



**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.**

CONTACT NAME: Cody Stevens

PHONE NUMBER: (989) 785-4251

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:

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.

# TIMBER SALE INFORMATION

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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		
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 \$2,140.74 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
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.

	VOLUME			RANGE IN CORDS	
VDU	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
<b>TOTAL:</b>	<b>153,859</b>	<b>1,948</b>		<b>1,664</b>	<b>2,231</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
8	9.1	3	1.3
		4	7.8
19	8.4	2	8.4
20	26.4	1	19.1
		2	7.3
30	6.9	3	6.0
		4	0.9
32	2.0	3	2.0
37	11.8	5	11.8
61	5.2	2	5.2
<b>TOTAL:</b>	<b>69.8</b>		<b>69.8</b>

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

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Mixed Hardwood	Pulpwood	7	Cords		
	<i>Red Maple</i>		7	<i>Cords</i>		
	Mixed Spruce		8	Cords		
	<i>White Spruce</i>		8	<i>Cords</i>		
	Paper Birch		4	Cords		
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	Cords		
	<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	Cords		
	<i>Balsam Poplar</i>		29	<i>Cords</i>		
	<i>Quaking Aspen</i>		80	<i>Cords</i>		
	Mixed Spruce		15	Cords		
	<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.

Sale Number	Year
54-034	21

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		

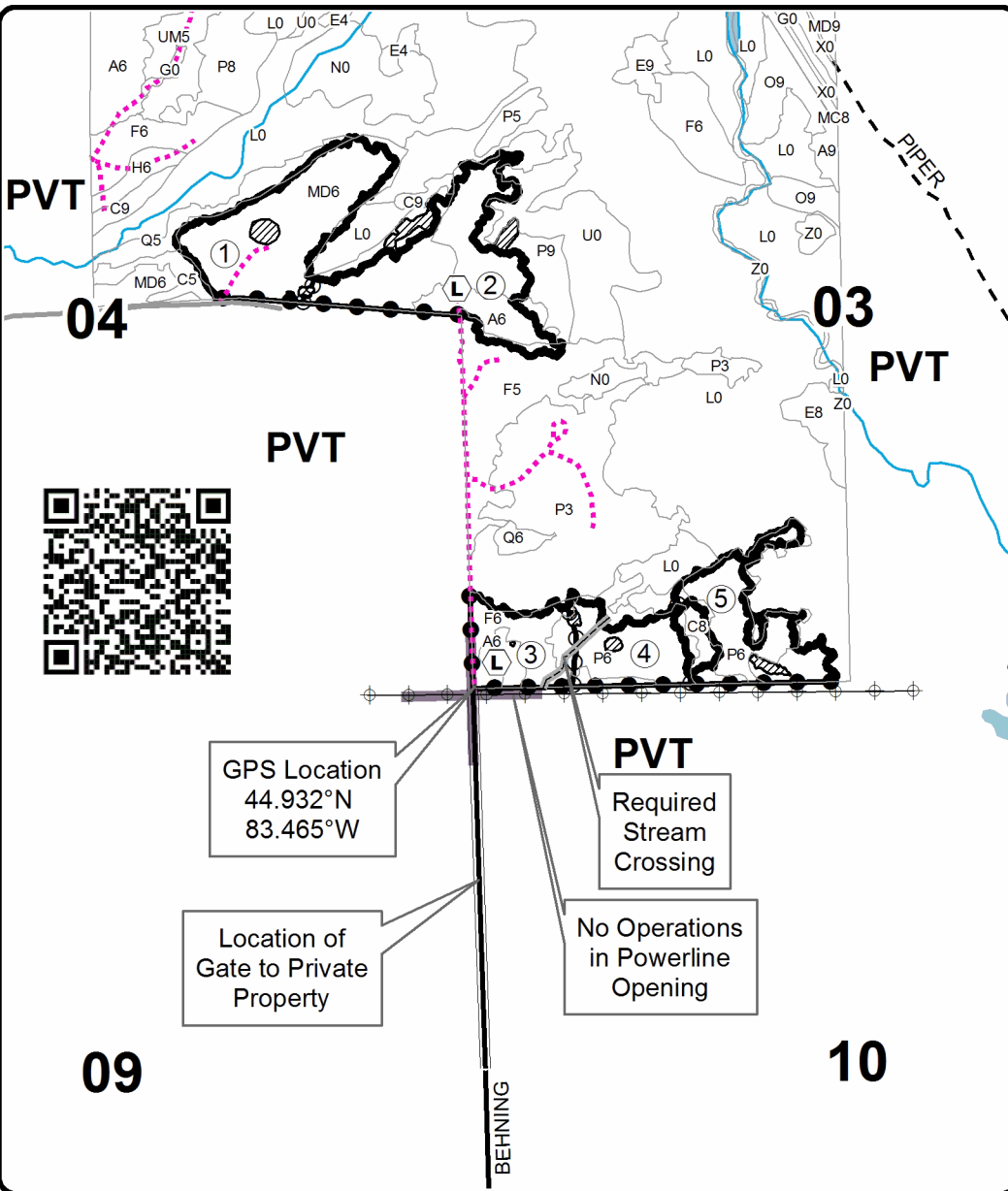
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	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

