

# DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7730

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on November 12, 2025. LOCATION: ESCANABA MGMT UNIT, 6833 US-2, 41 & M-35, GLADSTONE, MI 49837.

<u>CONTACT NAME:</u> Dan Racine <u>PHONE NUMBER:</u> (906) 789-8231

<u>PROSPECTUS NOTE:</u> 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, CRYSTAL FALLS MANAGEMENT UNIT, for certain timber on the following described lands:

Kraggle Rock Road (12-010-25) / T42N, R29W, SEC. 21, NESE, S1/2SE.

T42N, R29W, SEC. 22, SW, NWSE, S1/2SE.

T42N, R29W, SEC. 24, SWSE.

T42N, R29W, SEC. 25, NENW, NWNE.

T42N, R29W, SEC. 26, NW,W1/2NE.

T42N, R29W, SEC. 27, NENW, NE.

Dickinson County, Advertised Price \$123,356.55, 299.2 Acres, Aspen, Hardwood.

SALE NOTE: Operation in Payment Units 3, 4, 6, 7, 10 and 11 are restricted during bark slip (April 15-July 15).

Primary access through sale is also a snowmobile trail and has operational restrictions during snowmobile season.

Most stands have some lowland areas.

Miscellaneous pulp contains 153 cords of deteriorating white ash and 76 cords of deteriorating black ash. Strongly recommend Purchaser inspect sale for roadwork needs.

Timber mat crossing may be needed at location on map (between Payment Units 1 and 2); DNR will obtain necessary permits.

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

#### TIMBER SALE INFORMATION

#### Kraggle Rock Road (12-010-25)

T42N, R29W, SEC. 21; T42N, R29W, SEC. 22; T42N, R29W, SEC. 24; T42N, R29W, SEC. 25; T42N, R29W, SEC. 26; T42N, R29W, SEC. 27.

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

PRODUCTS & SPECIES	<b>ESTIMATE</b>	ED UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Basswood	186.8	MBF	\$	58.00 / MBF
Paper Birch	2.3	MBF	\$	82.00 / MBF
Red Maple	72.1	MBF	\$	169.00 / MBF
Sugar Maple	57.9	MBF	\$	291.00 / MBF
Pulpwood				
Balsam Fir	98	Cords	\$	5.50 / Cord
Basswood	507	Cords	\$	5.35 / Cord
Misc. Species 1	229	Cords	\$	7.50 / Cord
Mixed Hardwood	2,857	Cords	\$	13.10 / Cord
Quaking Aspen	2,148	Cords	\$	18.80 / Cord
White Spruce	47	Cords	\$	11.10 / Cord

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 10.47 percent. There are an estimated 6,636 cords on this timber sale, plus or minus 695 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

#### **BOND AND PAYMENT SCHEDULE:**

- 1. A bond in the amount of \$9,868.52 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:

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PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	6.1%
02	18.6%
03	5.1%
04	8.0%
05	14.5%
06	6.7%
07	7.0%
08	14.9%
09	10.0%
10	4.3%
11	4.8%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2030.

#### **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.

VOL	UME	STATISTICAL RANGE IN CORDS		ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM	
524,249	6,636	10.47%	5,941	7,331

# **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 II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
25	346,164	4,382	14.47%	3,748	5,016
31	19,980	253	26.99%	185	321
35	18,695	237	31.71%	162	312
52	46,762	592	30.79%	410	774
56	71,723	908	21.33%	714	1,102
70	20,926	265	29.88%	186	344
TOTAL:	524,249	6,636		5,404	7,868

