



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #5857**

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on February 15, 2017.

LOCATION: SHINGLETON MGMT UNIT, PO BOX 67 M-28 WEST, SHINGLETON, MI 49884.

CONTACT NAME: Robert Burnham

PHONE NUMBER: (906) 452-6227

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

GNA Snakewood (41-024-16)

Alger County, Advertised Price \$143,008.90, 305.7 Acres, Jack Pine, Red Pine.

SALE NOTE: This is a Good Neighbor Authority (GNA) timber sale on National Forest land. This timber sale was set-up and is being advertised by the Michigan DNR for the US Forest Service. The contract will be awarded and administered by the Michigan DNR. Note the additional Sale Specific Conditions & Requirements containing the acronym 'GNA'.

Purchaser shall adhere to specific requirements regarding cleaning equipment. See Sale Spec 5.6.2 for specific information.

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. Access may be through other public land.

## TIMBER SALE INFORMATION

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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.

Bids must be at or above the following advertised price for each species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Pulpwood		
Balsam Fir	12.00 Cords	\$ 15.65 / Cord
Black Spruce	7.00 Cords	\$ 31.60 / Cord
Jack Pine	578.00 Cords	\$ 47.10 / Cord
Paper Birch	2.00 Cords	\$ 25.10 / Cord
Quaking Aspen	436.00 Cords	\$ 28.70 / Cord
Red Maple	198.00 Cords	\$ 24.75 / Cord
Red Pine	1,517.00 Cords	\$ 58.75 / Cord
White Pine	319.00 Cords	\$ 27.55 / Cord

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

1. A bond in the amount of \$7,150.45 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.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2020.

**Description of Timber by Payment Unit (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Jack Pine Red Pine	Pulpwood	28.0	Cords	7.8	\$4,138.80
			48.0	Cords		
2	Balsam Fir	Pulpwood	12.0	Cords	24.8	\$11,469.85
	Black Spruce		7.0	Cords		
	Jack Pine		42.0	Cords		
	Quaking Aspen		19.0	Cords		
	Red Pine		135.0	Cords		
	White Pine		22.0	Cords		
3	Jack Pine	Pulpwood	60.0	Cords	22.2	\$7,582.05
	Quaking Aspen		4.0	Cords		
	Red Pine		79.0	Cords		
4	Jack Pine	Pulpwood	24.0	Cords	8.7	\$3,009.05
	Quaking Aspen		2.0	Cords		
	Red Pine		31.0	Cords		
5	Jack Pine	Pulpwood	77.0	Cords	52.0	\$25,065.30
	Quaking Aspen		3.0	Cords		
	Red Pine		340.0	Cords		
	White Pine		50.0	Cords		
6	Jack Pine	Pulpwood	4.0	Cords	17.3	\$8,109.25
	Quaking Aspen		10.0	Cords		
	Red Pine		129.0	Cords		
	White Pine		2.0	Cords		
7	Jack Pine	Pulpwood	24.0	Cords	14.5	\$7,592.90
	Red Pine		110.0	Cords		
8	Jack Pine	Pulpwood	1.0	Cords	4.7	\$2,749.60
	Red Pine		46.0	Cords		
9	Jack Pine	Pulpwood	8.0	Cords	10.1	\$5,497.50
	Quaking Aspen		16.0	Cords		
	Red Pine		77.0	Cords		
	White Pine		5.0	Cords		
10	Jack Pine	Pulpwood	6.0	Cords	3.4	\$1,810.10
	Red Pine		26.0	Cords		
11	Jack Pine	Pulpwood	7.0	Cords	6.9	\$3,854.70
	Red Pine		60.0	Cords		
12	Jack Pine	Pulpwood	4.0	Cords	22.7	\$7,463.80
	Quaking Aspen		15.0	Cords		
	Red Pine		94.0	Cords		
	White Pine		48.0	Cords		
13	Jack Pine	Pulpwood	8.0	Cords	6.1	\$3,162.60
	Quaking Aspen		2.0	Cords		
	Red Pine		38.0	Cords		
	White Pine		18.0	Cords		
14	Jack Pine	Pulpwood	30.0	Cords	26.2	\$12,666.70
	Quaking Aspen		10.0	Cords		
	Red Pine		159.0	Cords		
	White Pine		59.0	Cords		
15	Red Pine	Pulpwood	48.0	Cords	5.8	\$2,875.10
	White Pine		2.0	Cords		
16	Jack Pine	Pulpwood	255.0	Cords	22.8	\$19,029.85
	Paper Birch		2.0	Cords		
	Quaking Aspen		90.0	Cords		
	Red Maple		6.0	Cords		
	Red Pine		59.0	Cords		
	White Pine		28.0	Cords		

