



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7255**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on June 20, 2023.

LOCATION: NAUBINWAY DNR FIELD OFFICE, PO BOX 287, US 2 W11569, NAUBINWAY, MI 49762.

CONTACT NAME: Karen Rodock

PHONE NUMBER: (906) 477-6048

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, SAULT STE MARIE MANAGEMENT UNIT, for certain timber on the following described lands:

Black Bear Scare (45-103-22) / T43N, R06W, SEC. 20, S1/2NE,N1/2SE.

T43N, R06W, SEC. 21, SWNW,NWSW,SE.

Mackinac County, Advertised Price \$42,160.05, 79.8 Acres, Hardwood, N White Cedar.

SALE NOTE: Harvesting of Payment Unit 1 is optional.

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

Black Bear Scare (45-103-22)

T43N, R06W, SEC. 20; T43N, R06W, SEC. 21.

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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.

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		
Black Cherry	18.9 MBF	\$ 79.00 / MBF
Red Maple	64.0 MBF	\$ 116.00 / MBF
Sugar Maple	41.2 MBF	\$ 230.00 / MBF
Yellow Birch	9.8 MBF	\$ 88.00 / MBF
Pulpwood		
Balsam Fir	59 Cords	\$ 9.95 / Cord
Mixed Hardwood	1,706 Cords	\$ 12.40 / Cord
Mixed Spruce	42 Cords	\$ 9.70 / Cord
N. White Cedar	218 Cords	\$ 2.40 / Cord
White Pine	15 Cords	\$ 15.50 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 10.39 percent. There are an estimated 2,384 cords on this timber sale, plus or minus 248 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 \$4,216.01 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 | 33.2% |
| 02 | 36.0% |
| 03 | 30.8% |
4. If no cutting takes place, the 10% down payment will not be refunded.
 5. Operations on the contract issued will terminate on 06/30/2027.

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		PERCENT ERROR	STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
188,323	2,384	10.39%	2,136	2,632

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
15	98,159	1,243	12.26%	1,090	1,395
30	90,164	1,141	17.62%	940	1,342
TOTAL:	188,323	2,384		2,030	2,737

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
15	35.9	1	35.9
30	43.9	2	23.7
		3	20.2
TOTAL:	79.8		79.8

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	7.0	MBF	35.9	\$13,991.05
	Yellow Birch		9.8	MBF		
	Balsam Fir	Pulpwood	33	Cords		
	Mixed Hardwood		873	Cords		
	Beech		2	Cords		
	Paper Birch		23	Cords		
	Red Maple		770	Cords		
	Yellow Birch		78	Cords		
	Mixed Spruce		42	Cords		
	Black Spruce		20	Cords		
	White Spruce		22	Cords		
	N. White Cedar		218	Cords		
	White Pine		15	Cords		
2	Black Cherry	Sawtimber	10.2	MBF	23.7	\$15,203.90
	Red Maple		30.8	MBF		
	Sugar Maple		22.2	MBF		
	Balsam Fir	Pulpwood	14	Cords		
	Mixed Hardwood		450	Cords		
	Beech		29	Cords		
	Black Cherry		80	Cords		
	Paper Birch		4	Cords		
	Red Maple		234	Cords		
	Sugar Maple		103	Cords		
	3	Black Cherry	Sawtimber	8.7		
Red Maple			26.2	MBF		
Sugar Maple			19.0	MBF		
Balsam Fir		Pulpwood	12	Cords		
Mixed Hardwood			383	Cords		
Beech			24	Cords		
Black Cherry			68	Cords		
Paper Birch			4	Cords		
Red Maple			199	Cords		
Sugar Maple			88	Cords		
TOTAL:			133.9	MBF		
TOTAL:			2,040	Cords		

Sale Specific Conditions & Requirements

Sale Name: Black Bear Scare

Sale Number: 45-103-22 Seq#: 2

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 red and yellow 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, cut all trees that are two (2) inches or more at DBH, except do not cut cedar or yellow birch less than 6 inches at DBH or 24 inches or larger at DBH. In addition, do not cut any hemlock. Due to challenging road access and wet conditions, harvesting of Payment Unit 1 is optional.

2.1.7 - Leave tree marked unit(s) (6/14)

Within Payment Unit(s) 2 & 3, cut all trees that are four (4) inches or more at DBH, except do not cut cedar, hemlock, and trees marked with green paint above and below stump height.

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.

4.1.12 - 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

5.2 - 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, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of December 1 to March 31. This restriction is because access route to unit must be frozen.

