

Forest Management · Timber Sales · Appraisals · GPS/GIS Mapping

June 8, 2019

Sid Smyth Nicholls Auction Marketing Group 1808 Main St. Victoria, VA 23974

Re: Morris Tract Timber Appraisal

Dear Mr. Smyth:

Enclosed is the timber cruise report and maps for the Morris Tract located on the north side of Spring Road (Rt 692) located in the Patrick Springs Community of Patrick County, Virginia. This property contains two tracts of land: Tract #1 contains 80.57 acres by deed & plat and the deed is recorded in Land Record 14-1881 and the survey plat is recorded in Land Record 14-1882 in the Patrick County Circuit Court Clerk's Office and is tax map number 5113-104-C on the Patrick County Tax Maps. Tract #2 contains 23.463 acres (parcel #5) by deed & plat and the deed is recorded in Land Record 1400171 and the plat is recorded in Plat Cabinet 1-310-H and the tax map number is 5113-00-107B The timber is appraised at the current timber market prices and logging & freight cost. The summary of the timber cruise and appraisal is as follows:

Tract 1 (80.57 Acres Total) 80.57 Acres Timber **\$58,681** 

Tract 2 (23.463 Acres Total) 11.1 Acres Timber **\$29,108** 

Total Merchantable Timber Acres & Value 91.67 Acres Timber \$87,789

Tract 1 contains 80.57 acres of timber heavy to oak & white pine. This timber was selectively logged around 30 years ago whereby most of the larger grade hardwoods were removed. There is a heavy understory of mountain laurel that is suppressing the growth on the trees and there are some steep slopes the timber is growing on. Tract 2 contains 11.1 acres of high quality poplar & oak and lays on gently rolling land next to a small stream. The understory is clean & the timber is growing very good.

The acres on the tract & timber stands were calculated by putting the corners and lines on the maps & then digitizing them along with each stand into a professional GIS program in a computer. Acres are approximate are not guaranteed. Values on the timber were derived at by a professional timber cruise, type and quality of forest products found, topography, & distance to mills. A variable plot timber cruise was done using a Basal Area Factor 15 Prism (BAF 15) & the cruise plots were placed on a 4 chain by 4 chain square grid on Tract 1 and a 3 chain by 3 chain square grid on Tract 2. A chain is equal to 66 feet. All trees on each plot were tallied & measured by species, diameter at breast height (DBH), and merchantable height for each product class. Hardwood sawtimber was cruised to a 12 inch top, Virginia pine sawtimber to a 7 inch top, white pine sawtimber to an 8 inch top, hardwood pallet logs to a 7 inch top, & pulpwood to a 3 inch top. The enclosed timber cruise shows the details of the forest products. Please don't hesitate to call me if you have any questions.

Sincerely,

Kenneth O. Scruggs, CF, RF

**Professional Forester** 

Enclosures

## **TIMBER CRUISE REPORT**

CLIENT NAME: Nicholls Auction & Etals. SALE ACRES: 80.57
TRACT NAME: Morris CRUISE METHOD: BAF15, 4 ch x 4 ch
STATE: VA NO. PLOTS SAMPLED: 51
COUNTY: Patrick DATE: 6/6/2019

PULPWOOD									STUMPAGE				
	STAN	IDING	TOPWOOD			TOTAL							
SPECIES	CORDS	TONS	CORDS	TONS		CORDS	TONS	PEI	R UNIT		TOTAL		
Pine Pulpwood	180	470	11	29		191	499	\$	6.00	\$	2,995.4		
Soft Hardwood Pulpwood	89	241	22	60		111	301	\$	6.00	\$	1,806.2		
Hard Hardwood Pulpwood	81	226	10	29		91	256	\$	4.00	\$	1,022.3		
TOTAL	350	938	44	118		394	1056	\$	5.52	\$	5,824.0		
PER ACRE	4.4	12	0.5	1		4.9	13			\$	72.2		

