



## **FORESTRY SERVICE**

3950 S. Charlestown Road  
Lexington, Indiana 47138  
812-889-2857 • Mobile 812-525-6462

### Statement of Certification

To the best of my knowledge and belief, all statements and information in this report are true and correct. No important facts have been intentionally withheld.

My fee for this report is not in any way contingent upon the results.

A handwritten signature in dark ink, appearing to read "Tom Rathert", is written over a solid horizontal line. The signature is fluid and cursive, with the first name "Tom" being more prominent.

Tom Rathert





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### Statement of Assumptions And Limiting Conditions

1. No responsibility has been assumed for legal matters nor title opinion rendered on this property or its timber in this report. Liens and encumbrances have been disregarded.
2. Location of property lines and acreages were established from best available information. No surveying was conducted by Rathert's Forestry Service, therefore, no responsibility is assumed for correct location of parcels or land area.
3. Although all information contained in this report is believed to be correct, no guarantee or assumption of liability regarding the information is intended.
4. Delivery of this report concludes this specific work assignment.
5. The term "Market Value" as used in this report is defined as the cash price, which the standing timber would bring at a well advertised sale, with reasonable time for removal of said timber.



## Evaluation Report

Location: Jackson County, Carr township, Sec. 12 and 13

Method: (for Area 1)

1. Property was cruised and points taken on an estimated grid.
2. At each point trees falling within the plot, (variable plot radius determined by 10 factor angle gage) were estimated by diameter class and height by 12 foot logs.
3. This data was recorded and entered into the Forest Inventory 2000 program developed by the Indiana Division of Forestry.
4. The following tables and graphs were generated by this program.



**INDIANA DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF FORESTRY**

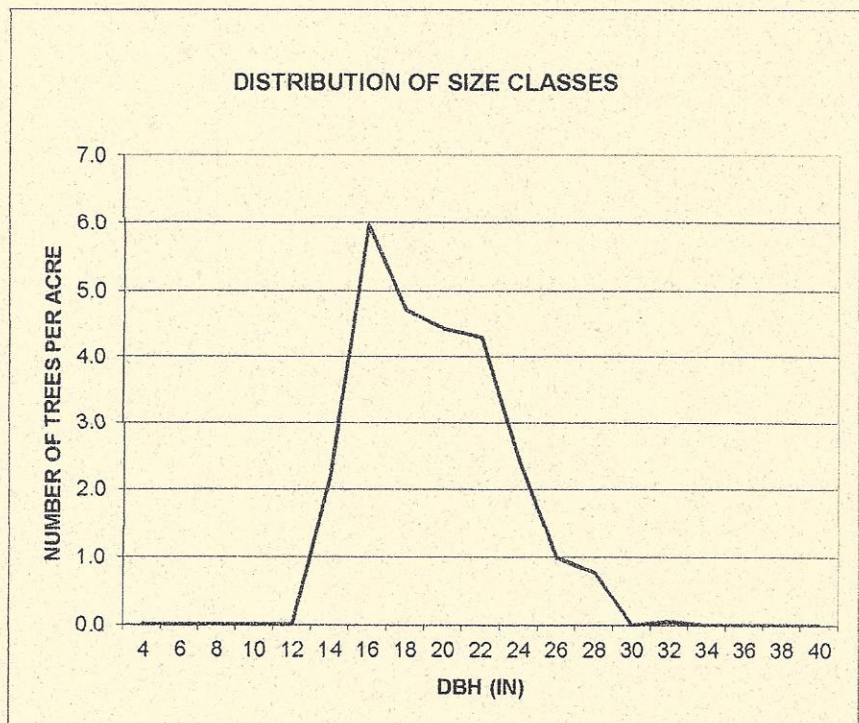
**SUMMARY AND ANALYSIS OF FOREST INVENTORY 2000  
SUMMING ALL TREES**

OWNER: Edwin Starr  
TRACT: Jackson county Area 1  
ACRES: 79.00

DATE: 9/25/2015  
FORESTER: Tom Rathert and  
Brad Meagher

This inventory was accomplished using a wedge prism or angle gauge with a basal area factor of 10 over 30 sample points. All figures for volume are in board-feet (bd-ft) Doyle, all figures for basal area (BA) are in feet<sup>2</sup>, and all figures for diameter at breast height (dbh) are in inches.

SUMMARY BY SIZE CLASS			
DBH	VOL. PER ACRE	TREES PER ACRE	BASAL AREA / ACRE
4			
6			
8			
10			
12			
14	151	2.2	2.3
16	765	6.0	8.3
18	826	4.7	8.3
20	1137	4.4	9.7
22	1442	4.3	11.3
24	948	2.4	7.7
26	494	1.0	3.7
28	531	0.8	3.3
30			
32	24	0.1	0.3
34			
36			
38			
40			
TOTAL	6319	25.9	55.0





SUMMARY BY SPECIES									
SPECIES	VOL. PER ACRE	PCT. OF PER ACRE VOL.	TREES PER ACRE	PCT. OF PER ACRE TREES	BASAL AREA/ ACRE	PCT. OF PER ACRE BA	AVG. DBH		TOTAL STAND VOLUME
REO	651	10.3%	1.7	6.7%	4.3	7.9%	21.4		51,447
BLO	1021	16.2%	3.0	11.8%	8.0	14.5%	22.0		80,676
CHO	908	14.4%	4.2	16.4%	9.0	16.4%	19.7		71,723
WHO	914	14.5%	4.0	15.6%	8.3	15.2%	19.5		72,216
HIC	907	14.4%	4.4	17.1%	8.0	14.5%	18.2		71,687
YEP	592	9.4%	1.5	5.7%	4.0	7.3%	22.3		46,752
SUM	533	8.4%	2.5	9.6%	5.3	9.7%	19.8		42,088
WHA	355	5.6%	1.8	7.1%	3.3	6.1%	18.3		28,013
AMB	100	1.6%	0.6	2.3%	1.3	2.4%	20.1		7,871
MISC	339	5.4%	2.0	7.8%	3.3	6.1%	17.4		26,744
PER ACRE TOTALS	6319	100.0%	25.9	100.0%	55.0	100.0%	19.7		499,218