#### **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
TOTAL:			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	2.8	MBF	13.7	\$7,502.40
	Paper Birch		0.2	MBF		
	Red Maple		5.5	MBF		
	Sugar Maple		1.9	MBF		
	Balsam Fir	Pulpwood	9	Cords		
	Basswood		22	Cords		
	Misc. Species 1		10	Cords		
	Black Ash		7	Cords		
	White Ash		3	Cords		
	Mixed Hardwood		170	Cords		
	Balsam Poplar		6	Cords		
	Ironwood		1	Cords		
	Paper Birch		6	Cords		
	Red Maple		95	Cords		
	Sugar Maple		58	Cords		
	Yellow Birch		4	Cords		
	Quaking Aspen		177	Cords		
	White Spruce		4	Cords		
2	Basswood	Sawtimber	8.6	MBF	41.7	\$22,918.60
_	Paper Birch	Cawaniboi	0.7	MBF		Ψ22,010.00
	Red Maple		16.8	MBF		
	Sugar Maple		5.9	MBF		
	Balsam Fir	Pulpwood	29	Cords		
	Basswood	i uipwood	66	Cords		
			30	Cords		
	Misc. Species 1		22	l		
	Black Ash			Cords		
	White Ash		8	Cords Cords		
	Mixed Hardwood		519	l		
	Balsam Poplar		18	Cords		
	Ironwood		2	Cords		
	Paper Birch		17	Cords		
	Red Maple		291	Cords		
	Sugar Maple		177	Cords		
	Yellow Birch		14	Cords		
	Quaking Aspen		538	Cords		
	White Spruce		14	Cords		
3	Basswood	Sawtimber	9.6	MBF	27.0	\$6,284.30
	Red Maple		1.9	MBF		
	Sugar Maple		9.7	MBF		
	Basswood	Pulpwood	10	Cords		
	Misc. Species 1		2	Cords		
	White Ash		2	Cords		
	Mixed Hardwood		192	Cords		
	Ironwood		1	Cords		
	Red Maple		27	Cords		
	Sugar Maple		164	Cords		
4	Basswood	Sawtimber	16.7	MBF	25.8	\$9,854.45
	Red Maple		1.5	MBF		
	Sugar Maple		7.1	MBF		
	Basswood	Pulpwood	67	Cords		
	Mixed Hardwood		438	Cords		
	Ironwood		8	Cords		
	Red Maple		202	Cords		
	Sugar Maple		223	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Quaking Aspen	Pulpwood	25	Cords		
5	Basswood	Sawtimber	6.7	MBF	32.5	\$17,853.35
	Paper Birch		0.5	MBF		
Red Maple	Red Maple		13.1	MBF		
	Sugar Maple		4.6	MBF		
	Balsam Fir	Pulpwood	22	Cords		
	Basswood		51	Cords		
	Misc. Species 1		24	Cords		
	Black Ash		17	Cords		
	White Ash		7	Cords		
	Mixed Hardwood		403	Cords		
	Balsam Poplar		14	Cords		
	Ironwood		2	Cords		
	Paper Birch		13	Cords		
	Red Maple		226	Cords		
	Sugar Maple		138	Cords		
	Yellow Birch		10	Cords		
	Quaking Aspen		420	Cords		
	White Spruce		11	Cords		
6	Basswood	Sawtimber	31.9	MBF	28.6	\$8,290.45
	Red Maple		5.3	MBF		
	Sugar Maple		3.6	MBF		
	Basswood	Pulpwood	47	Cords		
	Misc. Species 1		60	Cords		
	White Ash		60	Cords		
	Mixed Hardwood		129	Cords		
	Ironwood		1	Cords		
	Paper Birch		4	Cords		
	Red Maple		26	Cords		
	Sugar Maple		96	Cords		
	Yellow Birch		2	Cords		
	Quaking Aspen		112	Cords		
7	Basswood	Sawtimber	33.3	MBF	29.9	\$8,644.15
	Red Maple		5.5	MBF		
	Sugar Maple		3.7	MBF		
	Basswood	Pulpwood	49	Cords		
	Misc. Species 1		61	Cords		
	White Ash		61	Cords		
	Mixed Hardwood		135	Cords		
	Ironwood		2	Cords		
	Paper Birch		4	Cords		
	Red Maple		27	Cords		
	Sugar Maple		100	Cords		
	Yellow Birch		2	Cords		
	Quaking Aspen		118	Cords		
8	Basswood	Sawtimber	6.9	MBF	33.4	\$18,358.65
	Paper Birch		0.5	MBF		
	Red Maple		13.4	MBF		
	Sugar Maple		4.7	MBF		
	Balsam Fir	Pulpwood	23	Cords		
	Basswood		53	Cords		
	Misc. Species 1		25	Cords		
	Black Ash		18	Cords		
	White Ash		7	Cords		
		417	Cords			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
8 con't	Balsam Poplar	Pulpwood	15	Cords		
	Ironwood		2	Cords		
	Paper Birch		14	Cords		
	Red Maple		233	Cords		
	Sugar Maple		142	Cords		
	Yellow Birch		11	Cords		
	Quaking Aspen		431	Cords		
	White Spruce		11	Cords		
9	Basswood	Sawtimber	4.7	MBF	22.5	\$12,393.60
	Paper Birch		0.4	MBF		
	Red Maple		9.1	MBF		
	Sugar Maple		3.2	MBF		
	Balsam Fir	Pulpwood	15	Cords		
	Basswood	-	36	Cords		
	Misc. Species 1		17	Cords		
	Black Ash		12	Cords		
	White Ash		5	Cords		
	Mixed Hardwood		280	Cords		
	Balsam Poplar		10	Cords		
	Ironwood		1	Cords		
	Paper Birch		9	Cords		
	Red Maple		157	Cords		
	Sugar Maple		96	Cords		
	Yellow Birch		7	Cords		
	Quaking Aspen		291	Cords		
	White Spruce		7	Cords		
10	Basswood	Sawtimber	28.0	MBF	20.2	\$5,321.25
	Sugar Maple		5.1	MBF		
	Basswood	Pulpwood	57	Cords		
	Mixed Hardwood	-	94	Cords		
	Red Maple		4	Cords		
	Sugar Maple		90	Cords		
	Quaking Aspen		36	Cords		
11	Basswood	Sawtimber	37.6	MBF	23.9	\$5,935.35
	Sugar Maple		8.4	MBF		
	Basswood	Pulpwood	49	Cords		
	Mixed Hardwood		80	Cords		
	Ironwood		3	Cords		
	Sugar Maple		77	Cords		
		TOTAL:	319.1	MBF		
		TOTAL:	5,886	Cords		

