

PENNSYLVANIA GAME COMMISSION  
2001 ELMERTON AVENUE  
HARRISBURG, PA 17110-9797  
ATTN: FORESTRY DIVISION, BUREAU OF WILDLIFE HABITAT MANAGEMENT

Gentlemen:

In answer to a recent advertisement for lump sum bids on an estimated 884,506 board feet of sawlogs and 2,406 tons of pulpwood located on 246 acres of State Game Lands No. 296, South Huntingdon Township, Westmoreland County, I offer the following:

\$ \_\_\_\_\_  
**(BID QUOTATION MUST BE TYPEWRITTEN OR IN INK)**

Full payment will be made when agreements are signed or payment in full for each individual cutting block before cutting operations are started on that block. Payment for Block 3 (10% of the bid price) is due at contract execution.

It is further understood that an acceptable bond of **\$20,000.00** will be provided to guarantee faithful performance of the agreement.

Removal of timber to be subject to the terms, conditions and stipulations included in the Timber Sale Agreement. It is understood that the contract will run until **June 30, 2021**.

ATTACHED IS **CERTIFIED, CASHIER'S OR TREASURER'S CHECK OR MONEY ORDER, (PERSONAL, COMPANY, CORPORATE CHECK OR CASH ARE NOT ACCEPTED)**, IN THE AMOUNT OF **\$1,000.00** as evidence of good faith in bidding. I understand that it will be forfeited as fully liquidated damages upon my failure within 45 days after presentation to accept and execute the contract and provide a bond as required.

IN CASE OF PARTNERSHIP, EACH PARTNER SIGNS: IF A CORPORATION, THE AUTHORIZED OFFICER MUST SIGN, GIVING HIS/HER TITLE AND NAME OF CORPORATION.

Sincerely yours,

\_\_\_\_\_  
**(Tax No. or Social Security No.)**

\_\_\_\_\_  
**Signature of Bidder - Sign In Ink**

\_\_\_\_\_  
**(Telephone Number)**

\_\_\_\_\_  
**Print Name**

\_\_\_\_\_  
**Firm Name**

\_\_\_\_\_  
**Street Address (Name, Number, Etc.)**

\_\_\_\_\_  
**City State Zip**

BIDS MUST BE SUBMITTED IN AN ENVELOPE THAT CLEARLY STATES ON THE OUTSIDE: **BID PROPOSAL FOR TIMBER SGL #296**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday December 12, 2016**. The Commission reserves the right to reject any and all bids and to award the contract as deemed to its best interests.

STATE GAME LANDS #: 296  
SALE #: 296-16-01  
NAME: Mt. Etna

**- INSTRUCTIONS TO BIDDERS -**

The following information covers details concerning the proposed lump sum sale of an estimated 884,506 board feet of sawlogs and 2,406 tons of pulpwood to be cut from 246 acres of State Game Lands No. 296, South Huntingdon Township, Westmoreland County.

See attached sheets for additional volume information. The volume and percentages are not guaranteed and each prospective bidder is urged to examine the sale area and bid on the basis of his own estimate.

**- SHOW DATE -**

Timber will be shown to prospective bidders on **November 17, 2016**. Viewers will be met at the **SGL parking area along Mt. Etna Road, South Huntingdon Township, Westmoreland County, PA; GPS coordinates N40.1255 W79.7089 at 10:00 a.m.**, and conducted to the sale area.

The timber to be sold will be clearly designated by **Andrew Hetrick, 4820 Route 711, Bolivar, PA 15923**, telephone: 1-724-238-9524, the Regional Forester.

**- BIDS -**

**BIDS SHOULD BE MAILED AT LEAST FOUR (4) WORKING DAYS PRIOR TO BID OPENING TO PERMIT U.S. POSTAL SERVICE DELIVERY. USE SPECIAL MAIL SERVICE IF MAILED LATER THAN FOUR DAYS PRIOR TO BID OPENING. SPECIAL DELIVERY BIDS SHOULD BE ADDRESSED TO: PENNSYLVANIA GAME COMMISSION, FORESTRY DIVISION, 2001 ELMERTON AVENUE, HARRISBURG, PA 17110-9797.**

Bids must be submitted in an envelope that clearly states on the outside: **BID PROPOSAL FOR TIMBER. SGL #296**. Bids received in envelopes not containing this information will be rejected.

In order to be considered, the bid shall be accompanied by a **CERTIFIED, CASHIER'S OR TREASURER'S CHECK, OR A BANK, POSTAL OR EXPRESS MONEY ORDER**, payable to the Pennsylvania Game Commission in the amount of **\$1,000.00**, as evidence of good faith in bidding, to be forfeited as fully liquidated damages upon the bidders failure to accept the award, execute the contract and give bond as required. Bid deposits will be returned to the unsuccessful bidder when the contract has been executed and a satisfactory performance deposit has been furnished.

In lieu of bid deposit, bidders may submit an open bid bond to cover the deposit requirement. Any bid bond must be filed for an annual period and both the amount of bond and the surety shall receive prior approval of the Pennsylvania Game Commission.

The Commission reserves the right to reject any and all bids and to award the contract as deemed to its best interests.

Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, Pennsylvania 17110-9797, at **2:00 P.M., Monday, December 12, 2016**, telephone: 717/787-2039. **BIDS RECEIVED LATER THAN 2:00 P.M., THIS DATE, WILL BE REJECTED.**

**- PERFORMANCE DEPOSIT -**

A performance bond in the amount of **\$20,000.00** will be required in the form of a Certified Check or a Postal Money Order drawn to the order of the Pennsylvania Game Commission. Negotiable securities, including assignment of a bank savings account may be furnished in lieu of above. A bond with corporate surety approved by the Attorney General, or a bank Irrevocable Letter of Credit, may be posted provided the bond has an expiration date a minimum of 1 year beyond the expiration date of the timber contract.

**- EXPIRATION OF CONTRACT -**

Contract will expire **June 30, 2021**.

**- PAYMENTS -**

The sale is divided into 9 cutting blocks. Payment may be made by:

1. Total payment when agreement is signed.  
or
2. Payment by individual block or blocks.

- 1 – 11% - 19 acres
- 2 – 13% - 25 acres
- 3 – 10% - 20 acres
- 4 – 16% - 22 acres
- 5 – 03% - 23 acres
- 6 – 12% - 20 acres
- 7 – 10% - 23 acres
- 8 – 13% - 17 acres
- 9 – 12% - 77 acres

Payment for Block 3 (10% of the bid price) is due at contract execution. Final payment is due no later than 120 days before the expiration of the Agreement. Progress of payment and sale operations shall continue such that Blocks 3 and 4 are paid for and operations completed by March 1, 2019, Blocks 6 and 8 are paid for and operations completed by March 1, 2020, and Block 7 is paid for and operations completed by March 1, 2021.

**- ANTI DISCRIMINATION -**

The contractor awarded the Timber Sale Agreement agrees he will not discriminate against any employee or other persons on account of race, sex, creed, age, ancestry or national origin.

**- SAFETY and ENVIRONMENTAL PROTECTION –**

The Buyer, his employees and sub-contractors are expected to perform all logging operations in a safe manner as required by applicable laws and regulations. The Commission expects the Buyer to ensure that logging crewmembers dress in protective attire, and perform their duties with equipment in accordance with standards established by the logging industry and the Occupational Safety and Health Administration (OSHA).

The PGC recommends that logging crews working on State Game Lands be trained in safe logging techniques and sound environmental logging practices through a formal training program such as the one provided by the Pennsylvania Sustainable Forestry Initiative (PA SFI) or another similar program.

Contractor must comply with the erosion and sediment control plan for disturbed areas that is included as a part of the timber contract.

**- SPECIAL PROVISIONS -**

See 6 Attached Sheets.