SAWTIMBER										STUMPAGE				
	FORM	NUMBER	AVG	DOYLE	INT'L 1/4	INT'L 1/4								
SPECIES	CLASS	TREES	DBH	BD.FT.	BF/TREE	BD.FT.	TONS	PE	R UNIT		TOTAL			
Virginia Pine	78	262	13.3	16,045	108	28,251	155	\$	20.00	\$	3,107.65			
										\$	-			
										\$	-			
White Pine	78	496	16.1	80,207	224	111,036	555	\$	22.00	\$	12,213.95			
Poplar	78	158	14.8	14,182	150	23,771	143	\$	40.00	\$	5,705.04			
										\$	-			
Red Oak	78	203	16.5	20,983	148	30,021	180	\$	40.00	\$	7,205.12			
										\$	-			
White Oak	78	61	14.6	3,660	96	5,856	35	\$	40.00	\$	1,405.39			
										\$	-			
Chestnut Oak	78	491	15.8	39,401	119	58,293	350	\$	40.00	\$	13,990.29			
										\$	-			
Ash	78	22	14.0	1,064	78	1,729	10	\$	40.00	\$	415.00			
										\$	-			
										\$	-			
Misc. Hardwood Crossties	78	263	16.0	23,711	127	33,551	201	\$	24.00	\$	4,831.34			
Hardwood Pallet Logs	78	688	11.2	16,244	49	34,040	221	\$	18.00	\$	3,982.72			
TOTAL		2646		215,497		326,549	1851			\$	52,856.50			
PER ACRE		33		2,675		4,053	23.0			\$	656.03			

TOTAL SAWTIMBER & PULPWOOD TOTAL SAWTIMBER & PULPWOOD PER ACRE

2907 \$ 58,680.55 36 \$ 728.32

## **TIMBER CRUISE REPORT**

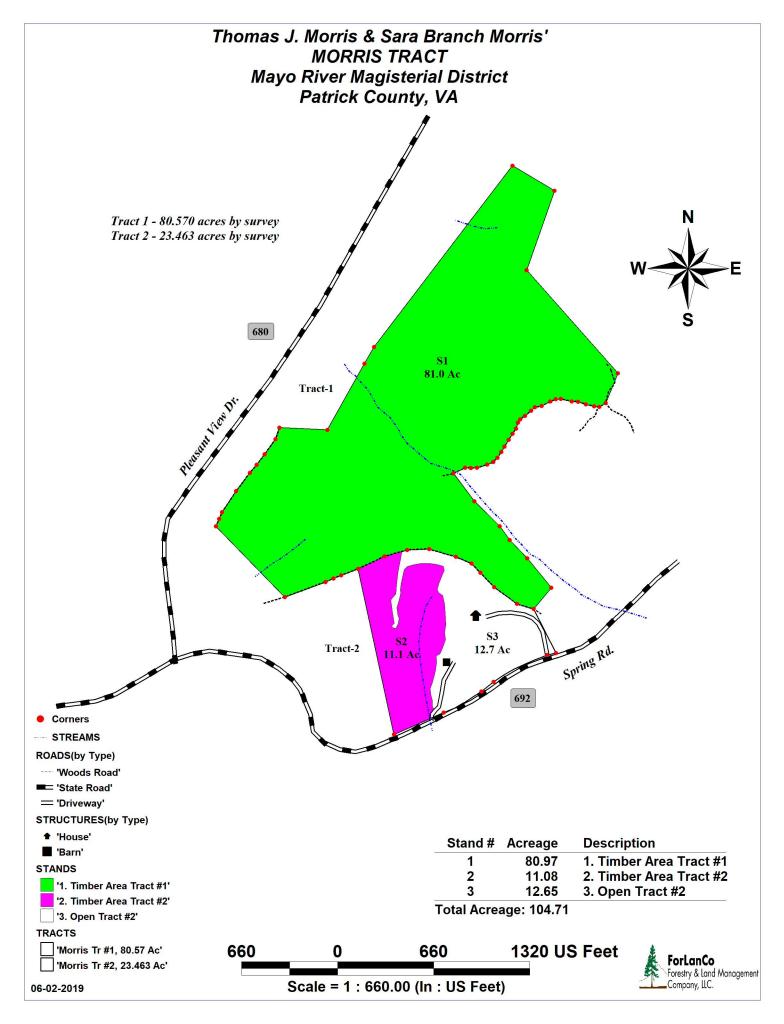
CLIENT NAME: Nicholls Auction & Etals. SALE ACRES: 11.1
TRACT NAME: Morris CRUISE METHOD: BAF15, 3 ch x 3 ch
STATE: VA NO. PLOTS SAMPLED: 13
COUNTY: Patrick DATE: 6/6/2019