Description of Timber by Payment Unit (PU), con't

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
17	Quaking Aspen	Pulpwood	2.0	Cords	2.1	\$429.10
	Red Maple		5.0	Cords		
	White Pine		9.0	Cords		
18	Quaking Aspen	Pulpwood	242.0	Cords	9.4	\$11,108.30
	Red Maple		19.0	Cords		
	Red Pine		38.0	Cords		
	White Pine		53.0	Cords		
19	Quaking Aspen	Pulpwood	4.0	Cords	8.8	\$1,308.85
	Red Maple		36.0	Cords		
	White Pine		11.0	Cords		
20	Red Maple	Pulpwood	52.0	Cords	11.5	\$1,287.00
21	Quaking Aspen	Pulpwood	17.0	Cords	17.9	\$2,798.50
	Red Maple		80.0	Cords		
	White Pine		12.0	Cords		
TOTAL:			3,069.0	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: GNA Snakewood**

**Sale Number: 41-024-16 Seq#: 1**

### **1 - Sale Area**

#### **1.2 - Boundaries**

##### **1.2.1 - Painted boundaries (1/14)**

The sale boundary and Payment Unit boundaries are marked and identified by orange and red paint. Exterior sale boundary lines against private property are marked with red paint. Exterior sale boundary lines against federal are marked with orange slashes. Interior Payment Unit boundaries are marked with orange slashes. The painted boundary line trees are not Included Timber and are to be protected, except in Payment Unit 16, orange boundary trees located along Forest Service Road 2557 and Doe Lake Road are to be harvested.

### **2 - Timber Specifications**

#### **2.1 - Included Timber**

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

Within Payment Unit(s) 16 & 18, cut all trees that are one (1) inch or more at DBH except oak and trees marked with an orange X. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected. Special protection areas identified in accordance with condition 3.4.3, 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) 1-15, 17, 19-21, all trees are designated for cutting when marked with blue paint above and below stump height, regardless of merchantability. In Payment Units 3 & 4, cut all Jack pine except trees marked with orange paint.

#### **2.2 - Utilization**

##### **2.2.3 - Stump heights (4/07)**

Stump heights within Payment Unit(s) 16 shall not exceed 6 inches for all trees. This is in order to facilitate regeneration operations. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

##### **2.2.12 - GNA, cut and remove included timber (1/16)**

Unless provided otherwise herein, the DNR agrees to sell and permit Purchaser to cut and remove included timber and Purchaser agrees to purchase, cut, and remove included timber.

### **3 - Payments**

#### **3.3 - Pre-measured Sales**

##### **3.3.4 - Dividing payment units (7/14)**

Payment Unit(s) 5 & 16 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 Supplement. There will be only one division per Payment Unit.

#### **3.4 - Damaged Timber**

##### **3.4.1 - Damaged timber (6/14)**

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.

##### **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 orange paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$100 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

#### 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 an orange boundary line. The Purchaser shall not cut live or dead trees within special protection areas. If the Purchaser's operations have cut or damaged special protection areas through carelessness, the Purchaser shall pay \$1000 as fixed, agreed and liquidated damages for each acre or part thereof 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.

