, 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.

5.2.17 - Timber Mats and Interlocking Composite Mats (10/20)

Some roads or skid trails may require extra protection such as that afforded by timber mats or another approved system. If available, mats may be borrowed from the DNR. A Timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's mats. Contact the sale administrator regarding availability and pick-up. Timber mats are available from various field offices. The Purchaser is responsible for picking up and hauling the mats to and from the site. Contact the sale administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 19 - 24, cutting and skidding occur during dry summer or frozen winter conditions. The reason for the recommendation is because of areas with saturated ground within the sale.

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.

5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

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 Maple Grove Road and the sale access 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.



Sale Number	Year
32-001	22

TIMBER SALE MAP

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

Forest Management Unit	County	Mapped By	Date	Page	of
Gwinn Management Unit	Marquette	Brolin	08/05/2022	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
45N	23W	Sections 19, 20, 28, 29, and 30	1:31,680		

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				

PU Acres	PU Acres	PU Acres	PU Acres	PU Acres	PU Acres
1	22.2	7	3.9	13	23.1
2	19.7	8	30.0	14	22.7
3	21.3	9	20.5	15	20.8
4	8.9	10	27.6	16	25.6
5	16.5	11	21.9	17	20.8
6	13.8	12	22.6	18	24.9
				19	19.5
				20	20.7
				21	27.4
				22	27.4
				23	13.4
				24	31.9

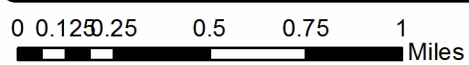
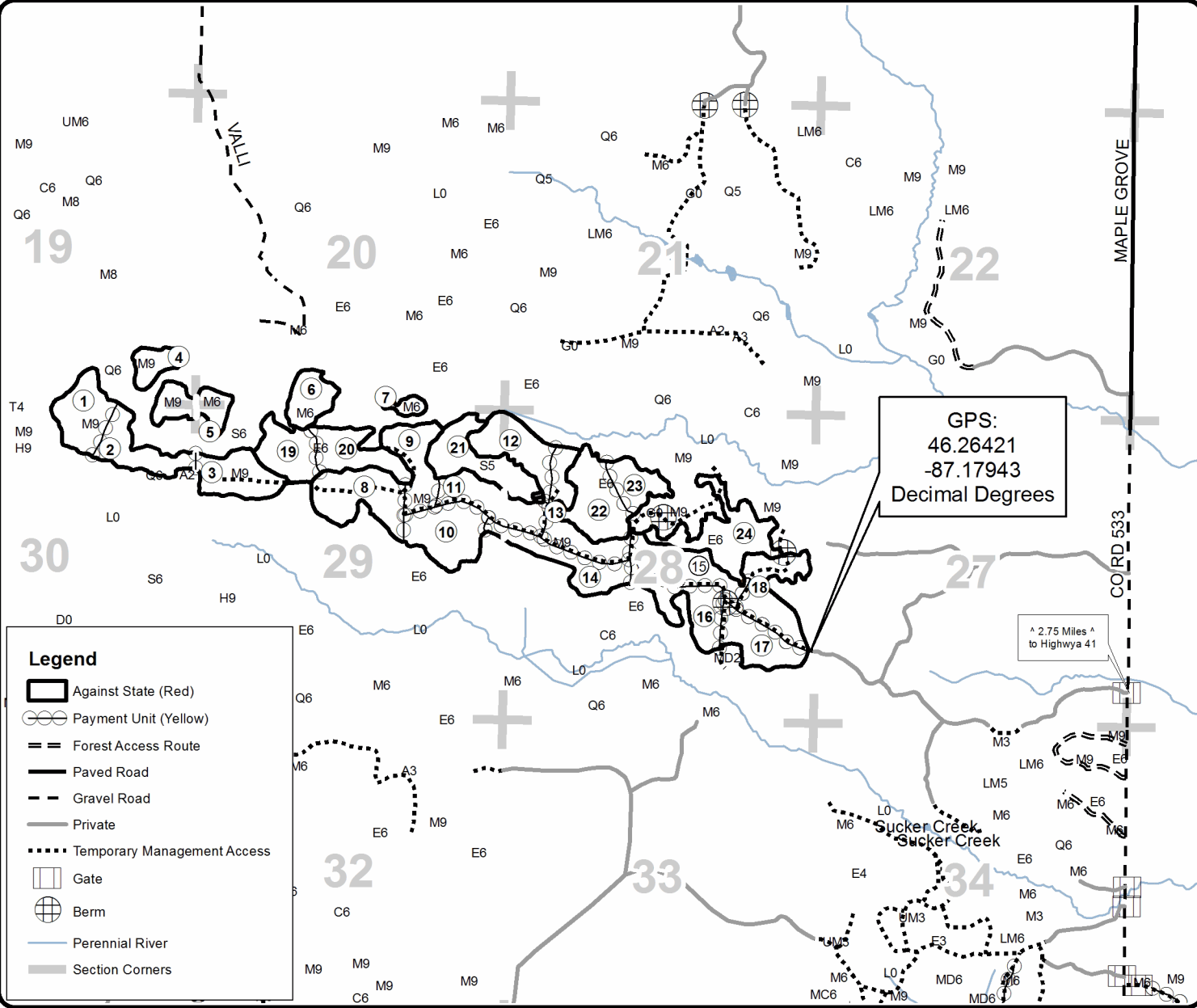
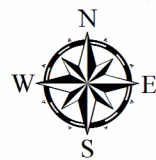
Mammoth Maple

Compartments 2, 3, and 4

507.1 Acres



QR code for PDF Maps app



TIMBER SALE INFORMATION

Moose Mattress (32-003-22)

T43N, R25W, SEC. 10; T43N, R25W, SEC. 11; T43N, R25W, SEC. 2; T43N, R25W, SEC. 3.
Marquette County (Advertised Price \$142,902.45)

SALE NOTE: Roadwork is required for this sale. Gravel is on site, it just needs to be hauled and spread (see Spec 4.1.8 and the Timber Sale Map). Private property access may be beneficial to access some Payment Units (see Specs 4.4.1 and 4.4.3).

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		
Black Cherry	1.4 MBF	\$ 84.00 / MBF
Paper Birch	2.4 MBF	\$ 54.00 / MBF
Red Maple	62.1 MBF	\$ 126.00 / MBF
Sugar Maple	243.3 MBF	\$ 176.00 / MBF
Pulpwood		
Balsam Fir	275 Cords	\$ 14.20 / Cord
Mixed Aspen	2,098 Cords	\$ 23.15 / Cord
Mixed Hardwood	2,078 Cords	\$ 14.90 / Cord
Mixed Spruce	423 Cords	\$ 19.65 / Cord
Tamarack	10 Cords	\$ 26.20 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 11.70 percent. There are an estimated 5,384 cords on this timber sale, plus or minus 630 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 \$7,145.00 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	5.7%
02	3.1%
03	0.5%
04	0.5%
05	3.2%
06	3.3%
07	6.2%
08	5.2%
09	5.6%
10	4.7%
11	2.7%
12	3.1%
13	9.8%
14	9.0%
15	4.0%
16	9.2%
17	10.2%
18	6.2%
19	4.5%
20	1.3%
21	2.0%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 08/31/2027.

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
425,358	5,384	11.70%	4,754	6,015

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	120,704	1,528	14.71%	1,303	1,753
2	13,070	165	29.56%	117	214
3	16,837	213	71.23%	61	365
4	142,863	1,808	18.64%	1,471	2,145
5	27,475	348	48.55%	179	517
6	87,690	1,110	23.13%	853	1,367
7	8,407	106	105.27%	6	218
8	8,314	105	88.48%	12	198
TOTAL:	425,358	5,384		3,991	6,777

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	132.0	1	18.7
		4	1.6
		5	10.5
		6	11.0
		7	20.4
		8	17.0
		9	18.2
		10	15.5
		11	8.9
		12	10.2
		2	19.6
2	23.2	3	3.6
		15	10.6
3	10.6	16	22.5
		17	24.3
4	62.0	18	15.2
		19	13.6
5	13.6	13	19.8
		14	18.3
6	38.1	20	5.0
		21	7.7
7	5.0		
8	7.7		
TOTAL:	292.2		292.2

