

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 971,158 board feet of sawlogs and 4,557 tons of pulpwood located on 247 acres of State Game Lands No. 108, Reade Township, Cambria 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 Blocks 3 & 4 (10% of the bid price) is due at contract execution.

It is further understood that an acceptable bond of **\$35,000.00** 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 **October 15, 2026**.

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 #108**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, June 24, 2024**. The Commission reserves the right to reject any and all bids and to award the contract as deemed to its best interests.

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 971,158 board feet of sawlogs and 4,557 tons of pulpwood to be cut from 247 acres of State Game Lands No. 108, Reade Township, Cambria 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 based on their own estimate.

- SHOW DATE -

Timber will be shown to prospective bidders on **Tuesday, June 11, 2024**. Viewers will be met at the **PGC parking area off of State Route 53, Reade Township, Cambria County, PA. GPS coordinates N40.6544960 W78.4803793 at 10:00 a.m.** and conducted to the sale area.

The timber to be sold will be clearly designated by **Neil J. Itle, 4820 Route 711, Bolivar, PA 15923**, telephone: 1-814-227-5019 or 1-833-PGC-HUNT ext. 20218, 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 #108**. 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, June 24, 2024**, 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 **\$35,000.00** 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 **October 15, 2026**.

- PAYMENTS -

1. Total payment when agreement is signed.
or
2. Payment by individual block or blocks. Payment for Block 3 & 4 (10% of the bid price) is due at contract execution.

1 – 5% - 19 acres
2 – 7% - 37 acres
3 – 5% - 35 acres
4 – 5 % - 4 acres
5 – 9% - 14 acres
6 – 7% - 12 acres

7 – 9% - 14 acres
8 – 12% - 17 acres
9 – 12% - 16 acres
10 – 17% - 20 acres
11 – 12% - 60 acres

Final payment is due no later than 120 days before the expiration of the Agreement.

- 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 7 Attached Sheets.

SPECIAL PROVISIONS FOR THE “KEYSTONE TIMBER SALE”

S.G.L. # 108 T.S. # 108-2023-01

1) ADMINISTRATIVE ITEMS

- a) All contractors, subcontractors and consultants of the Buyer must be pre-approved by the Commission. The Commission reserves the right to reject any subcontractor at its sole discretion. If Contractor enters into any subcontract(s) not previously approved by the Commission, the Commission shall have the right to require the Contractor to terminate such contracts.
- b) This 247-acre timber sale consists of 91 acres of shelterwood harvest (Blocks 1, 2, and 3), 64 acres of clearcut with residuals (Blocks 4 and 11) and 92 acres of overstory removal (Blocks 5, 6, 7,8,9 and 10).
- c) Saw timber volumes were determined by a 100% tally. Pulp wood tonnage in Blocks 1-4 and 11 was determined by a 10 BAF prism plot cruise with (90% C.I.). All trees are tallied in 2-inch diameter classes.
- d) 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 ensure 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 for more information, visit www.paonecall.org
- e) Operator must comply with the erosion and sedimentation control plan for the area, update the plan with control measures implemented as logging progresses, and always maintain an updated copy on-site.
- f) If site conditions in the woods (for felling, skidding, or trucking) or the use of the haul road become too wet, muddy or ice covered and could or will cause damage to the property, all phases of the job will be suspended until working conditions are favorable. The Regional Forester will make the final decision in this matter.
- g) If bats are observed within or fleeing from a felled tree, or if dead bats(s) are found, tree felling activities will cease and the PGC staff must be contacted. This may result in a no tree felling restriction from June 1st to July 31st.
- h) The timber rattlesnake is threatened by habitat loss/alteration, wanton killing, and poaching. Workers responsible for implementing this project should be advised that timber rattlesnakes may be encountered, and that avoidance is the best means of minimizing risks to personal safety. It is suggested that safety protocols be implemented for timber rattlesnake encounters and workers should be advised that the timber rattlesnake is a state protected species and is not to be harmed. Killing of timber rattlesnakes is prohibited by the Commission pursuant to 58 Pa. Code Section 79.6.
- i) The contractor shall provide the Regional Forester or his designee with at least 3 days notice prior to moving equipment on-site in anticipation of start-up.
- j) No permanent paint may be used by bidder for marking/cruising this timber sale area.

- k) Whole tree harvesting is permitted in blocks 4 and 11 only.
- l) **Payment for Blocks 3 & 4 (10% of the bid price) is due on the execution of the contract and must be completed by June 30, 2025. Blocks 1 & 2 must be completed by June 30, 2026.**
- m) Final payment is due no later than 120 days before the expiration of the Agreement.

2) BOUNDARIES, BLOCKS, AND CUTTING INSTRUCTIONS

- a) The sale consists of eleven (11) cutting blocks. The sale boundary is delineated with **BLUE**-marked trees with 2 slashes. Corners are marked with 3 slashes. All **RED** slashed trees in **ALL** Blocks shall be reserved. All **BLUE** boundary trees shall remain standing.
- b) Reserve trees are marked with a single **RED** slash (Blocks 1-4 and 11) or a single **BLUE** slash (Blocks 5-10). 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) All live trees 1-inch dbh and larger must be felled within cutting Blocks 1-4 and 11 except for designated reserve trees. Hawthorn and apple trees are to be reserved when possible.
- d) All live trees 6-inch dbh and larger must be felled within cutting Blocks 5-10 except for designated reserve trees. Hawthorn and apple trees are to be reserved when possible.
- e) All merchantable spruce, pine and aspen from Blocks 4 & 11 must be removed.
- f) 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.
- g) 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.
- h) 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.
- i) All stumps must be cut lower than 12" from the ground. Exceptions will be granted for multiple bole sawtimber trees and root balls returning to original position.
- j) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.
- k) No fuel wood cutting by individuals other than the operator and employees will be permitted.

3) US / STATE / LOCAL ROADS

- a) Operator may contact Lana DeLattre, Penn DOT District 9-0, Cambria County at 814-696-7262 for permitting and/or bonding information for any State Roads to be used. For additional information go to <http://www.papostedroads.pa.gov/>

4) GAME LAND ROADS TO BUILD / IMPROVE

- a) The main existing PGC administrative stone road, approximately (11,400') from SR 53 to the most eastern boundary of Block 11 will be kept in excellent condition throughout the duration of use and damage repaired as it occurs. **The operator is responsible for any haul road upgrades prior to, during, hauling and at the conclusion of use.**
- b) Upon conclusion of use, the operator will scarify or excavate potholes and ruts as required and re-grade damaged sections of roadway to **restore it to its previous condition.** If severely damaged, the road will be graded to a 16-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, rolled with a vibratory road roller to further compact and shape the road. At the operator's expense, areas of the roadway that need additional upgrades will be tailgated with **#2A Coarse Aggregate (limestone)** and compacted with a 10-ton (minimum) single smooth drum vibratory roller at the discretion of the Regional Forester or designee.
- c) The operator will supply and apply **200 tons of #2A Coarse Aggregate (limestone)** for top dressing areas of the PGC administrative Road as directed by the Regional Forester of designee.

