



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6870

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on September 14, 2021.

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:

Calf Eater Aspen (54-033-20) / T36N, R02E, SEC. 25, NW,NWSW,S1/2SW,SWSE.

T36N, R02E, SEC. 35, SENE,SE.

T36N, R02E, SEC. 36, NENW,SWNW,NWNE,SWSW.

Presque Isle County, Advertised Price \$102,775.85, 177.3 Acres, Aspen, Hardwood.

TIMBER SALE INFORMATION

Calf Eater Aspen (54-033-20)

T36N, R02E, SEC. 25; T36N, R02E, SEC. 35; T36N, R02E, SEC. 36.
Presque Isle County (Advertised Price \$102,775.85)

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 T-Sale computer program and our traditional volume equations. 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		
Quaking Aspen	27.1 MBF	\$ 116.00 / MBF
Red Maple	15.0 MBF	\$ 68.00 / MBF
White Pine	1.9 MBF	\$ 38.00 / MBF
Pulpwood		
Balsam Fir	512 Cords	\$ 17.15 / Cord
Basswood	10 Cords	\$ 6.25 / Cord
Mixed Aspen	1,798 Cords	\$ 29.15 / Cord
Mixed Hardwood	1,355 Cords	\$ 25.70 / Cord
Paper Birch	260 Cords	\$ 7.35 / Cord
White Pine	3 Cords	\$ 11.25 / Cord
White Spruce	76 Cords	\$ 6.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 8.39 percent. There are an estimated 4,104 cords on this timber sale, plus or minus 344 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:

- A bond in the amount of \$5,138.79 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- Cutting in any sale or unit without the required advance payment would be considered a trespass.
- Total payment must be paid in advance or according to the following schedule :
 - Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - The 10% down payment will be credited towards the first unit cut.
 - 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	25.3%
02	16.5%
03	11.6%
04	6.9%
05	12.6%
06	5.5%
07	18.0%
08	3.6%

- If no cutting takes place, the 10% down payment will not be refunded.
- Operations on the contract issued will terminate on 09/30/2024.

SALE STATISTICS

SALE VOLUMES

<u>VOLUME</u>		<u>STATISTICAL RANGE IN CORDS</u>		
<u>TOTAL CUBIC FEET</u>	<u>TOTAL CORDS</u>	<u>PERCENT ERROR</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>
324,202	4,104	8.39%	3,760	4,448

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
9	55,442	702	20.45%	558	845
30	63,943	809	18.24%	662	957
54	17,056	216	30.86%	149	283
64	21,101	267	37.40%	167	367
70	37,896	480	24.62%	362	598
91	41,222	522	24.82%	392	651
117	17,830	226	31.43%	155	297
128	10,997	139	53.68%	64	214
145	58,721	743	17.49%	613	873
TOTAL:	324,208	4,104		3,123	5,085

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
9	29.0	1	22.0
		2	7.0
30	28.8	1	9.1
		2	19.7
54	11.1	1	11.1
64	11.3	4	11.3
70	21.5	3	21.5
91	23.8	5	23.8
117	11.3	6	11.3
128	6.1	8	6.1
145	34.4	7	34.4
TOTAL:	177.3		177.3