##### 4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

##### 4.1.6 - Road construction (1/09)

Construction of new temporary 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 temporary 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 temporary 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 temporary roads must be rendered impassable to cars and trucks. Contact the sale administrator for specific details of design and placement.

#### 4.2 - Maintenance

##### 4.2.4 - Grading (12/14)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

#### 4.3 - Public Right-of-Way

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

The county must be contacted prior to crossing or harvesting in the county road R-O-W.

#### 4.4 - Access

##### 4.4.3 - Access gate (12/08)

The access gate on FF2243 (shown on map) must be locked at the completion of each day unless otherwise approved by the Unit Manager or his/her representative.

### 5 - Operations

#### 5.1 - Notification

##### 5.1.1 - Pre-sale conference (10/11)

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 5 days in

advance to schedule the conference.

#### 5.1.4 - Post-sale conference (6/11)

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

##### 5.2.1.1 - Slash within sale area (9/16)

No trees are to be felled outside the sale area and all slash is to be kept at least 10 feet back from the orange paint line.

If sale boundary lines are along a public road or highway, then slash must be removed 50' from these lines per General Condition & Requirement 5.2.1.

#### 5.2.2 - Hazard Trees/Snags

##### 5.2.2.1 - Den trees (2/04)

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) 7, 8, 9, 10 and 11, unless changed by written agreement, if common loons or trumpeter swans are present, cutting, skidding, and hauling are not permitted during the period of 03/31 to 09/01. This restriction is because of swan and/or loon nesting.

#### 5.2.37 - No decking areas (12/08)

No decking is allowed outside the timber sale painted boundary or along County roads, unless approved by the Unit Manager and/or his/her representative.

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

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

### 5.4 - Soil Protection

#### 5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 30 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

#### 5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within the vernal pond areas or drainages. When harvesting occurs, there should be no disturbance to the vernal pond depression. All equipment, trees and tops should be kept out of this area. Within 100 feet of the pond, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

### 5.6 - Debris and Waste Material

#### 5.6.2 - GNA, equipment cleaning (1/16)

(a) Areas, known by the DNR prior to timber sale advertisement, that are infested with invasive species of concern are shown on the Timber Sale Map. A current list of invasive species of concern and a map showing the extent of known infestations is available from the DNR. For purposes of this provision, "Off-Road Equipment" includes all logging and construction machinery, except for log trucks, chip vans, service vehicles, water trucks, pickup trucks, cars, and similar vehicles.

(b) Purchaser shall adhere to the following requirements with regard to cleaning "Off-Road Equipment":

(i) Prior to moving Off-Road Equipment onto the Sale Area, Purchaser shall identify the location of the equipment's most

recent operation. Purchaser shall not move any Off-Road Equipment that last operated in an area infested with one or more invasive species of concern onto Sale Area without having cleaned such equipment of seeds, soil, vegetative matter, and other debris that could contain or hold seeds, and having notified the DNR, as provided in (iii). If the location of prior operation cannot be identified, then Purchaser shall assume that the location is infested with invasive species of concern.

(ii) Prior to moving Off-Road Equipment from a cutting unit that is shown on the Timber Sale Map to be infested with invasive species of concern to, or through any other area that is shown as being free of invasive species of concern, or infested with a different invasive species, Purchaser shall clean such equipment of seeds, soil, vegetative matter, and other debris that could contain or hold seeds, and shall notify the DNR, as provided in (iii).

(iii) Prior to moving any Off-Road Equipment subject to the cleaning requirements set forth above, Purchaser shall advise DNR of its cleaning measures and make the equipment available for inspection. DNR shall have 2 days, excluding weekends and State holidays, to inspect equipment after it has been made available. After satisfactory inspection or after such 2 day period, Purchaser may move the equipment as planned. Equipment shall be considered clean when a visual inspection does not disclose seeds, soil, vegetative matter, and other debris that could contain or hold seeds. Purchaser shall not be required to disassemble equipment unless so directed by the DNR after inspection.