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	5.9	MBF	18.7	\$8,178.15
	Sugar Maple		30.6	MBF		
	Balsam Fir	Pulpwood	11	Cords		
	Mixed Aspen		5	Cords		
	<i>B. T. Aspen</i>		1	<i>Cords</i>		
	<i>Quaking Aspen</i>		4	<i>Cords</i>		
	Mixed Hardwood		114	Cords		
	<i>Red Maple</i>		16	<i>Cords</i>		
	<i>Sugar Maple</i>		98	<i>Cords</i>		
	Mixed Spruce		4	Cords		
	<i>White Spruce</i>		4	<i>Cords</i>		
2	Sugar Maple	Sawtimber	16.5	MBF	19.6	\$4,362.80
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Hardwood		96	Cords		
	<i>Black Ash</i>		1	<i>Cords</i>		
	<i>Sugar Maple</i>		95	<i>Cords</i>		
3	Sugar Maple	Sawtimber	3.0	MBF	3.6	\$781.30
	Mixed Hardwood	Pulpwood	17	Cords		
	<i>Sugar Maple</i>		17	<i>Cords</i>		
4	Red Maple	Sawtimber	0.5	MBF	1.6	\$668.90
	Sugar Maple		2.6	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Hardwood		9	Cords		
	<i>Red Maple</i>		1	<i>Cords</i>		
<i>Sugar Maple</i>		8	<i>Cords</i>			
5	Red Maple	Sawtimber	3.3	MBF	10.5	\$4,590.55
	Sugar Maple		17.2	MBF		
	Balsam Fir	Pulpwood	6	Cords		
	Mixed Aspen		3	Cords		
	<i>B. T. Aspen</i>		1	<i>Cords</i>		
	<i>Quaking Aspen</i>		2	<i>Cords</i>		
	Mixed Hardwood		64	Cords		
	<i>Red Maple</i>		9	<i>Cords</i>		
	<i>Sugar Maple</i>		55	<i>Cords</i>		
	Mixed Spruce		2	Cords		
	<i>White Spruce</i>		2	<i>Cords</i>		
6	Red Maple	Sawtimber	3.4	MBF	11.0	\$4,773.75
	Sugar Maple		18.0	MBF		
	Balsam Fir	Pulpwood	6	Cords		
	Mixed Aspen		3	Cords		
	<i>B. T. Aspen</i>		1	<i>Cords</i>		
	<i>Quaking Aspen</i>		2	<i>Cords</i>		
	Mixed Hardwood		66	Cords		
	<i>Red Maple</i>		9	<i>Cords</i>		
	<i>Sugar Maple</i>		57	<i>Cords</i>		
	Mixed Spruce		2	Cords		
	<i>White Spruce</i>		2	<i>Cords</i>		
7	Red Maple	Sawtimber	6.3	MBF	20.4	\$8,879.00
	Sugar Maple		33.5	MBF		
	Balsam Fir	Pulpwood	12	Cords		
	Mixed Aspen		4	Cords		
	<i>Quaking Aspen</i>		4	<i>Cords</i>		
	Mixed Hardwood		124	Cords		
	<i>Red Maple</i>		17	<i>Cords</i>		
	<i>Sugar Maple</i>		107	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	Mixed Spruce	Pulpwood	4	Cords		
	<i>White Spruce</i>		4	<i>Cords</i>		
8	Red Maple	Sawtimber	5.3	MBF	17.0	\$7,388.85
	Sugar Maple		27.8	MBF		
	Balsam Fir	Pulpwood	10	Cords		
	Mixed Aspen		4	Cords		
	<i>B. T. Aspen</i>		1	<i>Cords</i>		
	<i>Quaking Aspen</i>		3	<i>Cords</i>		
	Mixed Hardwood		103	Cords		
	<i>Red Maple</i>		14	<i>Cords</i>		
	<i>Sugar Maple</i>		89	<i>Cords</i>		
	Mixed Spruce		3	Cords		
	<i>White Spruce</i>		3	<i>Cords</i>		
9	Red Maple	Sawtimber	5.7	MBF	18.2	\$7,938.35
	Sugar Maple		29.8	MBF		
	Balsam Fir	Pulpwood	10	Cords		
	Mixed Aspen		5	Cords		
	<i>B. T. Aspen</i>		1	<i>Cords</i>		
	<i>Quaking Aspen</i>		4	<i>Cords</i>		
	Mixed Hardwood		110	Cords		
	<i>Red Maple</i>		15	<i>Cords</i>		
	<i>Sugar Maple</i>		95	<i>Cords</i>		
	Mixed Spruce		4	Cords		
	<i>White Spruce</i>		4	<i>Cords</i>		
10	Red Maple	Sawtimber	4.9	MBF	15.5	\$6,767.75
	Sugar Maple		25.4	MBF		
	Balsam Fir	Pulpwood	9	Cords		
	Mixed Aspen		4	Cords		
	<i>B. T. Aspen</i>		1	<i>Cords</i>		
	<i>Quaking Aspen</i>		3	<i>Cords</i>		
	Mixed Hardwood		94	Cords		
	<i>Red Maple</i>		13	<i>Cords</i>		
	<i>Sugar Maple</i>		81	<i>Cords</i>		
	Mixed Spruce		3	Cords		
	<i>White Spruce</i>		3	<i>Cords</i>		
11	Red Maple	Sawtimber	2.8	MBF	8.9	\$3,868.70
	Sugar Maple		14.6	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Mixed Aspen		2	Cords		
	<i>Quaking Aspen</i>		2	<i>Cords</i>		
	Mixed Hardwood		53	Cords		
	<i>Red Maple</i>		7	<i>Cords</i>		
	<i>Sugar Maple</i>		46	<i>Cords</i>		
	Mixed Spruce		2	Cords		
	<i>White Spruce</i>		2	<i>Cords</i>		
	12	Red Maple	Sawtimber	3.2		
Sugar Maple			16.7	MBF		
Balsam Fir		Pulpwood	6	Cords		
Mixed Aspen			3	Cords		
<i>B. T. Aspen</i>			1	<i>Cords</i>		
<i>Quaking Aspen</i>			2	<i>Cords</i>		
Mixed Hardwood			62	Cords		
<i>Red Maple</i>			9	<i>Cords</i>		
<i>Sugar Maple</i>			53	<i>Cords</i>		
Mixed Spruce			2	Cords		
<i>White Spruce</i>			2	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
13	Sugar Maple	Sawtimber	0.7	MBF	19.8	\$13,985.00
	Balsam Fir	Pulpwood	41	Cords		
	Mixed Aspen		495	Cords		
	<i>Quaking Aspen</i>		495	<i>Cords</i>		
	Mixed Hardwood		47	Cords		
	<i>Sugar Maple</i>		47	<i>Cords</i>		
	Mixed Spruce		57	Cords		
	<i>Black Spruce</i>		20	<i>Cords</i>		
	<i>White Spruce</i>		37	<i>Cords</i>		
14	Sugar Maple	Sawtimber	0.6	MBF	18.3	\$12,911.10
	Balsam Fir	Pulpwood	37	Cords		
	Mixed Aspen		458	Cords		
	<i>Quaking Aspen</i>		458	<i>Cords</i>		
	Mixed Hardwood		44	Cords		
	<i>Sugar Maple</i>		44	<i>Cords</i>		
	Mixed Spruce		52	Cords		
	<i>Black Spruce</i>		19	<i>Cords</i>		
	<i>White Spruce</i>		33	<i>Cords</i>		
15	Balsam Fir	Pulpwood	15	Cords	10.6	\$5,778.40
	Mixed Aspen		204	Cords		
	<i>Quaking Aspen</i>		204	<i>Cords</i>		
	Mixed Hardwood		17	Cords		
	<i>Black Cherry</i>		3	<i>Cords</i>		
	<i>Sugar Maple</i>		14	<i>Cords</i>		
	Mixed Spruce		30	Cords		
<i>White Spruce</i>		30	<i>Cords</i>			
16	Black Cherry	Sawtimber	0.5	MBF	22.5	\$13,209.80
	Red Maple		5.6	MBF		
	Sugar Maple		2.3	MBF		
	Balsam Fir	Pulpwood	24	Cords		
	Mixed Aspen		279	Cords		
	<i>Quaking Aspen</i>		279	<i>Cords</i>		
	Mixed Hardwood		341	Cords		
	<i>Black Cherry</i>		59	<i>Cords</i>		
	<i>Paper Birch</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		185	<i>Cords</i>		
	<i>Sugar Maple</i>		95	<i>Cords</i>		
	Mixed Spruce		9	Cords		
	<i>White Spruce</i>		9	<i>Cords</i>		
17	Black Cherry	Sawtimber	0.6	MBF	24.3	\$14,287.30
	Red Maple		6.0	MBF		
	Sugar Maple		2.5	MBF		
	Balsam Fir	Pulpwood	25	Cords		
	Mixed Aspen		302	Cords		
	<i>Quaking Aspen</i>		302	<i>Cords</i>		
	Mixed Hardwood		369	Cords		
	<i>Black Cherry</i>		63	<i>Cords</i>		
	<i>Paper Birch</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		201	<i>Cords</i>		
	<i>Sugar Maple</i>		103	<i>Cords</i>		
	Mixed Spruce		10	Cords		
	<i>White Spruce</i>		10	<i>Cords</i>		
18	Black Cherry	Sawtimber	0.3	MBF	15.2	\$8,915.45
	Red Maple		3.8	MBF		
	Sugar Maple		1.5	MBF		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
18 con't	Balsam Fir	Pulpwood	16	Cords			
	Mixed Aspen		189	Cords			
	<i>Quaking Aspen</i>		189	<i>Cords</i>			
	Mixed Hardwood		230	Cords			
	<i>Black Cherry</i>		40	<i>Cords</i>			
	<i>Paper Birch</i>		1	<i>Cords</i>			
	<i>Red Maple</i>		125	<i>Cords</i>			
	<i>Sugar Maple</i>		64	<i>Cords</i>			
	Mixed Spruce		6	Cords			
	<i>White Spruce</i>		6	<i>Cords</i>			
19	Paper Birch	Sawtimber	2.4	MBF	13.6	\$6,400.45	
	Red Maple	Pulpwood	5.4	MBF			
	Balsam Fir		8	Cords			
	Mixed Hardwood		77	Cords			
	<i>Paper Birch</i>		21	<i>Cords</i>			
	<i>Red Maple</i>		56	<i>Cords</i>			
	Mixed Spruce		207	Cords			
	<i>Black Spruce</i>		207	<i>Cords</i>			
	Tamarack		10	Cords			
	20		Balsam Fir	Pulpwood			26
Mixed Aspen			27		Cords		
<i>Quaking Aspen</i>		27	<i>Cords</i>				
Mixed Hardwood		41	Cords				
<i>Red Maple</i>		41	<i>Cords</i>				
Mixed Spruce		16	Cords				
<i>White Spruce</i>		16	<i>Cords</i>				
21	Balsam Fir	Pulpwood	5	Cords	7.7	\$2,837.15	
	Mixed Aspen		111	Cords			
	<i>Quaking Aspen</i>		111	<i>Cords</i>			
	Mixed Spruce		10	Cords			
	<i>White Spruce</i>		10	<i>Cords</i>			
TOTAL:			309.2	MBF			
TOTAL:			4,884	Cords			

Sale Specific Conditions & Requirements

Sale Name: Moose Mattress

Sale Number: 32-003-22 Seq#: 1

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 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. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 13-21, cut all trees that are two (2) inches or more at DBH, except do not cut cedar, hemlock, and pine. In addition, within Payment Units 20 and 21, do not cut black cherry.

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

Within Payment Unit(s) 1-12, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, spruce/fir trees which meet minimum piece specifications in 2.2 Utilization are designated for cutting.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet within Payment Units 1-12 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 Payment Units 1-12.

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 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.

4.1.6 - 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. 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.

4.1.8 - Road work (1) (8/07)

The following road work is required: Haul and spread approximately 720 yards of gravel material to fill holes spanning the entire distance up the Escanaba River Road. All of the material needed is staged at the beginning of the Escanaba River Road. See the attached "Required Roadwork" maps for material estimates and locations.

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. Depending on the time of year, multiple areas may require fill material for access across the sale area. 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. Payment Units 3-7, 13, and 14 may be more easily accessed with existing roads through private. These Payment Units may also be accessed through state forest land with new road construction shown on the timber sale map from the west.

4.4.3 - Access gate (12/08)

If private property access is used, the access gate must be locked at all times unless approved by the Unit Manager or his/her representative and the private landowner. This is to prevent someone other than the Purchaser from going through the gate.

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 3 business 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, Payment Units 13-21 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

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1-12, 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.

5.2.17 - Timber Mats and Interlocking Composite Mats (10/20)

Some roads or skid trails may require extra protection such as that afforded by timber mats. Specifically, access into Payment Units 6 and 7 may need extra protection. If available, mats may be borrowed from the DNR. A Timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's mats. Contact the sale administrator regarding availability and pick-up. Timber mats are available from various field offices. The Purchaser is responsible for picking up and hauling the mats to and from the site. Contact the sale administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants.

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 and 7, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation due to wet access from both the north or south into the Payment Unit area.

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.

5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

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 the Escanaba River 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.