Blocks 5 & 10

- a) Prior to hauling the existing PGC administrative road, approximately 1,760 feet from the main PGC administrative stone road parking area to the landing for Blocks 5 & 10 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, crowned to drain all water into the ditches and tailgated with **360 tons of 3A (limestone)** quarry stone to create the road base 4 inches thick. The operator must then use a vibratory road roller to further compact and shape the stone after application. Once the base is compacted, it will be tailgated with **300 tons of 3A modified course aggregate (limestone)** quarry stone for a top coat approximately 3 inches thick. The operator will again use a vibratory road roller to further compact and shape the stone after application. The operator is responsible for any haul road upgrades prior to, and during, hauling.
- b) Upon conclusion of use, the road 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, rolled with a vibratory road roller to further compact and shape the road. Immediately following road improvement work, any disturbed areas outside of the road surface must be treated according to specifications outlined in Section 7, Seeding of Roadways and Landings while the soil is freshly disturbed.

The Regional Forester or designee must be present during final grading and stone application. Weigh slips will be required.

5) **LANDINGS**

- a) All landings are to be approved by the Regional Forester or designee. An existing landing may be used for all blocks.
- 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) At the conclusion of the sale, all stumps and debris must be removed and scattered singly into the surrounding woods, 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.
- e) **All excessive logging debris on the landings is to be removed from the game lands by the operator at the conclusion of the sale.**

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) Wet areas should be avoided when skidding.
- e) If skid trails are to sit idle for one month or longer, they will be leveled and have water bars added.
- f) Through 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.
- g) Upon conclusion of use, skid roads will be cleared of all debris, graded rut free, and positively drained with water-bars and cut-outs. Sections of skid roads that are considered erodible 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 and any Sundays open to hunting.
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.

6. **March 1 thru April 15 (spring break-up)**

*Any variance from the Non-Work Days must have advanced approval from 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) The Contractor is responsible for the control and collection of fluids leaking from any equipment used on the site. The Contractor must have a spill containment and cleanup kit appropriate for the equipment being used. At a minimum, the kit will contain plugs and clamps to control hydraulic line breaks, a container to collect leaking fluids, fluid absorbent pads and a shovel. Operating any equipment noticeably leaking fluids is prohibited. The Contractor must collect, and control fluids leaking from any equipment and dispose of properly.

- d) **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) SAFETY AND LOGGER TRAINING

- a) 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).
- b) 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 or another similar course

10) MISCELLANEOUS

- a) The operator is responsible for any additional haul road upgrades prior to and during hauling, and at the conclusion of use.
- b) A copy of weigh slips will be provided to the Regional Forester for all specified quarry stone.
- c) Gates are always to be kept closed and locked except when the contractor is present on the site.
- d) Damage to existing infrastructure (roads, culverts, gates, trails, herbaceous areas) will be the repaired by the contractor. The need for any repair will be determined by the Regional Forester or designee prior to the conclusion of the project.
- e) If contractor's operation involves on-site chipping, the contractor shall remove all chipping debris from the Game Lands prior to final grading and seeding of log landings.
- f) To minimize the spread of invasive plants, all earth-moving and logging equipment (bulldozers, mechanical fellers, skidders, loaders, chippers, etc.) should be thoroughly cleaned prior to entering the State Game Lands (SGL).
- g) Violation of contract provisions by the operator may subject the operator or their employees or contractors to fines based on Title 58 regulations.
- h) Operator will supply all employees working on this site with a map and copy of the sale provisions.

11) 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. 108
Keystone 108-2023-01**

TIMBER SALE COST ESTIMATE

EXISTING HAUL ROADS

Machine/Labor	\$5,000.00
200 Tons 2A Modified Coarse Aggregate	\$5,000.00
360 Tons #3A	\$9,000.00
300 Tons 3A Modified Coarse Aggregate	\$7,500.00
	<hr/> \$26,500.00

LANDINGS

Machine/Labor	\$2,600.00
Seed & Straw Mulch	\$2,250.00
	<hr/> \$4,850.00

SKID ROADS

Machine/Labor	\$2,600.00
	<hr/> \$2,600.00

TOTAL COST ESTIMATE

\$33,950.00

Estimates based on a 10 hour day

Excavator \$1100/day, Dozer \$1300/day, Vibratory Roller \$800/day

*Stone- \$25.00/ton **delivered*

Seed, lime, fertilizer, straw mulch \$750/acre

All 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.

Report For Keystone

Sale Name:	Keystone	SGL Number:	108
Forester:	Karlheim	Report Date:	05/01/2024
Blocks Numbers in Sale:	1,2,3,4,5,6,7,8,9,10,11	Acres:	247.6
County:	Cambria	Township:	READE,Reade

The Pennsylvania Game Commission SGL #108 - Keystone Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Sale Summary by Harvest Block														
Block Number	Area		Harvest Type	Sawtimber				Pulpwood				Culls		
	Acres	% of Sale		Method	BDFT	Per Acre	% of Sale	Method	Tons	Per Acre	% of Sale	2 - 4"	6 - 10"	12 +"
1	19	8%	Shelterwood	100% Tally	46,894	2,420	5%	BAF 10 Plot	498	26	11%	1,286	0	8
2	37	15%	Shelterwood	100% Tally	71,180	1,921	7%	BAF 10 Plot	821	22	18%	2,012	0	29
3	35	14%	Shelterwood	100% Tally	50,999	1,455	5%	BAF 10 Plot	475	14	10%	760	0	31
4	4	2%	Clearcut with Reserves	100% Tally	49,979	11,952	5%	BAF 10 Plot	39	9	1%	0	0	1
5	14	5%	Overstory Removal	100% Tally	82,644	6,111	9%	BAF 10 Plot	0	0	0%	0	0	9
6	12	5%	Overstory Removal	100% Tally	66,295	5,398	7%	BAF 10 Plot	0	0	0%	0	0	2
7	14	6%	Overstory Removal	100% Tally	89,089	6,254	9%	BAF 10 Plot	0	0	0%	0	0	4
8	17	7%	Overstory Removal	100% Tally	117,966	7,074	12%	BAF 10 Plot	0	0	0%	0	0	5
9	16	7%	Overstory Removal	100% Tally	116,491	7,239	12%	BAF 10 Plot	185	12	4%	115	0	6
10	20	8%	Overstory Removal	100% Tally	163,790	8,398	17%	BAF 10 Plot	291	15	6%	0	0	6
11	60	24%	Clearcut with Reserves	100% Tally	115,831	1,944	12%	BAF 10 Plot	2,247	38	49%	0	0	25
Total	248	100%			971,158		100%		4,557	18.4	100%	4,172		126

Pulpwood was sampled in block(s) 1, 2, 3, 4, 9, 10, 11 with a precision of +/- 8.4% (90% C.I.)

