



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6639

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on February 20, 2020.**

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:

Partridge SBW (11-005-18) / T48N, R32W, SEC. 21, SENE, E1/2SE.

T48N, R32W, SEC. 22, SWNW, SW, NWSE, S1/2SE.

T48N, R32W, SEC. 27, NW, N1/2NE, N1/2SW, SESW, NWSE.

T48N, R32W, SEC. 27, S1/2SE.

T48N, R32W, SEC. 28, E1/2NE, NESE.

T48N, R32W, SEC. 34, NENE.

Baraga County, Advertised Price \$36,442.25, 394.5 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Access may be through private land.

TIMBER SALE INFORMATION

Partridge SBW (11-005-18)

T48N, R32W, SEC. 21; T48N, R32W, SEC. 22; T48N, R32W, SEC. 27; T48N, R32W, SEC. 28; T48N, R32W, SEC. 34.

Baraga County (Advertised Price \$36,442.25)

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

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>
Sawtimber			
Black Cherry	9.70	MBF	\$ 68.00 / MBF
Paper Birch	7.40	MBF	\$ 22.00 / MBF
Red Maple	9.10	MBF	\$ 85.00 / MBF
Sugar Maple	40.30	MBF	\$ 143.00 / MBF
White Spruce	8.20	MBF	\$ 28.00 / MBF
Yellow Birch	1.70	MBF	\$ 76.00 / MBF
Pulpwood			
Balsam Fir	715.00	Cords	\$ 4.15 / Cord
Jack Pine	4.00	Cords	\$ 20.35 / Cord
Mixed Aspen	125.00	Cords	\$ 9.35 / Cord
Mixed Hardwood	1,577.00	Cords	\$ 5.55 / Cord
Mixed Spruce	1,312.00	Cords	\$ 8.55 / Cord
Paper Birch	340.00	Cords	\$ 9.10 / Cord
Tamarack	566.00	Cords	\$ 2.55 / Cord

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$3,500.00 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 06/30/2024.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	4.9	MBF	44.0	\$4,779.20
	Red Maple		2.5	MBF		
	Sugar Maple		13.3	MBF		
	Balsam Fir	Pulpwood	63.0	Cords		
	Mixed Hardwood		373.0	Cords		
2	Black Cherry	Sawtimber	3.1	MBF	51.2	\$6,150.15
	Red Maple		4.9	MBF		
	Sugar Maple		22.9	MBF		
	White Spruce		8.2	MBF		
	Mixed Hardwood	Pulpwood	356.0	Cords		
	Mixed Spruce		5.0	Cords		
3	Yellow Birch	Sawtimber	1.7	MBF	8.8	\$667.55
	Mixed Hardwood	Pulpwood	97.0	Cords		
4	Black Cherry	Sawtimber	1.7	MBF	10.1	\$1,118.35
	Red Maple		1.7	MBF		
	Sugar Maple		4.1	MBF		
	Mixed Hardwood	Pulpwood	49.0	Cords		
5	Paper Birch	Sawtimber	0.6	MBF	28.7	\$2,342.25
	Balsam Fir	Pulpwood	40.0	Cords		
	Mixed Hardwood		118.0	Cords		
	Mixed Spruce		162.0	Cords		
	Paper Birch		11.0	Cords		
	Tamarack		9.0	Cords		
6	Paper Birch	Sawtimber	3.8	MBF	38.8	\$4,975.50
	Balsam Fir	Pulpwood	32.0	Cords		
	Mixed Hardwood		138.0	Cords		
	Mixed Spruce		354.0	Cords		
	Paper Birch		95.0	Cords		
	Tamarack		40.0	Cords		
7	Paper Birch	Sawtimber	0.7	MBF	26.6	\$1,614.00
	Balsam Fir	Pulpwood	33.0	Cords		
	Mixed Hardwood		86.0	Cords		
	Mixed Spruce		70.0	Cords		
	Paper Birch		41.0	Cords		
	Tamarack		5.0	Cords		
8	Balsam Fir	Pulpwood	33.0	Cords	19.1	\$1,165.55
	Mixed Hardwood		92.0	Cords		
	Mixed Spruce		41.0	Cords		
	Paper Birch		17.0	Cords		
	Tamarack		5.0	Cords		
9	Balsam Fir	Pulpwood	49.0	Cords	21.1	\$1,542.65
	Mixed Aspen		27.0	Cords		
	Mixed Hardwood		74.0	Cords		
	Mixed Spruce		50.0	Cords		
	Paper Birch		22.0	Cords		
	Tamarack		19.0	Cords		
10	Paper Birch	Sawtimber	2.3	MBF	34.5	\$3,543.50
	Balsam Fir	Pulpwood	85.0	Cords		
	Mixed Aspen		15.0	Cords		
	Mixed Hardwood		42.0	Cords		
	Mixed Spruce		241.0	Cords		
	Paper Birch		65.0	Cords		
	Tamarack		45.0	Cords		
11	Balsam Fir	Pulpwood	229.0	Cords	52.8	\$5,205.20