TIMBER SALE MAP

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

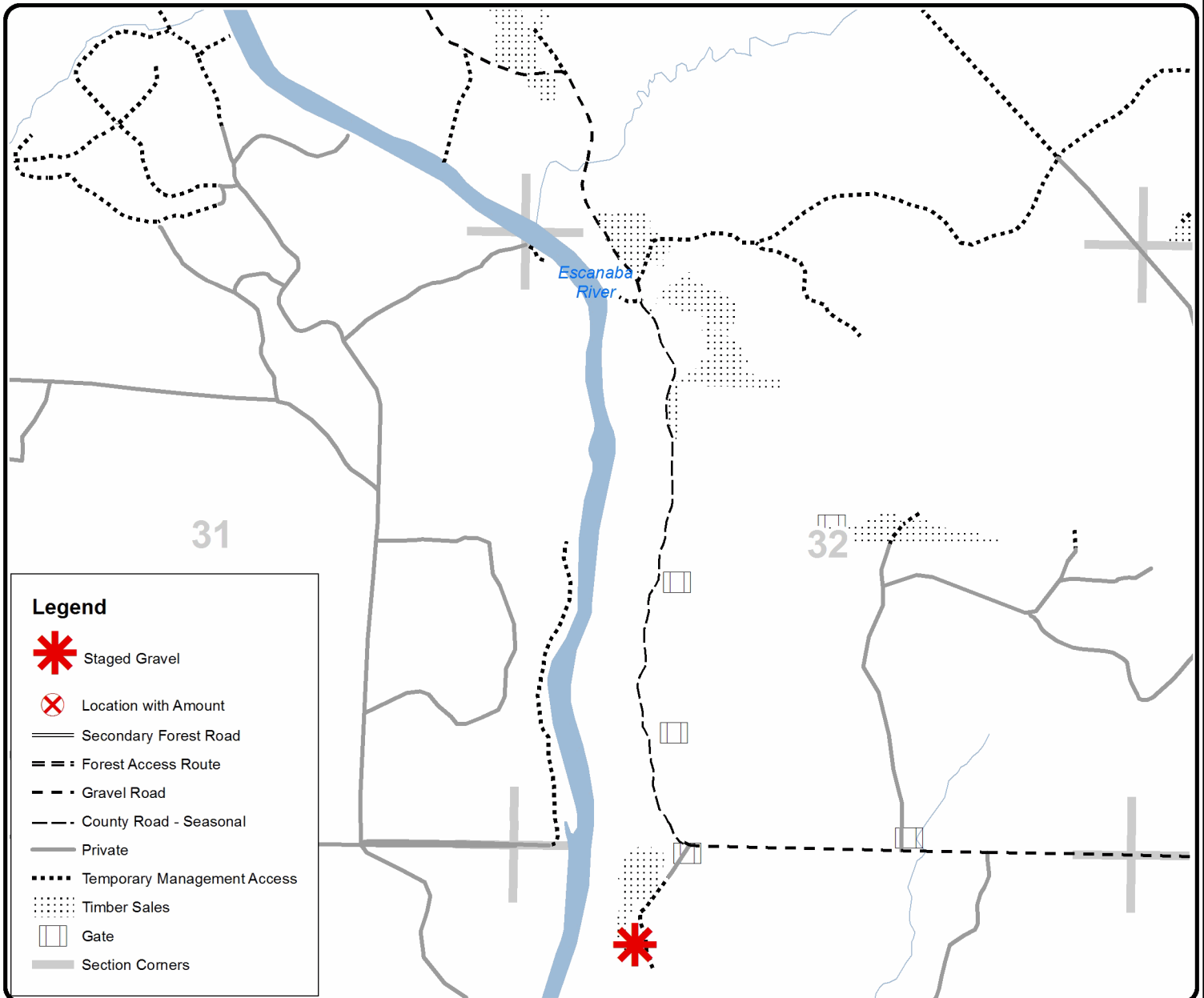
Forest Management Unit	County	Mapped By	Date	Page	of
Gwinn Management Unit	Marquette	Brolin	09/26/2022	1	5
Township	Range	Section(s) and Subdivision(s)	Scale		
43N	25W	Sections 2, 3, 10, and 11	1:15,840		

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 = White 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			

Moose Mattress Required Roadwork 1

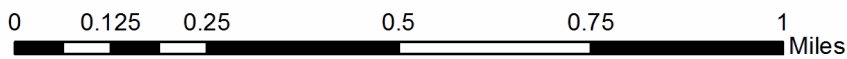


QR code for PDF Maps app



Legend

- Staged Gravel
- Location with Amount
- Secondary Forest Road
- Forest Access Route
- Gravel Road
- County Road - Seasonal
- Private
- Temporary Management Access
- Timber Sales
- Gate
- Section Corners





Sale Number	Year
32-003	22

TIMBER SALE MAP

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

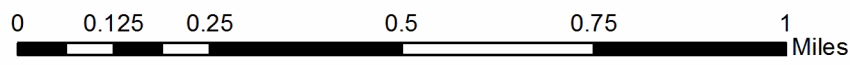
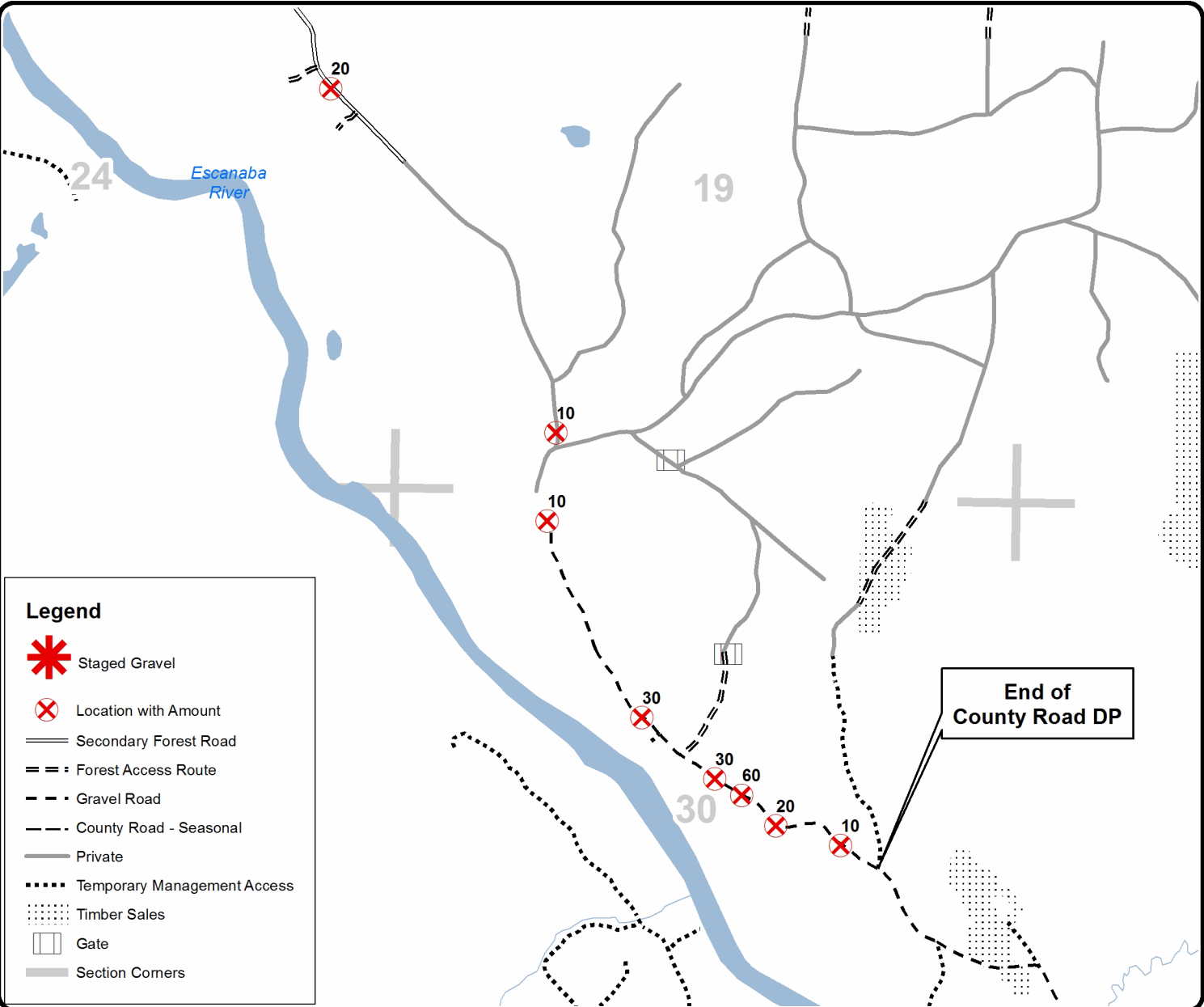
Forest Management Unit	County	Mapped By	Date	Page	of
Gwinn Management Unit	Marquette	Brolin	09/26/2022	2	5
Township	Range	Section(s) and Subdivision(s)	Scale		
43N	25W	Sections 2, 3, 10, and 11	1:15,840		

Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
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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			

Moose Mattress Required Roadwork 2



QR code for PDF Maps app





Sale Number	Year
32-003	22

TIMBER SALE MAP

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

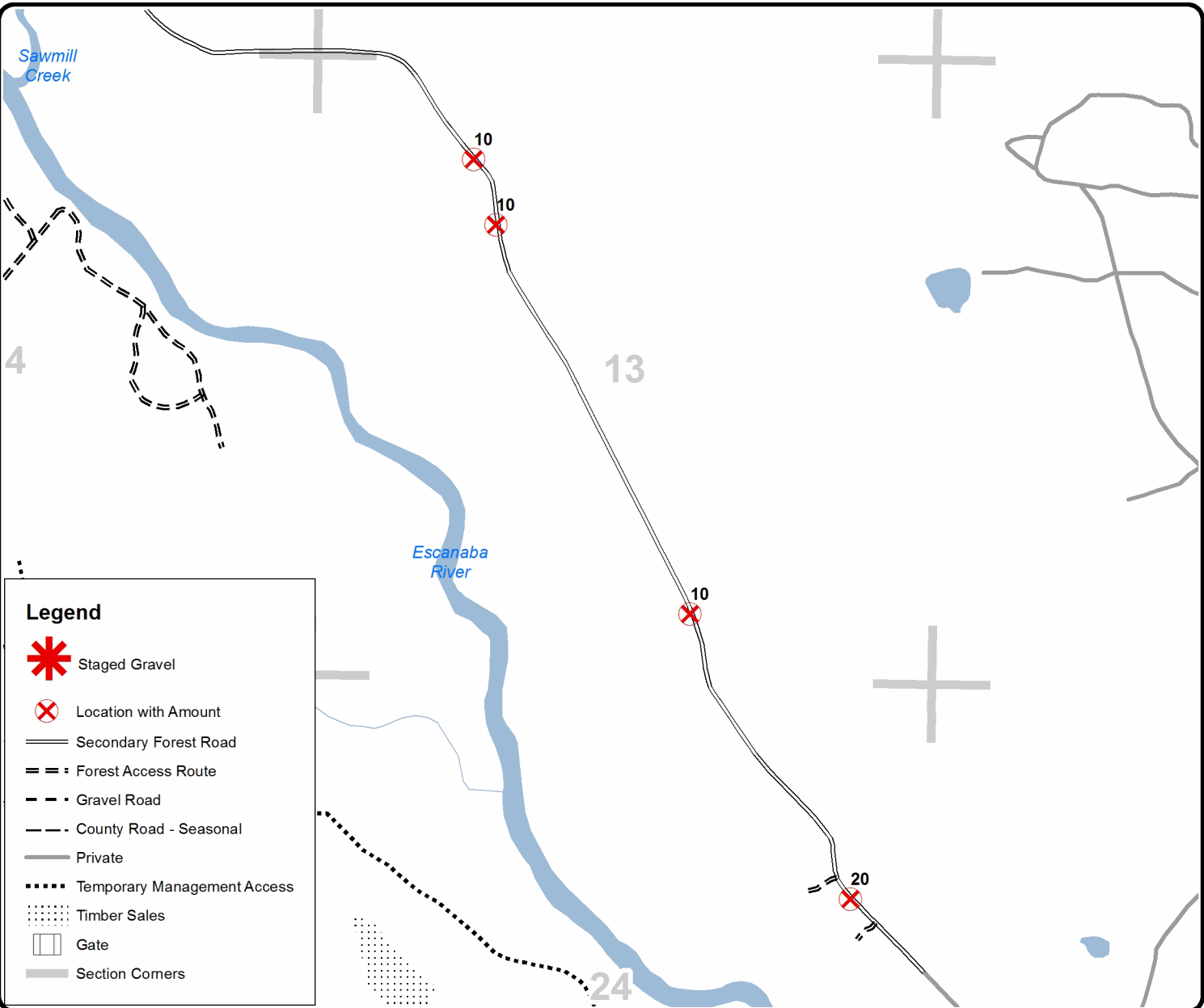
Forest Management Unit	County	Mapped By	Date	Page	of
Gwinn Management Unit	Marquette	Brolin	09/26/2022	3	5
Township	Range	Section(s) and Subdivision(s)	Scale		
43N	25W	Sections 2, 3, 10, and 11	1:15,840		