## SPECIAL PROVISIONS FOR THE "MT. ETNA"

S.G.L. # 296 T.S. # 296-16-01

### 1) ADMINISTRATIVE ITEMS

- a) This 246 acre timber sale consists of 44 acres of overstory removal (Blocks 1 & 2), 102 acres of clearcut with residuals (Blocks 3, 4, 6, 7 & 8), 77 acres of shelterwood (Block 9) and 23 acres of thinning (Block 5).
- b) Saw timber volumes in blocks 1, 2, 3, 4, 6, 7, 8, and 9 were determined by a 100% tally and pulp wood was determined by a 10 BAF prism plot cruise. Saw timber volumes in block 5 was determined by a 100% tally and pulp wood was determined by a 100% tally. All trees are tallied in 2 inch diameter classes.
- c) Operator is responsible for contacting PA One Call (8-1-1) at least three business days prior to any earth moving activities, skidding, or hauling to insure all utility lines are clearly identified. PA One Call will alert the appropriate facility owners of the intent to conduct earth moving activities or cross underground lines. Utility lines will be crossed in accordance to the requirements of the respective owner of that right-of-way. For more information, visit [www.paonecall.org](http://www.paonecall.org).
- d) The contractor shall provide the Regional Forester or his designee with at least 3 days advance notice prior to moving equipment on-site in anticipation of start-up.
- e) Whole tree harvesting is permitted in all or any blocks.
- f) No permanent paint may be used by bidder for marking/cruising this timber sale area.
- g) Payment for Block 3 (10% of the bid price) is due at contract execution. Final payment is due no later than 120 days before the expiration of the Agreement. **Progress of payment and sale operations shall continue such that Blocks 3 and 4 are paid in full and operations are completed by March 1, 2019, Blocks 6 and 8 are paid in full and operations completed by March 1, 2020, and Block 7 is paid in full and operations completed by March 1, 2021.**

### 2) BOUNDARIES, BLOCKS, AND CUTTING INSTRUCTIONS

- a) The sale consists of nine (9) cutting blocks. The sale boundary is delineated with **BLUE**-marked trees with 2 slashes. Corners are marked with 3 slashes. All **RED or BLUE** marked reserve trees shall remain standing.
- b) Reserve trees in Block 1 & 2 are marked with blue paint. Reserve trees in Blocks 3, 4, 6, 7, 8 & 9 are marked with red paint. The operator will determine if a reserve tree is a safety hazard, and will notify the Regional Forester of any reserve trees that were felled for safety reasons. Any reserved trees that are felled for safety reasons must be left at the stump. Snags may be left standing unless they present a safety hazard.
- c) Block line trees between blocks (1 & 2), (2 & 3), (3 & 4), (6 & 7), (7 & 8) are tallied but may not be cut until the adjacent block is paid in full.
- d) All live trees 6 inch dbh and larger must be felled within cutting block 1 & 2 with the exception of designated reserve trees.
- e) All live trees 2 inch dbh and larger must be felled within cutting blocks 3, 4, 6, 7, 8, & 9 with the exception of designated reserve trees. Hawthorn and serviceberry are to be reserved when possible.

- f) All yellow marked trees in cutting block 5 must be felled.
- g) All woods operations are to proceed at the same time. Pulpwood and culls must be cut during the same operation as sawlogs are being cut and skid.
- h) Cull portions of the tree are to be left at the stump. All logs and pulpwood are to be marked to length in the woods to eliminate short ends at the landings.
- i) Tops and slash will be cleared within 10 feet of the gameland boundary, roads and ditch lines, culverts, utility right-of-ways, herbaceous openings, spring runs, and defined stream channels.
- j) All stumps must be cut lower than 12" from the ground. Exceptions will be granted for multiple bole sawtimber trees.
- k) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.
- l) No fuel wood cutting by individuals other than the operator and employees will be permitted.
- m) **All felling of trees in Blocks 3, 4, 6, 7 & 8 must be done between November 15<sup>th</sup> and March 31<sup>st</sup>.**

### 3) **US / STATE / LOCAL ROADS**

- a) Operator may contact Penn DOT District 12-0, Westmoreland County at 724-439-7315 for permitting and/or bonding information for any State Roads to be used. Barren Run Road (SR 3035) and SR 981. For additional information go to <http://www.papostedroads.pa.gov/> .
- b) Timber from all blocks will be hauled in a northerly direction via Mt. Etna Road to SR 3035 (Barren Run Road) and SR 981. The use of township road (Mt. Etna Road) is to be coordinated with South Huntingdon Township Supervisors.

#### **South Huntingdon Township**

75 Supervisor Drive  
 West Newton, PA 15089  
 (724) 872-8474

### 4) **GAME LAND ROADS TO BUILD / IMPROVE**

**Section "A"**- Game Commission administrative road from Mt. Etna road to designated parking area adjacent to powerline.

- a) Prior to hauling, a 200' section of road over the large culvert crossing must be widened with **112 tons** of bank shale, sand rock or #4 quarry stone to facilitate wide swings with heavy equipment.
- b) The existing gameland road used for hauling must be kept open and passable for vehicles at all times. The operator is responsible for any haul road upgrades prior to, and during, hauling. Culverts damaged or plugged with sediment as a result of timbering operations will be repaired or replaced with equivalent culvert.
- c) Upon conclusion of use, one **15" diameter x 40 foot** and one **15" diameter x 30 foot** Corrugated Double Plastic (smooth interior wall) Culvert will be installed with a backhoe at locations delineated on site. Catch basins and tail ditches will be required. The operator will

provide **67 tons** of **2B** quarry stone to set and cover the culverts. The Regional Forester or designee must be present during installation.

- d) The operator will be required to use a backhoe to reestablish catch basins of seven existing culverts to a depth of 18 inches below the bottom of the culvert and improve tail ditches to facilitate positive drainage.
- e) Upon conclusion of culvert installation, the gameland administrative road used for hauling (estimated distance 4300') will be graded to a 12 foot running surface, ditch lines established leading into cutouts or culverts, positively drained with broad-based dips and cutouts, and crowned to drain all water into the ditches and top dressed with **225 tons** of 2B quarry stone.
- f) The existing parking area, adjacent to the powerline, used for staging will be graded with positive drainage, and top dressed with **45 tons** of **2A** modified quarry stone. Areas disturbed and not stoned will be treated as outlined in Section 7, Seeding of Roadways and Landings.

**Section "B"**- All other game land roads used for hauling.

- a) Upon conclusion of use, the gameland administrative roads used for hauling (estimated distance 9100') will be graded to a 12 foot running surface, ditch lines established leading into cutouts or culverts, positively drained with broad-based dips and cutouts, and crowned to drain all water into the ditches where possible and returned to original condition. Areas steep and prone to possible erosion will be seeded with 2 bu. per acre of oats (spring), wheat or barley (fall).

**The operator will notify the Regional Forester or designee three business days prior to beginning any road maintenance. The road improvement will occur during normal working days of the forester, and will not occur on weekends or holidays.**

## 5) **LANDINGS**

- a) All landings are to be approved by the Regional Forester or designee.
- b) At the discretion of Regional Forester, landing sites constructed in wooded areas must have all stumps removed and scattered about the cleared edge.
- c) Logging debris is to be kept to a minimum. All logs and pulpwood are to be marked to length in the woods to eliminate short ends at the landings.
- d) All excessive logging debris on the landings is to be removed from the game lands by the operator at the conclusion of the sale.
- e) At the conclusion of the sale, landing sites are to be leveled and positively drained, cleared of debris, and treated according to specifications outlined in Section 7, Seeding of Roadways and Landings.
- f) The operator will notify the Regional Forester or designee three business days prior to beginning landing reclamation. The work will occur during normal working days of the forester, and will not occur on weekends or holidays.

## 6) **SKIDDING**

- a) Skid trails will be coordinated with the Regional Forester or designee.

- b) No skidding will be allowed through streams or across unprotected utility lines.
- c) No skidding will be permitted across small drainages without the use of temporary bridges.
- d) Skidders are to be kept off of other haul roads as much as possible.
- e) Wet areas should be avoided when skidding and any treetops which are felled into small wet areas should be left in the water rather than pulling them out.
- f) If skid trails are to sit idle for one month or more they will be leveled and have water bars added.
- g) Though coordination with the Regional Forester or designee, skid roads and trails within the cutting blocks may be graded rut free, water-bared, and brushed closed as harvesting progresses.
- h) Upon conclusion of use, skid roads not graded and brushed closed will be cleared of all debris, graded rut free, and positively drained with water-bars and cut-outs. All skid roads outside of the timber sale boundary will be treated according to specifications outlined in Section 7, Seeding of Roadways and Landings.

## **7) SEEDING OF ROADWAYS AND LANDINGS**

- a) At the conclusion of logging operations in each block or group of adjoining blocks, and suitable weather permits, all disturbed areas designated for seeding will be graded according to specifications outlined above and treated according to the following:

5 lbs. per acre of Inoculated Alsike Clover  
 5 lbs. per acre of Inoculated Ladino Clover  
 5 lbs. per acre of Inoculated Crimson Clover  
 5 lbs. per acre of Inoculated Red Clover  
 2 bu. per acre of oats (spring), wheat or barley (fall)  
 200 lbs. per acre of Pelletized Lime  
 150 lbs. per acre of Triple 19 Fertilizer (19-19-19)  
 40 bales per acre of straw

Approximately 3.0 acres are anticipated, but total acreage requiring seeding will be determined on-site as operations progress. All areas, if treated between June 15 and August 15, will be mulched. Landings will be mulched regardless of time of year. Guaranteed catch of cover must be obtained to the satisfaction of the Regional Forester before the bond will be released, and seeding completed after October 10 will require inspection for successful germination the following spring.

- b) The operator will notify the Regional Forester or designee three business days prior to seeding. The work will occur during normal working days of the forester, and will not occur on weekends or holidays.