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	108	Cords	42.2	\$25,890.25
	Basswood		3	Cords		
	Mixed Aspen		645	Cords		
	<i>B. T. Aspen</i>		645	Cords		
	Mixed Hardwood		185	Cords		
	<i>Beech</i>		7	Cords		
	<i>Red Maple</i>		170	Cords		
	<i>Sugar Maple</i>		8	Cords		
	Paper Birch		63	Cords		
	<i>Paper Birch</i>		63	Cords		
2	Balsam Fir	Pulpwood	73	Cords	26.7	\$16,998.20
	Basswood		7	Cords		
	Mixed Aspen		336	Cords		
	<i>B. T. Aspen</i>		336	Cords		
	Mixed Hardwood		199	Cords		
	<i>Beech</i>		16	Cords		
	<i>Red Maple</i>		165	Cords		
	<i>Sugar Maple</i>		18	Cords		
	Paper Birch		108	Cords		
	<i>Paper Birch</i>		108	Cords		
3	Quaking Aspen	Sawtimber	8.1	MBF	21.5	\$11,934.90
	Red Maple		3.9	MBF		
	Balsam Fir	Pulpwood	43	Cords		
	Mixed Aspen		229	Cords		
	<i>Quaking Aspen</i>		229	Cords		
	Mixed Hardwood		108	Cords		
	<i>Beech</i>		4	Cords		
	<i>Red Maple</i>		104	Cords		
	Paper Birch		70	Cords		
	<i>Paper Birch</i>		70	Cords		
	White Spruce		4	Cords		
	<i>White Spruce</i>	Sawtimber	1.4	MBF		
	<i>White Spruce</i>	Pulpwood	1	Cords		
4	Quaking Aspen	Sawtimber	1.5	MBF	11.3	\$7,075.30
	Red Maple		2.9	MBF		
	Balsam Fir	Pulpwood	35	Cords		
	Mixed Aspen		119	Cords		
	<i>Quaking Aspen</i>		119	Cords		
	Mixed Hardwood		102	Cords		
	<i>Red Maple</i>		102	Cords		
	White Spruce		2	Cords		
	<i>White Spruce</i>		2	Cords		
5	Quaking Aspen	Sawtimber	17.5	MBF	23.8	\$12,971.80
	Red Maple		8.2	MBF		
	White Pine		1.9	MBF		
	Balsam Fir	Pulpwood	79	Cords		
	Mixed Aspen		152	Cords		
	<i>Balsam Poplar</i>		13	Cords		
	<i>Quaking Aspen</i>		139	Cords		
	Mixed Hardwood		154	Cords		
	<i>Red Maple</i>		145	Cords		
	<i>Sugar Maple</i>		9	Cords		
	Paper Birch		8	Cords		
	<i>Paper Birch</i>	Sawtimber	0.8	MBF		
	<i>Paper Birch</i>	Pulpwood	6	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	White Pine	Pulpwood	3	Cords		
	White Spruce		70	Cords		
	White Spruce	Sawtimber	3.6	MBF		
	White Spruce	Pulpwood	63	Cords		
6	Balsam Fir	Pulpwood	44	Cords	11.3	\$5,691.05
	Mixed Aspen		107	Cords		
	B. T. Aspen		107	Cords		
	Mixed Hardwood		69	Cords		
	Red Maple		69	Cords		
	Paper Birch		6	Cords		
	Paper Birch		6	Cords		
7	Balsam Fir	Pulpwood	127	Cords	34.4	\$18,495.20
	Mixed Aspen		160	Cords		
	B. T. Aspen		160	Cords		
	Mixed Hardwood		452	Cords		
	Red Maple		452	Cords		
	Paper Birch		5	Cords		
	Paper Birch		5	Cords		
8	Balsam Fir	Pulpwood	3	Cords	6.1	\$3,719.15
	Mixed Aspen		50	Cords		
	Quaking Aspen		50	Cords		
	Mixed Hardwood		86	Cords		
	Red Maple		86	Cords		
TOTAL:			44.0	MBF		
TOTAL:			4,014	Cords		

Sale Specific Conditions & Requirements

Sale Name: Calf Eater Aspen

Sale Number: 54-033-20 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 blue, red, and orange 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 orange 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. Orange 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 - 8, cut all trees that are two (2) inches or more at DBH, except cedar, hemlock, and red pine. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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.

4.1.6 - 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 within 30 days of completion of hauling. 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. 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.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning, and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

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

5.1 - Notification

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.

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

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for operations. Contact Michigan Electric Transmission Company at 989-671-0616.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in the maintained wildlife opening which is indicated by G0 on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

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

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant aspen 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

5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1 - 8, leave one, 12" diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres. These will be evenly scattered throughout the Payment Unit. This can be an unmerchantable piece or a full tree.

5.2.17 - Timber Mats and Interlocking Composite Mats (3/18)

Some roads or skid trails 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. 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 \$400.00 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.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 3 - 8, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of the wet nature of the area.

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.

