



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7059**

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on May 24, 2022.

LOCATION: ATLANTA MGMT UNIT, 13501 M 33, ATLANTA, MI 49709.

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, ATLANTA MANAGEMENT UNIT, for certain timber on the following described lands:

JC Island Mix (54-020-21) / T31N, R07E, SEC. 34, NENW,SWNE,SE.

Alpena County, Advertised Price \$81,044.30, 82.6 Acres, White Pine, Hardwood.

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

Boar's Nest Blend (54-034-21) / T29N, R08E, SEC. 3, SWNW,NWSW,S1/2SW.

T29N, R08E, SEC. 4, S1/2NE.

Alpena County, Advertised Price \$42,814.85, 69.8 Acres, Aspen, Hardwood.

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

The Purchaser is required to obtain permission from private landowners, this is necessary to access the sale. See timber sale spec 4.4.1 for details. There is a stream within the sale area that requires a stream crossing permit. See timber sale spec 4.1.1 for details. There will be no extensions granted on this contract. See timber sale spec 7.2.2 for details.

Access may be through private land.

BID INSTRUCTIONS (VER. 07/02/2018):

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

Bids must be received by the Unit Manager, ATLANTA OFFICE, 13501 M 33, ATLANTA, MI 49709, no later than 10:00 a.m. (local time) on May 24, 2022. For further information concerning this sale, contact Cody Stevens at 989-785-4251 extension 5240.

2. Bidder's Qualifications (5/16)

Purchaser shall obtain workers 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. 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 contract. 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. Timber Sale Contract (7/18)

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 ($\$1,500/\$10,000 * 100$).

10. Disclaimer of Estimates and Bidder's Warranty of Inspection (7/16)

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.

11. Certification and Chain-of-Custody (10/14)

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.

12. Good Neighbor Authority (GNA) Requirements (7/16)

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).

13. Good Neighbor Authority (GNA) Requirements, con't (9/16)

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.

DAN EICHINGER
Director

TIMBER SALE INFORMATION

JC Island Mix (54-020-21)

T31N, R07E, SEC. 34.

Alpena County (Advertised Price \$81,044.30)

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

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		
BI/R/Hybrid Oak	147.6 MBF	\$ 59.00 / MBF
Mixed Aspen	17.4 MBF	\$ 105.00 / MBF
Red Maple	9.6 MBF	\$ 48.00 / MBF
Red Oak	24.4 MBF	\$ 172.00 / MBF
Red Pine	54.4 MBF	\$ 118.00 / MBF
White Pine	716.0 MBF	\$ 35.00 / MBF
Pulpwood		
Balsam Fir	4 Cords	\$ 16.40 / Cord
Jack Pine	33 Cords	\$ 8.80 / Cord
Mixed Aspen	65 Cords	\$ 26.20 / Cord
Mixed Oak	366 Cords	\$ 41.70 / Cord
Red Maple	81 Cords	\$ 20.50 / Cord
Red Pine	118 Cords	\$ 38.65 / Cord
Scotch Pine	15 Cords	\$ 14.05 / Cord
White Pine	829 Cords	\$ 12.80 / Cord
White Spruce	1 Cords	\$ 7.75 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 4.73 percent. There are an estimated 3,735 cords on this timber sale, plus or minus 177 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 \$4,052.00 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	1.2%
02	20.1%
03	27.6%
04	16.2%
05	10.8%
06	13.8%
07	10.3%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2024.

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
295,070	3,735	4.73%	3,558	3,912

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
8	4,178	53	14.17%	45	60
14	41,956	531	17.96%	436	626
22	119,663	1,515	4.66%	1,444	1,585
28	24,609	312	8.12%	286	337
38	26,541	336	15.45%	284	388
39	78,122	989	11.89%	871	1,106
TOTAL:	295,070	3,735		3,367	4,103

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
8	3.0	1	3.0
14	10.2	2	5.4
		3	4.8
22	25.0	2	9.4
		3	15.6
28	12.2	4	12.2
38	12.5	6	12.5
39	19.7	5	10.0
		7	9.7
TOTAL:	82.6		82.6

