



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #7035

SCHEDULED SALE DATE AND TIME: 1:00 p.m. (local time) on March 21, 2022.

LOCATION: **GWINN MGMT UNIT, 410 WEST M 35, GWINN, MI 49841.**

CONTACT NAME: Kristen Matson

PHONE NUMBER: (906) 346-9201

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

Run Like Mad Aspen (32-027-21) / T43N, R26W, SEC. 22, SW,W1/2SE.

T43N, R26W, SEC. 23, NWNW.

T43N, R26W, SEC. 25, NWNW.

T43N, R26W, SEC. 26, SWNW,NWSW.

T43N, R26W, SEC. 27, NESE,SWSE.

Marquette County, Advertised Price \$35,048.10, 87.9 Acres, Aspen, Spruce/Fir/Tamarack.

SALE NOTE: This is cruised with the new cruise protocol and may not be what producers are used to.

Access may be through other public land.

TIMBER SALE INFORMATION

Run Like Mad Aspen (32-027-21)

T43N, R26W, SEC. 22; T43N, R26W, SEC. 23; T43N, R26W, SEC. 25; T43N, R26W, SEC. 26; T43N, R26W, SEC. 27.
Marquette County (Advertised Price \$35,048.10)

SALE NOTE: This is cruised with the new cruise protocol and may not be what producers are used to.

Access may be through other public 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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	8.1 MBF	\$ 55.00 / MBF
Paper Birch	3.0 MBF	\$ 52.00 / MBF
Red Maple	3.5 MBF	\$ 93.00 / MBF
Sugar Maple	23.6 MBF	\$ 186.00 / MBF
Yellow Birch	2.5 MBF	\$ 24.00 / MBF
Pulpwood		
Balsam Fir	169 Cords	\$ 10.85 / Cord
Balsam Poplar	171 Cords	\$ 15.75 / Cord
Black Ash	25 Cords	\$ 11.00 / Cord
Black Spruce	45 Cords	\$ 10.80 / Cord
Mixed Hardwood	171 Cords	\$ 11.00 / Cord
Paper Birch	80 Cords	\$ 11.30 / Cord
Quaking Aspen	1,298 Cords	\$ 15.75 / Cord
Tamarack	62 Cords	\$ 9.05 / Cord
White Spruce	55 Cords	\$ 10.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 6.34 percent. There are an estimated 2,073 cords on this timber sale, plus or minus 131 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 \$1,752.41 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	9.0%
02	23.4%
03	24.6%
04	2.3%
05	10.4%
06	3.9%
07	5.8%
08	5.9%
09	14.7%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 08/31/2025.

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
163,775	2,073	6.34%	1,942	2,205

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
1	17,167	217	13.49%	188	247
2	82,361	1,043	9.77%	941	1,144
3	6,454	82	8.25%	75	88
4	17,746	225	25.42%	168	282
5	7,357	93	16.55%	78	109
6	12,180	154	11.50%	136	172
7	27,246	345	18.23%	282	408
TOTAL:	170,512	2,158		1,867	2,449

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
1	6.6	1	6.6
2	39.0	2	19.1
		3	19.9
3	3.9	4	3.9
4	7.9	5	7.9
5	14.3	6	5.8
		8	8.5
6	7.7	7	7.7
7	8.5	9	8.5
TOTAL:	87.9		87.9

