



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7781**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on March 12, 2026.**

LOCATION: **BARAGA MGMT UNIT, 427 US 41 NORTH, BARAGA, MI 49908.**

CONTACT NAME: Brad Carlson

PHONE NUMBER: (906) 353-6651

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

Archive Valley (11-005-26) / T48N, R33W, SEC. 29, SESW,SWSE.

T48N, R33W, SEC. 32, NENW,NE,E1/2SW,SE.

Baraga County, Advertised Price \$41,890.75, 193.4 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Access may be through private land.

# TIMBER SALE INFORMATION

Archive Valley (11-005-26)  
 T48N, R33W, SEC. 29; T48N, R33W, SEC. 32.  
 Baraga County (Advertised Price \$41,890.75)

SALE NOTE: Access may be through private land.

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

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Black Cherry	6.5 MBF	\$ 33.00 / MBF
Red Maple	19.6 MBF	\$ 164.00 / MBF
Sugar Maple	32.6 MBF	\$ 300.00 / MBF
Yellow Birch	2.1 MBF	\$ 117.00 / MBF
Pulpwood		
Balsam Fir	97 Cords	\$ 5.40 / Cord
Mixed Hardwood	2,080 Cords	\$ 12.35 / Cord
Mixed Spruce	153 Cords	\$ 10.50 / Cord
Paper Birch	63 Cords	\$ 6.10 / Cord
Tamarack	27 Cords	\$ 8.65 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 11.34 percent. There are an estimated 2,562 cords on this timber sale, plus or minus 291 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 \$4,189.08 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	13.8%
02	5.3%
03	25.9%
04	23.4%
05	31.6%
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.

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
202,406	2,562	11.34%	2,272	2,853

**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
32	25,504	323	22.84%	249	397
47	75,961	962	22.23%	748	1,175
48	14,882	188	31.65%	129	248
53	86,059	1,089	16.21%	913	1,266
<b>TOTAL:</b>	<b>202,406</b>	<b>2,562</b>		<b>2,038</b>	<b>3,086</b>

**VDU TO PAYMENT UNIT**

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

VDU	VDU ACRES	PU	PU ACRES
<b>TOTAL:</b>			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	3.2	MBF	26.4	\$5,762.05
	Sugar Maple		5.3	MBF		
	Balsam Fir	Pulpwood	10	Cords		
	Mixed Hardwood		285	Cords		
	<i>Black Cherry</i>		6	Cords		
	<i>Red Maple</i>		44	Cords		
	<i>Sugar Maple</i>		235	Cords		
	Mixed Spruce		7	Cords		
	<i>Black Spruce</i>		7	Cords		
2	Black Cherry	Sawtimber	1.8	MBF	16.4	\$2,231.60
	Balsam Fir	Pulpwood	13	Cords		
	Mixed Hardwood		160	Cords		
	<i>Black Cherry</i>		1	Cords		
	<i>Red Maple</i>		62	Cords		
	<i>Sugar Maple</i>		97	Cords		
	Mixed Spruce		12	Cords		
	<i>White Spruce</i>		12	Cords		
	3	Black Cherry	Sawtimber	2.5		
Red Maple			1.8	MBF		
Sugar Maple			13.3	MBF		
Balsam Fir		Pulpwood	13	Cords		
Mixed Hardwood			515	Cords		
<i>Black Cherry</i>			13	Cords		
<i>Red Maple</i>			91	Cords		
<i>Sugar Maple</i>			407	Cords		
<i>Yellow Birch</i>			4	Cords		
Mixed Spruce			3	Cords		
<i>White Spruce</i>			3	Cords		
4		Black Cherry	Sawtimber	2.2	MBF	39.9
	Red Maple		1.6	MBF		
	Sugar Maple		12.1	MBF		
	Balsam Fir	Pulpwood	11	Cords		
	Mixed Hardwood		467	Cords		
	<i>Black Cherry</i>		12	Cords		
	<i>Red Maple</i>		83	Cords		
	<i>Sugar Maple</i>		369	Cords		
	<i>Yellow Birch</i>		3	Cords		
	Mixed Spruce		2	Cords		
	<i>White Spruce</i>		2	Cords		
	5	Red Maple	Sawtimber	13.0	MBF	
Sugar Maple			1.9	MBF		
Yellow Birch			2.1	MBF		
Balsam Fir		Pulpwood	50	Cords		
Mixed Hardwood			653	Cords		
<i>Black Cherry</i>			21	Cords		
<i>Red Maple</i>			511	Cords		
<i>Sugar Maple</i>			31	Cords		
<i>Yellow Birch</i>			90	Cords		
Mixed Spruce			129	Cords		
<i>White Spruce</i>			129	Cords		
Paper Birch			63	Cords		
Tamarack			27	Cords		
TOTAL:			60.8	MBF		
TOTAL:			2,420	Cords		