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE		
1	Red Oak	Sawtimber	1.2	MBF	3.0	\$1,008.55		
	Red Pine		1.0	MBF				
	Balsam Fir		Pulpwood	4			Cords	
	<i>Balsam Fir</i>			<i>Sawtimber</i>			0.3	<i>MBF</i>
	<i>Balsam Fir</i>			<i>Pulpwood</i>			3	<i>Cords</i>
	Jack Pine		33	Cords				
	Mixed Oak		3	Cords				
	<i>BI/R/Hybrid Oak</i>		2	<i>Cords</i>				
	<i>Red Oak</i>		1	<i>Cords</i>				
	Red Maple		3	Cords				
	Red Pine		3	Cords				
	White Pine		2	Cords				
	2		BI/R/Hybrid Oak	Sawtimber			28.1	MBF
Mixed Aspen		5.1	MBF					
<i>B. T. Aspen</i>		5.1	<i>MBF</i>					
Red Maple		2.9	MBF					
Red Oak		3.4	MBF					
Red Pine		0.4	MBF					
White Pine		183.0	MBF					
Mixed Aspen		Pulpwood	11		Cords			
<i>B. T. Aspen</i>			11		<i>Cords</i>			
Mixed Oak			78		Cords			
<i>BI/R/Hybrid Oak</i>			63		<i>Cords</i>			
<i>Red Oak</i>			15		<i>Cords</i>			
Red Maple			13		Cords			
Red Pine			5		Cords			
White Pine			227		Cords			
3	BI/R/Hybrid Oak		Sawtimber	30.9	MBF	20.4	\$22,388.15	
	Mixed Aspen	8.4		MBF				
	<i>B. T. Aspen</i>	8.4		<i>MBF</i>				
	Red Maple	4.7		MBF				
	Red Oak	5.6		MBF				
	Red Pine	0.3		MBF				
	White Pine	273.9		MBF				
	Mixed Aspen	Pulpwood		15	Cords			
	<i>B. T. Aspen</i>			15	<i>Cords</i>			
	Mixed Oak			92	Cords			
	<i>BI/R/Hybrid Oak</i>			73	<i>Cords</i>			
	<i>Red Oak</i>			19	<i>Cords</i>			
	Red Maple			21	Cords			
	Red Pine			5	Cords			
White Pine	314		Cords					
4	Mixed Aspen	Sawtimber	3.9	MBF	12.2	\$13,120.85		
	<i>B. T. Aspen</i>		3.9	<i>MBF</i>				
	Red Oak		5.2	MBF				
	Red Pine		43.2	MBF				
	Mixed Aspen		Pulpwood	37			Cords	
	<i>B. T. Aspen</i>			37			<i>Cords</i>	
	Mixed Oak			33			Cords	
	<i>Red Oak</i>			33			<i>Cords</i>	
	Red Maple			7			Cords	
	Red Pine			104			Cords	
	Scotch Pine		15	Cords				
<i>Scotch Pine</i>	<i>Sawtimber</i>	5.1	<i>MBF</i>					
<i>Scotch Pine</i>	<i>Pulpwood</i>	5	<i>Cords</i>					
5	BI/R/Hybrid Oak	Sawtimber	3.7	MBF	10.0	\$8,724.85		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Red Maple	Sawtimber	1.0	MBF		
	Red Oak		4.6	MBF		
	Red Pine		4.8	MBF		
	White Pine		129.9	MBF		
	Mixed Oak	Pulpwood	9	Cords		
	<i>BI/R/Hybrid Oak</i>		7	<i>Cords</i>		
	<i>Red Oak</i>		2	<i>Cords</i>		
	Red Maple		17	Cords		
	Red Pine		1	Cords		
	White Pine		140	Cords		
6	BI/R/Hybrid Oak	Sawtimber	81.4	MBF	12.5	\$11,157.15
	White Pine		3.1	MBF		
	Mixed Aspen	Pulpwood	2	Cords		
	<i>B. T. Aspen</i>		2	<i>Cords</i>		
	Mixed Oak		143	Cords		
	<i>BI/R/Hybrid Oak</i>		143	<i>Cords</i>		
	Red Maple		4	Cords		
	White Pine		11	Cords		
	White Spruce		1	Cords		
	7	BI/R/Hybrid Oak	Sawtimber	3.5		
Red Maple			1.0	MBF		
Red Oak			4.4	MBF		
Red Pine			4.7	MBF		
White Pine			126.1	MBF		
Mixed Oak		Pulpwood	8	Cords		
<i>BI/R/Hybrid Oak</i>			7	<i>Cords</i>		
<i>Red Oak</i>			1	<i>Cords</i>		
Red Maple			16	Cords		
White Pine			135	Cords		
TOTAL:			969.4	MBF		
TOTAL:			1,512	Cords		