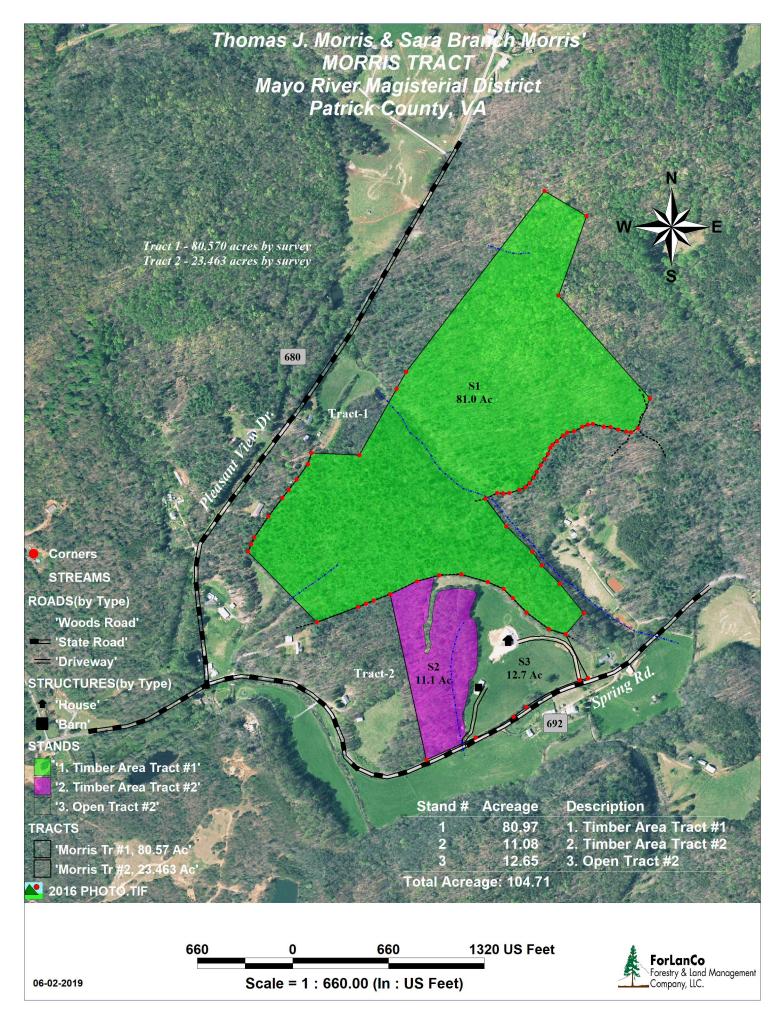
	PULPWOOD									STUMPAGE			
	STAN	DING	TOPWOOD			TOTAL							
SPECIES	CORDS	TONS	CORDS	TONS		CORDS	TONS	PEI	R UNIT		TOTAL		
Pine Pulpwood	2	5	5	12		7	17	\$	6.00	\$	104.10		
Soft Hardwood Pulpwood	41	110	16	44		57	154	\$	6.00	\$	923.72		
Hard Hardwood Pulpwood	4	11	0	0		4	11	\$	4.00	\$	42.17		
TOTAL	46	125	21	56		67	182	\$	5.88	\$	1,069.99		
PER ACRE	4.2	11	1.9	5		6.1	16			\$	96.40		