## **8) OPERATIONS AND NON-WORK DAYS**

- a) No woods operation will be permitted on the following days:
  1. All Saturdays in the months of October, November, December, and January.
  2. The opening day and all Saturdays during spring turkey season, including the youth spring gobbler hunt.
  3. All the days of the general statewide bear season
  4. The entire 2 weeks of the general firearms deer season

5. The opening day of the flintlock muzzleloader season

All felling of trees in Blocks 3, 4, 6, 7, & 8 must be done between November 15<sup>th</sup> and March 31<sup>st</sup>. Skidding already felled trees may occur outside of the restricted window.

No woods operation will be permitted from February 15 through April 15 (*spring break-up*) without the permission of the Regional Forester.

- b) The contractor, employees, and sub-contractors may not hunt to, from, or at the job site when the work location is beyond a gated road that is closed to public traffic. The contractor may travel to and from the work location on no-work days to check on the condition of equipment.
- c) Except on Sundays, it is unlawful to be present on State Game Lands from November 15 through December 15 inclusive when not engaged in lawful hunting or trapping and fail to wear a minimum of 250 square inches of daylight fluorescent-orange material on the head, chest, and back combined, or in lieu thereof, a hat of the same colored material. The material shall be worn so it is visible in a 360-degree arc.

**9) MISCELLANEOUS**

- a) Operator must comply with the erosion and sedimentation control plan for the area, update the plan with control measures implemented as logging progress, and maintain an updated copy on-site at all times.
- b) Gates are to be kept closed and locked at all times except when the contractor is present on the site.
- c) A copy of weigh slips will be provided to the Regional Forester for all specified quarry stone or steel slag aggregate. A copy of receipts will be provided to the Regional Forester for lime, fertilizer and seed.
- d) Violation of contract provisions by the operator may subject the operator or their employees or contractors to fines based on Title 58 regulations.
- e) Operator will supply all employees working on this site with a map and copy of the sale provisions.

**10) PA RIGHT TO KNOW PROVISIONS**

- a. The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, applies to this contract.
- b. Unless the Contractor provides the Commonwealth, in writing, with the name and contact information of another person, the agency shall notify the Contractor using the Contractor information provided by the Contractor in SRM [or "the legal contact information provided in this contract"] if the agency needs the Contractor's assistance in any matter arising out of the Right to Know Law ("RTKL"). The Contractor shall notify the agency in writing of any change in the name or the contact information within a reasonable time prior to the change.
  - c. Upon notification from the Commonwealth that the Commonwealth requires the Contractor's assistance in responding to a RTKL request for records in the Contractor's possession, the Contractor shall provide the Commonwealth, within fourteen (14) calendar days after receipt of such notification, access to, and copies of, any document or information in the Contractor's possession which arises out of the contract that the Commonwealth requests ("Requested Information") and provided such other assistance as the Commonwealth may request in order to comply with the RTKL. If the Contractor fails to provide the Requested Information within fourteen (14) calendar days after

receipt of such request, the Contractor shall indemnify and hold the Commonwealth harmless for any damages, penalties, detriment or harm that the Commonwealth may incur as a result of the Contractor's failure, including any statutory damages assessed against the Commonwealth.

d. The Commonwealth's determination as to whether the Requested Information is a public record is dispositive of the question as between the parties. Contractor agrees not to challenge the Commonwealth's decision to deem the Requested Information a Public Record. If the Contractor considers the Requested Information to include a request for a Trade Secret or Confidential Proprietary Information, as those terms are defined by the RTKL, the Contractor will immediately notify the Commonwealth, and will provide a written statement signed by a representative of the Contractor explaining why the requested material is exempt from public disclosure under the RTKL within seven (7) calendar days of receiving the request. If, upon review of the Contractor's written statement, the Commonwealth still decides to provide the Requested Information, Contractor will not challenge or in any way hold the Commonwealth liable for such a decision.

e. The Commonwealth will reimburse the Contractor for any costs associated with complying with this provision only to the extent allowed under the fee schedule established by the Office of Open Records or as otherwise provided by the RTKL if the fee schedule is inapplicable.

f. Contractor agrees to abide by any decision to release a record to the public made by the Office of Open Records, or by the Pennsylvania Courts. The Contractor agrees to waive all rights or remedies that may be available to it as a result of the Commonwealth's disclosure of Requested Information pursuant to the RTKL. Contractor's duties relating to the RTKL are continuing duties that survive the expiration of this contract and shall continue as long as the Contractor has Requested Information in its possession.

**PGC TIMBER SALE  
STATE GAME LANDS NO. 296  
Mt. Etna 296-16-01**

**TIMBER SALE COST ESTIMATE**

**EXISTING HAUL ROADS**

Machine/Labor	\$3,000.00
292 Tons Quarry stone	\$5,840.00
112 Tons Sand Rock or Bank Shale	\$500.00
1 15" diameter x 40 foot Corrugated Double Plastic (smooth interior wall) Culvert	\$400.00
1 15" diameter x 30 foot Corrugated Double Plastic (smooth interior wall) Culvert	\$300.00
Seed w/oats, wheat or barley	\$60.00
	<hr/> <b>\$10,100.00</b>

**SKID ROADS**

Machine/Labor	<b>\$2,000.00</b>
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**LANDINGS**

Machine/Labor	\$1,000.00
Lime, Fertilizer, Seed & Straw Mulch	\$2,250.00
	<hr/> <b>\$3,250.00</b>

**PARKING AREA**

45 Tons 2A Modified Quarry Stone	<b>\$900.00</b>
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**NON\_MERCHANTABLE TREES**

Cut Down 5,912 four (4) inch and cull pole trees @ .25/tree	<hr/> <b>\$1,478.00</b>
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**TOTAL COST ESTIMATE**

**\$17,728.00**

*Estimates based on \$1000/day dozer or excavator; quarry stone \$20.00/ton; seed, lime fertilizer, straw mulch \$750/acre.*

*All additional costs are estimates calculated by the PGC Forestry Division staff and are not guaranteed, and the buyer is encouraged to calculate their own anticipated cost.*

**PA GAME COMMISSION TIMBER SALE BLOCK SUMMARY**

SALE NAME Mt Etna  
 BLOCK NO. 1,2,3,4,5,6,7,8,9  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 10/12/2016  
 ACRES 246

Species		BLACK CHERRY	HARD MAPLE	MISC HW	MIXED OAK	N. RED OAK	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW-POPLAR				Totals
Form Class		83	81	82	79	83	83	82	81	81				
Block No.	Acres	<i>Board Foot Volume - Girard &amp; Mesavage Scribner Rule</i>												
1	19	6,288	8,875	898	278	2,839	13,198	377	2,701	57,221				92,675
2	25	6,264	9,616	1,705	367	4,834	16,984	988	731	71,887				113,376
3	20	10,945	8,278	1,058	0	3,749	22,485	220	409	36,507				83,651
4	22	22,509	21,600	2,871	422	2,603	31,949	52	0	59,549				141,555
5	23	318	1,186	504	0	0	1,224	5,087	0	19,779				28,098
6	20	1,119	37,224	6,789	0	2,547	9,830	4,084	2,339	44,335				108,267
7	23	4,734	43,569	4,849	0	9,814	16,831	3,820	593	7,302				91,512
8	17	7,257	9,022	547	0	3,656	23,350	1,112	0	70,696				115,640
9	77	3,861	18,565	6,072	0	3,198	23,292	3,804	852	50,088				109,732
Totals	246	63,295	157,935	25,293	1,067	33,240	159,143	19,544	7,625	417,364				884,506
No. of Trees		405	1,374	266	3	124	1,236	154	43	1,536				5,141
AVG. Bd.ft./Tree		156	115	95	356	268	129	127	177	272				172
No. of Culls		41	62	110	0	4	202	435	0	22				876

<i>Pulpwood Volume</i>					
Block No.	Acres	Cords/Acre	Tons/Acre	Total Cords	Total Tons
1	19	1	2	16	36
2	25	0	1	11	25
3	20	3	6	54	124
4	22	3	6	60	138
5	23	2	5	55	126
6	20	7	17	147	339
7	23	7	17	166	382
8	17	5	10	77	177
9	77	6	14	460	1,059
				1,046	2,406

Comments:  
 All volumes listed are estimates.  
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**PA GAME COMMISSION TIMBER SALE BLOCK SUMMARY**

SALE NAME Mt Etna  
 BLOCK NO. 1,2,3,4,5,6,7,8,9  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 10/12/2016  
 ACRES 246