Sale Specific Conditions & Requirements

Sale Name: JC Island Mix

Sale Number: 54-020-21 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 property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected. 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 and 5-7, cut all trees that are two (2) inches or more at DBH, except do not cut trees marked with green paint. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

Within Payment Unit(s) 4, red pine, white pine, scotch pine, and oak are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, all aspen, red maple, and paper birch which meet minimum piece specifications in 2.2 Utilization, are designated for cutting.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 2 and 3 must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled within 60 days of severing/cutting stem(s). Products may be produced as roundwood and forwarded to decking areas in final product length, but the tops must be left intact and skidded to the landing for chipping to minimize the amount of residual slash. If market conditions limit the practicality of chipping, chipping is not required if the following conditions are met. Trees greater than 4 inches at DBH must be cut to a 2-inch top or smaller. Sub-merchantable trees, and hardwood limbs 4 inches or greater where they attach to the stem, are to be cut/reduced to 4-foot lengths. Slash must be evenly dispersed throughout the Payment Unit, and not be more than 2 feet high. In all cases harvesting operations must allow for subsequent planting operations, as determined by the sale administrator. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 2 and 3 shall not exceed 6 inches for all trees. This is to facilitate planting operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) \$25,000 in value or greater may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for 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 Unit 6, if more than 25% of the white pine and/or red pine tree seedlings or saplings (1/4" to 4.5" DBH)

within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$150 per acre for all acreage within that specified portion of the Sale Area that was damaged. Please note, all scotch pine regeneration is to be severed at its base.

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.

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with green paint within Payment Units 2, 3, and 5-7. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$250 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated 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.

4.1.6 - Road construction (1/09)

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.

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

The following road work is required: before running logging trucks on the snowmobile trail for hauling wood from Payment Units, adequate amounts of 3 minus crushed limestone must be placed in the snowmobile trail, as determined by the sale administrator, to prevent the breakdown and rutting of the trail. If rutting begins in the snowmobile trail during hauling operations, all hauling must cease on the deteriorating portion of trail until 3 minus stone is placed and the sale administrator grants permission to continue hauling.

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations in a Payment Unit to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in the maintained wildlife opening which is indicated by G0 on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

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) 5-7 unless approved by the Unit Manager, hauling is not permitted from 5:00 p.m. Friday evening through 6:00 a.m. Monday morning during the period of December 1 to March 31. This restriction is due to the necessity of using the snowmobile trail for hauling wood from the sale.

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit(s) 4, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 1-3 and 5-7 unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in Payment Units 1 and 5-7 must be completed before significant tree sprouting occurs to minimize damage to the new regeneration. Any post-harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

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.

5.2.41 - Snowmobile trail protection (9/11)

The LP461/462 trail 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 is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. 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. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level. In addition, any trees cut within 5 feet of the trail must have the stumps removed and be disposed of according to the direction of the Unit Manager or his/her representative.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

5.8 - Protection of Endangered Species

5.8.3 - Red shoulder hawk or goshawk (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15 (NLP). Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

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 all forest roads 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.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on snowmobile trail LP461/462 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail 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.

Sale Number	Year
54-020	21

Forest Management Unit Atlanta	County Alpena	Mapped By D. Parris	Date 08/28/2021	Page 1	of 1
Township 31N	Range 07E	Section(s) and Subdivision(s) Sec. 34 NENW,SWNE,SE	Scale 1:15,840		