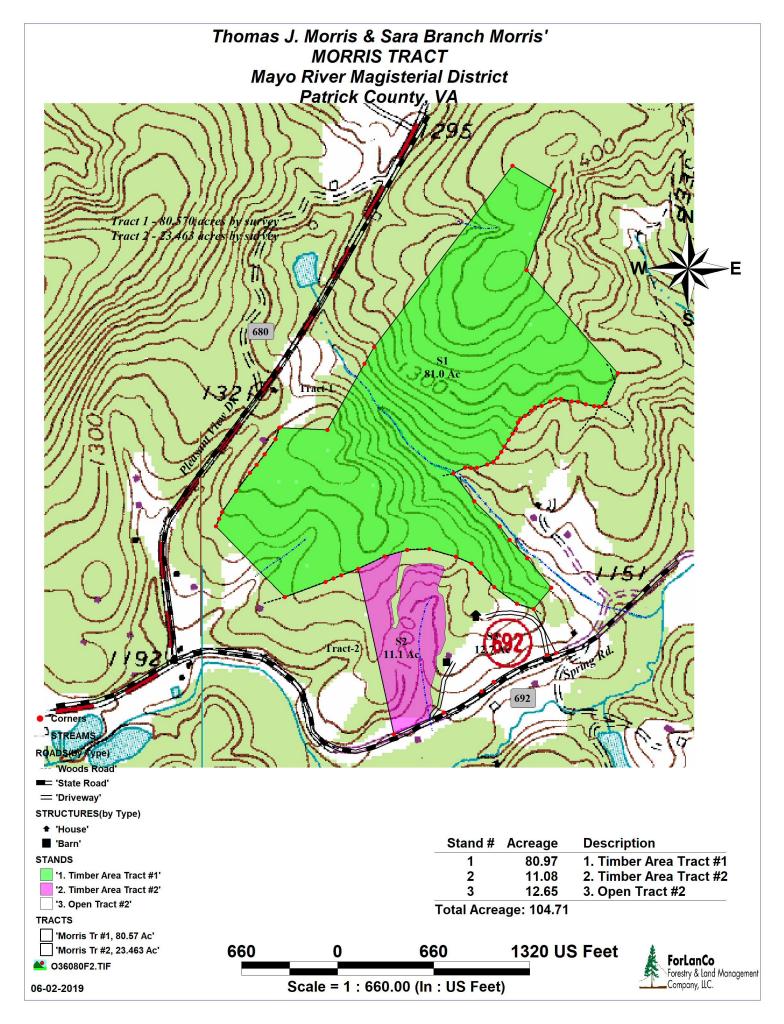
SAWTIMBER										STUMPAGE				
	FORM	NUMBER	AVG	DOYLE	INT'L 1/4	INT'L 1/4		1						
SPECIES	CLASS	TREES	DBH	BD.FT.	BF/TREE	BD.FT.	TONS	PE	R UNIT		TOTAL			
Virginia Pine	78	52	13.3	2,474	84	4,334	24	\$	20.00	\$	476.71			
										\$	-			
										\$	-			
White Pine	78	26	23.1	11,087	523	13,411	67	\$	22.00	\$	1,475.23			
Poplar	78	350	17.6	62,412	244	85,210	511	\$	40.00	\$	20,450.33			
										\$	-			
Red Oak	78	9	16.0	862	143	1,312	8	\$	40.00	\$	314.82			
										\$	-			
White Oak	78	92	16.5	9,285	143	13,188	79	\$	40.00	\$	3,165.05			
										\$	-			
Chestnut Oak	78	36	16.1	2,917	119	4,226	25	\$	40.00	\$	1,014.31			
										\$	-			
										\$	-			
										\$	-			
										\$	-			
Misc. Hardwood Crossties	78	21	17.8	2,917	182	3,761	23	\$	24.00	\$	541.58			
Hardwood Pallet Logs	78	80	12.0	2,653	64	5,128	33	\$	18.00	\$	599.98			
TOTAL		665		94,608		130,569	770			\$	28,038.02			
PER ACRE		60		8,523		11,763	69.4			\$	2,525.95			