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
11 con't	Jack Pine	Pulpwood	4.0	Cords		
	Mixed Aspen		37.0	Cords		
	Mixed Hardwood		109.0	Cords		
	Mixed Spruce		276.0	Cords		
	Paper Birch		34.0	Cords		
	Tamarack		217.0	Cords		
12	Balsam Fir	Pulpwood	151.0	Cords	58.8	\$3,338.35
	Mixed Aspen		46.0	Cords		
	Mixed Hardwood		43.0	Cords		
	Mixed Spruce		113.0	Cords		
	Paper Birch		55.0	Cords		
	Tamarack		226.0	Cords		
TOTAL:			76.4	MBF		
TOTAL:			4,639.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Partridge SBW

Sale Number: 11-005-18 Seq#: 3

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 red 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 otherwise directed by the sale administrator.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 5 - 12, cut all trees that are two (2) inches or more at DBH, except hemlock, black cherry, white pine, cedar, red pine, and red oak, if present. In addition, within Payment Units 10 and 12, do not cut any paper birch less than 8 inches at DBH.

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

Within Payment Unit(s) 1 - 4, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

2.2.1 - Utilization (2/04)

All listed board foot volumes of sawlog size products in this contract have been determined using a top diameter inside bark of 8 inches.

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 (5/14)

All products meeting standards set forth in General Condition and Requirement 2.2 - Utilization must be removed from the sale area. Chips are considered a product and cannot be stockpiled on site. This is because chip piles inhibit regeneration.

3 - Payments

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. No damage is acceptable to merchantable trees. Within the sale area, if more than 10% 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

4.1.1 - 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 for crossings on State Forest Land. Please notify the DNR 90 days prior to working on any crossings that will require a DEQ permit.

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.

4.1.5 - 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, for crossings on state land, will be obtained by the DNR. Please notify the DNR 90 days prior to working on any crossings that will require a DEQ permit.

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, and may be chipped, utilized or otherwise removed from the sale. 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

4.2.2 - 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. The sale administrator reserves the right to halt harvest activities if haul roads are not properly filled and shaped to his/her specifications.

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.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR.

5 - Operations

5.1 - Notification

5.1.6 - Utility R.O.W. (4/19)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the gas pipeline R.O.W. for operations. Contact Daniel Gorman with Northern Natural Gas at (651) 497-5805.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (5/07)

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) 5 - 9, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of January 1 to March 15. This restriction is because of the wet soil types.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1 - 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.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 10, 11, and 12, cutting, skidding, and hauling occur during frozen winter conditions. The reason for the recommendation is because of wet soil types.

5.2.30 - Landing/road top soil protection (2/15)

Top soil on 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 the instructions of the sale administrator by June 30 following harvest completion to allow for re-vegetation before the dry season.

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 wind rowed 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.

7 - Other Conditions

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.