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			

Moose Mattress Required Roadwork 3

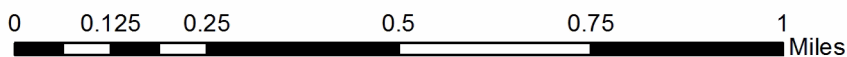


QR code for PDF Maps app



Legend

- Staged Gravel
- Location with Amount
- Secondary Forest Road
- Forest Access Route
- Gravel Road
- County Road - Seasonal
- Private
- Temporary Management Access
- Timber Sales
- Gate
- Section Corners





Sale Number	Year
32-003	22

TIMBER SALE MAP

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

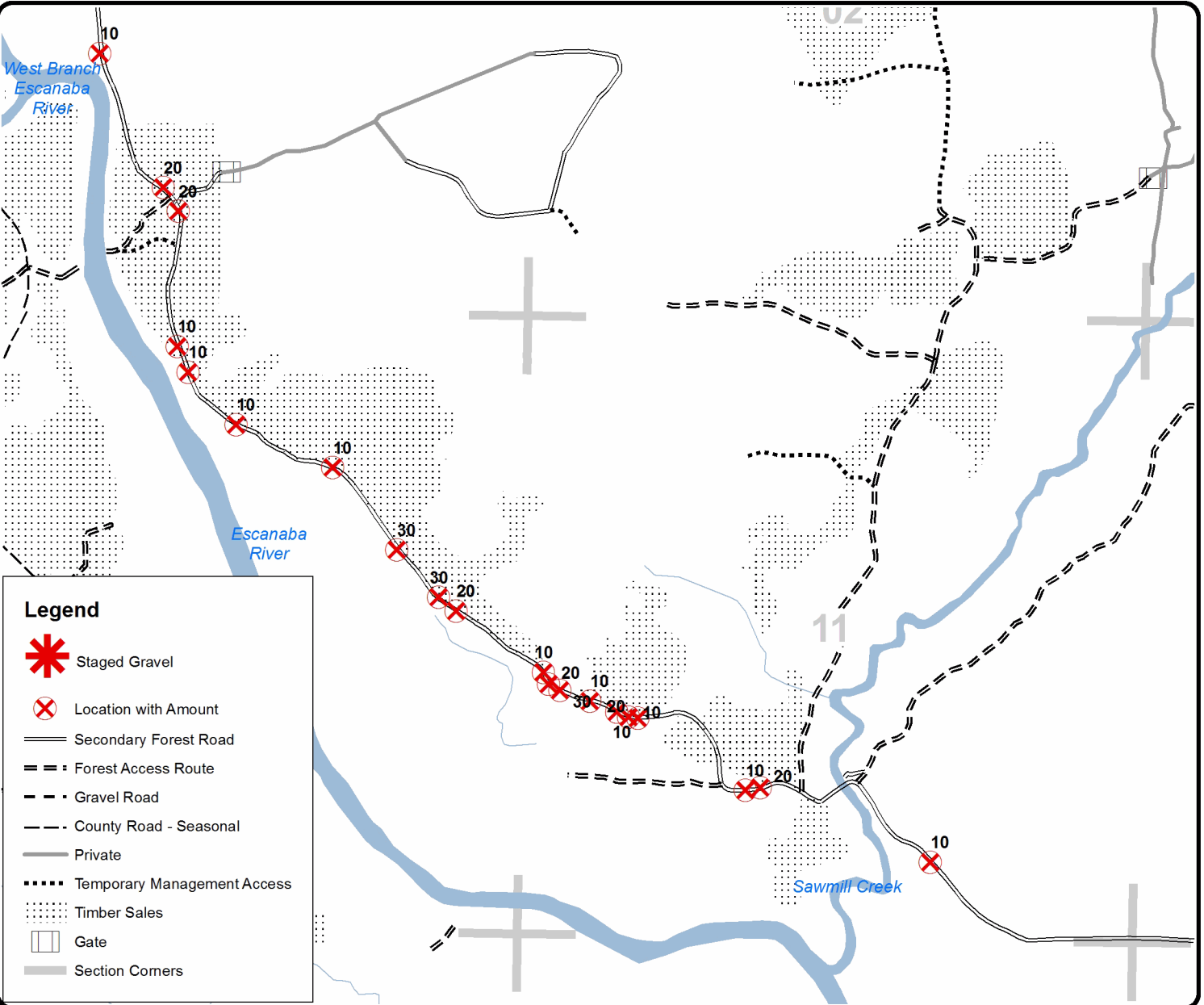
Forest Management Unit	County	Mapped By	Date	Page	of
Gwinn Management Unit	Marquette	Brolin	09/26/2022	4	5
Township	Range	Section(s) and Subdivision(s)	Scale		
43N	25W	Sections 2, 3, 10, and 11	1:15,840		

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
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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			

Moose Mattress Required Roadwork 4

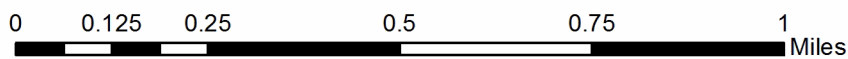


QR code for PDF Maps app



Legend

- Staged Gravel
- Location with Amount
- Secondary Forest Road
- Forest Access Route
- Gravel Road
- County Road - Seasonal
- Private
- Temporary Management Access
- Timber Sales
- Gate
- Section Corners





Sale Number	Year
32-003	22

TIMBER SALE MAP

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

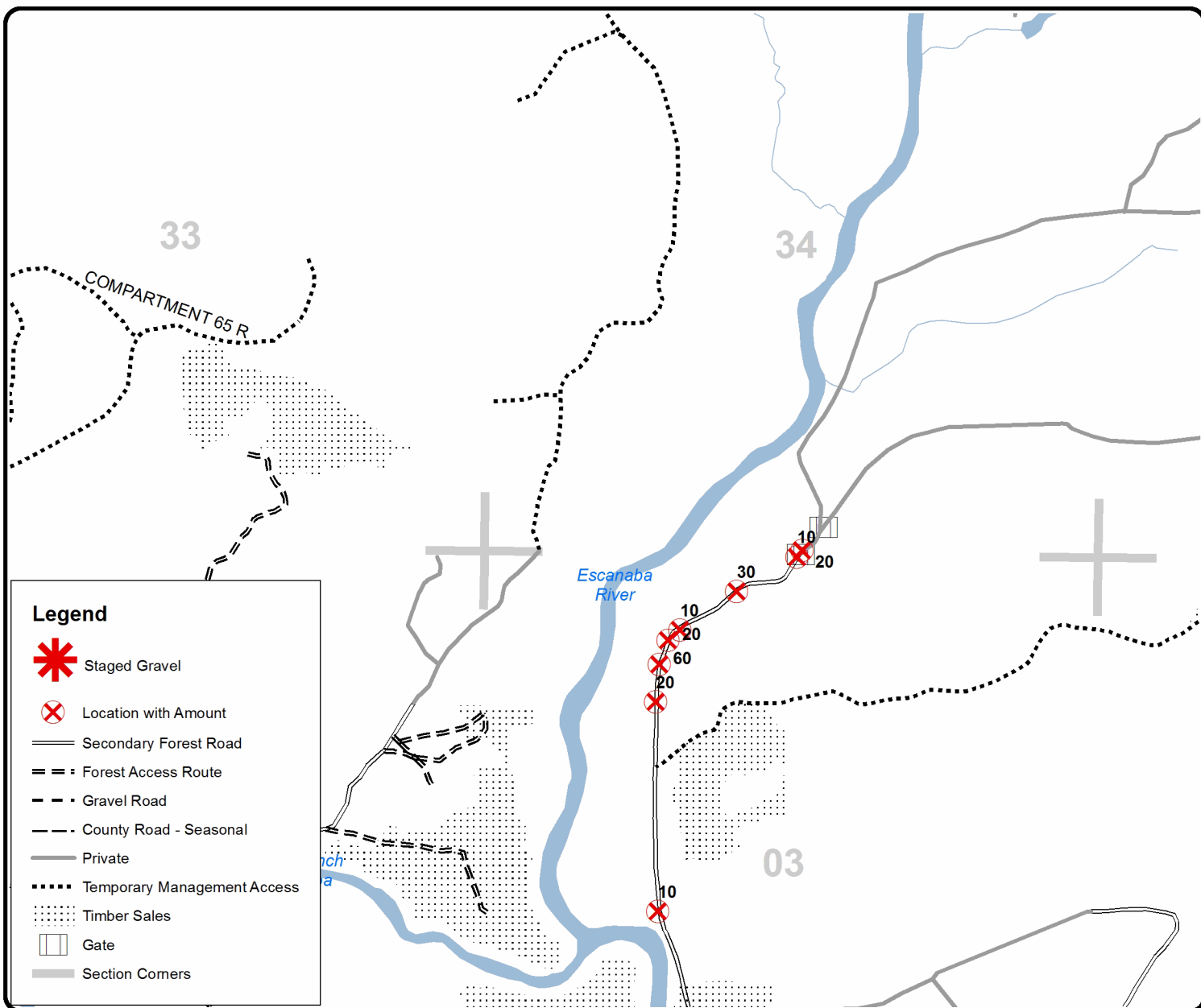
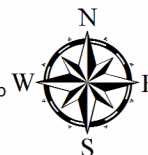
Forest Management Unit	County	Mapped By	Date	Page	of
Gwinn Management Unit	Marquette	Brolin	09/26/2022	5	5
Township	Range	Section(s) and Subdivision(s)	Scale		
43N	25W	Sections 2, 3, 10, and 11	1:15,840		