The Pennsylvania Game Commission SGL #108 - Keystone Timbersale Scribner Rule (BDFE) - All Volumes are Estimates

Block All - 248 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	0	0	284	31,579	307	49,853	377	84,149	333	92,626	255	88,181	175	70,525	102	47,494	34	17,988	38	25,936	1,905	508,330	267	757	227
Red Maple	1	54	197	17,391	147	20,125	79	14,627	45	10,352	20	6,402	11	3,884	4	1,898	0	0	1	505	505	75,239	149	3,984	1,079
Sugar Maple	1	51	203	15,491	160	18,685	62	10,517	52	10,411	17	4,691	4	1,121	1	424	0	0	0	0	500	61,393	123	3,567	905
White Oak	0	0	47	3,852	48	6,669	70	14,104	35	9,365	25	7,453	21	7,882	5	1,761	4	2,262	1	764	256	54,113	211	121	58
Chestnut Oak	0	0	92	9,278	81	12,252	58	11,817	33	8,595	20	6,255	5	1,806	2	932	0	0	0	0	291	50,936	175	374	157
Norway Spruce	0	0	44	3,947	50	7,763	31	7,104	22	6,863	12	4,395	13	6,842	6	2,950	0	0	0	0	178	39,863	224	70	16
Hickories	0	0	88	8,826	97	14,704	41	8,312	15	3,785	3	964	2	664	1	290	0	0	0	0	247	37,545	152	1,142	216
Black Cherry	0	0	99	8,322	83	9,933	47	7,443	28	6,337	10	2,649	5	1,440	2	639	0	0	0	0	274	36,762	134	990	416
Cucumbertree	0	0	29	2,662	29	4,296	33	7,298	20	5,818	10	3,098	6	2,837	0	0	1	631	0	0	128	26,640	208	266	75
Yellow-poplar	0	0	13	1,344	14	1,993	15	2,849	17	4,789	9	3,242	13	5,230	12	6,312	0	0	1	550	94	26,309	280	147	64
Black Locust	0	0	71	5,289	58	6,181	29	4,582	10	1,849	3	598	3	914	0	0	0	0	0	0	174	19,412	112	937	242
American Basswood	0	0	29	2,080	26	3,338	19	3,666	10	2,403	9	2,594	0	0	0	0	0	0	0	0	93	14,081	151	180	49
White Pine	0	0	9	671	11	1,389	8	1,154	3	660	1	344	2	671	0	0	0	0	0	0	34	4,888	144	55	16
Sweet Birch	0	0	25	2,071	14	1,843	4	652	0	0	0	0	0	0	0	0	0	0	0	0	43	4,565	106	972	216
Red Pine	0	0	28	2,668	6	900	1	173	0	0	0	0	0	0	0	0	0	0	0	0	35	3,742	107	597	239
American Beech	0	0	5	387	8	1,220	4	805	0	0	0	0	1	286	0	0	0	0	0	0	18	2,698	150	562	134
Black Oak	0	0	2	222	4	519	2	410	2	526	0	0	1	528	1	424	0	0	0	0	12	2,631	219	0	0
White Ash	0	0	3	297	0	0	1	274	0	0	1	374	0	0	0	0	0	0	0	0	5	945	189	0	0
Black Gum	0	0	2	116	2	292	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	408	102	147	18
Elm	0	0	5	353	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	353	71	187	33
Yellow Birch	0	0	1	77	0	0	1	139	0	0	0	0	0	0	0	0	0	0	0	0	2	217	108	18	7
Eastern Hemlock	0	0	2	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	87	44	0	0
Aspen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	620	393
Total	2	105	1,278	117,012	1,145	161,955	882	180,077	625	164,378	395	131,240	262	104,630	136	63,124	39	20,881	41	27,755	4,805	971,158	202	15,692	4,557

The Pennsylvania Game Commission SGL #108 - Keystone Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 1 - 19 acres																											
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood			
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Red Maple	1	54	67	6,187	47	6,670	20	3,731	9	2,008	3	1,000	3	1,006	0	0	0	0	0	0	0	0	150	20,655	138	1,047	290
Sugar Maple	0	0	15	1,252	16	2,240	5	957	3	808	1	292	0	0	0	0	0	0	0	0	0	40	5,548	139	424	102	
Yellow-poplar	0	0	4	459	6	957	3	595	3	974	2	751	1	499	2	1,009	0	0	0	0	0	21	5,245	250	0	0	
N. Red Oak	0	0	7	707	6	800	5	963	3	742	3	917	2	749	0	0	0	0	0	0	0	26	4,877	188	0	0	
White Oak	0	0	11	894	8	997	5	913	0	0	0	0	0	0	0	0	0	0	0	0	24	2,803	117	0	0		
American Beech	0	0	2	167	4	651	2	504	0	0	0	0	1	286	0	0	0	0	0	0	9	1,608	179	166	47		
Sweet Birch	0	0	8	737	4	530	1	188	0	0	0	0	0	0	0	0	0	0	0	0	13	1,456	112	136	30		
Black Cherry	0	0	1	106	2	289	0	0	3	857	0	0	0	0	0	0	0	0	0	0	6	1,252	209	0	0		
Chestnut Oak	0	0	3	217	1	101	2	353	0	0	1	354	0	0	0	0	0	0	0	0	7	1,024	146	32	17		
Hickories	0	0	6	468	2	322	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	791	99	29	5		
Cucumbertree	0	0	1	75	0	0	0	0	2	469	0	0	0	0	0	0	0	0	0	0	3	544	181	0	0		
Black Locust	0	0	1	95	1	131	0	0	1	222	0	0	0	0	0	0	0	0	0	0	3	447	149	0	0		
White Ash	0	0	1	49	0	0	1	274	0	0	0	0	0	0	0	0	0	0	0	0	2	323	161	0	0		
American Basswood	0	0	1	71	1	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	232	116	29	7		
Eastern Hemlock	0	0	2	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	87	44	0	0		
Total	1	54	130	11,572	98	13,849	44	8,477	24	6,079	10	3,313	7	2,540	2	1,009					316	46,894	148	1,863	498		