# Sale Specific Conditions & Requirements

Sale Name: Kraggle Rock Road Sale Number: 12-010-25 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 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, 2, 5, 8 and 9, cut all trees that are four (4) inches or more at DBH, except do not cut cherry, cedar, hemlock, pine and green painted trees. In addition, do not cut conifers measuring 6" or less in diameter at stump height.

# 2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 3, 6, 7, 10 and 11, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

#### 2.1.7 - Leave Tree Marked Unit(s) (6/14)

Within Payment Unit(s) 4, all trees are designated for cutting, except do not cut cherry or any conifers or trees marked with green paint above and below stump height.

# 2.1.11 - Description of Timber Note (2/04)

Note that Misc. Species 1 is deteriorating White and Black Ash pulpwood.

# 4 - Transportation

#### 4.1 - Construction

#### 4.1.2 - Stream Crossings, Specific (3/11)

The crossing between Units 1 and 2 will require the installation of a portable mat bridge. This installation will be performed in accordance with the specifications on the appropriate permits which shall be provided by the DNR.

#### 4.1.6 - Road Construction (4/24)

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, 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: Construction of road on management easement accessing Payment Unit 5 from Six Mile Lake Rd. This will include improving approximately 0.25 mile of existing trail and new road construction of approximately 720 feet.

#### 4.2 - Maintenance

#### 4.2.1 - Hauling Restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during wet weather conditions. No hauling Friday, Saturday, Sundays during snowmobile season once the trail has been groomed.

#### 4.4 - Access

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

Permission for access across private land has been obtained by the DNR and is shown on the map as a management easement. Permission for alternate access across private land at other locations is the responsibility of the Purchaser.

#### 5 - Operations

# 5.2 - Conduct of Operations

# 5.2.3 - Operating Restrictions

# 5.2.3.3 - Bark Slippage Restriction (3/09)

Within Payment Unit(s) 3, 4, 6, 7, 10 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.

#### 5.2.22 - Operating Caution

# 5.2.22.1 - Operating Caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 2, 5, 8 and 9, cutting and skidding occur during dry summer or frozen winter conditions. The reason for the recommendation is due to wet soils.

# 5.2.37 - No Decking Areas (12/08)

No decking is allowed along the snowmobile trail during the snowmobile season once it has been groomed. Stub roads will be permitted for decking.

#### 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 primary access road is also 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 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. Hauling will not be permitted Friday, Saturday or Sunday during the snowmobile season if the trail has been groomed. During the snowmobile season, no decking of forest products will be permitted along the snowmobile trail. Stub roads for decking will be permitted.

#### 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 are 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.

# 6 - Safety and Fire Prevention

#### 6.2 - Signing

#### 6.2.2 - Snowmobile Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail 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.

#### 7 - Other Conditions

# 7.5.1 - Deteriorating Timber (7/09)

The Sale Area has received damage from the Emerald Ash Borer disease within the white and black ash sold under Misc. Species 1. 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.

Section Name: Sale Specific Current as of 10/1/2025 12:26:53PM