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

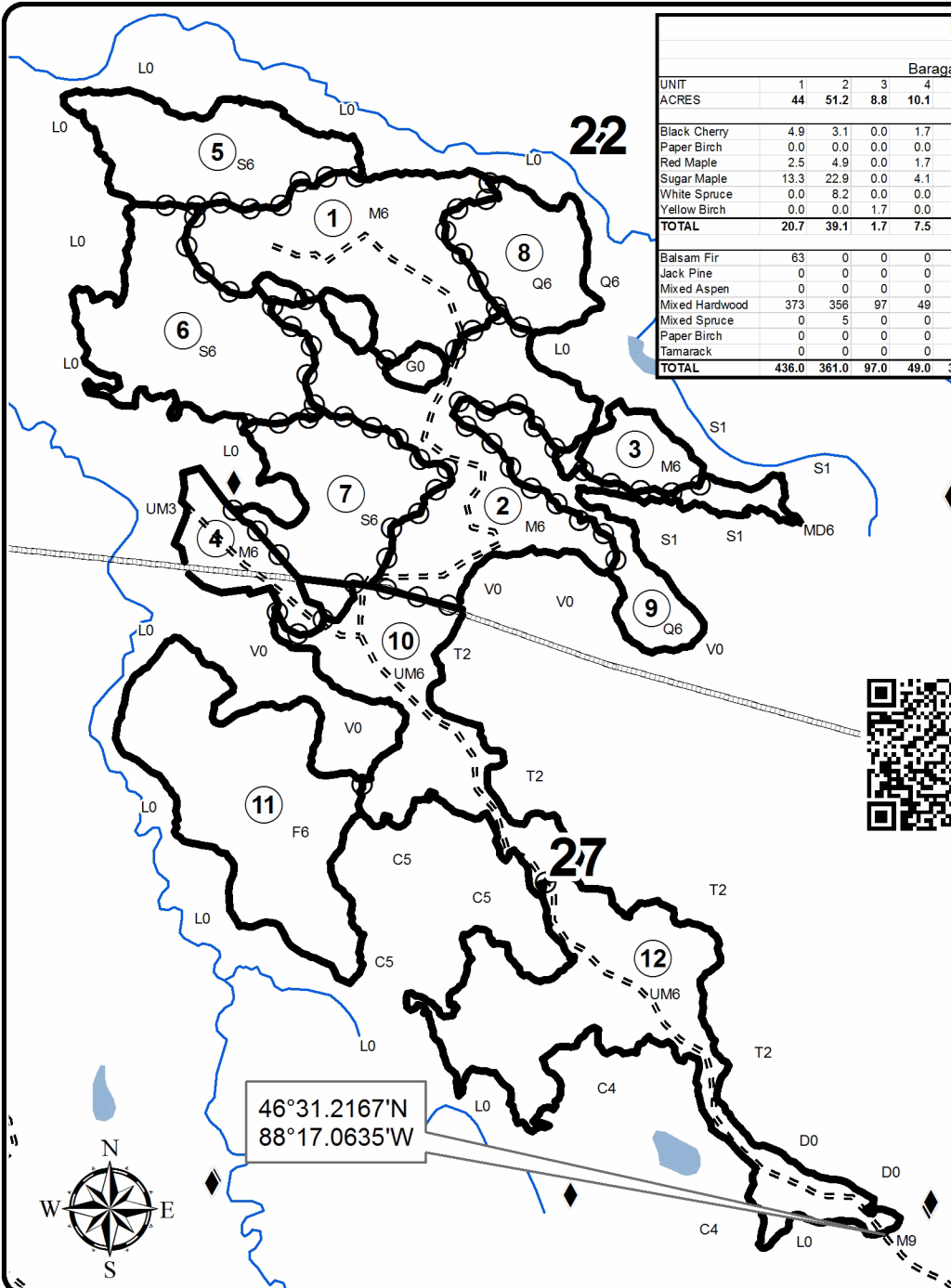
Forest Management Unit Baraga		County Baraga	Mapped By Ryan Mattila	Date 5/22/2018	Page 1	of 1
Township 48N	Range 32W	Section(s) and Subdivision(s) Sec 28; E1/2NE. Sec 21; E1/2SE, SENE. Sec 34; NENE. Sec 22; SWNW, S1/2SE, SW1/4. Sec 27; W1/2, N1/2NE, SE1/4.		Cruised By Baraga Staff	Scale 1:15,840	

Cover Type

A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

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

**Partridge SBW**394.5 Acres
Baraga County, Compartment 20

UNIT	1	2	3	4	5	6	7	8	9	10	11	12	TOTALS
ACRES	44	51.2	8.8	10.1	28.7	38.8	26.6	19.1	21.1	34.5	52.8	58.8	394.5
Sawlogs MBF													
Black Cherry	4.9	3.1	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7
Paper Birch	0.0	0.0	0.0	0.0	0.6	3.8	0.7	0.0	0.0	2.3	0.0	0.0	7.4
Red Maple	2.5	4.9	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1
Sugar Maple	13.3	22.9	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.3
White Spruce	0.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2
Yellow Birch	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
TOTAL	20.7	39.1	1.7	7.5	0.6	3.8	0.7	0.0	0.0	2.3	0.0	0.0	76.4
Pulpwood Cords													
Balsam Fir	63	0	0	0	40	32	33	33	49	85	229	151	715
Jack Pine	0	0	0	0	0	0	0	0	0	0	4	0	4
Mixed Aspen	0	0	0	0	0	0	0	0	27	15	37	46	125
Mixed Hardwood	373	356	97	49	118	138	86	92	74	42	109	43	1577
Mixed Spruce	0	5	0	0	162	354	70	41	50	241	276	113	1312
Paper Birch	0	0	0	0	11	95	41	17	22	65	34	55	340
Tamarack	0	0	0	0	9	40	5	5	19	45	217	226	566
TOTAL	436.0	361.0	97.0	49.0	340.0	659.0	235.0	188.0	241.0	493.0	634.0	906.0	4639.0

Legend

- Against State (Red)
- ⊖ Payment Unit (Red)
- Payment Unit Label
- = = Poor Dirt Roads
- Lakes and Rivers All
- River
- ◆ Survey Corners
- ▬ Pipeline

**Locator Map**

1:250,000