## Sale Specific Conditions & Requirements

Sale Name: Archive Valley

Sale Number: 11-005-26 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 and red 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 red paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Red 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

##### 2.1.2 - Clearcut Unit(s) w/o Unmerchantable Trees (8/11)

Within Payment Unit(s) 5, cut all trees which meet minimum piece specifications in 2.2 Utilization except hemlock, white pine, cedar, and red oak. Also, retain all hardwood that are 22" DBH and greater.

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

Within Payment Unit(s) 1, 2, 3 & 4, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, all balsam fir, white spruce and black spruce that meet minimum piece specifications are to be harvested.

#### 2.2 - Utilization

##### 2.2.3 - Stump Heights (12/24)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches at DBH and four (4) inches for trees smaller than 10 inches at DBH. A written waiver of this requirement may be obtained from the Unit Manager or his/her representative.

##### 2.2.4 - Skidding Length (12/24)

Skidding of unlimbed tops or lengths over 17 feet is not permissible, unless approved by the Unit Manager or his/her representative. Skidding of tops and branches may only occur when ground is frozen to minimize soil compaction and root damage. If at any point damage exceeds specification 3.4.1, all of the remaining wood must be skid in lengths less than 17 feet.

##### 2.2.7 - Uncut Designated Trees (2/04)

Liquidated damages of \$10.00 per tree will be assessed for every marked tree not cut.

##### 2.2.8 - Utilization and Removal (12/24)

All products meeting standards set forth in General Condition and Requirement 2.2 - Utilization must be removed from the Sale Area. Retain on site more than 1/3 of the slash from harvested trees (tree tops and limbs less than four inches in diameter). This is because scattered tops and limbs help to maintain soil nutrients and provide for wildlife habitat and biodiversity.

##### 2.2.11 - Chipping Restriction (9/14)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped. In addition, brush or chips may not be stored or stockpiled on site for more than 30 days.

### 3 - Payments

#### 3.4 - Damaged Timber

##### 3.4.1 - Damaged Timber (12/24)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesigned 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. Note that: trees within 10 feet of ruts exceeding 6" will be considered damaged due to damage caused to the tree roots (see spec 5.4.1).

#### 3.4.3 - Special Protection Areas (8/11)

The Purchaser shall protect special protection areas from damage by the Purchaser's operations. Special protection areas are marked with a red boundary line and identified on the sale map in red as Excluded Areas. The Purchaser shall not cut live or dead trees within special protection areas. No trees are to be felled across protected area boundary and all slash is to be kept a minimum of 10 feet away from the protected area boundary. Areas of concern will be discussed with the Purchaser at the pre-sale meeting. If the Purchaser's operations have cut or damaged special protection areas through carelessness, the Purchaser shall be responsible for all damages to the site and costs incurred with restoration. Such payment does not constitute ownership of the undesignated timber.

## 4 - Transportation

### 4.1 - Construction

#### 4.1.1 - Stream Crossings, General (1/25)

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 for crossings located on state land. The purchaser shall notify the DNR 90 days prior to working on any crossing that will require an EGLE permit.

#### 4.1.5 - Culverts (5/14)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the Sale Administrator, and they shall be installed prior to hauling. The culverts shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of 12 inches in diameter and 24 feet in length. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the Sale Administrator and as specified in the BMP manual. Stream crossing permits, if needed, will be obtained by the DNR for crossings located on state land. The purchaser shall notify the DNR 90 days prior to working on any crossing that will require a EGLE permit.