Species	BLACK CHERRY	HARD MAPLE	MISC HW	MIXED OAK	N. RED OAK	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW-POPLAR				Totals
Form Class	83	81	82	79	83	83	82	81	81				
Block No.	Acres	<i>Board Foot Volume - Girard &amp; Mesavage Scribner Rule</i>											
1-9	246	63,295	157,935	25,293	1,067	33,240	159,143	19,544	7,625	417,364			884,506
Totals	246	63,295	157,935	25,293	1,067	33,240	159,143	19,544	7,625	417,364			884,506
No. of Trees		405	1,374	266	3	124	1,236	154	43	1,536			5,141
AVG. Bd.ft./Tree		156	115	95	356	268	129	127	177	272			172
No. of Culls		41	62	110	0	4	202	435	0	22			876

<i>Pulpwood Volume</i>					
Block No.	Acres	Cords/Acre	Tons/Acre	Total Cords	Total Tons
1-9	246	4	10	1,046	2,406
				1,046	2,406

Comments:  
 All volumes listed are estimates.  
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**PA GAME COMMISSION TIMBER SALE SUMMARY**

SALE NAME Mt Etna  
 BLOCK NUMBER(S) 1,2,3,4,5,6,7,8,9  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 10/12/2016  
 ACRES 246

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
BLACK CHERRY	83	405	41	63,295	156	7.2	257
HARD MAPLE	81	1,374	62	157,935	115	17.9	642
MISC HW	82	266	110	25,293	95	2.9	103
MIXED OAK	79	3	0	1,067	356	0.1	4
N. RED OAK	83	124	4	33,240	268	3.8	135
RED MAPLE	83	1,236	202	159,143	129	18.0	647
WHITE ASH	82	154	435	19,544	127	2.2	79
WHITE OAK	81	43	0	7,625	177	0.9	31
YELLOW-POPLAR	81	1,536	22	417,364	272	47.2	1,697
<b>TOTALS</b>		5,141	876	884,506	172	100	3,595

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
HARD MAPLE	4,346	535	34,395	43.8	140	1.9	4.3
RED MAPLE	2,392	154	20,671	26.3	84	1.1	2.6
YELLOW-POPLAR	693	60	7,521	9.6	31	0.4	0.9
MISC HW	1,262	164	10,293	13.1	42	0.6	1.3
WHITE ASH	256	329	2,141	2.7	9	0.1	0.3
BLACK CHERRY	215	24	2,823	3.6	11	0.2	0.4
N. RED OAK	25	1	171	0.2	1	0.0	0.0
WHITE OAK	38	0	441	0.6	2	0.0	0.1
ASH	1	0	3	0.0	0	0.0	0.0
<b>TOTALS</b>	9,229	1,266	78,459	100	320	4.3	9.8

Total trees less than or equal to 4" dbh to be cut: 4,646

Comments:

**PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE**

SALE NAME Mt Etna  
 BLOCK NO. 1,2,3,4,5,6,7,8,9  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 10/12/2016  
 ACRES 246

Sawtimber Trees												
SPECIES DBH	BLACK CHERRY	HARD MAPLE	MISC HW	MIXED OAK	N. RED OAK	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR			Total
10"	0	1	0	0	0	0	0	0	0			1
12"	57	387	81	0	19	302	27	5	150			1,028
14"	98	336	74	0	11	266	29	8	181			1,003
16"	78	247	45	0	9	224	26	7	196			832
18"	79	152	32	0	11	184	20	7	258			743
20"	51	156	22	1	24	150	24	9	268			705
22"	24	61	8	1	13	68	17	4	205			401
24"	12	18	0	0	13	27	6	1	149			226
26"	5	10	4	1	9	11	1	2	76			119
28"	1	4	0	0	8	2	3	0	32			50
30"	0	2	0	0	7	2	0	0	14			25
32"	0	0	0	0	0	0	0	0	5			5
34"	0	0	0	0	0	0	1	0	1			2
36"	0	0	0	0	0	0	0	0	1			1
38"	0	0	0	0	0	0	0	0	0			0
40" +	0	0	0	0	0	0	0	0	0			0
<b>Total</b>	<b>405</b>	<b>1,374</b>	<b>266</b>	<b>3</b>	<b>124</b>	<b>1,236</b>	<b>154</b>	<b>43</b>	<b>1,536</b>	<b>0</b>	<b>0</b>	<b>5,141</b>

Sawtimber Volume (bdf.)												
10"	0	31	0	0	0	0	0	0	0			31
12"	2,602	16,591	3,257	0	915	13,446	1,040	235	7,149			45,235
14"	8,028	25,892	5,486	0	1,038	21,517	2,020	685	17,328			81,994
16"	10,220	28,982	4,800	0	1,175	27,318	2,206	883	29,736			105,320
18"	15,501	24,545	4,883	0	2,123	31,829	2,997	1,357	57,920			141,155
20"	12,457	32,166	3,594	278	5,882	31,474	4,101	1,956	80,544			172,452
22"	7,214	15,935	2,106	367	4,495	18,186	4,149	1,232	77,665			131,349
24"	4,554	6,256	0	0	5,000	9,015	2,274	445	68,636			96,180
26"	2,344	4,075	1,167	422	4,475	4,729	551	832	42,099			60,694
28"	375	1,988	0	0	3,881	585	206	0	19,652			26,687
30"	0	1,474	0	0	4,256	1,044	0	0	9,555			16,329
32"	0	0	0	0	0	0	0	0	4,373			4,373
34"	0	0	0	0	0	0	0	0	1,160			1,160
36"	0	0	0	0	0	0	0	0	1,547			1,547
38"	0	0	0	0	0	0	0	0	0			0
40" +	0	0	0	0	0	0	0	0	0			0
<b>Total</b>	<b>63,295</b>	<b>157,935</b>	<b>25,293</b>	<b>1,067</b>	<b>33,240</b>	<b>159,143</b>	<b>19,544</b>	<b>7,625</b>	<b>417,364</b>	<b>0</b>	<b>0</b>	<b>884,506</b>

Pulpwood Trees												
SPECIES DBH	HARD MAPLE	RED MAPLE	YELLOW- POPLAR	MISC HW	WHITE ASH	BLACK CHERRY	N. RED OAK	WHITE OAK	ASH			Total
6"	2,308	861	154	528	177	65	2	0	1			4,097
8"	1,366	856	321	399	258	37	24	1	0			3,262
10"	903	556	191	397	80	79	0	37	0			2,243
12"	278	231	72	35	53	49	0	0	0			717
14"	20	23	10	52	11	8	0	0	0			124
16"	0	13	0	13	0	0	0	0	0			26
18"	6	6	0	0	6	0	0	0	0			18
20" +	0	0	5	3	0	0	0	0	0			8
<b>Total</b>	<b>4,881</b>	<b>2,546</b>	<b>753</b>	<b>1,427</b>	<b>585</b>	<b>239</b>	<b>26</b>	<b>38</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>10,495</b>

Pulpwood Volume (cuft.)												
6"	5,761	2,113	369	1,291	22	203	6	0	3			9,767
8"	10,025	5,212	2,151	2,455	1,366	265	165	6	0			21,646
10"	12,125	7,093	2,434	3,907	654	811	0	436	0			27,460
12"	5,842	4,702	1,560	637	66	1,255	0	0	0			14,061
14"	301	698	332	1,454	32	289	0	0	0			3,107
16"	0	541	0	256	0	0	0	0	0			797
18"	341	311	0	0	0	0	0	0	0			652
20" +	0	0	675	293	0	0	0	0	0			968
<b>Total</b>	<b>34,395</b>	<b>20,671</b>	<b>7,521</b>	<b>10,293</b>	<b>2,141</b>	<b>2,823</b>	<b>171</b>	<b>441</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>78,459</b>

**PA GAME COMMISSION TIMBER SALE SUMMARY**

SALE NAME Mt Etna  
 BLOCK NO. 1  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 10/12/2016  
 ACRES 19

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
BLACK CHERRY	83	32	1	6,288	197	6.8	331
HARD MAPLE	81	65	6	8,875	137	9.6	467
MISC HW	82	9	0	898	100	1.0	47
MIXED OAK	79	1	0	278	278	0.3	15
N. RED OAK	83	14	0	2,839	203	3.1	149
RED MAPLE	83	78	3	13,198	169	14.2	695
WHITE ASH	82	2	19	377	189	0.4	20
WHITE OAK	81	14	0	2,701	193	2.9	142
YELLOW-POPLAR	81	167	0	57,221	343	61.7	3,012
<b>TOTALS</b>		382	29	92,675	243	100	4,878

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
HARD MAPLE	39	0	303	25.6	16	0.2	0.5
RED MAPLE	89	0	880	74.4	46	0.6	1.4
YELLOW-POPLAR	0	0	0	0.0	0	0.0	0.0
MISC HW	0	0	0	0.0	0	0.0	0.0
WHITE ASH	0	0	0	0.0	0	0.0	0.0
BLACK CHERRY	0	0	0	0.0	0	0.0	0.0
N. RED OAK	0	0	0	0.0	0	0.0	0.0
WHITE OAK	0	0	0	0.0	0	0.0	0.0
ASH	0	0	0	0.0	0	0.0	0.0
<b>TOTALS</b>	128	0	1,183	100	62	0.8	1.9