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			

Moose Mattress Required Roadwork 5

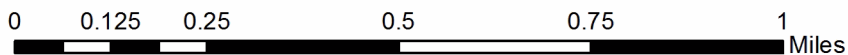


QR code for PDF Maps app



Legend

- Staged Gravel
- Location with Amount
- Secondary Forest Road
- Forest Access Route
- Gravel Road
- County Road - Seasonal
- Private
- Temporary Management Access
- Timber Sales
- Gate
- Section Corners





Sale Number	Year
32-003	22

TIMBER SALE MAP

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

Forest Management Unit	County	Mapped By	Date	Page	of
Gwinn Management Unit	Marquette	Brolin	09/06/2022	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
43N	25W	Sections 2, 3, 10, and 11	1:31,680		

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	PU Acres	PU Acres
1 18.7	7 20.4	13 19.8	19 13.6
2 19.6	8 17.0	14 18.3	20 5.0
3 3.6	9 18.2	15 10.6	21 7.7
4 1.6	10 15.5	16 22.5	
5 10.5	11 8.9	17 24.3	
6 11.0	12 10.2	18 15.2	

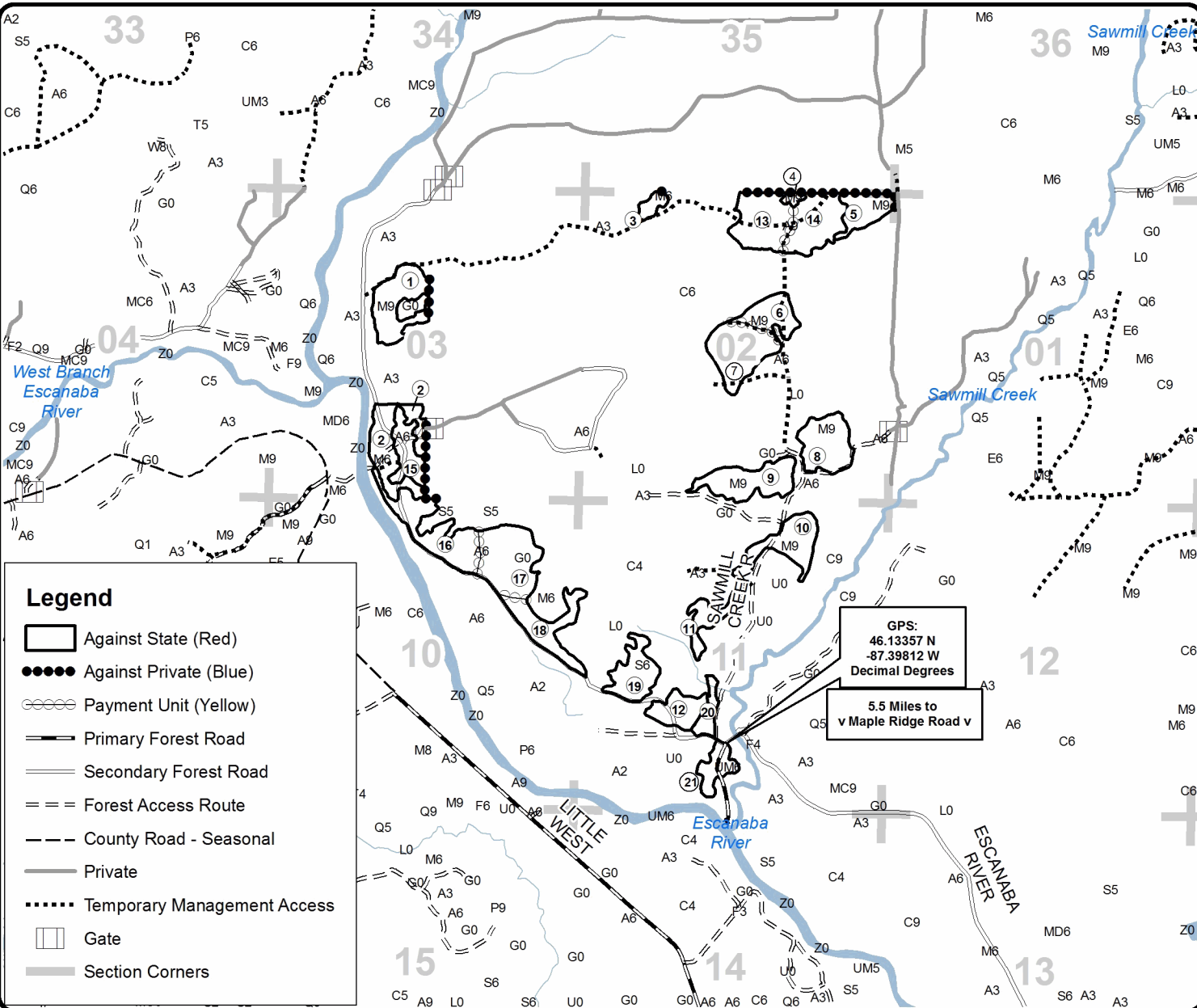
Moose Mattress

Compartment 76

292.2 Acres



QR code for PDF Maps app

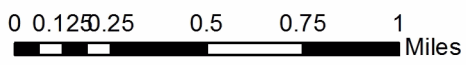


Legend

- Against State (Red)
- Against Private (Blue)
- Payment Unit (Yellow)
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- County Road - Seasonal
- Private
- Temporary Management Access
- Gate
- Section Corners

GPS:
46.13357 N
-87.39812 W
Decimal Degrees

5.5 Miles to
v Maple Ridge Road v



TIMBER SALE INFORMATION

Corner River (32-004-22)

T43N, R25W, SEC. 10; T43N, R25W, SEC. 3; T43N, R25W, SEC. 4; T43N, R25W, SEC. 9.
Marquette County (Advertised Price \$109,075.90)

SALE NOTE: Some Payment Units have received damage from spruce budworm. Little West Road is a County Road for approximately 3 miles off of County Road 557 and spans across the entire sale area. Little West Road is an ORV/snowmobile trail and must be properly signed and protected.

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.

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	8.2 MBF	\$ 32.00 / MBF
Black Cherry	1.4 MBF	\$ 84.00 / MBF
Paper Birch	2.1 MBF	\$ 54.00 / MBF
Red Maple	18.2 MBF	\$ 126.00 / MBF
Red Pine	1.3 MBF	\$ 128.00 / MBF
Sugar Maple	141.4 MBF	\$ 176.00 / MBF
Pulpwood		
Balsam Fir	377 Cords	\$ 14.20 / Cord
Mixed Aspen	1,893 Cords	\$ 23.15 / Cord
Mixed Hardwood	1,594 Cords	\$ 14.90 / Cord
Red Pine	38 Cords	\$ 54.75 / Cord
White Spruce	317 Cords	\$ 19.65 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.75 percent. There are an estimated 4,526 cords on this timber sale, plus or minus 577 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 \$5,454.00 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	10.4%
02	2.0%
03	4.7%
04	3.8%
05	6.5%
06	6.9%
07	8.6%
08	7.3%
09	0.7%
10	9.6%
11	1.1%
12	7.3%
13	17.3%
14	13.8%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 08/30/2026.

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
357,574	4,526	12.75%	3,949	5,104

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	44,083	558	18.83%	453	663
2	45,378	574	20.97%	454	695
3	33,112	419	34.52%	274	564
4	110,368	1,397	16.79%	1,163	1,632
5	49,624	628	32.76%	422	834
6	2,571	33	49.23%	17	49
7	42,629	540	34.97%	351	728
8	21,261	269	38.63%	165	373
9	8,548	108	41.78%	63	153
TOTAL:	357,574	4,526		3,362	5,691

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	58.5	4	12.8
		5	22.2
		6	23.5
2	35.9	7	19.4
		8	16.5
3	14.0	12	14.0
		13	20.0
4	35.8	14	15.8
		10	16.4
5	18.3	11	1.9
		9	3.6
6	3.6	9	3.6
7	12.3	1	12.3
8	13.2	3	13.2
9	12.1	2	12.1
TOTAL:	203.7		203.7

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Sugar Maple	Sawtimber	3.9	MBF	12.3	\$11,329.30
	Balsam Fir	Pulpwood	101	Cords		
	Mixed Aspen		253	Cords		
	<i>B. T. Aspen</i>		47	<i>Cords</i>		
	<i>Quaking Aspen</i>		206	<i>Cords</i>		
	Mixed Hardwood		39	Cords		
	<i>Sugar Maple</i>		39	<i>Cords</i>		
	White Spruce		141	Cords		
2	Sugar Maple	Sawtimber	3.7	MBF	12.1	\$2,178.20
	Balsam Fir	Pulpwood	11	Cords		
	Mixed Hardwood		92	Cords		
	<i>Basswood</i>		3	<i>Cords</i>		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		20	<i>Cords</i>		
	<i>Sugar Maple</i>		67	<i>Cords</i>		
3	Sugar Maple	Sawtimber	2.1	MBF	13.2	\$5,079.10
	Balsam Fir	Pulpwood	85	Cords		
	Mixed Aspen		39	Cords		
	<i>Quaking Aspen</i>		39	<i>Cords</i>		
	Mixed Hardwood		36	Cords		
	<i>Balsam Poplar</i>		6	<i>Cords</i>		
	<i>Basswood</i>		7	<i>Cords</i>		
	<i>Sugar Maple</i>		23	<i>Cords</i>		
	White Spruce		105	Cords		
	4	Basswood	Sawtimber	1.2		
Red Maple			3.3	MBF		
Sugar Maple			14.2	MBF		
Balsam Fir		Pulpwood	3	Cords		
Mixed Hardwood			72	Cords		
<i>Basswood</i>			1	<i>Cords</i>		
<i>Red Maple</i>			12	<i>Cords</i>		
<i>Sugar Maple</i>			59	<i>Cords</i>		
White Spruce			2	Cords		
5		Basswood	Sawtimber	2.1	MBF	22.2
	Red Maple		5.8	MBF		
	Sugar Maple		24.6	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Mixed Hardwood		123	Cords		
	<i>Basswood</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		20	<i>Cords</i>		
	<i>Sugar Maple</i>		102	<i>Cords</i>		
	White Spruce		3	Cords		
6	Basswood	Sawtimber	2.2	MBF	23.5	\$7,494.55
	Red Maple		6.2	MBF		
	Sugar Maple		26.0	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Mixed Hardwood		130	Cords		
	<i>Basswood</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		21	<i>Cords</i>		
	<i>Sugar Maple</i>		108	<i>Cords</i>		
	White Spruce		3	Cords		
7	Basswood	Sawtimber	1.5	MBF	19.4	\$9,353.55
	Red Maple		0.6	MBF		
	Sugar Maple		32.9	MBF		
	Mixed Aspen	Pulpwood	25	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	<i>Quaking Aspen</i> Mixed Hardwood <i>Basswood</i> <i>Red Maple</i> <i>Sugar Maple</i>	<i>Pulpwood</i>	25 192 4 2 186	<i>Cords</i> Cords <i>Cords</i> <i>Cords</i> <i>Cords</i>		
8	Basswood Red Maple Sugar Maple Mixed Aspen <i>Quaking Aspen</i> Mixed Hardwood <i>Basswood</i> <i>Red Maple</i> <i>Sugar Maple</i>	Sawtimber Pulpwood	1.2 0.5 28.1 22 22 165 4 2 159	MBF MBF MBF Cords <i>Cords</i> Cords <i>Cords</i> <i>Cords</i> <i>Cords</i>	16.5	\$8,014.80
9	Sugar Maple Mixed Hardwood <i>Red Maple</i> <i>Sugar Maple</i>	Sawtimber Pulpwood	1.9 27 4 23	MBF Cords <i>Cords</i> <i>Cords</i>	3.6	\$736.70
10	Paper Birch Red Maple Sugar Maple Balsam Fir Mixed Aspen <i>Quaking Aspen</i> Mixed Hardwood <i>Basswood</i> <i>Black Cherry</i> <i>Paper Birch</i> <i>Red Maple</i> <i>Sugar Maple</i> White Spruce	Sawtimber Pulpwood	1.9 1.6 1.2 64 229 229 225 11 10 4 129 71 21	MBF MBF MBF Cords Cords <i>Cords</i> Cords <i>Cords</i> <i>Cords</i> <i>Cords</i> <i>Cords</i> <i>Cords</i> Cords	16.4	\$10,490.70
11	Paper Birch Red Maple Sugar Maple Balsam Fir Mixed Aspen <i>Quaking Aspen</i> Mixed Hardwood <i>Basswood</i> <i>Black Cherry</i> <i>Red Maple</i> <i>Sugar Maple</i> White Spruce	Sawtimber Pulpwood	0.2 0.2 0.1 7 27 27 25 1 1 15 8 2	MBF MBF MBF Cords Cords <i>Cords</i> Cords <i>Cords</i> <i>Cords</i> <i>Cords</i> <i>Cords</i> Cords	1.9	\$1,189.85
12	Red Pine Balsam Fir Mixed Aspen <i>Quaking Aspen</i> Mixed Hardwood <i>Balsam Poplar</i> <i>Black Ash</i> <i>Black Cherry</i> <i>Ironwood</i> <i>Red Maple</i> <i>Sugar Maple</i> Red Pine White Spruce	Sawtimber Pulpwood	1.3 13 27 27 297 5 15 10 6 114 147 38 25	MBF Cords Cords <i>Cords</i> Cords <i>Cords</i> <i>Cords</i> <i>Cords</i> <i>Cords</i> <i>Cords</i> <i>Cords</i> Cords Cords	14.0	\$7,973.10