#### 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 if the Purchaser uses Murphy Road road to access the sale: The road must be maintained and left in a condition better than or equal to before the sale.

### 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 bulldozer 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.

#### 4.2.5 - 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.

### 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.

## 5 - Operations

### 5.1 - Notification

#### 5.1.1 - Pre-sale Conference (10/25)

A pre-sale conference on site between the Purchaser and Sale Administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

#### 5.1.3 - Well Heads and Natural Gas Pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact Northern Natural Gas at (402) 398-7042 or (866) 398-7042. Written permission is required before harvest operations begin and must be submitted to the Unit Manager.

#### 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

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

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

##### 5.2.1.14 - Chipping of Slash (10/08)

If tops are chipped, they must be skidded to the landing separately from the bole section of the tree. Skidding of tops must be done in such a way as to minimize damage to the residual trees. See related specs 2.2.4 - Skidding Length and 3.4.1 - Damaged Timber.

#### 5.2.2 - Hazard Trees/Snags

##### 5.2.2.1 - Den Trees (10/16)

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

#### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1, 2, 3, 4, and 5, unless changed by written agreement, all cleanup activities must be completed by June 30 for all areas that were harvested during the previous harvest season. This restriction is because to allow the harvest area to revegetate before the dry season.

##### 5.2.3.3 - Bark Slippage Restriction (3/09)

Within Payment Unit(s) 1, 2, 3 and 4, 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 (5/23)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment 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. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. 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 and \$2,000.00 per composite 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. Damage for the composite mats is defined as cracked or broken mats.

#### 5.2.30 - Landing/Road Topsoil Protection (1/25)

Topsoil on new landings and new roads must be removed, stockpiled, and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation. In addition, the area must be seeded and mulched per Sale Administrator's instructions.

#### 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 6 inches or greater in depth and 25 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. Note: Trees within 10 feet of ruts exceeding 6" will be considered damage due to damage caused to the tree roots and will be billed in accordance with 3.4 Damaged Timber.

### 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 onsite 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 Murphy 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.