The Pennsylvania Game Commission SGL #108 - Keystone Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 2 - 37 acres																											
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood			
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons		
Sugar Maple	0	0	88	6,712	62	6,797	13	2,090	19	3,444	3	869	1	154	0	0	0	0	0	0	0	0	186	20,066	108	1,837	452
N. Red Oak	0	0	20	1,820	27	3,686	15	2,798	16	3,800	13	3,489	4	1,490	2	647	1	380	0	0	98	18,109	185	92	27		
Red Maple	0	0	34	2,867	28	3,632	13	2,264	5	1,105	1	308	3	918	0	0	0	0	1	505	85	11,599	136	582	192		
American Basswood	0	0	24	1,589	11	1,298	8	1,416	3	719	2	545	0	0	0	0	0	0	0	0	48	5,567	116	78	13		
Cucumbertree	0	0	6	468	5	747	8	1,764	2	583	0	0	0	0	0	0	0	0	0	0	21	3,562	170	40	18		
Yellow-poplar	0	0	0	0	1	131	1	214	1	222	0	0	1	244	3	1,506	0	0	1	550	8	2,866	358	18	10		
Black Cherry	0	0	5	365	6	610	3	522	2	293	1	308	1	162	0	0	0	0	0	0	18	2,259	125	0	0		
White Oak	0	0	5	321	4	555	5	822	0	0	0	0	0	0	1	307	0	0	0	0	15	2,004	134	18	7		
Chestnut Oak	0	0	12	886	3	329	1	132	1	168	1	207	0	0	0	0	0	0	0	0	18	1,722	96	0	0		
Hickories	0	0	3	260	7	911	1	128	0	0	0	0	0	0	0	0	0	0	0	0	11	1,299	118	117	17		
American Beech	0	0	2	136	1	154	2	301	0	0	0	0	0	0	0	0	0	0	0	0	5	592	118	158	38		
White Ash	0	0	1	103	0	0	0	0	0	0	1	374	0	0	0	0	0	0	0	0	2	477	239	0	0		
Sweet Birch	0	0	1	77	3	355	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	432	108	78	14		
Black Locust	0	0	1	71	0	0	0	0	1	222	0	0	0	0	0	0	0	0	0	0	2	293	146	18	5		
Yellow Birch	0	0	1	77	0	0	1	139	0	0	0	0	0	0	0	0	0	0	0	0	2	217	108	18	7		
Elm	0	0	1	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	71	71	40	10		
Black Gum	0	0	1	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	45	45	99	12		
Total			205	15,868	158	19,205	71	12,592	50	10,554	22	6,099	10	2,968	6	2,460	1	380	2	1,055	525	71,180	136	3,192	821		

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Block 3 - 35 acres																											
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood			
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Sugar Maple	0	0	64	4,640	48	5,250	22	3,412	18	3,391	6	1,665	0	0	0	0	0	0	0	0	0	0	158	18,358	116	666	208
Black Cherry	0	0	10	785	9	1,194	7	1,099	3	802	3	668	3	1,006	0	0	0	0	0	0	0	35	5,554	159	185	43	
Red Maple	0	0	7	608	8	981	6	910	7	1,191	3	917	0	0	0	0	0	0	0	0	31	4,605	149	331	68		
Hickories	0	0	18	1,394	11	1,462	4	648	3	547	0	0	0	0	1	290	0	0	0	0	37	4,341	117	215	56		
Black Locust	0	0	4	331	5	522	7	1,119	2	384	3	598	2	671	0	0	0	0	0	0	23	3,625	158	12	6		
N. Red Oak	0	0	10	869	3	357	0	0	4	984	2	449	1	374	1	448	0	0	0	0	21	3,482	166	124	16		
American Basswood	0	0	0	0	5	682	4	689	5	990	4	1,085	0	0	0	0	0	0	0	18	3,447	191	17	8			
White Oak	0	0	7	518	10	1,274	3	499	1	172	2	341	0	0	0	0	0	0	0	23	2,804	122	0	0			
Cucumbertree	0	0	5	475	2	309	4	864	1	344	1	292	0	0	0	0	0	0	0	13	2,284	176	0	0			
White Pine	0	0	5	350	5	519	4	648	1	276	0	0	0	0	0	0	0	0	0	15	1,793	120	0	0			
American Beech	0	0	0	0	2	261	0	0	0	0	0	0	0	0	0	0	0	0	0	2	261	131	66	15			
Chestnut Oak	0	0	2	170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	170	85	0	0			
Yellow-poplar	0	0	0	0	1	131	0	0	0	0	0	0	0	0	0	0	0	0	0	1	131	131	0	0			
Elm	0	0	1	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	95	95	147	23			
Sweet Birch	0	0	1	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	49	49	0	0			
Aspen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	33		
Total			134	10,284	109	12,942	61	9,889	45	9,081	24	6,014	6	2,051	2	738					381	50,999	134	1,813	475		

The Pennsylvania Game Commission SGL #108 - Keystone Timbersale Scribner Rule (BDFE) - All Volumes are Estimates

Block 4 - 4 acres																											
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood			
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons		
Norway Spruce	0	0	44	3,947	50	7,763	31	7,104	22	6,863	12	4,395	13	6,842	6	2,950	0	0	0	0	0	0	178	39,863	224	70	16
White Pine	0	0	4	321	6	870	4	505	2	384	1	344	2	671	0	0	0	0	0	0	0	0	19	3,096	163	50	7
Black Cherry	0	0	2	185	6	803	7	1,044	1	247	1	308	1	272	1	191	0	0	0	0	0	0	19	3,050	161	0	0
Red Maple	0	0	3	264	2	215	0	0	2	615	0	0	0	0	0	0	0	0	0	0	0	0	7	1,094	156	13	3
Sugar Maple	0	0	4	375	0	0	1	136	1	105	2	420	0	0	0	0	0	0	0	0	0	0	8	1,036	130	12	8
Hickories	0	0	3	260	3	390	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	650	108	24	3
American Basswood	0	0	1	95	0	0	1	252	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	346	173	0	0
Black Locust	0	0	0	0	0	0	0	0	1	276	0	0	0	0	0	0	0	0	0	0	0	0	1	276	276	0	0
N. Red Oak	0	0	0	0	0	0	1	194	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	194	194	0	0
Red Pine	0	0	0	0	1	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	161	161	0	0
White Oak	0	0	0	0	0	0	1	136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	136	136	0	0
Sweet Birch	0	0	1	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	77	77	0	0
Cucumbertree	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	3
Total			62	5,524	68	10,202	46	9,371	29	8,490	16	5,467	16	7,784	7	3,141							244	49,979	205	183	39

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Block 5 - 14 acres																									
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	0	0	10	1,141	28	4,687	46	11,343	37	10,726	30	11,095	18	8,335	8	4,134	7	3,821	8	5,575	192	60,857	317	0	0
White Oak	0	0	5	426	5	789	5	1,131	10	2,776	0	0	4	1,503	0	0	1	631	0	0	30	7,255	242	0	0
Chestnut Oak	0	0	4	449	5	767	5	1,092	4	1,129	2	703	1	345	0	0	0	0	0	0	21	4,485	214	0	0
Red Maple	0	0	5	514	9	1,407	1	194	3	923	3	974	0	0	0	0	0	0	0	0	21	4,011	191	0	0
Sugar Maple	0	0	0	0	7	1,098	4	821	3	979	0	0	0	0	0	0	0	0	0	0	14	2,898	207	0	0
Cucumbertree	0	0	1	100	0	0	1	266	1	344	1	292	1	528	0	0	0	0	0	0	5	1,530	306	0	0
Hickories	0	0	1	45	3	420	2	466	0	0	0	0	0	0	0	0	0	0	0	0	6	931	155	0	0
American Basswood	0	0	1	95	1	161	1	173	0	0	0	0	0	0	0	0	0	0	0	0	3	429	143	0	0
Black Cherry	0	0	0	0	0	0	0	0	1	247	0	0	0	0	0	0	0	0	0	0	1	247	247	0	0
Total			27	2,768	58	9,330	65	15,486	59	17,124	36	13,064	24	10,711	8	4,134	8	4,452	8	5,575	293	82,644	282		