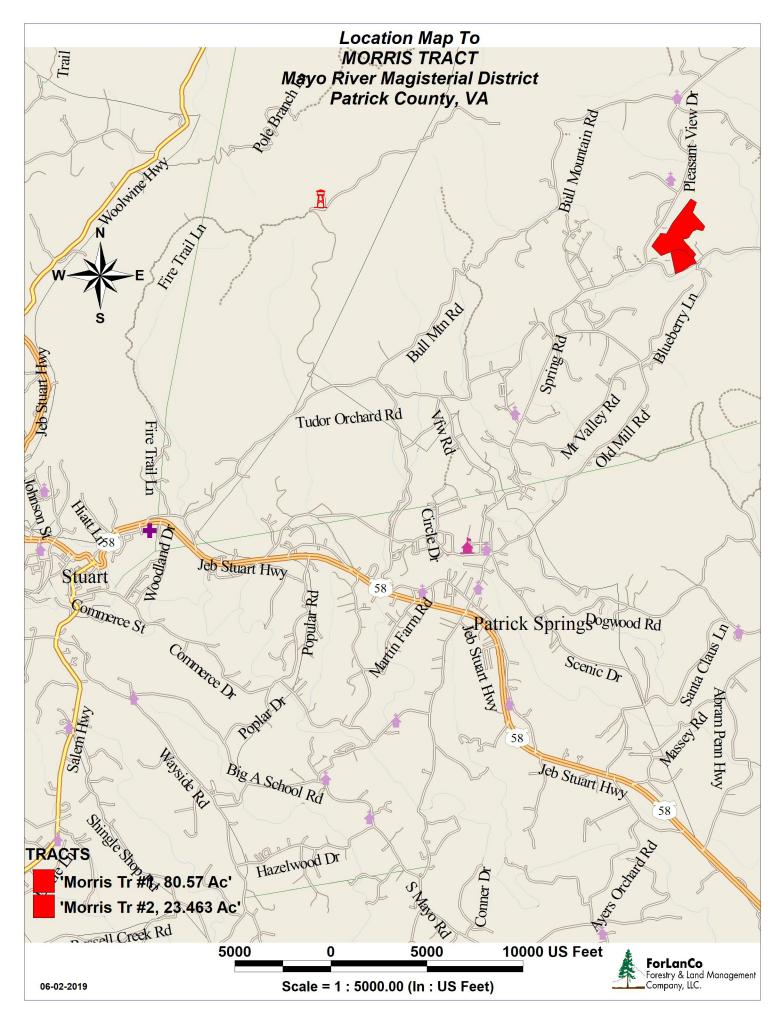
TOTAL SAWTIMBER & PULPWOOD TOTAL SAWTIMBER & PULPWOOD PER ACRE

952 \$ 29,108.00 86 \$ 2,622.34



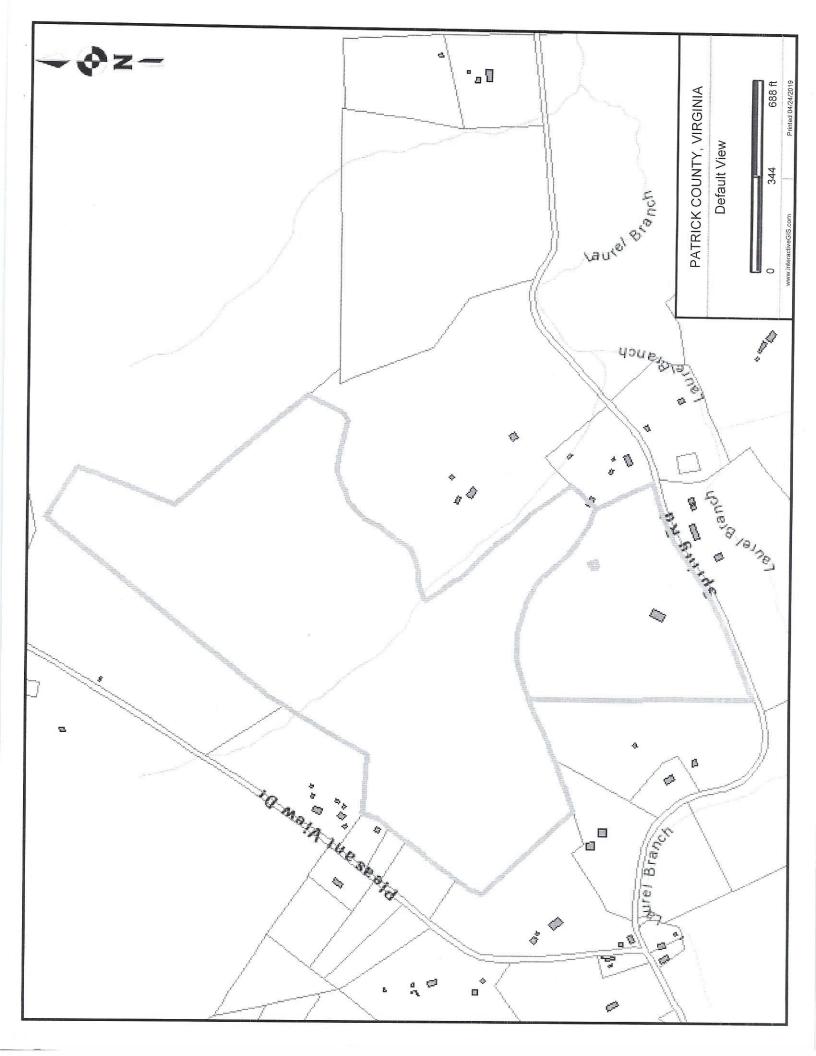