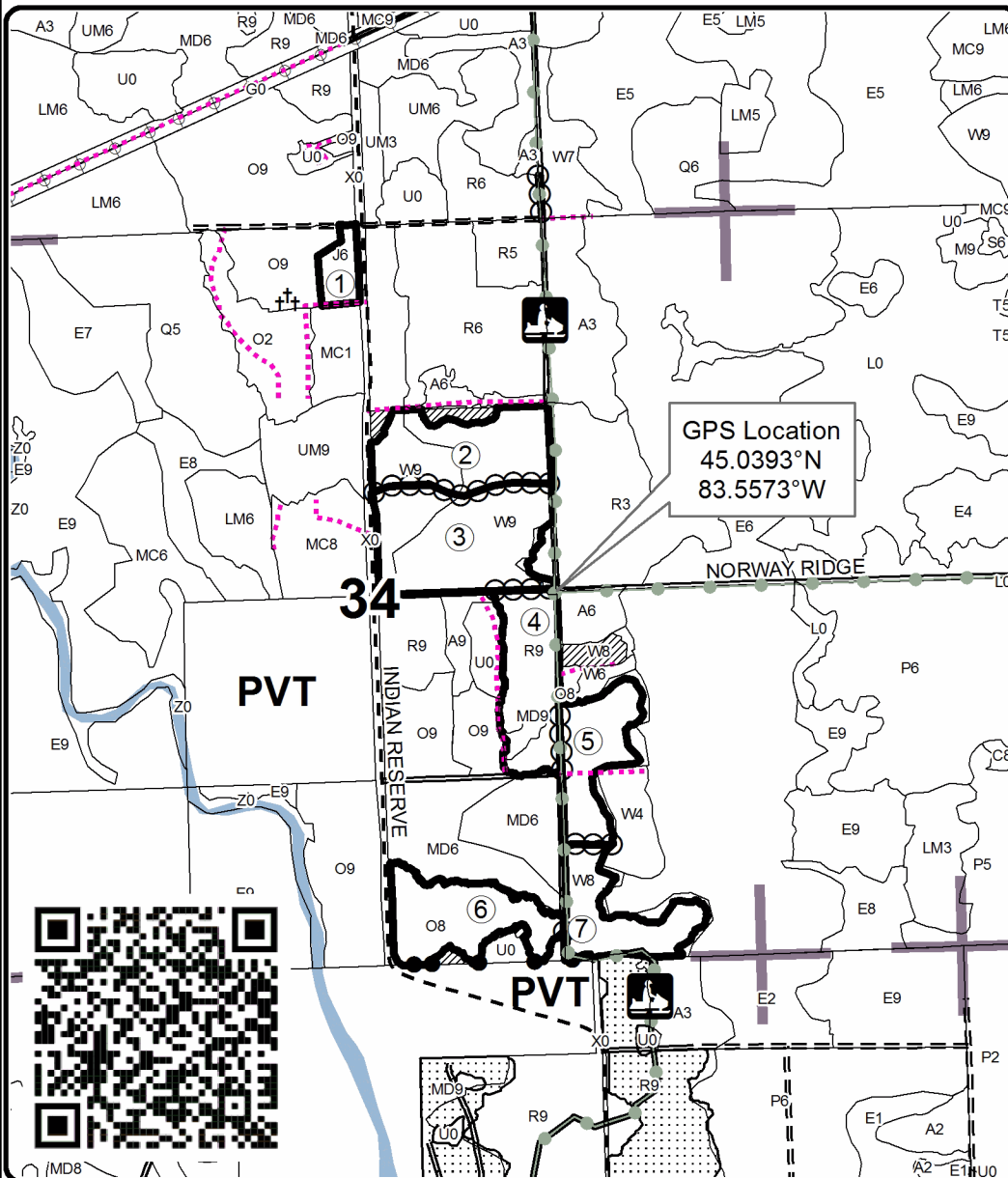
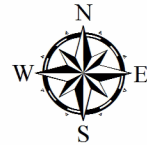
Cover Type				Density			
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well		
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling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

PU	Acres	PU	Acres
1	3.0	5	10.0
2	14.8	6	12.5
3	20.4	7	9.7
4	12.2		

JC Island Mix

Compartment 105

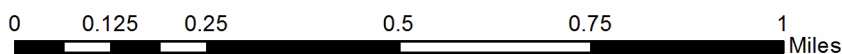
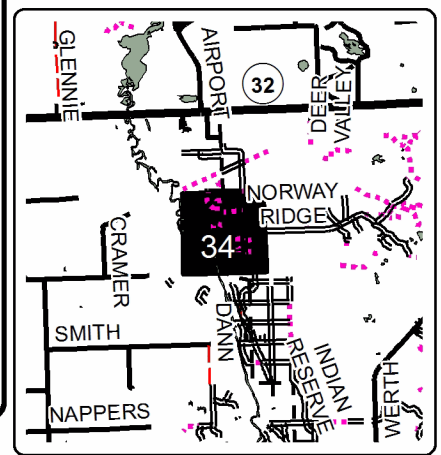
82.6 Acres