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Block 6 - 12 acres																									
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	0	0	6	672	18	3,187	32	7,178	19	5,873	25	9,781	23	9,328	6	3,479	2	1,055	7	5,885	138	46,438	337	0	0
White Oak	0	0	1	75	4	707	11	2,567	5	1,448	2	795	4	1,503	0	0	0	0	0	0	27	7,096	263	0	0
Red Maple	0	0	6	628	8	1,200	4	866	3	802	0	0	0	0	0	0	0	0	0	0	21	3,496	166	0	0
Hickories	0	0	2	268	8	1,256	4	966	0	0	0	0	0	0	0	0	0	0	0	0	14	2,490	178	0	0
Chestnut Oak	0	0	0	0	5	767	1	221	2	664	1	207	0	0	1	519	0	0	0	0	10	2,378	238	0	0
Sugar Maple	1	51	3	273	3	480	4	730	0	0	1	364	0	0	0	0	0	0	0	0	12	1,897	158	0	0
Yellow-poplar	0	0	0	0	0	0	0	0	1	325	1	465	1	244	0	0	0	0	0	0	3	1,033	344	0	0
American Basswood	0	0	0	0	1	161	0	0	1	325	1	344	0	0	0	0	0	0	0	0	3	830	277	0	0
Cucumbertree	0	0	0	0	0	0	0	0	0	0	0	1	528	0	0	0	0	0	0	0	1	528	528	0	0
Black Cherry	0	0	0	0	1	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	109	109	0	0
Total	1	51	18	1,915	48	7,868	56	12,528	31	9,436	31	11,956	29	11,603	7	3,998	2	1,055	7	5,885	230	66,295	288		

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Block 7 - 14 acres																									
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	0	0	0	0	6	1,072	18	3,980	42	11,514	33	11,763	30	12,754	22	10,625	10	5,829	5	3,437	166	60,974	367	0	0
Red Maple	0	0	2	159	8	1,358	8	1,636	5	1,095	2	609	3	1,218	1	563	0	0	0	0	29	6,638	229	0	0
Cucumbertree	0	0	3	250	4	647	5	1,253	5	1,614	2	795	2	890	0	0	0	0	0	0	21	5,450	260	0	0
Sugar Maple	0	0	8	651	15	1,717	7	1,371	4	870	2	577	1	258	0	0	0	0	0	0	37	5,445	147	0	0
White Oak	0	0	1	48	2	341	7	1,402	3	818	2	583	2	800	0	0	0	0	0	0	17	3,992	235	0	0
Hickories	0	0	3	260	6	927	5	1,110	1	325	0	0	0	0	0	0	0	0	0	0	15	2,622	175	0	0
Yellow-poplar	0	0	0	0	0	0	1	252	0	0	0	0	3	1,176	1	600	0	0	0	0	5	2,029	406	0	0
Chestnut Oak	0	0	1	97	0	0	3	662	1	334	0	0	0	0	0	0	0	0	0	0	5	1,094	219	0	0
Black Cherry	0	0	0	0	1	146	0	0	0	0	1	308	0	0	0	0	0	0	0	0	2	454	227	0	0
Black Locust	0	0	1	95	0	0	1	214	0	0	0	0	0	0	0	0	0	0	0	0	2	309	155	0	0
American Beech	0	0	1	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	83	83	0	0
Total			20	1,643	42	6,209	55	11,881	61	16,570	42	14,635	41	17,096	24	11,789	10	5,829	5	3,437	300	89,089	297		

The Pennsylvania Game Commission
SGL #108 - Keystone Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block 8 - 17 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	0	0	11	1,173	23	3,683	46	10,023	36	10,764	44	14,641	34	13,095	32	13,887	6	2,870	7	4,555	239	74,692	313	0	0
White Oak	0	0	2	200	4	519	17	3,411	11	2,864	14	4,282	9	3,367	1	534	3	1,631	1	764	62	17,573	283	0	0
Chestnut Oak	0	0	7	824	13	1,936	14	2,939	12	3,064	7	2,185	1	433	0	0	0	0	0	0	54	11,381	211	0	0
Hickories	0	0	0	0	8	1,370	4	772	2	650	3	964	0	0	0	0	0	0	0	0	17	3,755	221	0	0
Red Maple	0	0	3	206	6	759	4	623	0	0	3	1,000	0	0	2	1,011	0	0	0	0	18	3,599	200	0	0
Cucumbertree	0	0	0	0	3	448	5	1,131	1	234	1	292	1	445	0	0	0	0	0	0	11	2,550	232	0	0
Black Oak	0	0	1	122	1	139	1	227	0	0	0	0	1	528	1	424	0	0	0	0	5	1,440	288	0	0
Yellow-poplar	0	0	3	260	0	0	0	0	1	276	0	0	1	499	1	401	0	0	0	0	6	1,436	239	0	0
Sugar Maple	0	0	2	175	3	377	1	227	0	0	0	0	0	0	0	0	0	0	0	0	6	780	130	0	0
Black Locust	0	0	0	0	0	0	2	347	0	0	0	0	0	0	0	0	0	0	0	0	2	347	173	0	0
Sweet Birch	0	0	0	0	0	0	1	188	0	0	0	0	0	0	0	0	0	0	0	0	1	188	188	0	0
American Basswood	0	0	1	115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	115	115	0	0
Black Cherry	0	0	0	0	1	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	109	109	0	0
Total			30	3,076	62	9,340	95	19,888	63	17,852	72	23,363	47	18,368	37	16,257	9	4,501	8	5,320	423	117,966	279		