(iv) If Purchaser desires to clean Off-Road Equipment on National Forest land, such as at the end of a project or prior to moving to, or through an area that is free of invasive species of concern, Purchaser shall obtain prior approval from the Unit Manager or his/her representative as to the location for such cleaning and measures, if any, for controlling impacts.

(v) Unit Manager or his/her representative may order delay, interruption, or modification of this Contract pursuant to Condition & Requirement 7.3 or 7.3.4.

(c) Nothing contained in this Condition & Requirement shall be interpreted as creating any warranty on the part of the DNR that all locations of invasive species of concern have been described herein, elsewhere in this Contract, or designated on the ground. Following sale advertisement, additional locations may be described or designated, and other species may be added to the list of invasive species of concern. In such event, the Unit Manager or his/her representative may order delay, interruption, or modification of this Contract pursuant to Condition & Requirement 7.3 or 7.3.4.

(d) The parties shall promptly communicate with one another with respect to description or designation of additional locations; discovery of locations of new species or new infestation; and, addition of species to the list of invasive species of concern.

## 5.8 - Protection of Endangered Species

### 5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

## 6 - Safety and Fire Prevention

### 6.2 - Signing

#### 6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Buckhorn Road, FF2557, and Doe Lake Road prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

## 7 - Other Conditions

### SKIP

#### 7.1.1 - GNA, title (7/16)

General Condition & Requirement 7.1 is inapplicable. The following applies to this contract.

All right, title, and interest in and to any Included Timber shall remain in USDA Forest Service with the State of Michigan



acting on behalf of the USDA Forest Service under this GNA contract, until it has been Measured, removed from Sale Area or other authorized cutting area, and paid for, at which time title shall vest in Purchaser. Title to any Included Timber that has been Measured and paid for, but not removed from Sale Area or other authorized cutting area by Purchaser on or prior to Termination Date, shall remain in USDA Forest Service.

### 7.3 - Contract Modifications

#### 7.3.1 - Emerald Ash Borer

##### 7.3.1.2 - Emerald ash borer, ash or firewood on sale (2/05)

There is ash and/or "firewood" in this sale and it is located within an emerald ash borer quarantined area. The Director of the Michigan Department of Agriculture (MDA) by the authority of Act No. 72 of the Public Acts of 1945, as amended, and Quarantine Regulation No. 620, has promulgated this quarantine to prevent the further spread of this pest and sets forth: definitions, regulated articles, regulated areas, conditions of movement, violations and penalties, and special exemptions. The Purchaser must comply with this quarantine. Contact the MDA for further information.

#### 7.3.3 - Modification for reforestation (8/05)

When contractual work of Purchaser has been accepted for any Payment Unit identified on Sale Area Map, Payment Unit will be eliminated from the Sale Area on written notice so that reforestation operations can begin.

#### 7.3.4 - GNA, contract suspension and modification (5/16)

(a) The Unit Manager may, by written order, delay or interrupt authorized operations under this contract or, notwithstanding Condition & Requirement 7.3, modify this contract, in whole or in part:

(i) To prevent environmental degradation or resource damage, including, but not limited to, harm to habitat, plants, animals, cultural resources, or cave resources;

(ii) To ensure consistency with land and resource management plans or other documents prepared pursuant to the National Environmental Policy Act of 1969, 42 USC 4321-4347;

(iii) To conduct environmental analysis, including, but not limited to, engaging in consultation pursuant to the Endangered Species Act of 1973, 16 USC 1531, et seq.; or

(iv) Upon agreement of the Forest Service, due to administrative appeal or litigation, regardless of whether the Unit Manager's order is required by a court order or this contract is named in such a proceeding.