Legend

- Against State (Red)
- ⊗ Payment Unit (Yellow)
- Private Line (Blue)
- Stand Boundaries
- ▨ Retention Area
- ⋯ Nearby Timber Sales
- Payment Unit
- ⊕ Cemetery
- Secondary Forest Road
- == Forest Access Route
- - Gravel Road
- ⋯ Temporary Management Access
- Recreational Trail
- ⚡ Powerline
- Lakes and Rivers
- Section Corners

Locator Map
1:150,000



TIMBER SALE INFORMATION

Boar's Nest Blend (54-034-21)
 T29N, R08E, SEC. 3; T29N, R08E, SEC. 4.
 Alpena County (Advertised Price \$42,814.85)

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

The Purchaser is required to obtain permission from private landowners, this is necessary to access the sale. See timber sale spec 4.4.1 for details. There is a stream within the sale area that requires a stream crossing permit. See timber sale spec 4.1.1 for details. There will be no extensions granted on this contract. See timber sale spec 7.2.2 for details.

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		
Mixed Aspen	66.4 MBF	\$ 105.00 / MBF
Paper Birch	24.2 MBF	\$ 30.00 / MBF
Red Maple	78.4 MBF	\$ 48.00 / MBF
Pulpwood		
Balsam Fir	247 Cords	\$ 16.40 / Cord
Mixed Aspen	688 Cords	\$ 26.20 / Cord
Mixed Hardwood	336 Cords	\$ 20.50 / Cord
Mixed Spruce	47 Cords	\$ 7.75 / Cord
Paper Birch	180 Cords	\$ 11.25 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 6.25 percent. There are an estimated 1,948 cords on this timber sale, plus or minus 122 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$2,141.00 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	24.5%
02	41.2%
03	12.7%
04	11.2%
05	10.4%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2024.

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
153,859	1,948	6.25%	1,826	2,069

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			RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
8	17,701	224	20.71%	178	270
19	25,406	322	22.33%	250	393
20	68,964	873	7.82%	805	941
30	10,443	132	27.10%	96	168
32	6,282	80	9.09%	72	87
37	16,380	207	15.63%	175	240
61	8,684	110	19.76%	88	132
TOTAL:	153,859	1,948		1,664	2,231

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
8	9.1	3	1.3
		4	7.8
19	8.4	2	8.4
		1	19.1
20	26.4	2	7.3
		3	6.0
30	6.9	4	0.9
		3	2.0
32	2.0	3	2.0
37	11.8	5	11.8
61	5.2	2	5.2
TOTAL:	69.8		69.8