The Pennsylvania Game Commission SGL #108 - Keystone Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 9 - 16 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees
N. Red Oak	0	0	45	4,908	53	8,631	48	10,340	59	16,316	42	14,397	25	9,096	15	6,442	3	1,287	5	2,270	295	73,688	250	113	35	
Chestnut Oak	0	0	23	2,338	29	4,480	19	3,886	9	2,158	4	1,329	0	0	0	0	0	0	0	0	84	14,191	169	125	46	
Hickories	0	0	18	1,922	23	3,316	12	2,476	3	665	0	0	0	0	0	0	0	0	0	0	56	8,379	150	157	40	
White Oak	0	0	2	150	5	658	11	2,219	3	760	3	869	2	710	2	613	0	0	0	0	28	5,980	214	50	23	
Cucumbertree	0	0	6	620	6	988	3	799	6	1,824	1	364	0	0	0	0	0	0	0	0	22	4,595	209	80	11	
Red Maple	0	0	9	764	5	762	3	568	5	1,347	2	532	1	272	0	0	0	0	0	0	25	4,243	170	18	8	
Yellow-poplar	0	0	1	71	0	0	1	252	1	276	1	407	1	499	3	1,690	0	0	0	0	8	3,195	399	0	0	
Black Oak	0	0	1	100	2	242	1	183	2	526	0	0	0	0	0	0	0	0	0	0	6	1,052	175	0	0	
Sugar Maple	0	0	2	175	1	139	0	0	1	172	0	0	0	0	0	0	0	0	0	0	4	486	122	80	14	
Black Cherry	0	0	1	79	0	0	0	0	1	308	0	0	0	0	0	0	0	0	0	0	2	387	193	0	0	
American Beech	0	0	0	0	1	154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	154	154	13	9	
Sweet Birch	0	0	0	0	1	142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	142	142	0	0	
Total			108	11,128	126	19,512	98	20,723	90	24,350	53	17,898	29	10,577	20	8,745	3	1,287	5	2,270	532	116,491	219	636	185	

The Pennsylvania Game Commission SGL #108 - Keystone Timbersale Scribner Rule (BDFE) - All Volumes are Estimates

Block 10 - 20 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees
N. Red Oak	0	0	156	18,712	128	21,798	148	33,817	97	26,560	43	15,606	29	11,465	9	4,599	3	1,987	2	1,228	615	135,773	221	148	83	
Chestnut Oak	0	0	37	4,058	22	3,436	8	1,611	3	795	2	567	2	778	0	0	0	0	0	0	74	11,245	152	153	85	
Hickories	0	0	28	3,342	20	3,486	4	883	2	497	0	0	0	0	0	0	0	0	0	0	54	8,209	152	290	50	
Red Maple	0	0	8	763	3	439	6	1,194	1	247	1	455	0	0	0	0	0	0	0	0	19	3,098	163	147	58	
American Basswood	0	0	1	115	2	292	3	710	1	369	0	0	0	0	0	0	0	0	0	0	7	1,487	212	0	0	
White Oak	0	0	8	770	1	171	1	227	1	234	0	0	0	0	0	0	0	0	0	0	11	1,402	127	13	8	
Cucumbertree	0	0	2	300	1	224	1	227	0	0	0	0	0	0	0	0	0	0	0	0	4	751	188	0	0	
Yellow-poplar	0	0	0	0	0	0	0	0	1	276	0	0	1	421	0	0	0	0	0	0	2	696	348	0	0	
Sugar Maple	0	0	5	450	1	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	554	92	52	7	
Black Locust	0	0	0	0	1	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	161	161	0	0	
White Ash	0	0	1	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	146	146	0	0	
Black Oak	0	0	0	0	1	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	139	139	0	0	
Black Cherry	0	0	1	129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	129	129	0	0	
Total			247	28,786	180	30,250	171	38,669	106	28,979	46	16,627	32	12,663	9	4,599	3	1,987	2	1,228	796	163,790	206	803	291	

The Pennsylvania Game Commission SGL #108 - Keystone Timbersale Scribner Rule (BDFE) - All Volumes are Estimates

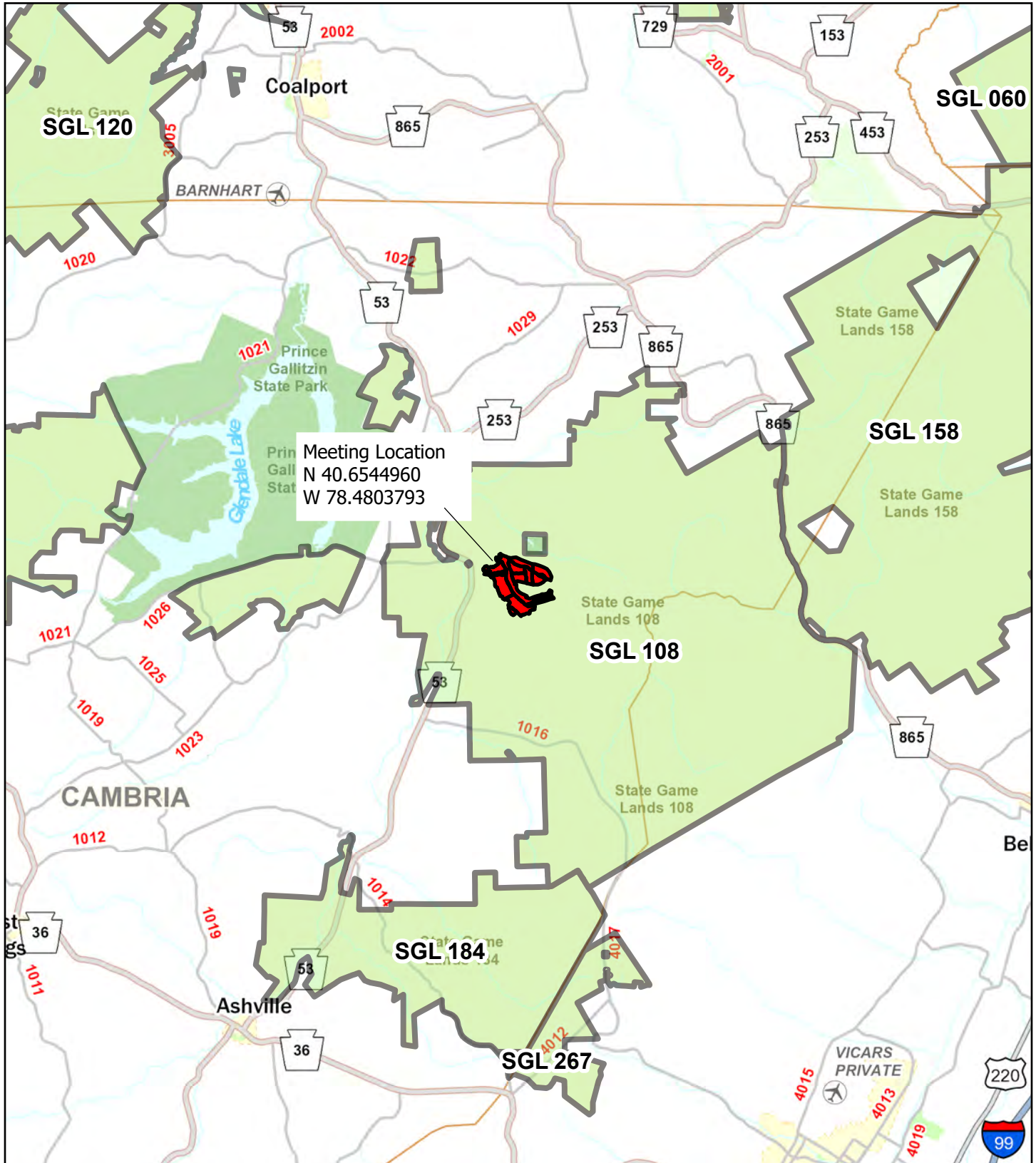
Block 11 - 60 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees
N. Red Oak	0	0	19	1,577	15	1,950	18	3,512	20	5,347	20	6,044	9	3,838	7	3,233	2	759	4	2,985	114	29,246	257	281	66	
Black Cherry	0	0	79	6,674	57	6,671	30	4,778	17	3,583	4	1,058	0	0	1	448	0	0	0	0	188	23,212	123	804	373	
Black Locust	0	0	64	4,697	51	5,367	19	2,902	5	746	0	0	1	244	0	0	0	0	0	0	140	13,955	100	907	232	
Red Maple	0	0	53	4,433	23	2,704	14	2,642	5	1,019	2	609	1	470	1	324	0	0	0	0	99	12,199	123	1,845	460	
Yellow-poplar	0	0	5	554	6	773	9	1,537	9	2,442	5	1,618	4	1,649	2	1,105	0	0	0	0	40	9,678	242	129	54	
Cucumbertree	0	0	5	373	8	933	6	993	2	407	4	1,064	1	445	0	0	1	631	0	0	27	4,846	179	133	43	
Sugar Maple	0	0	12	787	4	484	5	774	3	641	2	504	2	710	1	424	0	0	0	0	29	4,325	149	496	115	
Hickories	0	0	6	607	6	843	5	863	4	1,102	0	0	2	664	0	0	0	0	0	0	23	4,079	177	310	45	
Red Pine	0	0	28	2,668	5	739	1	173	0	0	0	0	0	0	0	0	0	0	0	0	34	3,581	105	597	239	
Chestnut Oak	0	0	3	238	3	436	5	922	1	284	2	703	1	251	1	413	0	0	0	0	16	3,246	203	64	11	
White Oak	0	0	5	450	5	658	4	777	1	292	2	583	0	0	1	307	0	0	0	0	18	3,067	170	41	19	
Sweet Birch	0	0	14	1,130	6	815	2	275	0	0	0	0	0	0	0	0	0	0	0	0	22	2,220	101	759	172	
American Basswood	0	0	0	0	5	582	2	425	0	0	2	620	0	0	0	0	0	0	0	0	9	1,627	181	56	20	
Black Gum	0	0	1	71	2	292	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	363	121	47	5	
Elm	0	0	3	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	187	62	0	0	
Aspen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	570	360	
American Beech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159	25	
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	
Total			297	24,448	196	23,248	120	20,573	67	15,861	43	12,803	21	8,270	14	6,253	3	1,390	4	2,985	765	115,831	151	7,202	2,247	