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	1.5	MBF	6.6	\$3,161.75
	Balsam Fir	Pulpwood	49	Cords		
	Black Spruce		11	Cords		
	Mixed Hardwood		1	Cords		
	<i>Red Maple</i>		1	<i>Cords</i>		
	Paper Birch		11	Cords		
	Quaking Aspen		142	Cords		
2	Sugar Maple	Sawtimber	4.1	MBF	19.1	\$8,203.30
	Balsam Fir	Pulpwood	31	Cords		
	Balsam Poplar		51	Cords		
	Mixed Hardwood		29	Cords		
	<i>Basswood</i>		6	<i>Cords</i>		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Sugar Maple</i>		21	<i>Cords</i>		
	Paper Birch		3	Cords		
	Quaking Aspen		358	Cords		
	Tamarack		2	Cords		
	White Spruce		27	Cords		
3	Sugar Maple	Sawtimber	4.3	MBF	19.9	\$8,578.95
	Balsam Fir	Pulpwood	32	Cords		
	Balsam Poplar		53	Cords		
	Mixed Hardwood		31	Cords		
	<i>Basswood</i>		7	<i>Cords</i>		
	<i>Ironwood</i>		3	<i>Cords</i>		
	<i>Sugar Maple</i>		21	<i>Cords</i>		
	Paper Birch		4	Cords		
	Quaking Aspen		374	Cords		
	Tamarack		2	Cords		
	White Spruce		28	Cords		
4	Black Ash	Pulpwood	4	Cords	3.9	\$819.55
	Black Spruce		13	Cords		
	Quaking Aspen		7	Cords		
	Tamarack		58	Cords		
5	Basswood	Sawtimber	8.1	MBF	7.9	\$3,644.35
	Sugar Maple		1.3	MBF		
	Yellow Birch		2.5	MBF		
	Balsam Fir	Pulpwood	26	Cords		
	Balsam Poplar		10	Cords		
	Mixed Hardwood		18	Cords		
	<i>Basswood</i>		7	<i>Cords</i>		
	<i>Sugar Maple</i>		8	<i>Cords</i>		
	<i>Yellow Birch</i>		3	<i>Cords</i>		
	Paper Birch		9	Cords		
	Quaking Aspen		137	Cords		
6	Red Maple	Sawtimber	0.8	MBF	5.8	\$1,380.00
	Sugar Maple		5.6	MBF		
	Mixed Hardwood	Pulpwood	24	Cords		
	<i>Sugar Maple</i>		24	<i>Cords</i>		
7	Paper Birch	Sawtimber	3.0	MBF	7.7	\$2,041.65
	Balsam Fir	Pulpwood	8	Cords		
	Balsam Poplar		6	Cords		
	Black Ash		21	Cords		
	Black Spruce		4	Cords		
	Mixed Hardwood		14	Cords		
	<i>Red Maple</i>		14	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	Paper Birch	Pulpwood	53	Cords		
	Quaking Aspen		43	Cords		
8	Red Maple	Sawtimber	1.2	MBF	8.5	\$2,062.40
	Sugar Maple		8.3	MBF		
	Mixed Hardwood	Pulpwood	37	Cords		
	Red Maple		1	Cords		
	Sugar Maple		36	Cords		
9	Balsam Fir	Pulpwood	23	Cords	8.5	\$5,156.15
	Balsam Poplar		51	Cords		
	Black Spruce		17	Cords		
	Mixed Hardwood		17	Cords		
	Red Maple		3	Cords		
	Sugar Maple		14	Cords		
	Quaking Aspen		237	Cords		
	TOTAL:			40.7		
TOTAL:			2,076	Cords		

Sale Specific Conditions & Requirements

Sale Name: Run Like Mad Aspen

Sale Number: 32-027-21 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. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-5, 7 and 9, cut all species trees that are two (2) inches or more at DBH except

Payment Unit(s) 1 and 7, leave hemlock, cedar, and any trees marked in green.

Payment Unit(s) 2 and 3, leave hemlock, cedar, black cherry, and yellow birch.

Payment Unit(s) 4, leave hemlock and cedar.

Payment Unit(s) 5, leave hemlock, cedar and elm.

Payment Unit(s) 9, leave hemlock, cedar and paper birch.

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 6 and 8, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

3 - Payments

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. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within the sale area, if more than 10% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the sale area are damaged, liquidated damages will be assessed at \$200 per acre for all acreage within that specified portion of the sale area that was damaged.

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.

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 scattered, and not left in windrows, and kept a minimum of 10 feet back from the road edge.

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 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. Contact the sale administrator for specific details of design and placement.

4.2 - Maintenance

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 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.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

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.

5.2.2 - 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) 2-9, unless changed by written agreement, cutting, skidding, and hauling are limited to 12/1 to 3/31. This restriction is because of deer yard and wet access.

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.