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Paper Birch	Sawtimber	17.5	MBF	19.1	\$10,510.00
	Red Maple		52.3	MBF		
	Balsam Fir	Pulpwood	54	Cords		
	<i>Balsam Fir</i>		54	<i>Cords</i>		
	Mixed Aspen		25	Cords		
	<i>B. T. Aspen</i>		4	<i>Cords</i>		
	<i>Quaking Aspen</i>		21	<i>Cords</i>		
	Mixed Hardwood		221	Cords		
	<i>Red Maple</i>		221	<i>Cords</i>		
	Mixed Spruce		4	Cords		
	<i>White Spruce</i>		4	<i>Cords</i>		
	Paper Birch		122	Cords		
2	Mixed Aspen	Sawtimber	49.9	MBF	20.9	\$17,646.10
	<i>B. T. Aspen</i>		5.8	<i>MBF</i>		
	<i>Quaking Aspen</i>		44.1	<i>MBF</i>		
	Paper Birch		6.7	MBF		
	Red Maple		26.1	MBF		
	Balsam Fir	Pulpwood	41	Cords		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	1.0	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	39	<i>Cords</i>		
	Mixed Aspen		287	Cords		
	<i>B. T. Aspen</i>		32	<i>Cords</i>		
	<i>Quaking Aspen</i>		255	<i>Cords</i>		
	Mixed Hardwood		107	Cords		
	<i>Green Ash</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		105	<i>Cords</i>		
	Mixed Spruce		5	Cords		
	<i>White Spruce</i>	<i>Sawtimber</i>	1.2	<i>MBF</i>		
	<i>White Spruce</i>	<i>Pulpwood</i>	3	<i>Cords</i>		
	Paper Birch		47	Cords		
3	Mixed Aspen	Sawtimber	5.1	MBF	9.3	\$5,429.40
	<i>B. T. Aspen</i>		0.1	<i>MBF</i>		
	<i>Quaking Aspen</i>		5.0	<i>MBF</i>		
	Balsam Fir	Pulpwood	68	Cords		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	0.9	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	66	<i>Cords</i>		
	Mixed Aspen		136	Cords		
	<i>B. T. Aspen</i>		5	<i>Cords</i>		
	<i>Balsam Poplar</i>		3	<i>Cords</i>		
	<i>Quaking Aspen</i>		128	<i>Cords</i>		
	Mixed Hardwood		1	Cords		
	<i>Red Maple</i>		1	<i>Cords</i>		
	Mixed Spruce		15	Cords		
	<i>White Spruce</i>		15	<i>Cords</i>		
	Paper Birch		7	Cords		
4	Mixed Aspen	Sawtimber	3.8	MBF	8.7	\$4,786.90
	<i>B. T. Aspen</i>		0.8	<i>MBF</i>		
	<i>Quaking Aspen</i>		3.0	<i>MBF</i>		
	Balsam Fir	Pulpwood	43	Cords		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	1.3	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	40	<i>Cords</i>		
	Mixed Aspen		131	Cords		
	<i>B. T. Aspen</i>		27	<i>Cords</i>		
	<i>Balsam Poplar</i>		7	<i>Cords</i>		
	<i>Quaking Aspen</i>		97	<i>Cords</i>		
	Mixed Hardwood		7	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	<i>Red Maple</i>	<i>Pulpwood</i>	7	<i>Cords</i>		
	Mixed Spruce		8	<i>Cords</i>		
	<i>White Spruce</i>		8	<i>Cords</i>		
	Paper Birch		4	<i>Cords</i>		
5	Mixed Aspen	Sawtimber	7.6	MBF	11.8	\$4,442.45
	<i>Quaking Aspen</i>		7.6	<i>MBF</i>		
	Balsam Fir	Pulpwood	41	<i>Cords</i>		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	2.2	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	37	<i>Cords</i>		
	Mixed Aspen		109	<i>Cords</i>		
	<i>Balsam Poplar</i>		29	<i>Cords</i>		
	<i>Quaking Aspen</i>		80	<i>Cords</i>		
	Mixed Spruce		15	<i>Cords</i>		
	<i>White Spruce</i>		15	<i>Cords</i>		
	TOTAL:			169.0		
TOTAL:			1,498	Cords		

Sale Specific Conditions & Requirements

Sale Name: Boar's Nest Blend

Sale Number: 54-034-21 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 property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. 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) 1-5, cut all trees that are two (2) inches or more at DBH, except do not cut any cedar or hemlock unless marked with orange paint.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) \$25,000 in value or greater may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured.

Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.1 - Stream crossings, general (3/11)

All stream crossing structures will be temporary and therefore, shall be provided by the Purchaser, and must be removed upon completion of the sale. All permits for stream crossings will be provided by the DNR. There is a stream in Payment Units 3 and 4 that will require a stream crossing permit. Refer to the Timber Sale Map for the stream location.

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.

4.1.6 - 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. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for specific details of design and placement.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. A copy of the written permission from the private landowner must be given to the Unit Manager within 30 days of the bid opening and prior to the beginning of operations. This permission is needed to access sale. Contact DNR Forester Dale Parris at (989) 590-1204 for private landowner contact information.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations within a Payment Unit to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

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) 1-5, unless changed by written agreement, cutting, skidding, and hauling are not permitted during the period of September 25 to January 1. This restriction is in place to protect private landowner interests.

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant tree sprouting occurs in that Payment Unit to minimize damage to the new regeneration. Any post-harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

5.2.4 - Dead and Down Creation

5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over all pink and/or purple ringed trees after all designated wood has been forwarded from a Payment Unit. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over.

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

The stream crossing called out on the Timber Sale Map will require extra protection such as that afforded by timber mats or another approved system. The stream crossing will span approximately 8 feet between banks and will be placed over the stream for the forwarding of wood. 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 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) 2, 4, and 5, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is due to the presence of seasonally saturated soils.