Total trees less than or equal to 4" dbh to be cut: 0

Comments:  
Clear Cut



**PA GAME COMMISSION TIMBER SALE SUMMARY**

SALE NAME Mt Etna  
 BLOCK NO. 2  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 6/28/2016  
 ACRES 25

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
BLACK CHERRY	83	38	6	6,264	165	5.5	251
HARD MAPLE	81	69	5	9,616	139	8.5	385
MISC HW	82	17	4	1,705	100	1.5	68
MIXED OAK	79	1	0	367	367	0.3	15
N. RED OAK	83	17	3	4,834	284	4.3	193
RED MAPLE	83	95	15	16,984	179	15.0	679
WHITE ASH	82	10	16	988	99	0.9	40
WHITE OAK	81	5	0	731	146	0.6	29
YELLOW-POPLAR	81	229	2	71,887	314	63.4	2,875
<b>TOTALS</b>		481	51	113,376	236	100	4,535

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
HARD MAPLE	30	0	233	28.9	9	0.1	0.3
RED MAPLE	30	0	183	22.7	7	0.1	0.2
YELLOW-POPLAR	2	0	390	48.4	16	0.2	0.5
MISC HW	0	0	0	0.0	0	0.0	0.0
WHITE ASH	0	0	0	0.0	0	0.0	0.0
BLACK CHERRY	0	0	0	0.0	0	0.0	0.0
N. RED OAK	0	0	0	0.0	0	0.0	0.0
WHITE OAK	0	0	0	0.0	0	0.0	0.0
ASH	0	0	0	0.0	0	0.0	0.0
<b>TOTALS</b>	62	0	806	100	32	0.4	1.0

Total trees less than or equal to 4" dbh to be cut: 0

Comments:  
 Clear Cut



**PA GAME COMMISSION TIMBER SALE SUMMARY**

SALE NAME Mt Etna  
 BLOCK NO. 3  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER BMK  
 DATE 8/30/2016  
 ACRES 20

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
BLACK CHERRY	83	65	4	10,945	168	13.1	547
HARD MAPLE	81	64	1	8,278	129	9.9	414
MISC HW	82	12	5	1,058	88	1.3	53
MIXED OAK	79	0	0	0	0	0.0	0
N. RED OAK	83	13	0	3,749	288	4.5	187
RED MAPLE	83	157	17	22,485	143	26.9	1,124
WHITE ASH	82	8	46	220	28	0.3	11
WHITE OAK	81	3	0	409	136	0.5	20
YELLOW-POPLAR	81	118	0	36,507	309	43.6	1,825
<b>TOTALS</b>		440	73	83,651	190	100	4,181

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
HARD MAPLE	213	0	1,121	27.6	56	0.7	1.7
RED MAPLE	254	0	1,267	31.2	63	0.8	1.9
YELLOW-POPLAR	108	0	910	22.4	46	0.6	1.4
MISC HW	99	0	475	11.7	24	0.3	0.7
WHITE ASH	41	0	284	7.0	14	0.2	0.4
BLACK CHERRY	0	0	0	0.0	0	0.0	0.0
N. RED OAK	0	0	0	0.0	0	0.0	0.0
WHITE OAK	0	0	0	0.0	0	0.0	0.0
ASH	0	0	0	0.0	0	0.0	0.0
<b>TOTALS</b>	714	0	4,057	100	203	2.7	6.2

Total trees less than or equal to 4" dbh to be cut: 163

Comments:  
 Clear Cut



**PA GAME COMMISSION TIMBER SALE SUMMARY**

SALE NAME Mt Etna  
 BLOCK NO. 4  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 7/11/2016  
 ACRES 22

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
BLACK CHERRY	83	122	4	22,509	185	15.9	1,023
HARD MAPLE	81	133	2	21,600	162	15.3	982
MISC HW	82	21	5	2,871	137	2.0	131
MIXED OAK	79	1	0	422	422	0.3	19
N. RED OAK	83	14	1	2,603	186	1.8	118
RED MAPLE	83	213	22	31,949	150	22.6	1,452
WHITE ASH	82	1	14	52	52	0.0	2
WHITE OAK	81	0	0	0	0	0.0	0
YELLOW-POPLAR	81	186	1	59,549	320	42.1	2,707
<b>TOTALS</b>		691	49	141,555	205	100	6,434

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
HARD MAPLE	185	0	1,441	32.0	65	0.9	2.0
RED MAPLE	97	0	1,095	24.3	50	0.7	1.5
YELLOW-POPLAR	105	15	935	20.7	43	0.6	1.3
MISC HW	15	0	145	3.2	7	0.1	0.2
WHITE ASH	0	0	0	0.0	0	0.0	0.0
BLACK CHERRY	18	0	553	12.3	25	0.3	0.8
N. RED OAK	23	0	165	3.7	8	0.1	0.2
WHITE OAK	15	0	174	3.9	8	0.1	0.2
ASH	0	0	0	0.0	0	0.0	0.0
<b>TOTALS</b>	459	15	4,508	100	206	2.7	6.3

Total trees less than or equal to 4" dbh to be cut: 373

Comments:  
 Clear Cut

**PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE**

SALE NAME Mt Etna  
 BLOCK NO. 4  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 7/11/2016  
 ACRES 22

Sawtimber Trees													
SPECIES DBH	BLACK CHERRY	HARD MAPLE	MISC HW	MIXED OAK	N. RED OAK	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR				Total
10"	0	1	0	0	0	0	0	0	0				1
12"	10	23	5	0	2	29	1	0	8				78
14"	26	29	4	0	2	37	0	0	15				113
16"	26	21	4	0	0	53	0	0	12				116
18"	22	13	3	0	5	35	0	0	42				120
20"	20	22	4	0	4	36	0	0	35				121
22"	10	10	1	0	0	15	0	0	44				80
24"	6	7	0	0	1	5	0	0	23				42
26"	2	5	0	1	0	3	0	0	4				15
28"	0	2	0	0	0	0	0	0	0				2
30"	0	0	0	0	0	0	0	0	0				0
32"	0	0	0	0	0	0	0	0	2				2
34"	0	0	0	0	0	0	0	0	1				1
36"	0	0	0	0	0	0	0	0	0				0
38"	0	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0	0				0
<b>Total</b>	122	133	21	1	14	213	1	0	186	0	0	0	691

Sawtimber Volume (bdf.)													
10"	0	31	0	0	0	0	0	0	0				31
12"	466	1,074	254	0	68	1,377	52	0	423				3,714
14"	2,192	2,417	281	0	214	3,300	0	0	1,575				9,979
16"	3,504	2,420	554	0	0	6,376	0	0	2,062				14,916
18"	4,681	2,243	582	0	965	6,173	0	0	10,520				25,164
20"	4,697	4,684	853	0	985	7,755	0	0	10,988				29,962
22"	3,403	2,870	347	0	0	4,523	0	0	16,918				28,061
24"	2,430	2,640	0	0	371	1,623	0	0	11,717				18,781
26"	1,136	2,227	0	422	0	822	0	0	2,341				6,948
28"	0	994	0	0	0	0	0	0	0				994
30"	0	0	0	0	0	0	0	0	0				0
32"	0	0	0	0	0	0	0	0	1,845				1,845
34"	0	0	0	0	0	0	0	0	1,160				1,160
36"	0	0	0	0	0	0	0	0	0				0
38"	0	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0	0				0
<b>Total</b>	22,509	21,600	2,871	422	2,603	31,949	52	0	59,549	0	0	0	141,555

Pulpwood Trees													
SPECIES DBH	HARD MAPLE	RED MAPLE	YELLOW- POPLAR	MISC HW	WHITE ASH	BLACK CHERRY	N. RED OAK	WHITE OAK	ASH				Total
6"	83	0	41	0	0	0	0	0	0				124
8"	47	47	23	0	0	0	23	0	0				140
10"	45	30	45	15	0	0	0	15	0				149
12"	10	21	10	0	0	10	0	0	0				52
14"	0	0	0	0	0	8	0	0	0				8
16"	0	0	0	0	0	0	0	0	0				0
18"	0	0	0	0	0	0	0	0	0				0
20" +	0	0	0	0	0	0	0	0	0				0
<b>Total</b>	185	97	120	15	0	18	23	15	0	0	0	0	473

Pulpwood Volume (cuft.)													
6"	257	0	141	0	0	0	0	0	0				398
8"	364	286	157	0	0	0	165	0	0				972
10"	602	385	412	145	0	0	0	174	0				1,719
12"	218	423	225	0	0	264	0	0	0				1,130
14"	0	0	0	0	0	289	0	0	0				289
16"	0	0	0	0	0	0	0	0	0				0
18"	0	0	0	0	0	0	0	0	0				0
20" +	0	0	0	0	0	0	0	0	0				0
<b>Total</b>	1,441	1,095	935	145	0	553	165	174	0	0	0	0	4,508