5.8 - 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 mead cut across 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	Year
32-027	21

Forest Management Unit		County	Mapped By	Date	Page	of
Gwinn		Marquette	Pete Holodnick	09/08/2021	1	2
Township	Range	Section(s) and Subdivision(s)		Scale		
43N	26W	Sections 22, 23, 25, 26, and 27		1:15,840		

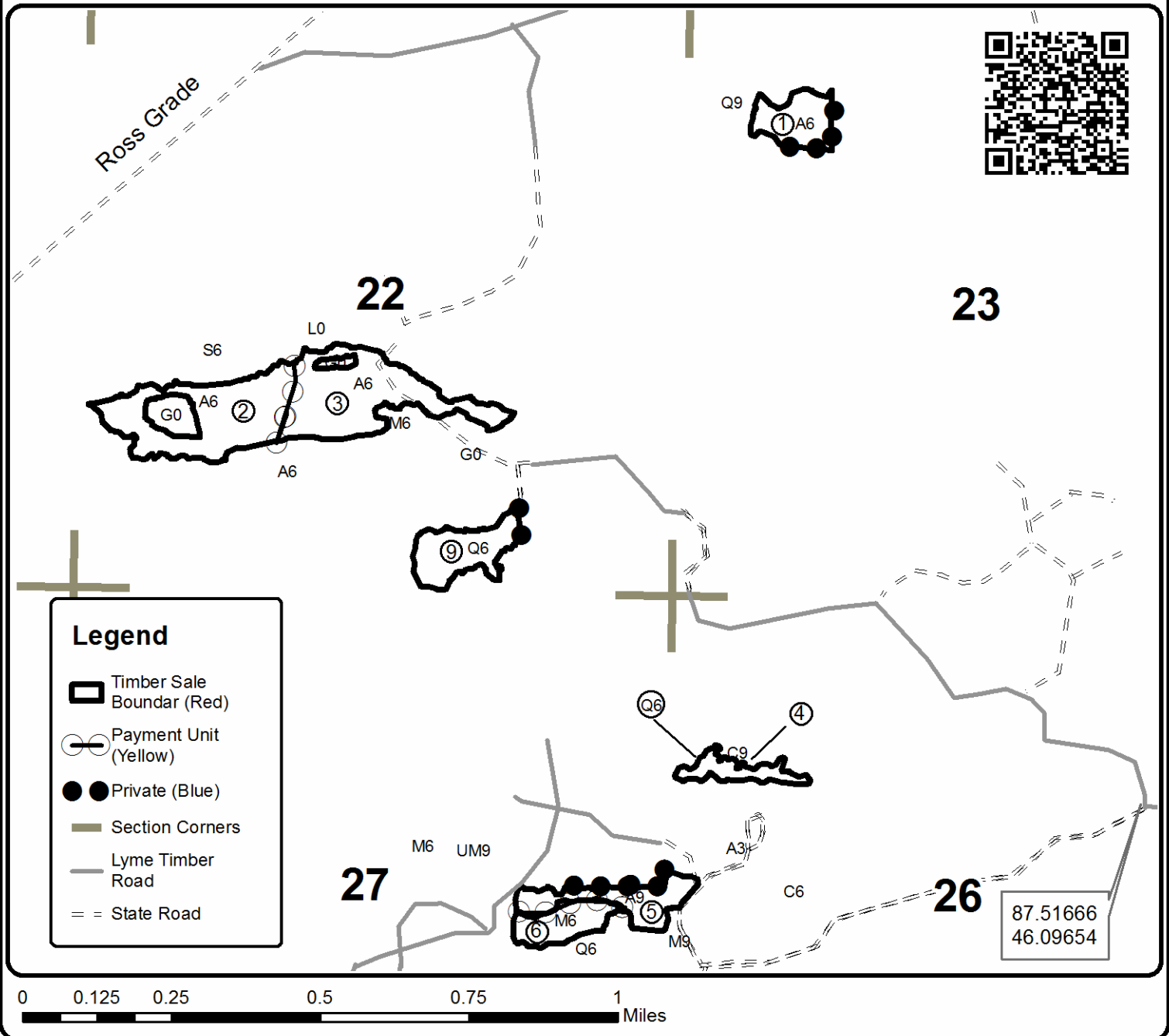
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	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	PU	Acres
1)	6.6	4)	3.9	7)	7.7
2)	19.1	5)	7.9	8)	8.5
3)	19.9	6)	5.8	9)	8.5