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

The access road into Payment Unit 1, 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 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. 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.

5.2.32 - 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)

Caffey Truck Trail and Carp River Truck Trail are snowmobile trails and are 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.

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 (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Dells Mills Rd, Caffey Truck Trail, and if used, Carp River Truck Trail prior to beginning operations. The road must be posted at appropriate distances from the sale area and at appropriate locations on trails used when hauling, 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.

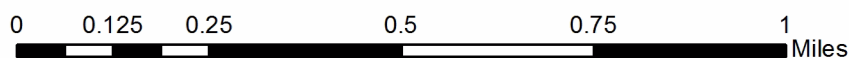
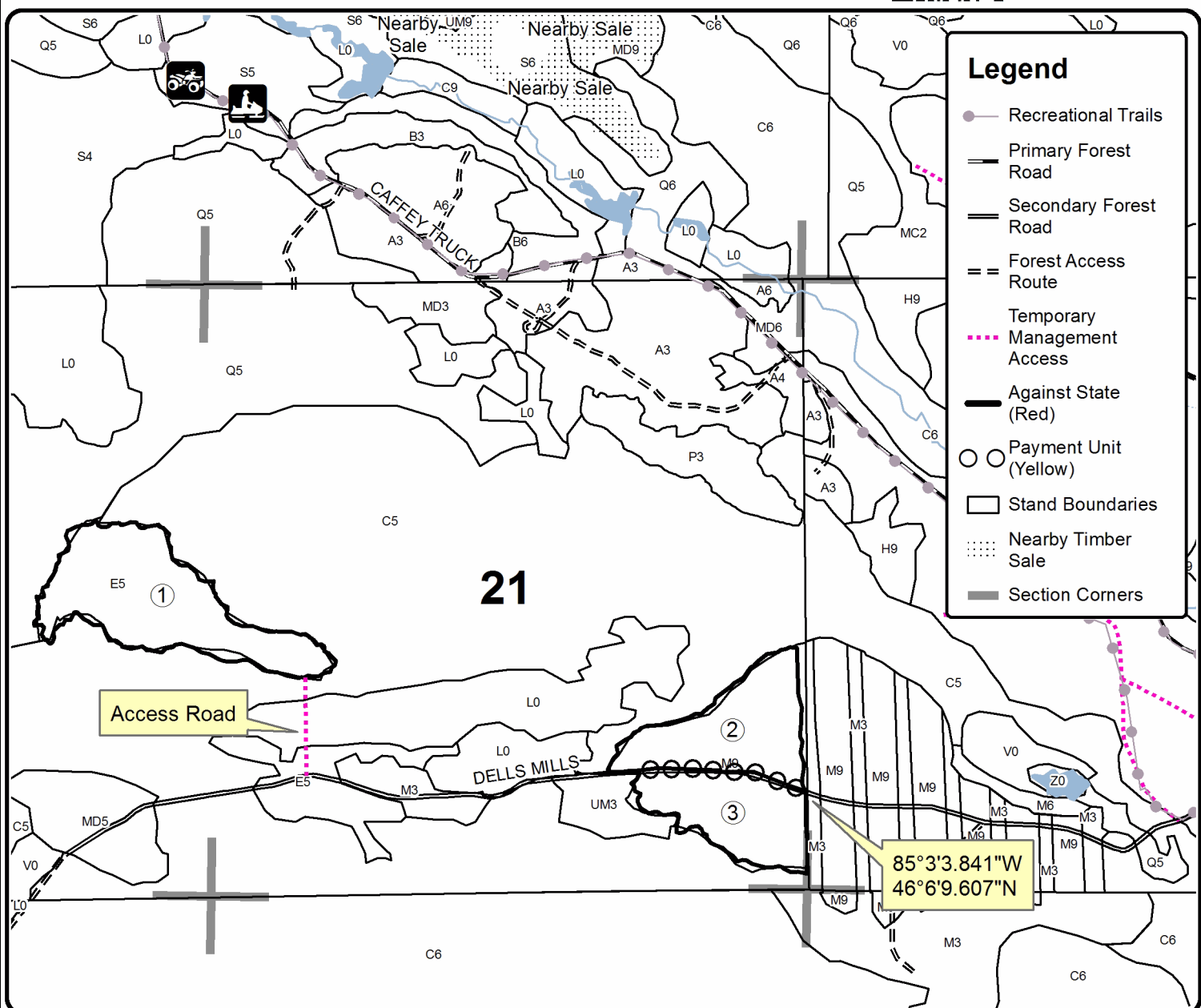
Forest Management Unit Sault Ste. Marie		County Mackinac	Mapped By Plato	Date 08/25/2022	Page 1	of 1
			Cruised By Contractor			
Township 43N	Range 06W	Section(s) and Subdivision(s) Sec 20: S1/2NE,N1/2SE Sec 21: SWNW,NWSW,SE		Scale 1:15,840		