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
13	Black Cherry	Sawtimber	0.8	MBF	20.0	\$19,008.50
	Sugar Maple		1.5	MBF		
	Balsam Fir	Pulpwood	46	Cords		
	Mixed Aspen		710	Cords		
	<i>B. T. Aspen</i>		66	<i>Cords</i>		
	<i>Quaking Aspen</i>		644	<i>Cords</i>		
	Mixed Hardwood		96	Cords		
	<i>Black Ash</i>		3	<i>Cords</i>		
	<i>Black Cherry</i>		25	<i>Cords</i>		
	<i>Sugar Maple</i>		68	<i>Cords</i>		
	White Spruce		8	Cords		
14	Black Cherry	Sawtimber	0.6	MBF	15.8	\$15,029.20
	Sugar Maple		1.2	MBF		
	Balsam Fir	Pulpwood	37	Cords		
	Mixed Aspen		561	Cords		
	<i>B. T. Aspen</i>		53	<i>Cords</i>		
	<i>Quaking Aspen</i>		508	<i>Cords</i>		
	Mixed Hardwood		75	Cords		
	<i>Black Ash</i>		2	<i>Cords</i>		
	<i>Black Cherry</i>		19	<i>Cords</i>		
	<i>Sugar Maple</i>		54	<i>Cords</i>		
	White Spruce		7	Cords		
TOTAL:			172.6	MBF		
TOTAL:			4,219	Cords		

Sale Specific Conditions & Requirements

Sale Name: Corner River

Sale Number: 32-004-22 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 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. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, 3, 10, 12, 13, and 14, cut all trees that are two (2) inches or more at DBH except cedar, hemlock, and pine unless marked with orange paint above and below stump height.

In addition, within Payment Units:

Payment Units 1 and 3 - Leave black cherry, elm, paper birch, and yellow birch.

Payment Unit 12 - Leave elm and yellow birch.

Payment Unit 10 - Leave oak and yellow birch.

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

Within Payment Unit(s) 2, 4, 5, 6, 9, and 11, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

Within Payment Unit(s) 7 and 8, all trees are designated for cutting when marked with green paint above and below stump height, regardless of merchantability.

In addition: Within Payment Units(s) 2, 4, 5, 6, 7, 8, 9, and 11, all merchantable spruce/fir is designated for cutting.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Within Payment Units 2, 4, 5, 6, 7, 8, 9, and 11, 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.

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 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.

4.1.6 - 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. 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.

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 3 business 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, Payment Units 1, 3, 10, 12, 13, and 14 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

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, 4, 5, 6, 7, 8, 9, and 11, 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.

5.2.32 - 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.

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of County roads without permission of the County and Unit Manager or his/her representative. This applies to Little West Road and Payment Units 4, 5, 6, 12, 13, and 14.

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

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

5.2.39 - ORV trail/route protection (4/18)

The Little West Road is an ORV trail or route and is shown on the Timber Sale Map. Do not cut trees or damage posts with ORV markers. All stumps within 20 feet of the trail must be cut flush with the ground. Maintain a 20 foot wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline.

5.2.41 - Snowmobile trail protection (9/11)

The Little West Road is a snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. 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 20 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.

5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

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 Little West Road and County Road 557 from both directions 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. 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.

Forest Management Unit	County	Mapped By	Date	Page	of
Gwinn Management Unit	Marquette	Brolin	08/23/2033	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
43N	25W	Sections 3, 4, 9 and 10	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	PU Acres
1 12.3	6 23.5	11 1.9
2 12.1	7 19.4	12 14.0
3 13.2	8 16.5	13 20.0
4 12.8	9 3.6	14 15.8
5 22.2	10 16.4	

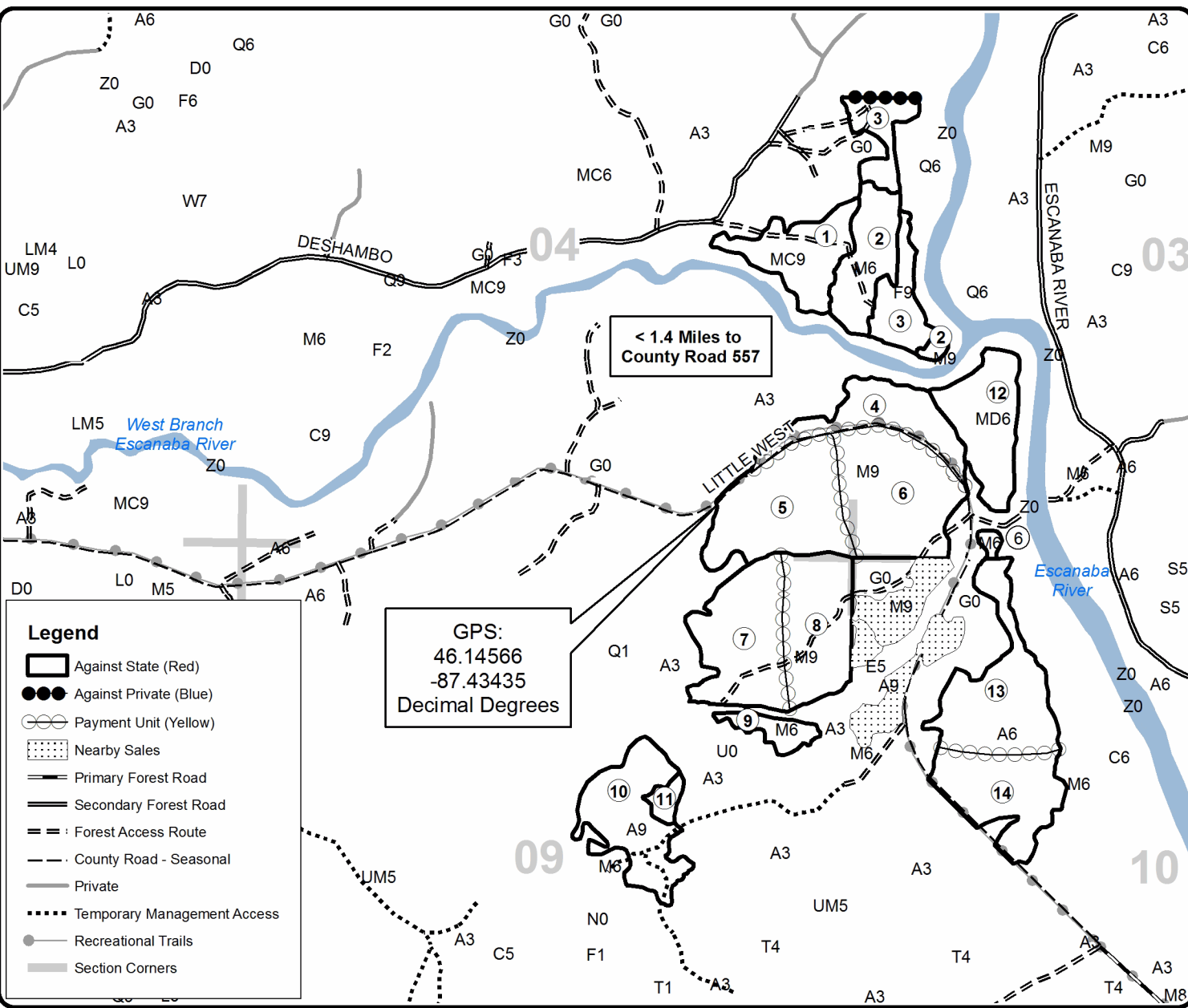
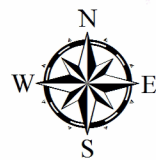
Corner River

Compartments, 65, 66, and 74

203.7 Acres



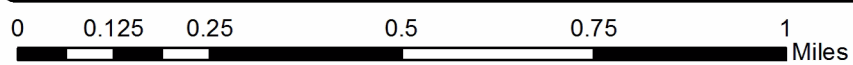
QR code for PDF Maps app



Legend

- Against State (Red)
- Against Private (Blue)
- Payment Unit (Yellow)
- Nearby Sales
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- County Road - Seasonal
- Private
- Temporary Management Access
- Recreational Trails
- Section Corners

GPS:
46.14566
-87.43435
Decimal Degrees



TIMBER SALE INFORMATION

Swimming Hole Hardwood (32-007-22)

T42N, R24W, SEC. 5; T43N, R24W, SEC. 20; T43N, R24W, SEC. 28; T43N, R24W, SEC. 29; T43N, R24W, SEC. 30; T43N, R24W, SEC. 32.