The Pennsylvania Game Commission SGL #108 - Keystone Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 248 acres - Pulp Tree Stand and Stock Table																						
Species	2" DBH		4" DBH		6" DBH		8" DBH		10" DBH		12" DBH		14" DBH		16" DBH		18" DBH		20"+ DBH		Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Tons
Red Maple	0	0	0	0	1,776	229	941	216	775	309	487	317	0	0	0	0	5	8	0	0	3,984	1,079
Sugar Maple	0	0	0	0	1,982	243	775	201	477	222	332	239	0	0	0	0	0	0	0	0	3,567	905
Black Cherry	0	0	0	0	239	27	161	38	308	134	273	194	0	0	0	0	5	11	4	11	990	416
Aspen	0	0	0	0	47	7	80	12	171	42	119	56	96	77	53	69	16	29	34	88	620	393
Black Locust	0	0	0	0	0	0	187	25	513	120	237	96	0	0	0	0	0	0	0	0	937	242
Red Pine	0	0	0	0	0	0	133	23	222	72	237	135	0	0	0	0	5	10	0	0	597	239
N. Red Oak	0	0	0	0	286	28	167	36	148	59	151	95	0	0	0	0	5	9	0	0	757	227
Hickories	0	0	0	0	518	61	309	46	180	47	136	61	0	0	0	0	0	0	0	0	1,142	216
Sweet Birch	0	0	0	0	533	72	188	38	155	53	96	53	0	0	0	0	0	0	0	0	972	216
Chestnut Oak	0	0	0	0	47	4	116	27	55	22	156	104	0	0	0	0	0	0	0	0	374	157
American Beech	0	0	0	0	342	47	86	22	108	47	25	18	0	0	0	0	0	0	0	0	562	134
Cucumbertree	0	0	0	0	99	5	70	18	85	40	12	11	0	0	0	0	0	0	0	0	266	75
Yellow-poplar	0	0	0	0	0	0	27	6	120	58	0	0	0	0	0	0	0	0	0	0	147	64
White Oak	0	0	0	0	0	0	0	0	72	28	50	30	0	0	0	0	0	0	0	0	121	58
American Basswood	0	0	0	0	50	7	84	20	34	15	12	8	0	0	0	0	0	0	0	0	180	49
Elm	0	0	0	0	48	6	109	17	17	5	12	6	0	0	0	0	0	0	0	0	187	33
Black Gum	0	0	0	0	147	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	147	18
White Pine	0	0	0	0	24	2	27	5	0	0	0	0	0	0	0	0	0	0	4	9	55	16
Norway Spruce	0	0	0	0	0	0	53	10	17	6	0	0	0	0	0	0	0	0	0	0	70	16
Yellow Birch	0	0	0	0	0	0	0	0	18	7	0	0	0	0	0	0	0	0	0	0	18	7
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total					6,137	756	3,514	760	3,475	1,285	2,334	1,423	96	77	53	69	37	67	43	109	15,692	4,557