Run Like Mad Aspen

Compartment 64

87.9 Acres



**TIMBER SALE MAP***This information provided by authority of Part 525, 1994 PA 451, as amended.*

Sale Number	Year
32-027	21

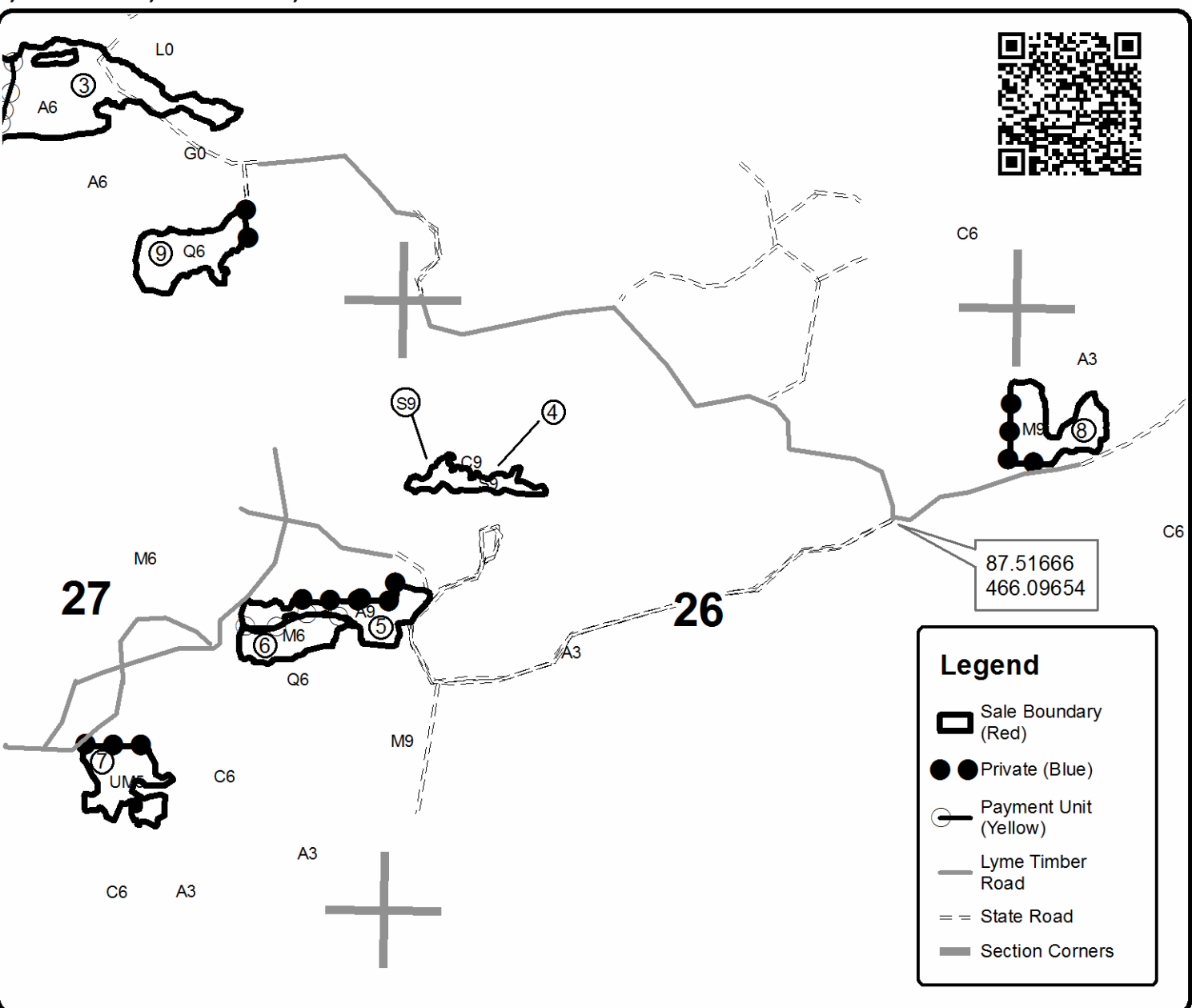
Forest Management Unit	County	Mapped By	Date	Page	of
Gwinn	Marquette	Pete Holodnick	09/09/2021	2	2
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3)	19.9	6)	5.8	9)	8.5

Run Like Mad Aspen

Compartment 64
87.9 Acres



0 0.125 0.25 0.5 0.75 1 Miles