**PA GAME COMMISSION TIMBER SALE SUMMARY**

SALE NAME Mt Etna  
 BLOCK NO. 5  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 5/11/2016  
 ACRES 23

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
BLACK CHERRY	83	4	1	318	80	1.1	14
HARD MAPLE	81	18	2	1,186	66	4.2	52
MISC HW	82	5	0	504	101	1.8	22
MIXED OAK	79	0	0	0	0	0.0	0
N. RED OAK	83	0	0	0	0	0.0	0
RED MAPLE	83	18	13	1,224	68	4.4	53
WHITE ASH	82	27	3	5,087	188	18.1	221
WHITE OAK	81	0	0	0	0	0.0	0
YELLOW-POPLAR	81	120	3	19,779	165	70.4	860
<b>TOTALS</b>		192	22	28,098	146	100	1,222

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
HARD MAPLE	92	19	668	16.3	29	0.4	0.9
RED MAPLE	207	39	1,634	39.9	71	0.9	2.2
YELLOW-POPLAR	102	8	948	23.1	41	0.5	1.3
MISC HW	56	11	453	11.1	20	0.3	0.6
WHITE ASH	22	2	231	5.6	10	0.1	0.3
BLACK CHERRY	16	3	137	3.3	6	0.1	0.2
N. RED OAK	2	1	6	0.1	0	0.0	0.0
WHITE OAK	2	0	18	0.4	1	0.0	0.0
ASH	1	0	3	0.1	0	0.0	0.0
<b>TOTALS</b>	500	83	4,097	100	178	2.4	5.5

Total trees less than or equal to 4" dbh to be cut: 148

Comments:  
 Thinning

**PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE**

SALE NAME Mt Etna  
 BLOCK NO. 5  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 5/11/2016  
 ACRES 23

Sawtimber Trees													
SPECIES DBH	BLACK CHERRY	HARD MAPLE	MISC HW	MIXED OAK	N. RED OAK	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR				Total
10"	0	0	0	0	0	0	0	0	0				0
12"	1	9	1	0	0	7	2	0	28				48
14"	3	5	1	0	0	6	6	0	28				49
16"	0	2	2	0	0	5	3	0	20				32
18"	0	2	1	0	0	0	5	0	19				27
20"	0	0	0	0	0	0	4	0	15				19
22"	0	0	0	0	0	0	3	0	7				10
24"	0	0	0	0	0	0	4	0	3				7
26"	0	0	0	0	0	0	0	0	0				0
28"	0	0	0	0	0	0	0	0	0				0
30"	0	0	0	0	0	0	0	0	0				0
32"	0	0	0	0	0	0	0	0	0				0
34"	0	0	0	0	0	0	0	0	0				0
36"	0	0	0	0	0	0	0	0	0				0
38"	0	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0	0				0
<b>Total</b>	<b>4</b>	<b>18</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>27</b>	<b>0</b>	<b>120</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>192</b>

Sawtimber Volume (bdf.)													
DBH	BLACK CHERRY	HARD MAPLE	MISC HW	MIXED OAK	N. RED OAK	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR				Total
10"	0	0	0	0	0	0	0	0	0				0
12"	55	421	30	0	0	267	84	0	1,355				2,212
14"	263	284	72	0	0	369	520	0	2,586				4,094
16"	0	162	260	0	0	588	392	0	2,968				4,370
18"	0	319	142	0	0	0	850	0	4,142				5,453
20"	0	0	0	0	0	0	765	0	4,547				5,312
22"	0	0	0	0	0	0	728	0	2,597				3,325
24"	0	0	0	0	0	0	1,748	0	1,584				3,332
26"	0	0	0	0	0	0	0	0	0				0
28"	0	0	0	0	0	0	0	0	0				0
30"	0	0	0	0	0	0	0	0	0				0
32"	0	0	0	0	0	0	0	0	0				0
34"	0	0	0	0	0	0	0	0	0				0
36"	0	0	0	0	0	0	0	0	0				0
38"	0	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0	0				0
<b>Total</b>	<b>318</b>	<b>1,186</b>	<b>504</b>	<b>0</b>	<b>0</b>	<b>1,224</b>	<b>5,087</b>	<b>0</b>	<b>19,779</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,098</b>

Pulpwood Trees													
SPECIES DBH	HARD MAPLE	RED MAPLE	YELLOW- POPLAR	MISC HW	WHITE ASH	BLACK CHERRY	N. RED OAK	WHITE OAK	ASH				Total
6"	63	108	38	20	9	8	2	0	1				249
8"	24	66	33	22	5	5	1	1	0				157
10"	21	51	32	16	6	5	0	1	0				132
12"	3	19	4	7	3	1	0	0	0				37
14"	0	2	3	2	1	0	0	0	0				8
16"	0	0	0	0	0	0	0	0	0				0
18"	0	0	0	0	0	0	0	0	0				0
20" +	0	0	0	0	0	0	0	0	0				0
<b>Total</b>	<b>111</b>	<b>246</b>	<b>110</b>	<b>67</b>	<b>24</b>	<b>19</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>583</b>

Pulpwood Volume (cuft.)													
DBH	HARD MAPLE	RED MAPLE	YELLOW- POPLAR	MISC HW	WHITE ASH	BLACK CHERRY	N. RED OAK	WHITE OAK	ASH				Total
6"	136	238	102	46	22	19	6	0	3				571
8"	187	368	221	99	28	35	0	6	0				945
10"	282	580	441	145	83	57	0	12	0				1,601
12"	63	388	87	111	66	25	0	0	0				739
14"	0	60	96	52	32	0	0	0	0				241
16"	0	0	0	0	0	0	0	0	0				0
18"	0	0	0	0	0	0	0	0	0				0
20" +	0	0	0	0	0	0	0	0	0				0
<b>Total</b>	<b>668</b>	<b>1,634</b>	<b>948</b>	<b>453</b>	<b>231</b>	<b>137</b>	<b>6</b>	<b>18</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,097</b>

**PA GAME COMMISSION TIMBER SALE SUMMARY**

SALE NAME Mt Etna  
 BLOCK NO. 6  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 6/16/2016  
 ACRES 20

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
BLACK CHERRY	83	4	0	1,119	280	1.0	56
HARD MAPLE	81	337	10	37,224	110	34.4	1,861
MISC HW	82	63	4	6,789	108	6.3	339
MIXED OAK	79	0	0	0	0	0.0	0
N. RED OAK	83	7	0	2,547	364	2.4	127
RED MAPLE	83	76	16	9,830	129	9.1	492
WHITE ASH	82	28	7	4,084	146	3.8	204
WHITE OAK	81	10	0	2,339	234	2.2	117
YELLOW-POPLAR	81	176	0	44,335	252	40.9	2,217
<b>TOTALS</b>		701	37	108,267	154	100	5,413

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
HARD MAPLE	817	40	7,156	64.8	358	4.8	11.0
RED MAPLE	65	0	693	6.3	35	0.5	1.1
YELLOW-POPLAR	25	0	718	6.5	36	0.5	1.1
MISC HW	148	14	2,328	21.1	116	1.6	3.6
WHITE ASH	22	0	156	1.4	8	0.1	0.2
BLACK CHERRY	0	0	0	0.0	0	0.0	0.0
N. RED OAK	0	0	0	0.0	0	0.0	0.0
WHITE OAK	0	0	0	0.0	0	0.0	0.0
ASH	0	0	0	0.0	0	0.0	0.0
<b>TOTALS</b>	1,078	54	11,051	100	553	7.4	16.9

Total trees less than or equal to 4" dbh to be cut: 807

Comments:  
 Clear Cut



**PA GAME COMMISSION TIMBER SALE SUMMARY**

SALE NAME Mt Etna  
 BLOCK NO. 7  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 6/21/2016  
 ACRES 23

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
BLACK CHERRY	83	31	1	4,734	153	5.2	206
HARD MAPLE	81	388	13	43,569	112	47.6	1,894
MISC HW	82	49	6	4,849	99	5.3	211
MIXED OAK	79	0	0	0	0	0.0	0
N. RED OAK	83	26	0	9,814	377	10.7	427
RED MAPLE	83	127	15	16,831	133	18.4	732
WHITE ASH	82	26	78	3,820	147	4.2	166
WHITE OAK	81	4	0	593	148	0.6	26
YELLOW-POPLAR	81	32	0	7,302	228	8.0	317
<b>TOTALS</b>		683	113	91,512	134	100	3,979