(b) In the event of an order delaying or interrupting Purchaser's Operations under this Condition & Requirement, Purchaser's remedy shall be:

(i) a no cost contract extension,

(ii) reimbursement for Out-of-Pocket Expenses,

however, the foregoing remedies shall be available only to the extent that the Unit Manager's order was the sole and exclusive cause of the delay or interruption of Purchaser's operations.

(c) Remedies awarded to the Purchaser shall not be duplicative, and the Unit Manager shall have the right to structure remedies provided herein to avoid duplicative compensation.

(d) Purchaser agrees that this Condition & Requirement, and the remedies provided herein shall apply regardless of any finding by any court that the DNR failed to comply with any statute, regulation and/or policy in connection with awarding, advertising, or authorizing this sale, or a similar sale.

### 7.5 - Loss

#### 7.5.2 - GNA, liability for loss (7/16)

If Included Timber is destroyed or damaged by an unexpected event that changes the nature of Included Timber, such as wind, flood, insects, disease, or similar cause, the Purchaser shall bear the timber value loss resulting from such destruction or

damage.

Deterioration or loss of timber value due to delay or interruption under 7.3.4 - GNA, contract suspension and modification, shall be borne by the party holding title. In this event, Included Timber to which USDA Forest Service holds title, Purchaser of the State GNA contract will not be obligated to remove and pay for such timber. This Subsection shall not be construed to relieve either party of liability for negligence.

#### 7.10 - Certified Timber

##### 7.10.1 - Non-certified timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale belong to the National Forest system and are being managed by the State as part of a Good Neighbor Authority (GNA) agreement.