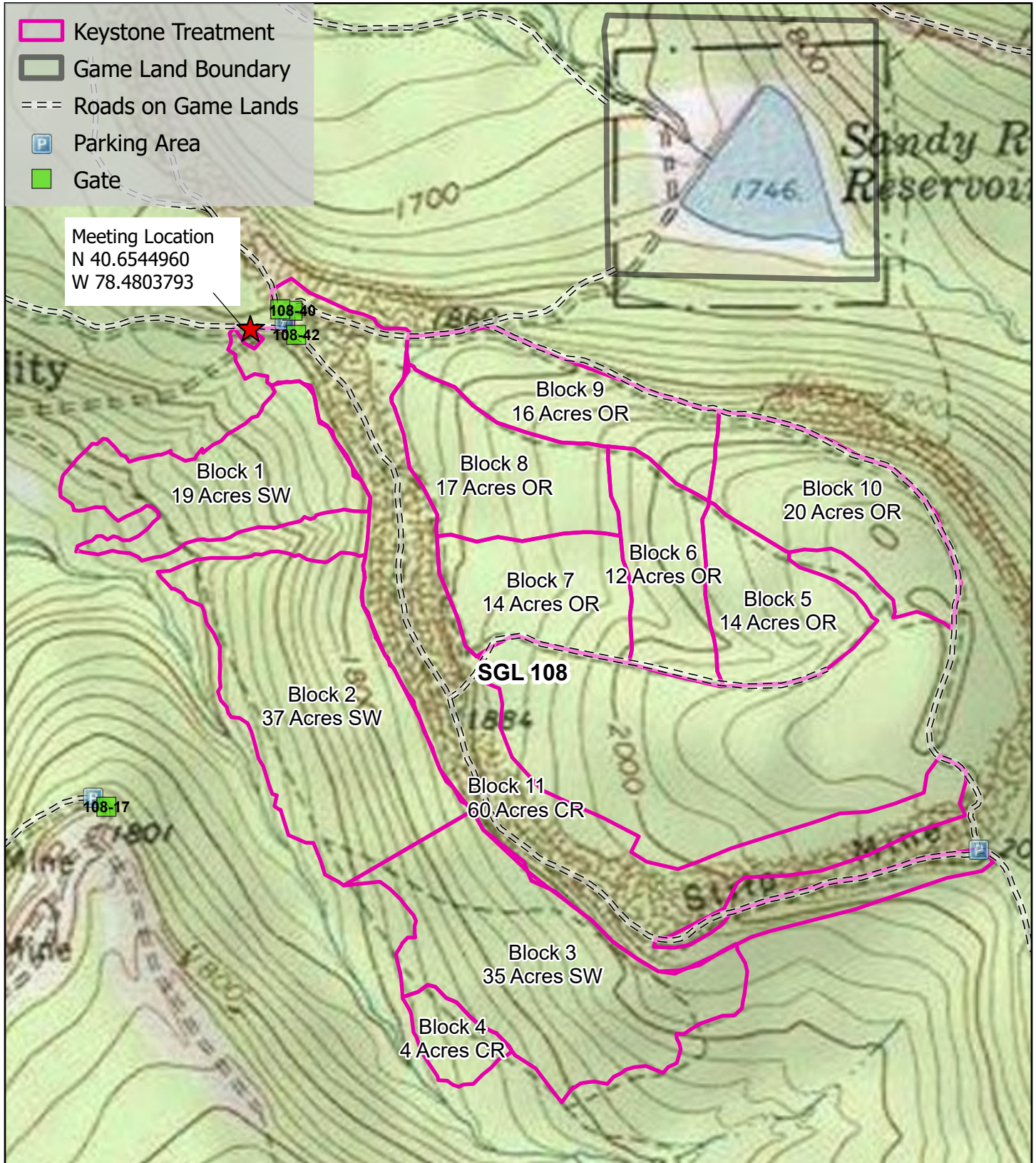
Keystone Stand Regeneration # 108-2023-01

SGL 108
Township: Reade
County: Cambria

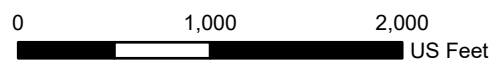


Keystone Stand Regeneration # 108-2023-01

SGL 108
Township: Reade
County: Cambria

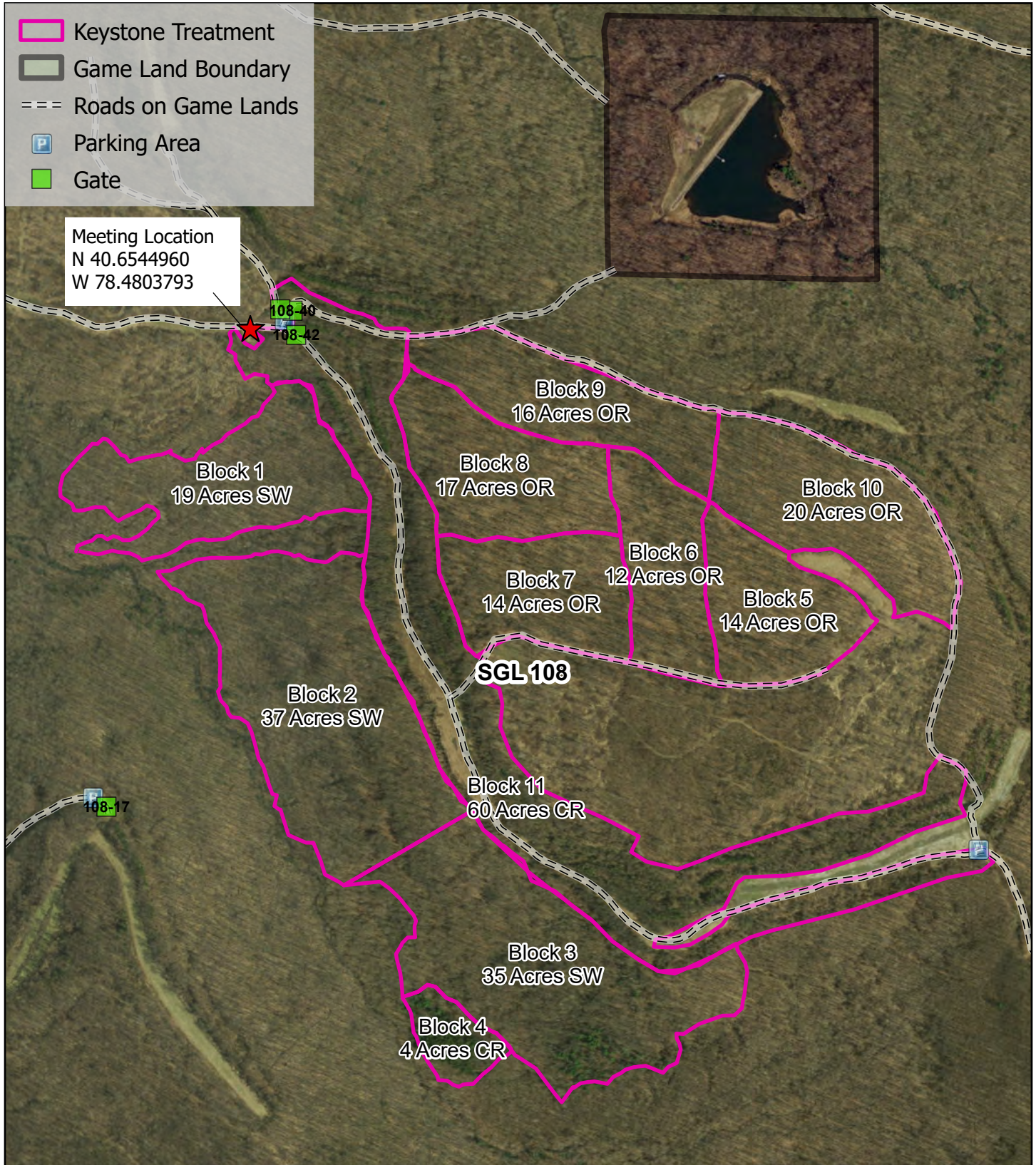


1 inch = 1,000 feet



Keystone Stand Regeneration # 108-2023-01

SGL 108
Township: Reade
County: Cambria



1 inch = 1,000 feet