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
HARD MAPLE	1,158	283	8,783	70.5	382	5.1	11.7
RED MAPLE	242	0	2,942	23.6	128	1.7	3.9
YELLOW-POPLAR	0	0	0	0.0	0	0.0	0.0
MISC HW	43	61	466	3.7	20	0.3	0.6
WHITE ASH	0	175	0	0.0	0	0.0	0.0
BLACK CHERRY	19	0	272	2.2	12	0.2	0.4
N. RED OAK	0	0	0	0.0	0	0.0	0.0
WHITE OAK	0	0	0	0.0	0	0.0	0.0
ASH	0	0	0	0.0	0	0.0	0.0
<b>TOTALS</b>	1,463	518	12,462	100	542	7.2	16.6

Total trees less than or equal to 4" dbh to be cut: 1,317

Comments:  
Clear Cut



**PA GAME COMMISSION TIMBER SALE SUMMARY**

SALE NAME Mt Etna  
 BLOCK NO. 8  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 7/6/2016  
 ACRES 17

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
BLACK CHERRY	83	55	5	7,257	132	6.3	427
HARD MAPLE	81	66	1	9,022	137	7.8	531
MISC HW	82	8	2	547	68	0.5	32
MIXED OAK	79	0	0	0	0	0.0	0
N. RED OAK	83	14	0	3,656	261	3.2	215
RED MAPLE	83	179	24	23,350	130	20.2	1,374
WHITE ASH	82	9	43	1,112	124	1.0	65
WHITE OAK	81	0	0	0	0	0.0	0
YELLOW-POPLAR	81	235	3	70,696	301	61.1	4,159
<b>TOTALS</b>		566	78	115,640	204	100	6,803

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
HARD MAPLE	204	21	2,261	39.3	133	1.8	4.1
RED MAPLE	203	0	1,630	28.3	96	1.3	2.9
YELLOW-POPLAR	111	37	1,001	17.4	59	0.8	1.8
MISC HW	71	0	442	7.7	26	0.3	0.8
WHITE ASH	0	23	0	0.0	0	0.0	0.0
BLACK CHERRY	23	0	424	7.4	25	0.3	0.8
N. RED OAK	0	0	0	0.0	0	0.0	0.0
WHITE OAK	0	0	0	0.0	0	0.0	0.0
ASH	0	0	0	0.0	0	0.0	0.0
<b>TOTALS</b>	612	80	5,759	100	339	4.5	10.4

Total trees less than or equal to 4" dbh to be cut: 416

Comments:  
Clear Cut



**PA GAME COMMISSION TIMBER SALE SUMMARY**

SALE NAME Mt Etna  
 BLOCK NO. 9  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

SGL NO. 296  
 FORESTER RMB  
 DATE 8/25/2016  
 ACRES 77

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
BLACK CHERRY	83	54	19	3,861	72	3.5	50
HARD MAPLE	81	234	22	18,565	79	16.9	241
MISC HW	82	82	84	6,072	74	5.5	79
MIXED OAK	79	0	0	0	0	0.0	0
N. RED OAK	83	19	0	3,198	168	2.9	42
RED MAPLE	83	293	77	23,292	79	21.2	302
WHITE ASH	82	43	209	3,804	88	3.5	49
WHITE OAK	81	7	0	852	122	0.8	11
YELLOW-POPLAR	81	273	13	50,088	183	45.6	650
<b>TOTALS</b>		1,005	424	109,732	109	100	1,424

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
HARD MAPLE	1,608	172	12,429	36.0	161	2.2	5.0
RED MAPLE	1,204	115	10,348	30.0	134	1.8	4.1
YELLOW-POPLAR	240	0	2,618	7.6	34	0.5	1.0
MISC HW	830	78	5,985	17.3	78	1.0	2.4
WHITE ASH	171	129	1,470	4.3	19	0.3	0.6
BLACK CHERRY	139	21	1,437	4.2	19	0.2	0.6
N. RED OAK	0	0	0	0.0	0	0.0	0.0
WHITE OAK	21	0	249	0.7	3	0.0	0.1
ASH	0	0	0	0.0	0	0.0	0.0
<b>TOTALS</b>	4,213	516	34,535	100	448	6.0	13.8

Total trees less than or equal to 4" dbh to be cut: 1,422

Comments:  
Shelterwood

**PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE**

SALE NAME Mt Etna  
 BLOCK NO. 9  
 COUNTY Westmoreland  
 TOWNSHIP South Huntingdon

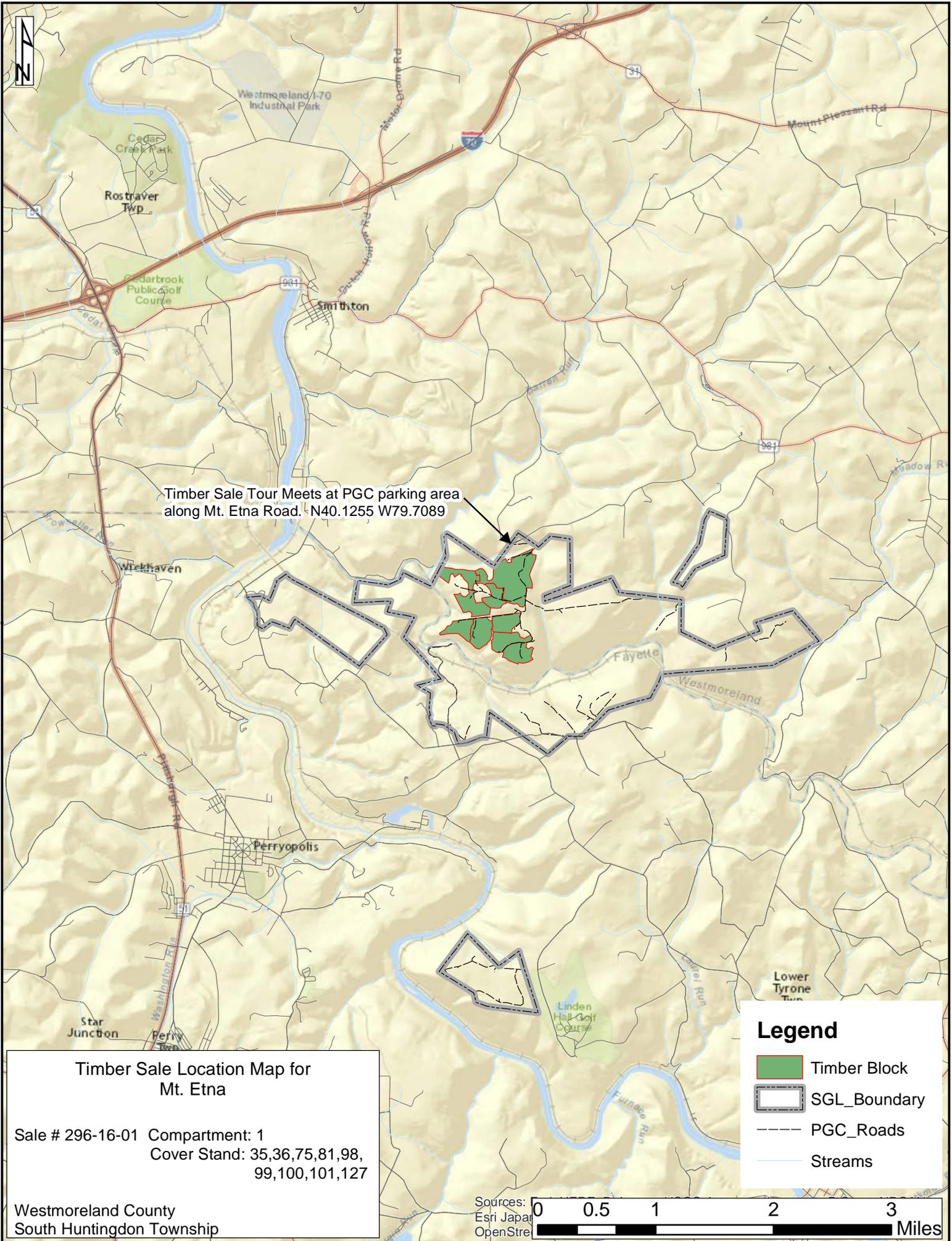
SGL NO. 296  
 FORESTER RMB  
 DATE 8/25/2016  
 ACRES 77

Sawtimber Trees													
SPECIES DBH	BLACK CHERRY	HARD MAPLE	MISC HW	MIXED OAK	N. RED OAK	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR				Total
10"	0	0	0	0	0	0	0	0	0				0
12"	19	108	29	0	7	140	14	1	51				369
14"	19	65	24	0	2	75	6	2	47				240
16"	11	36	14	0	2	39	6	1	44				153
18"	4	12	8	0	1	27	7	0	53				112
20"	1	11	5	0	5	8	7	3	36				76
22"	0	2	1	0	1	2	1	0	20				27
24"	0	0	0	0	0	2	0	0	14				16
26"	0	0	1	0	1	0	0	0	7				9
28"	0	0	0	0	0	0	1	0	0				1
30"	0	0	0	0	0	0	0	0	1				1
32"	0	0	0	0	0	0	0	0	0				0
34"	0	0	0	0	0	0	1	0	0				1
36"	0	0	0	0	0	0	0	0	0				0
38"	0	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0	0				0
<b>Total</b>	<b>54</b>	<b>234</b>	<b>82</b>	<b>0</b>	<b>19</b>	<b>293</b>	<b>43</b>	<b>7</b>	<b>273</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,005</b>