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	<u>Acres</u>
1	35.9
2	23.7
3	20.2

Black Bear Scare

Compartment 114
79.8 Acres



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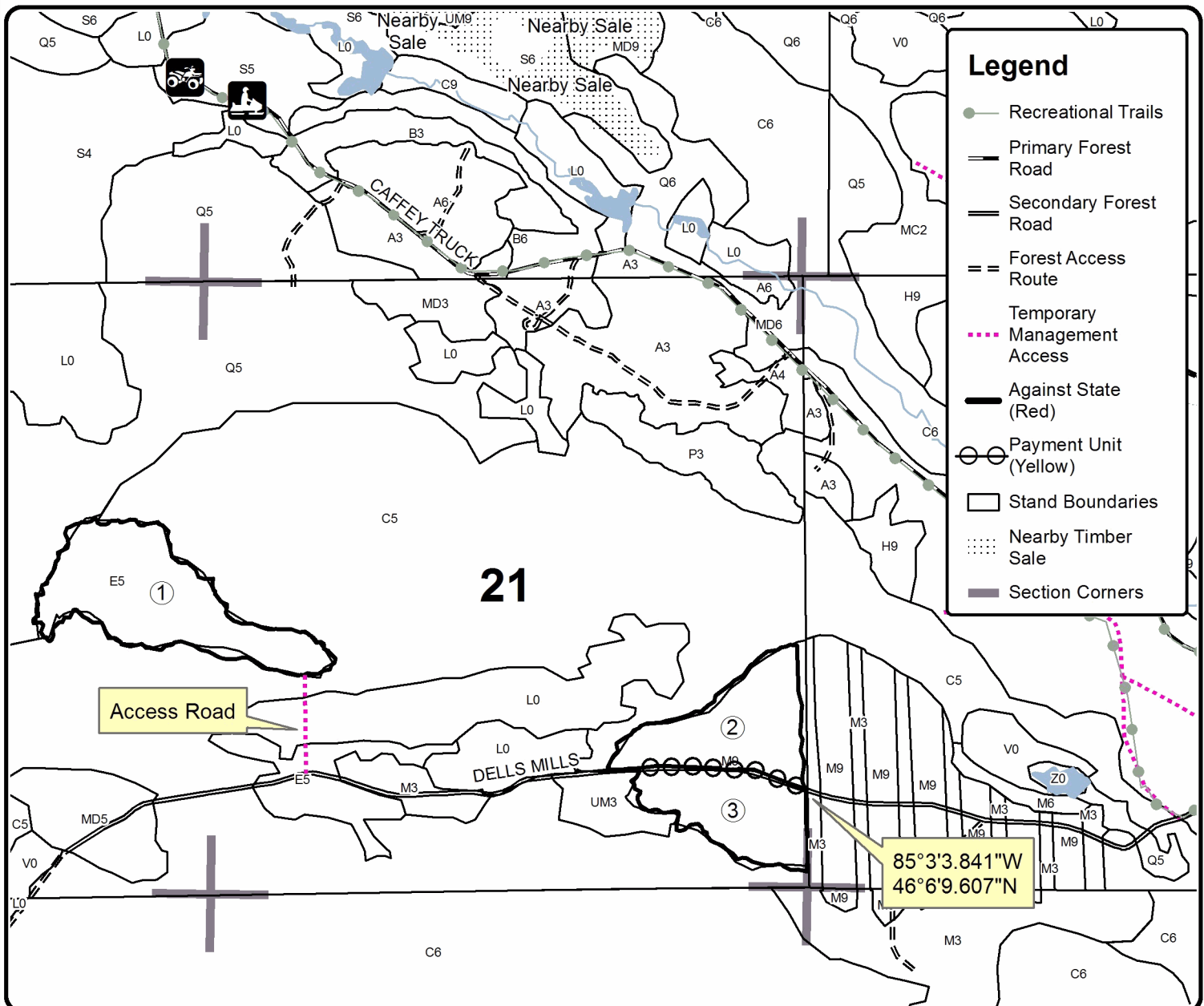
Sale Number	Year
45-103	22

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Compartment 114
79.8 Acres

0 0.125 0.25 0.5 0.75 1 Miles