Sale Number	Date	
<b>11-005-26</b>	12/19/2025	
Scale	Page	Of
1:15,840	1	1

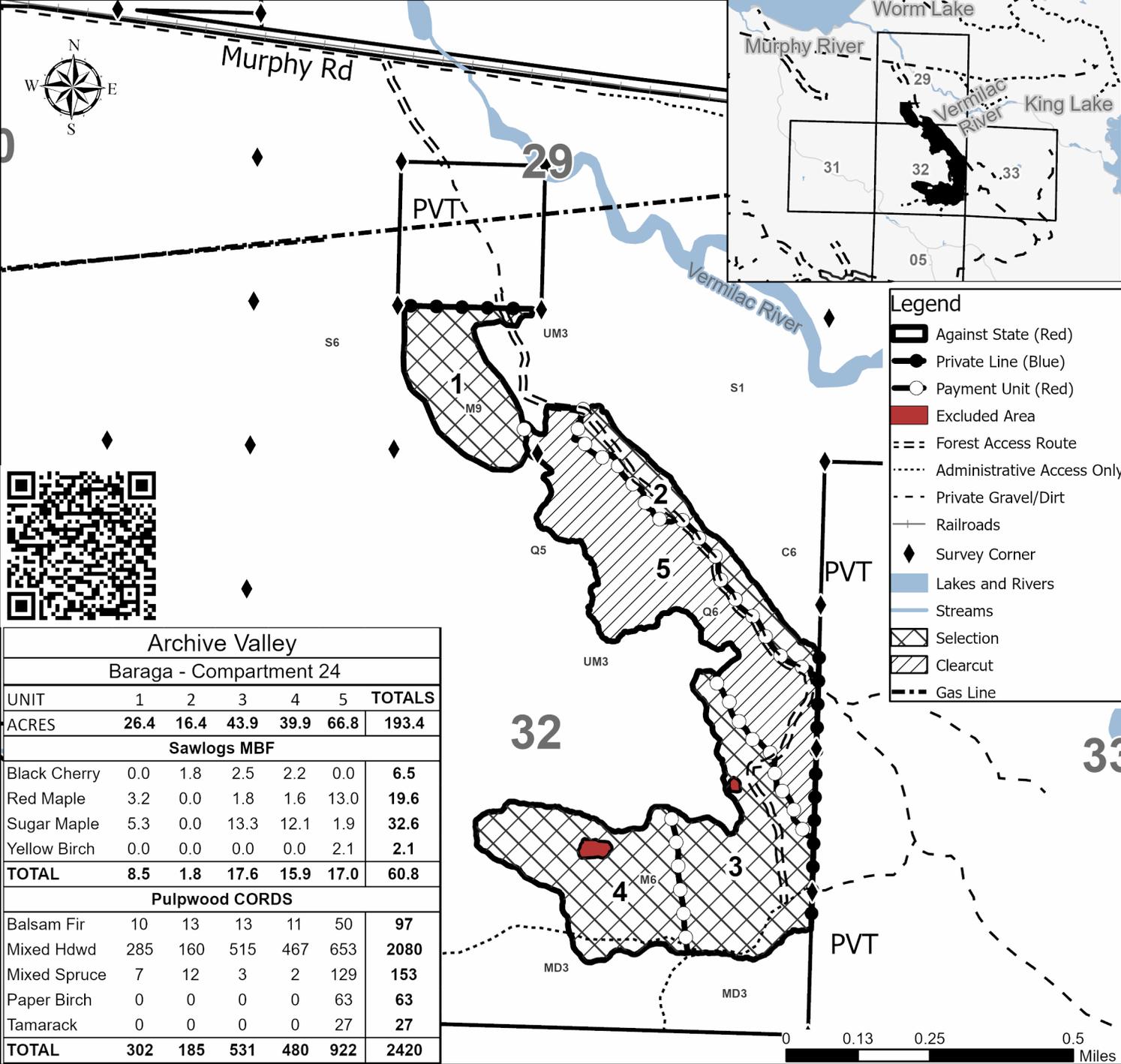
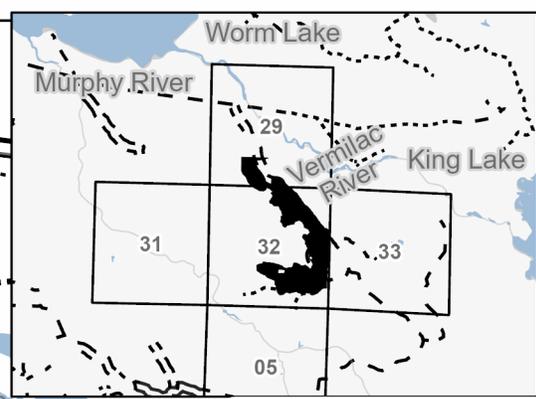
Forest Management Unit	County	Mapped By: Dorvinen
Baraga Mgt Unit	Baraga	Cruised By: Dorvinen, Hansen

Township	Range	Section(s) and Subdivision(s)
48N	33W	Sec. 29 SESW,SWSE; Sec. 32 NENW,NE,E1/2SW,SE;

Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous	Z = Water	
H = Hemlock	N = Marsh		

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

**Locator Map 1:100,000**



Archive Valley						
Baraga - Compartment 24						
UNIT	1	2	3	4	5	TOTALS
ACRES	26.4	16.4	43.9	39.9	66.8	193.4
Sawlogs MBF						
Black Cherry	0.0	1.8	2.5	2.2	0.0	6.5
Red Maple	3.2	0.0	1.8	1.6	13.0	19.6
Sugar Maple	5.3	0.0	13.3	12.1	1.9	32.6
Yellow Birch	0.0	0.0	0.0	0.0	2.1	2.1
<b>TOTAL</b>	<b>8.5</b>	<b>1.8</b>	<b>17.6</b>	<b>15.9</b>	<b>17.0</b>	<b>60.8</b>
Pulpwood CORDS						
Balsam Fir	10	13	13	11	50	97
Mixed Hdwd	285	160	515	467	653	2080
Mixed Spruce	7	12	3	2	129	153
Paper Birch	0	0	0	0	63	63
Tamarack	0	0	0	0	27	27
<b>TOTAL</b>	<b>302</b>	<b>185</b>	<b>531</b>	<b>480</b>	<b>922</b>	<b>2420</b>