5.2.31 - Landing locations (9/13)

Landing areas are marked on the Timber Sale Map with the letter "L". Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative. In general, landings are limited to a "T" turnaround which will accommodate a truck with a 50-foot trailer.

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.

5.5 - Protection of Improvements

5.5.3 - Protection of improvements detail (10/13)

The following are specific protection measures for this sale. Harvesting equipment shall be parked away from any body of water when not in use as a precaution to prevent contamination of water resources.

7 - Other Conditions

7.2 - Extensions

7.2.2 - No extensions (3/09)

There will be no extensions granted on this contract. The purpose of this restriction is to protect private landowner interests.



TIMBER SALE MAP

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

Forest Management Unit Atlanta		County Alpena	Mapped By D. Parris	Date 09/25/2021	Page 1	of 1
Township 29N	Range 08E	Section(s) and Subdivision(s) Sec 3 SWNW,NWSW,S1/2SW; Sec 4 S1/2NE		Scale 1:15,840		

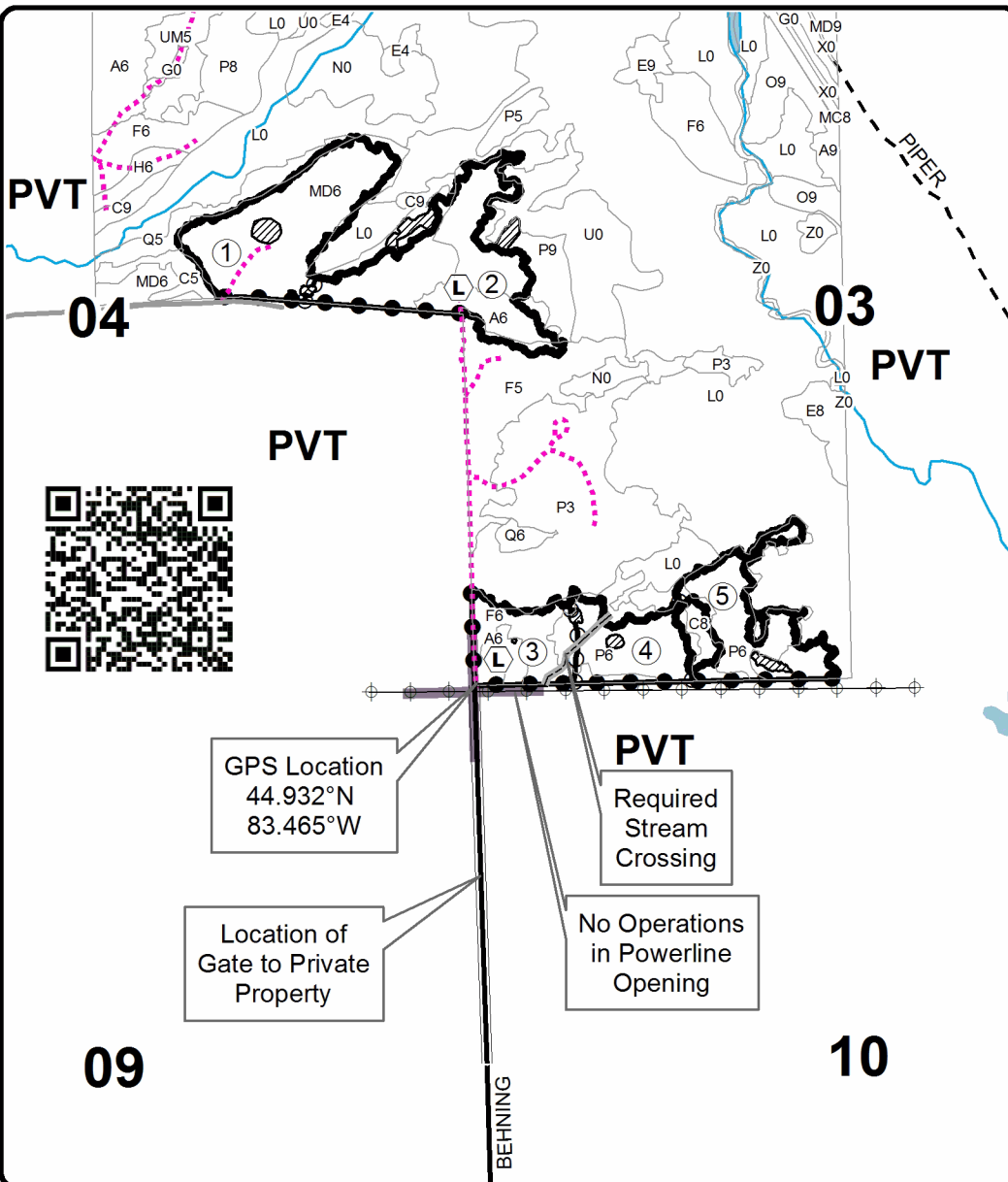
Cover Type				Density			
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well		
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling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