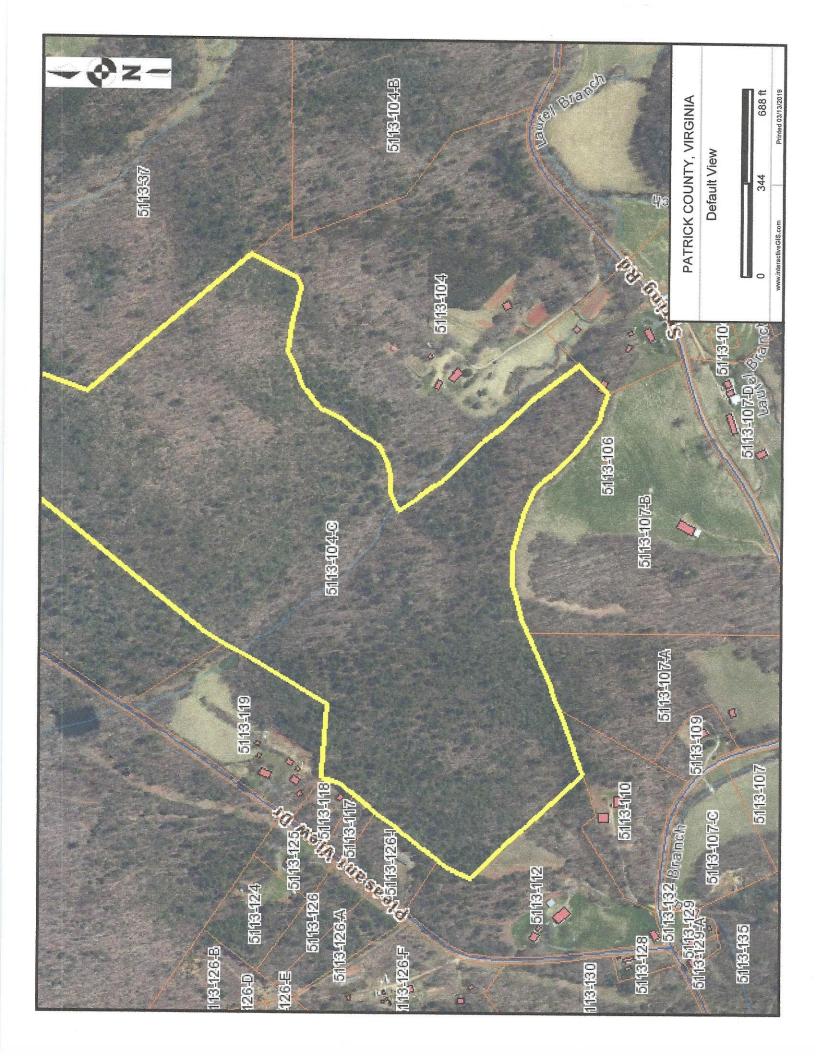


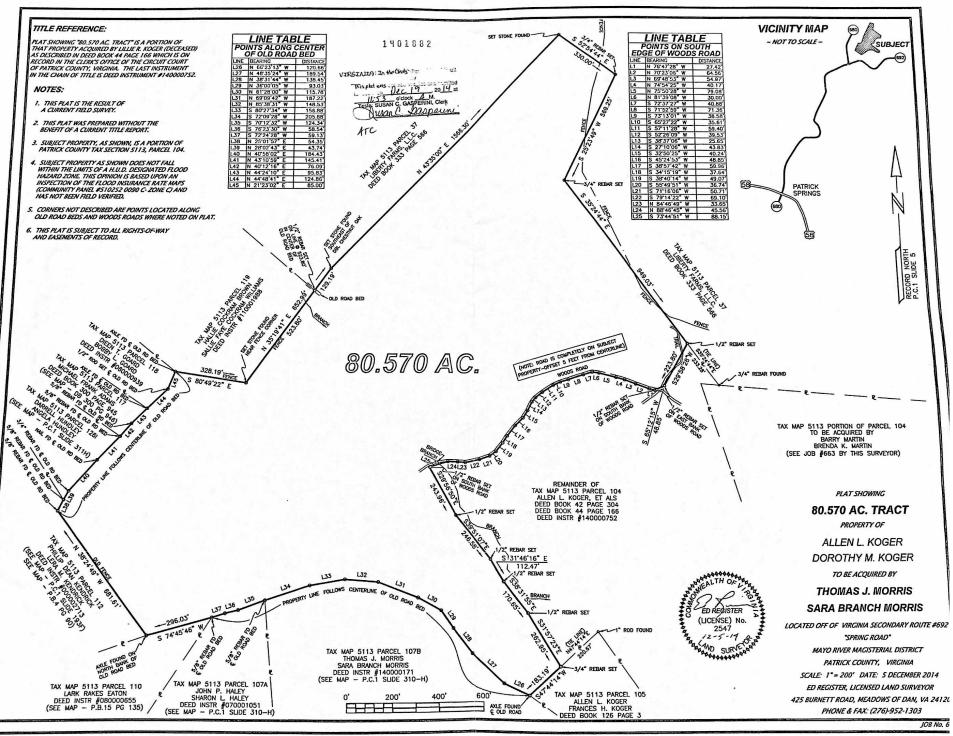


Patrick County VA 2015 REASSESSMENT

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