5.2.41 - Snowmobile trail protection (9/11)

The trail 99 is a snowmobile trail and is 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. The snowmobile trail may only be crossed at right angles. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

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

6.2.2 - Snowmobile trail posting (8/09)

The Purchaser is responsible for posting and maintaining caution signs on snowmobile trail 99 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail 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
54-033	20

Forest Management Unit Atlanta	County Presque Isle	Mapped By Ryan Zimmerman	Date 10/2/2020	Page 1	of 2
Township 36N	Range 02E	Section(s) and Subdivision(s) Sec 25: NW, NWSW, S1/2SW, SWSE Sec 35: SENE, SE Sec 36: NENW, SWNW, NWNE, W1/2SW	Scale 1:15,840		

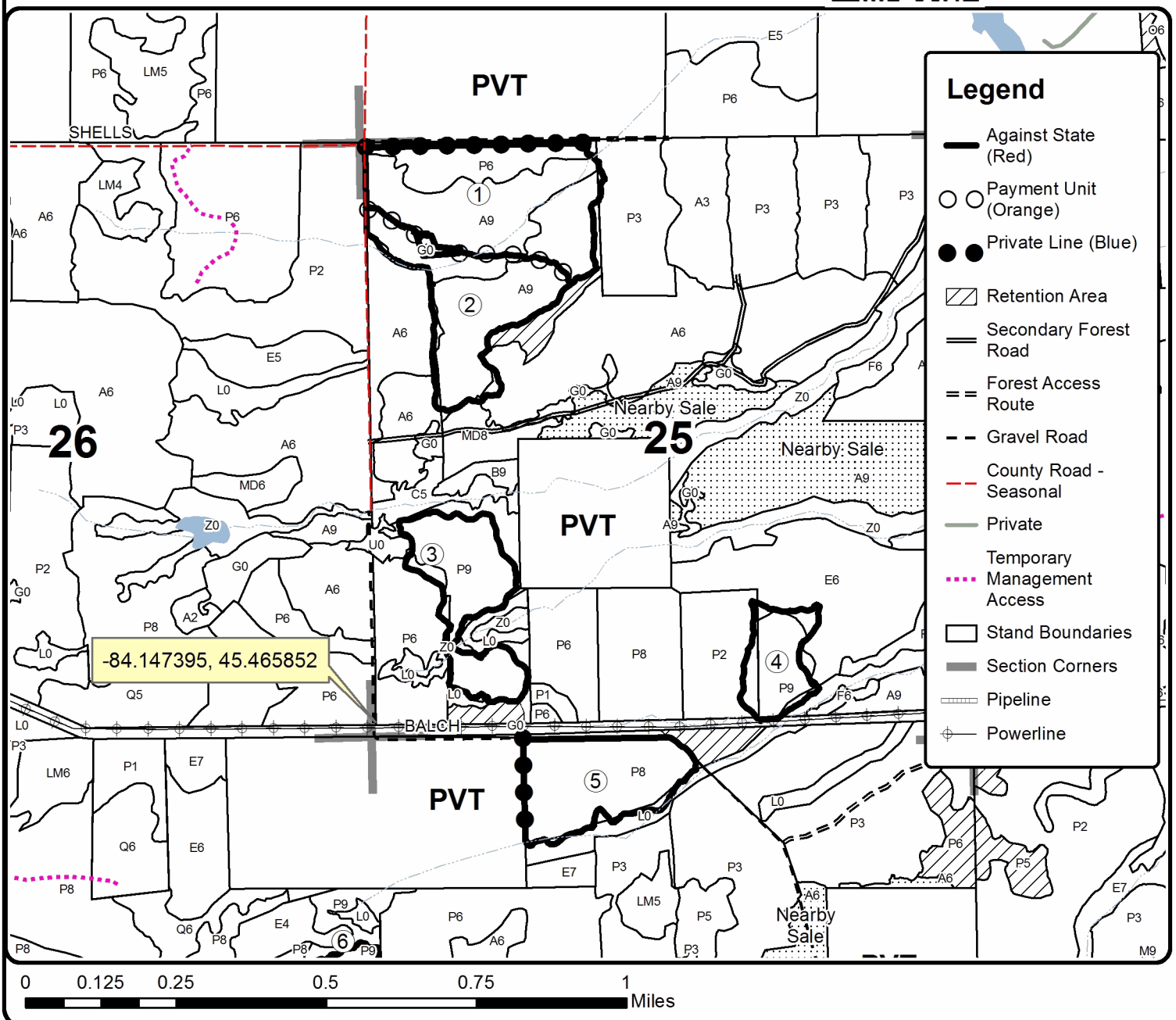
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	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	42.2	6	11.3
2	26.7	7	34.4
3	21.5	8	6.1
4	11.3		
5	23.8		

Calf Eater Aspen

Compartment 160

177.3 Acres



TIMBER SALE MAP

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Forest Management Unit Atlanta		County Presque Isle	Mapped By Ryan Zimmerman	Date 10/2/2020	Page 2	of 2
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