PU	Acres	PU	Acres
1	19.1	4	8.7
2	20.9	5	11.8
3	9.3		

Boar's Nest Blend

Compartment 83

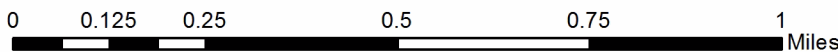
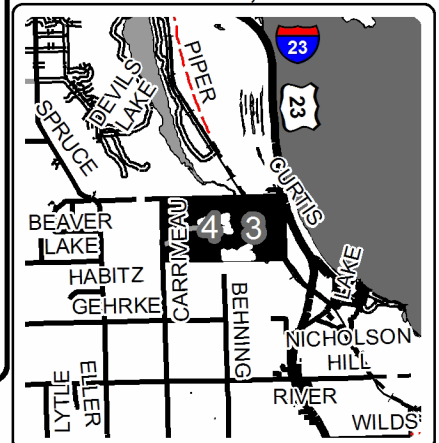
69.8 Acres



Legend

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Stand Boundaries
- ▨ Retention (Red)
- Payment Unit
- Ⓛ Landing
- Private Road Access
- Paved Road
- - Gravel Road
- Private
- ⋯ Temporary Management Access
- ⊕ Utility Lines
- Stream Within Stand
- Perennial River
- Lakes and Rivers
- Section Corners

Locator Map
1:200,000



JC Island Mix (54-020-21)
T31N, R07E, SEC. 34; Alpena COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on May 24, 2022, 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			
Bl/R/Hybrid Oak	147.6 MBF	\$ 59.00/MBF	\$ _____
Mixed Aspen	17.4 MBF	\$ 105.00/MBF	\$ _____
Red Maple	9.6 MBF	\$ 48.00/MBF	\$ _____
Red Oak	24.4 MBF	\$ 172.00/MBF	\$ _____
Red Pine	54.4 MBF	\$ 118.00/MBF	\$ _____
White Pine	716.0 MBF	\$ 35.00/MBF	\$ _____
Pulpwood			
Balsam Fir	4 Cords	\$ 16.40/Cord	\$ _____
Jack Pine	33 Cords	\$ 8.80/Cord	\$ _____
Mixed Aspen	65 Cords	\$ 26.20/Cord	\$ _____
Mixed Oak	366 Cords	\$ 41.70/Cord	\$ _____
Red Maple	81 Cords	\$ 20.50/Cord	\$ _____
Red Pine	118 Cords	\$ 38.65/Cord	\$ _____
Scotch Pine	15 Cords	\$ 14.05/Cord	\$ _____
White Pine	829 Cords	\$ 12.80/Cord	\$ _____
White Spruce	1 Cords	\$ 7.75/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 4.73 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



**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.*

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

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

Boar's Nest Blend (54-034-21)
T29N, R08E, SEC. 3; T29N, R08E, SEC. 4; Alpena COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on May 24, 2022, 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			
Mixed Aspen	66.4 MBF	\$ 105.00/MBF	\$ _____
Paper Birch	24.2 MBF	\$ 30.00/MBF	\$ _____
Red Maple	78.4 MBF	\$ 48.00/MBF	\$ _____
Pulpwood			
Balsam Fir	247 Cords	\$ 16.40/Cord	\$ _____
Mixed Aspen	688 Cords	\$ 26.20/Cord	\$ _____
Mixed Hardwood	336 Cords	\$ 20.50/Cord	\$ _____
Mixed Spruce	47 Cords	\$ 7.75/Cord	\$ _____
Paper Birch	180 Cords	\$ 11.25/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 6.25 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
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VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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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