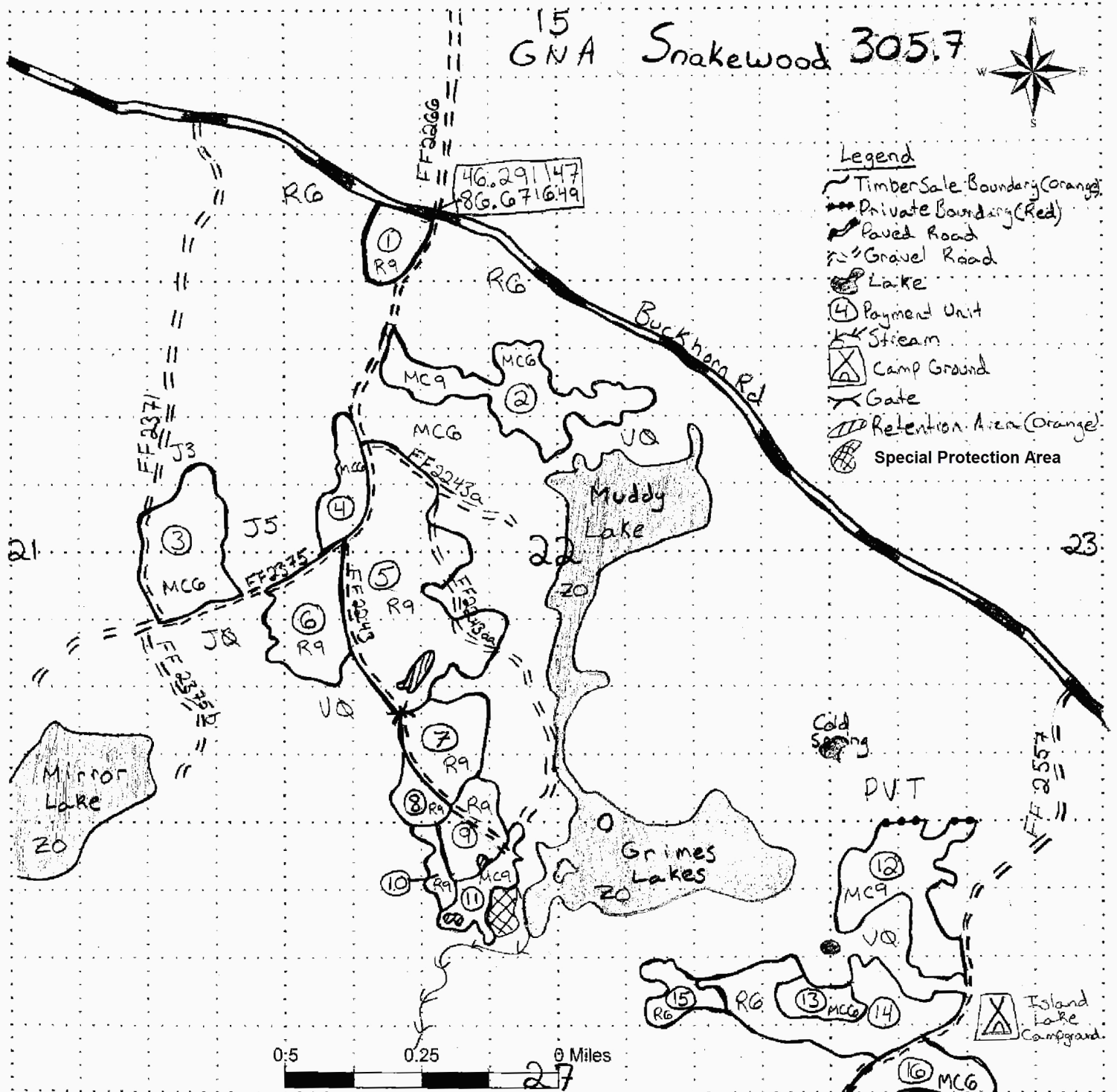


## TIMBER SALE MAP

This information provided by authority of Part 5, 1994 PA 451, as amended.

Sale Number	Year
41-024	16

Forest Management Unit <b>Shingleton</b>		County <b>Alger</b>	Mapped By <b>Kentner</b>	Date <b>9/28/16</b>	Page <b>1</b>	of <b>2</b>
		Cruised By <b>Shingleton Unit</b>				
Township <b>45N</b>	Range <b>19W</b>	Section(s) and Subdivision(s) <b>22: W 1/2, W 1/2 NE 1/4 21: SE NE, NESE 15: S 1/2 SW 1/4 27: NE NW, S 1/2 NE 1/4, SW SE, SESW 34: NW NW, NW NE 26: NW 1/4, N 1/2 SW 1/4</b>				
Cover Type			Density			
A = Aspen B = Paper Birch C = Cedar D = Treed Bog E = Swamp Hardwoods F = Spruce/Fir G = Grass H = Hemlock	J = Jack Pine K = Rock L = Lowland Brush LM = Lowland Mix Forest M = Maple, Beech, Birch MC = Mixed Conifer MD = Mixed Deciduous N = Marsh	O = Oak P = Lowland Poplar Q = Mixed Swamp Conifer R = Red Pine S = Black Spruce T = Tamarack	U = Upland Brush UM = Upland Mix Forest V = Bog or Marsh W = White Pine X = Non Stocked Y = Sand Z = Water	0 = Non Stocked 1 = Seedling Sapling Poor 2 = Seedling Sapling Medium 3 = Seedling Sapling Well 4 = Pole Timber Poor	5 = Pole Timber Medium 6 = Pole Timber Well 7 = Saw Timber Poor 8 = Saw Timber Medium 9 = Saw Timber Well	



PR4030-1c (Rev. 10/30/2012)



## TIMBER SALE MAP

This information provided by authority of Part 5, 1994 PA 451, as amended.

Sale Number  
41-024Year  
16

Forest Management Unit Shingleton		County Alger	Mapped By Kentner	Date 9/28/16	Page 2	of 2																																										
Township 45 N	Range 19 W	Section(s) and Subdivision(s) 22: W 1/2, W 1/2 NE 1/4 21: SE NE, NE SE 15: S 1/2 SW 1/4 27: NENW, S 1/2 NE 1/4, SWSE, SESW 34: NENW, NWNE 26: NW 1/4, N 1/2 SW																																														
Cover Type			Density																																													
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