Sawtimber Volume (bdf.)													
DBH	BLACK CHERRY	HARD MAPLE	MISC HW	MIXED OAK	N. RED OAK	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR				Total
10"	0	0	0	0	0	0	0	0	0				0
12"	835	4,533	1,088	0	360	6,107	484	50	2,380				15,837
14"	1,264	4,735	1,666	0	214	5,551	204	168	4,180				17,982
16"	962	4,612	1,089	0	335	4,483	488	136	5,737				17,842
18"	554	1,948	1,143	0	142	4,578	1,041	0	10,211				19,617
20"	246	2,239	493	0	1,355	1,619	1,004	498	9,538				16,992
22"	0	498	273	0	224	532	377	0	7,439				9,343
24"	0	0	0	0	0	422	0	0	5,812				6,234
26"	0	0	320	0	568	0	0	0	4,377				5,265
28"	0	0	0	0	0	0	206	0	0				206
30"	0	0	0	0	0	0	0	0	414				414
32"	0	0	0	0	0	0	0	0	0				0
34"	0	0	0	0	0	0	0	0	0				0
36"	0	0	0	0	0	0	0	0	0				0
38"	0	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0	0				0
<b>Total</b>	<b>3,861</b>	<b>18,565</b>	<b>6,072</b>	<b>0</b>	<b>3,198</b>	<b>23,292</b>	<b>3,804</b>	<b>852</b>	<b>50,088</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>109,732</b>

Pulpwood Trees													
SPECIES DBH	HARD MAPLE	RED MAPLE	YELLOW- POPLAR	MISC HW	WHITE ASH	BLACK CHERRY	N. RED OAK	WHITE OAK	ASH				Total
6"	862	517	0	345	115	57	0	0	0				1,897
8"	420	356	162	259	129	32	0	0	0				1,358
10"	455	310	21	269	41	41	0	21	0				1,159
12"	43	115	57	14	14	29	0	0	0				273
14"	0	21	0	21	0	0	0	0	0				42
16"	0	0	0	0	0	0	0	0	0				0
18"	0	0	0	0	0	0	0	0	0				0
20" +	0	0	0	0	0	0	0	0	0				0
<b>Total</b>	<b>1,781</b>	<b>1,319</b>	<b>240</b>	<b>908</b>	<b>300</b>	<b>160</b>	<b>0</b>	<b>21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,729</b>

Pulpwood Volume (cuft.)													
DBH	HARD MAPLE	RED MAPLE	YELLOW- POPLAR	MISC HW	WHITE ASH	BLACK CHERRY	N. RED OAK	WHITE OAK	ASH				Total
6"	2,132	1,182	0	909	0	183	0	0	0				4,406
8"	3,278	2,180	1,085	1,626	898	229	0	0	0				9,296
10"	6,113	4,002	285	2,710	572	293	0	249	0				14,225
12"	907	2,345	1,248	227	0	730	0	0	0				5,457
14"	0	638	0	513	0	0	0	0	0				1,151
16"	0	0	0	0	0	0	0	0	0				0
18"	0	0	0	0	0	0	0	0	0				0
20" +	0	0	0	0	0	0	0	0	0				0
<b>Total</b>	<b>12,429</b>	<b>10,348</b>	<b>2,618</b>	<b>5,985</b>	<b>1,470</b>	<b>1,437</b>	<b>0</b>	<b>249</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34,535</b>



Timber Sale Tour Meets at PGC parking area along Mt. Etna Road. N40.1255 W79.7089

**Timber Sale Location Map for Mt. Etna**

Sale # 296-16-01    Compartment: 1  
 Cover Stand: 35,36,75,81,98,  
 99,100,101,127

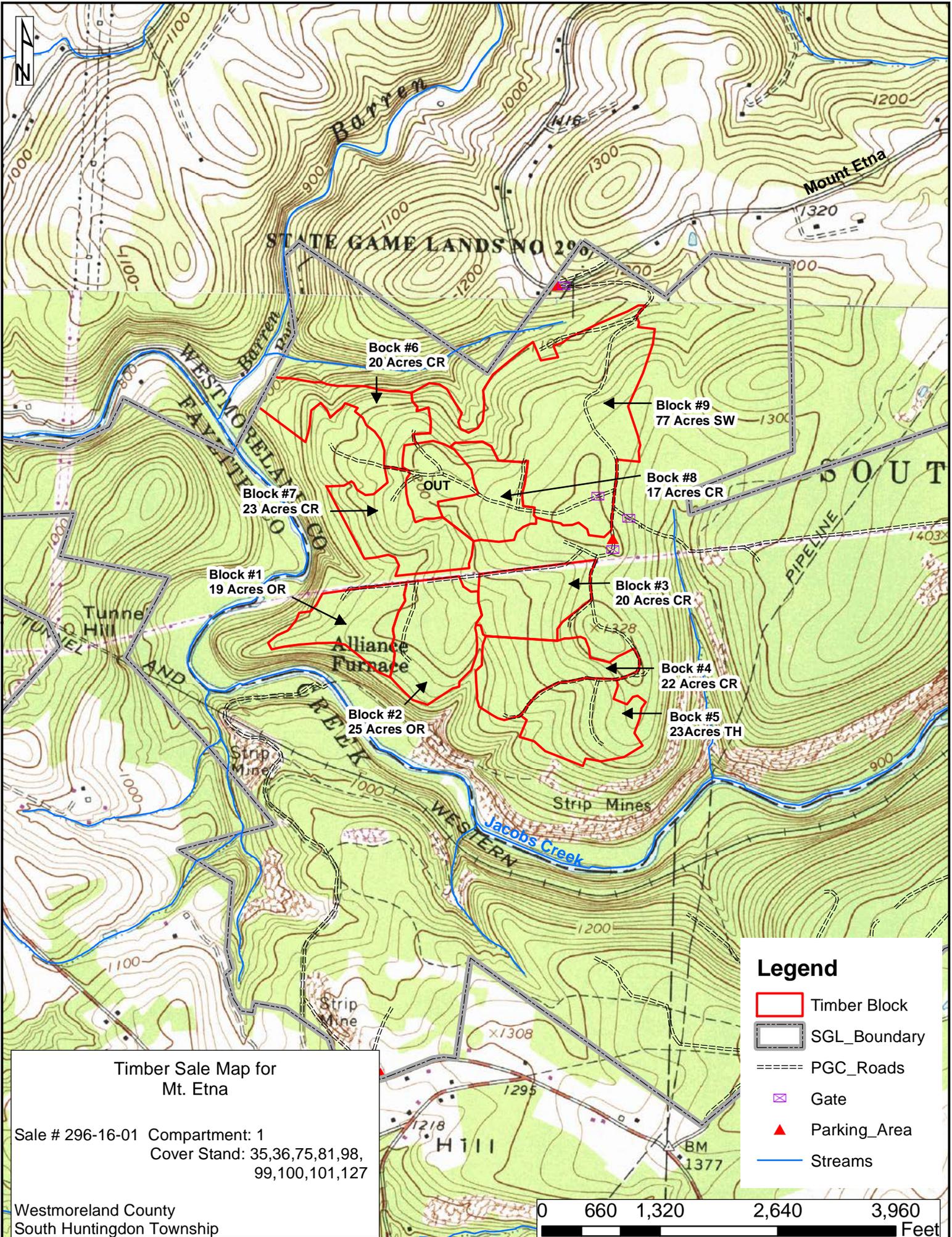
Westmoreland County  
 South Huntingdon Township

**Legend**

- Timber Block
- SGL\_Boundary
- PGC\_Roads
- Streams

Sources: Esri Japan, OpenStre

0    0.5    1    2    3  
 Miles



STATE GAME LANDS NO 200

Mount Etna

Block #6  
20 Acres CR

Block #9  
77 Acres SW

Block #7  
23 Acres CR

Block #8  
17 Acres CR

Block #1  
19 Acres OR

Block #3  
20 Acres CR

Alliance  
Furnace

Block #4  
22 Acres CR

Block #2  
25 Acres OR

Block #5  
23 Acres TH

Strip Mines

**Legend**

- Timber Block
- SGL\_Boundary
- PGC\_Roads
- Gate
- ▲ Parking\_Area
- Streams

**Timber Sale Map for  
Mt. Etna**

Sale # 296-16-01    Compartment: 1  
 Cover Stand: 35,36,75,81,98,  
 99,100,101,127

Westmoreland County  
 South Huntingdon Township