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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	152.1 MBF	\$ 32.00 / MBF
Red Maple	28.3 MBF	\$ 126.00 / MBF
Sugar Maple	204.3 MBF	\$ 176.00 / MBF
Pulpwood		
Balsam Fir	14 Cords	\$ 14.20 / Cord
Balsam Poplar	7 Cords	\$ 23.15 / Cord
Black Spruce	38 Cords	\$ 19.65 / Cord
Mixed Hardwood	1,004 Cords	\$ 14.90 / Cord
Quaking Aspen	33 Cords	\$ 23.15 / Cord
Tamarack	25 Cords	\$ 26.20 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 11.03 percent. There are an estimated 2,013 cords on this timber sale, plus or minus 222 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 \$3,094.00 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	5.8%
02	4.3%
03	3.6%
04	3.9%
05	4.0%
06	14.1%
07	18.6%
08	16.4%
09	15.1%
10	7.4%
11	2.6%
12	4.2%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 08/31/2026.

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
159,050	2,013	11.03%	1,791	2,235

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	31,363	397	18.91%	322	472
2	87,518	1,108	13.45%	959	1,257
3	14,650	185	29.64%	130	240
4	5,757	73	129.92%	22	168
5	13,806	175	48.42%	90	259
6	5,956	75	36.75%	48	103
TOTAL:	159,050	2,013		1,527	2,499

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	19.4	1	8.0
		2	5.9
		5	5.5
2	73.0	6	16.0
		7	21.3
		8	18.6
		9	17.1
		3	5.2
3	10.9	4	5.7
		11	3.6
4	3.6	10	3.9
5	3.9	12	4.6
6	4.6		
TOTAL:	115.4		115.4

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	24.0	MBF	8.0	\$3,570.30
	Sugar Maple		9.0	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Mixed Hardwood		77	Cords		
	<i>Basswood</i>		14	<i>Cords</i>		
	<i>Red Maple</i>		8	<i>Cords</i>		
	<i>Sugar Maple</i>		55	<i>Cords</i>		
2	Basswood	Sawtimber	17.6	MBF	5.9	\$2,645.80
	Sugar Maple		6.6	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Mixed Hardwood		58	Cords		
	<i>Basswood</i>		11	<i>Cords</i>		
	<i>Red Maple</i>		6	<i>Cords</i>		
	<i>Sugar Maple</i>		41	<i>Cords</i>		
3	Basswood	Sawtimber	5.6	MBF	5.2	\$2,223.30
	Sugar Maple		6.2	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Hardwood		63	Cords		
	<i>Basswood</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		12	<i>Cords</i>		
	<i>Sugar Maple</i>		44	<i>Cords</i>		
4	Basswood	Sawtimber	6.1	MBF	5.7	\$2,431.60
	Sugar Maple		6.7	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Hardwood		70	Cords		
	<i>Basswood</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		14	<i>Cords</i>		
	<i>Sugar Maple</i>		49	<i>Cords</i>		
5	Basswood	Sawtimber	16.4	MBF	5.5	\$2,448.30
	Sugar Maple		6.2	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Hardwood		53	Cords		
	<i>Basswood</i>		10	<i>Cords</i>		
	<i>Red Maple</i>		5	<i>Cords</i>		
	<i>Sugar Maple</i>		38	<i>Cords</i>		
6	Basswood	Sawtimber	17.7	MBF	16.0	\$8,727.70
	Red Maple		4.1	MBF		
	Sugar Maple		33.7	MBF		
	Mixed Hardwood	Pulpwood	115	Cords		
	<i>Basswood</i>		20	<i>Cords</i>		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		10	<i>Cords</i>		
<i>Sugar Maple</i>		84	<i>Cords</i>			
7	Basswood	Sawtimber	23.6	MBF	21.3	\$11,597.80
	Red Maple		5.5	MBF		
	Sugar Maple		44.8	MBF		
	Mixed Hardwood	Pulpwood	152	Cords		
	<i>Basswood</i>		27	<i>Cords</i>		
	<i>Red Maple</i>		13	<i>Cords</i>		
	<i>Sugar Maple</i>		112	<i>Cords</i>		
8	Basswood	Sawtimber	20.6	MBF	18.6	\$10,127.30
	Red Maple		4.8	MBF		
	Sugar Maple		39.1	MBF		
	Mixed Hardwood	Pulpwood	133	Cords		
	<i>Basswood</i>		23	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
8 con't	<i>Ironwood</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	<i>Red Maple</i>		11	<i>Cords</i>		
	<i>Sugar Maple</i>		98	<i>Cords</i>		
9	Basswood	Sawtimber	18.9	MBF	17.1	\$9,327.90
	Red Maple		4.4	MBF		
	Sugar Maple		36.0	MBF		
	Mixed Hardwood	Pulpwood	123	Cords		
	<i>Basswood</i>		22	<i>Cords</i>		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		10	<i>Cords</i>		
	<i>Sugar Maple</i>		90	<i>Cords</i>		
10	Basswood	Sawtimber	1.6	MBF	3.9	\$4,581.00
	Red Maple		9.5	MBF		
	Sugar Maple		8.1	MBF		
	Mixed Hardwood	Pulpwood	128	Cords		
	<i>Basswood</i>		4	<i>Cords</i>		
	<i>Red Maple</i>		91	<i>Cords</i>		
	<i>Sugar Maple</i>		33	<i>Cords</i>		
11	Black Spruce	Pulpwood	38	Cords	3.6	\$1,615.10
	Mixed Hardwood		5	Cords		
	<i>Red Maple</i>		5	<i>Cords</i>		
	Quaking Aspen		6	Cords		
	Tamarack		25	Cords		
12	Sugar Maple	Sawtimber	7.9	MBF	4.6	\$2,579.80
	Balsam Poplar	Pulpwood	7	Cords		
	Mixed Hardwood		27	Cords		
	<i>Sugar Maple</i>		27	<i>Cords</i>		
	Quaking Aspen		27	Cords		
TOTAL:			384.7	MBF		
TOTAL:			1,121	Cords		

Sale Specific Conditions & Requirements

Sale Name: Swimming Hole Hardwood

Sale Number: 32-007-22 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 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) 10,11, and 12, cut all species trees that are two (2) inches or more at DBH except species

Payment Unit 10, leave hemlock, cedar, yellow birch and paper birch

Payment Unit 11, leave hemlock and cedar

Payment Unit 12, leave hemlock, cedar and white pine

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

Within Payment Unit(s) 1-9, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition in PU 2 cut all balsam fir.

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.

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 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.

4.1.6 - 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. 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. Depending on the time of year, multiple areas may require fill material for access across the sale area. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

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.

4.3 - Public Right-of-Way

4.3.2 - County R-O-W (12/06)

The county must be contacted prior to crossing or harvesting in the county road R-O-W. This applies to the Escanaba River Road.

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 3 business 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

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-12, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of 12/15 to 4/1. This restriction is because the sale is in a deer winter range.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1-9, 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.

5.2.32 - 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.

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of the Escanaba River Road without permission of the County and Unit Manager or his/her representative.

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.

5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

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 Escanaba River 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. 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
32-007	22

Forest Management Unit	County	Mapped By	Date	Page	of
Gwinn Management Unit	Marquette	Pete Holodnick	09/07/22	1	2
		Cruised By			
		Holodnick/Contractor			

Township	Range	Section(s) and Subdivision(s)	Scale
42N and 43N	24W	42N24W Section 5 / 43N24W Section: 20,28,29,30,32	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

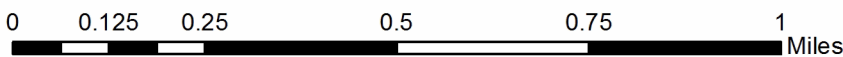
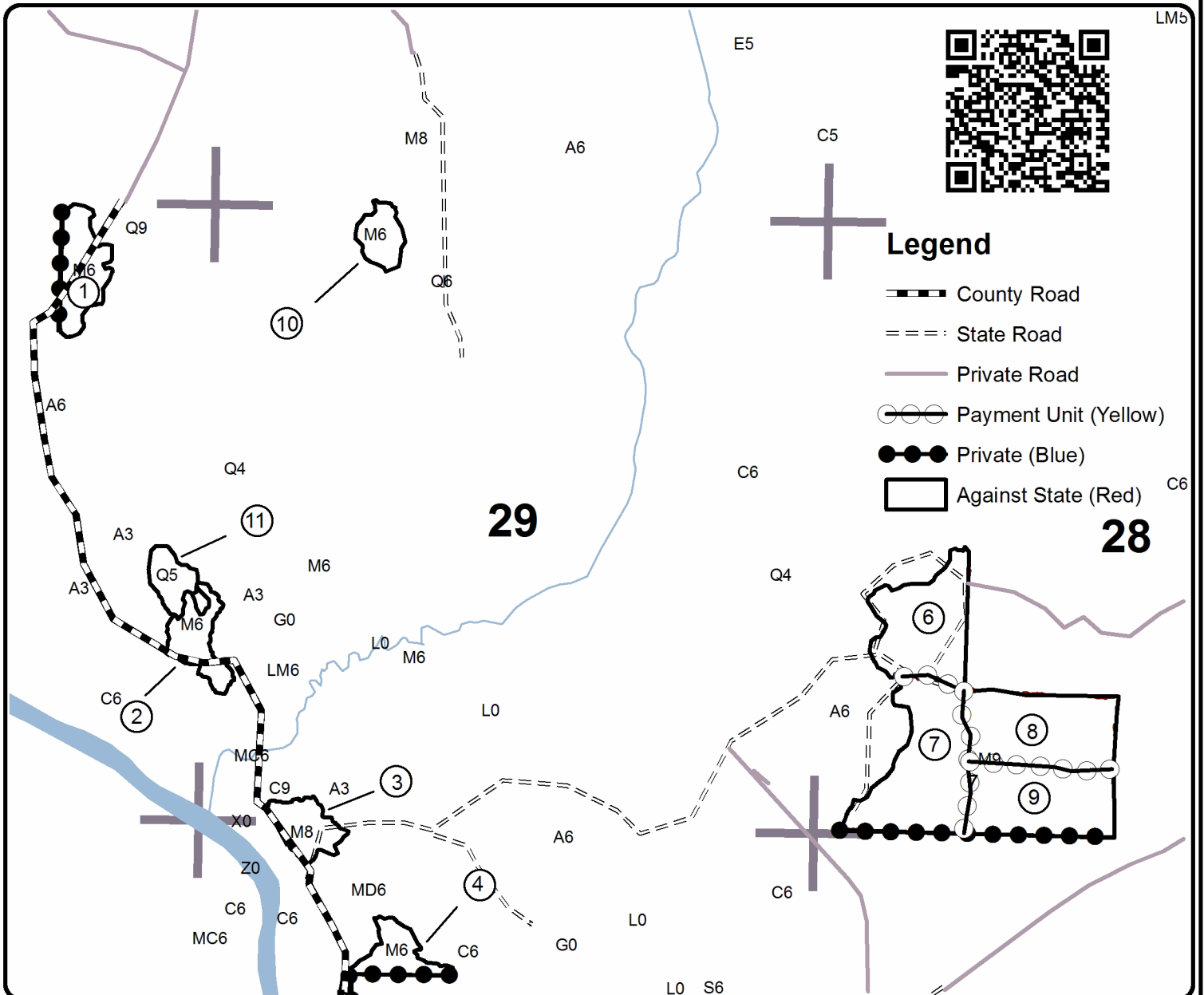
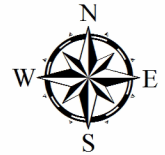
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU	Acres	PU	Acres
1)	8.0	4)	5.7
2)	5.9	5)	5.5
3)	5.2	6)	16
		7)	21.3
		8)	18.6
		9)	17.1
		10)	3.9
		11)	3.6
		12)	4.6

Swimming Hole Hardwoods

Compartment 81

115.4 Acres





Sale Number	Year
32-007	22

TIMBER SALE MAP

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

Forest Management Unit	County	Mapped By	Date	Page	of
Gwinn Management Unit	Marquette	Pete Holodnick	09/07/22	2	2
Township	Range	Section(s) and Subdivision(s)	Scale		
42N and 43N	24W	42N24W Section 5 / 43N24W Section: 20, 28, 29, 30, 32	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

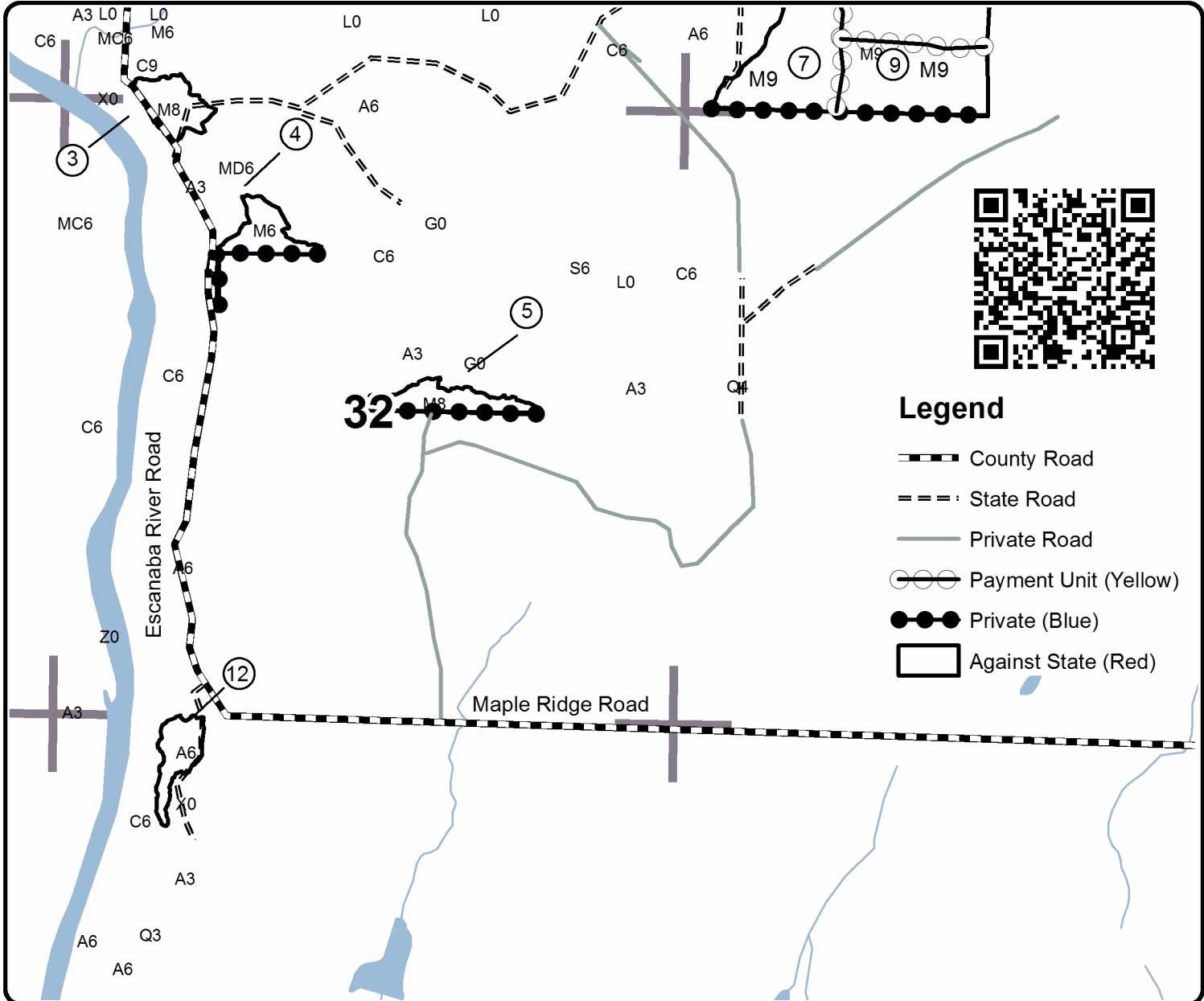
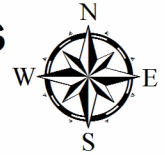
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU	Acres	PU	Acres
1)	8.0	4)	5.7
2)	5.9	5)	5.5
3)	5.2	6)	16
		7)	21.3
		8)	18.6
		9)	17.1
		10)	3.9
		11)	3.6
		12)	4.6

Swimming Hole Hardwoods

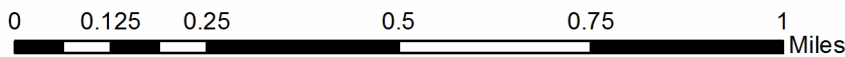
Compartment 81

115.4 Acres



Legend

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



Moose Mattress (32-003-22)

T43N, R25W, SEC. 10; T43N, R25W, SEC. 11; T43N, R25W, SEC. 2; T43N, R25W,

In response to the notice of sale to be held 2:00 p.m. (local time) on May 1, 2023, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Black Cherry	1.4 MBF	\$ 84.00/MBF	\$ _____
Paper Birch	2.4 MBF	\$ 54.00/MBF	\$ _____
Red Maple	62.1 MBF	\$ 126.00/MBF	\$ _____
Sugar Maple	243.3 MBF	\$ 176.00/MBF	\$ _____
Pulpwood			
Balsam Fir	275 Cords	\$ 14.20/Cord	\$ _____
Mixed Aspen	2,098 Cords	\$ 23.15/Cord	\$ _____
Mixed Hardwood	2,078 Cords	\$ 14.90/Cord	\$ _____
Mixed Spruce	423 Cords	\$ 19.65/Cord	\$ _____
Tamarack	10 Cords	\$ 26.20/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 11.70 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: ____ - ____ - ____ or SOCIAL SECURITY NUMBER: ____ - ____ - ____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY
Sale Number (XX - XXX - XX - XX)
Forest Management Unit:

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

*As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.*

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.
- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation

2. You **must** check one of the boxes below:
 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.

3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

Mammoth Maple (32-001-22)
T45N, R23W, SEC. 19; T45N, R23W, SEC. 20; T45N, R23W, SEC. 28; T45N,

In response to the notice of sale to be held 2:00 p.m. (local time) on May 1, 2023, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Basswood	8.9 MBF	\$ 32.00/MBF	\$ _____
Black Ash	48.2 MBF	\$ 16.00/MBF	\$ _____
Black Cherry	39.2 MBF	\$ 84.00/MBF	\$ _____
Red Maple	591.0 MBF	\$ 126.00/MBF	\$ _____
Sugar Maple	649.7 MBF	\$ 176.00/MBF	\$ _____
White Ash	10.9 MBF	\$ 55.00/MBF	\$ _____
White Spruce	15.8 MBF	\$ 19.00/MBF	\$ _____
Yellow Birch	46.3 MBF	\$ 32.00/MBF	\$ _____
Pulpwood			
Balsam Fir	424 Cords	\$ 14.20/Cord	\$ _____
Mixed Hardwood	5,302 Cords	\$ 14.90/Cord	\$ _____
Mixed Spruce	563 Cords	\$ 19.65/Cord	\$ _____
Tamarack	24 Cords	\$ 26.20/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 6.53 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: ____ - ____ - ____ or SOCIAL SECURITY NUMBER: ____ - ____ - ____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY
Sale Number (XX - XXX - XX - XX)
Forest Management Unit:

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

*As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.*

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.
- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

Swimming Hole Hardwood (32-007-22)

T42N, R24W, SEC. 5; T43N, R24W, SEC. 20; T43N, R24W, SEC. 28; T43N, R24W,

In response to the notice of sale to be held 2:00 p.m. (local time) on May 1, 2023, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Basswood	152.1 MBF	\$ 32.00/MBF	\$ _____
Red Maple	28.3 MBF	\$ 126.00/MBF	\$ _____
Sugar Maple	204.3 MBF	\$ 176.00/MBF	\$ _____
Pulpwood			
Balsam Fir	14 Cords	\$ 14.20/Cord	\$ _____
Balsam Poplar	7 Cords	\$ 23.15/Cord	\$ _____
Black Spruce	38 Cords	\$ 19.65/Cord	\$ _____
Mixed Hardwood	1,004 Cords	\$ 14.90/Cord	\$ _____
Quaking Aspen	33 Cords	\$ 23.15/Cord	\$ _____
Tamarack	25 Cords	\$ 26.20/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 11.03 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: ____ - ____ - ____ or SOCIAL SECURITY NUMBER: ____ - ____ - ____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY
Sale Number (XX - XXX - XX - XX)
Forest Management Unit:

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

*As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.*

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
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 - C. Corporation

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 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.

3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

Corner River (32-004-22)

T43N, R25W, SEC. 10; T43N, R25W, SEC. 3; T43N, R25W, SEC. 4; T43N, R25W,

In response to the notice of sale to be held 2:00 p.m. (local time) on May 1, 2023, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Basswood	8.2 MBF	\$ 32.00/MBF	\$ _____
Black Cherry	1.4 MBF	\$ 84.00/MBF	\$ _____
Paper Birch	2.1 MBF	\$ 54.00/MBF	\$ _____
Red Maple	18.2 MBF	\$ 126.00/MBF	\$ _____
Red Pine	1.3 MBF	\$ 128.00/MBF	\$ _____
Sugar Maple	141.4 MBF	\$ 176.00/MBF	\$ _____
Pulpwood			
Balsam Fir	377 Cords	\$ 14.20/Cord	\$ _____
Mixed Aspen	1,893 Cords	\$ 23.15/Cord	\$ _____
Mixed Hardwood	1,594 Cords	\$ 14.90/Cord	\$ _____
Red Pine	38 Cords	\$ 54.75/Cord	\$ _____
White Spruce	317 Cords	\$ 19.65/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 12.75 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control .

FEDERAL ID: _____ - _____ or SOCIAL SECURITY NUMBER: _____ - _____ - _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY	
Sale Number (XX - XXX - XX - XX)	
Forest Management Unit:	

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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Part 5 of Act 451 of 1994, as amended.

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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 - B. Partnership
 - C. Corporation
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 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page