SUMMARY OF VINES	N/A	vines per acre
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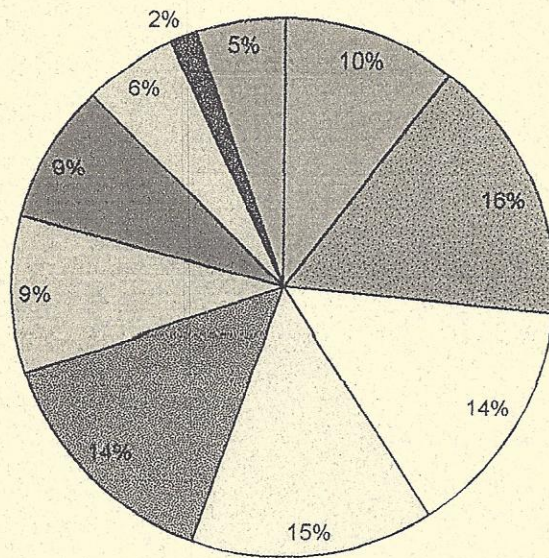
OWNER: Edwin Starr  
TRACT: Jackson county Area 1  
ACRES: 79.00

DATE: 9/25/2015  
FORESTER: Tom Rathert and Brad Meagher

SUMMARY OF VOLUME PER ACRE BY SPECIES AND SIZE CLASS											
DBH	*** SPECIES LISTING ***										VOL. PER ACRE
	REO	BLO	CHO	WHO	HIC	YEP	SUM	WHA	AMB	MISC	
12											
14			22	26	45				22	35	151
16	35	35	87	157	166	35	67	96		87	765
18	78	78	152	44	243		44	120		67	826
20	85	179	191	209	258	69	145				1137
22	57	302	225	323	110	147	168	91	19		1442
24	217	151	177	60	34	109	20	48	34	96	948
26	114	122		93		114	50				494
28	66	154	52		52	118	37			52	531
30											
32									24		24
34											
36											
38											
40											
VOL./ACRE	651	1021	908	914	907	592	533	355	100	339	6319



DISTRIBUTION OF VOLUME PER ACRE



REO BLO CHO WHO  
HIC YEP SUM WHA  
AMB MISC



INDIANA DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF FORESTRY

SUMMARY AND ANALYSIS OF *FOREST INVENTORY 2000*  
SUMMING ALL TREES

OWNER: Edwin Starr  
TRACT: Jackson county Area 1  
ACRES: 79.00

DATE: 9/25/2015  
FORESTER: Tom Rathert and  
Brad Meagher

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VALUATION

WORKSPACE FOR VALUATION OF ALL STANDING TREES												
PER ACRE VALUATION						TOTAL TRACT VALUATION						
SPECIES	VOLUME PER ACRE		VALUE PER BD- FT.		VALUE PER ACRE		TOTAL TRACT VOLUME		VALUE PER BD- FT.		TOTAL TRACT VALUE	PCT. OF TOTAL VALUE
REO	651	x	0.28	=	\$179.09		51,429	x	0.28	=	\$14,142.98	10%
BLO	1,021	x	0.28	=	\$285.94		80,676	x	0.28	=	\$22,589.41	16%
CHO	908	x	0.30	=	\$272.37		71,723	x	0.30	=	\$21,516.99	16%
WHO	914	x	0.40	=	\$365.65		72,216	x	0.45	=	\$32,497.20	24%
HIC	907	x	0.18	=	\$163.34		71,687	x	0.18	=	\$12,903.61	9%
YEP	592	x	0.22	=	\$130.20		46,752	x	0.22	=	\$10,285.45	7%
SUM	533	x	0.30	=	\$159.83		42,088	x	0.30	=	\$12,626.30	9%
WHA	355	x	0.27	=	\$95.74		28,013	x	0.27	=	\$7,563.47	5%
AMB	100	x	0.12	=	\$11.96		7,871	x	0.12	=	\$944.57	1%
MISC	339	x	0.12	=	\$40.62		26,744	x	0.12	=	\$3,209.28	2%
TOTAL VOLUME PER ACRE	6,319	AVG. VALUE / BD.-FT.	0.25	TOTAL VALUE / ACRE	\$1,704.73	TOTAL TRACT VOLUME	TRUE	AVG. VALUE / BD.-FT.	0.25	TOTAL TRACT VALUE	\$138,279.25	100%

Note: This valuation is an estimate only. It is based on a random sample of the forest and estimated average prices per board-foot for given species. It should not be interpreted as a definitive valuation of all standing timber.



Findings:

This woodland can be divided into 4 areas. (See enclosed map)

Area 1 (outlined in orange) contains 79 acres.

Area 2 (outlined in yellow) contains 19 acres.

Area 3 (outlined in pink) contains 15.5 acres.

Area 4 (outlined in green) contains 3.75 acres.

Area 1 contains an estimated 499,218 board feet. Estimated value of \$138,279.25

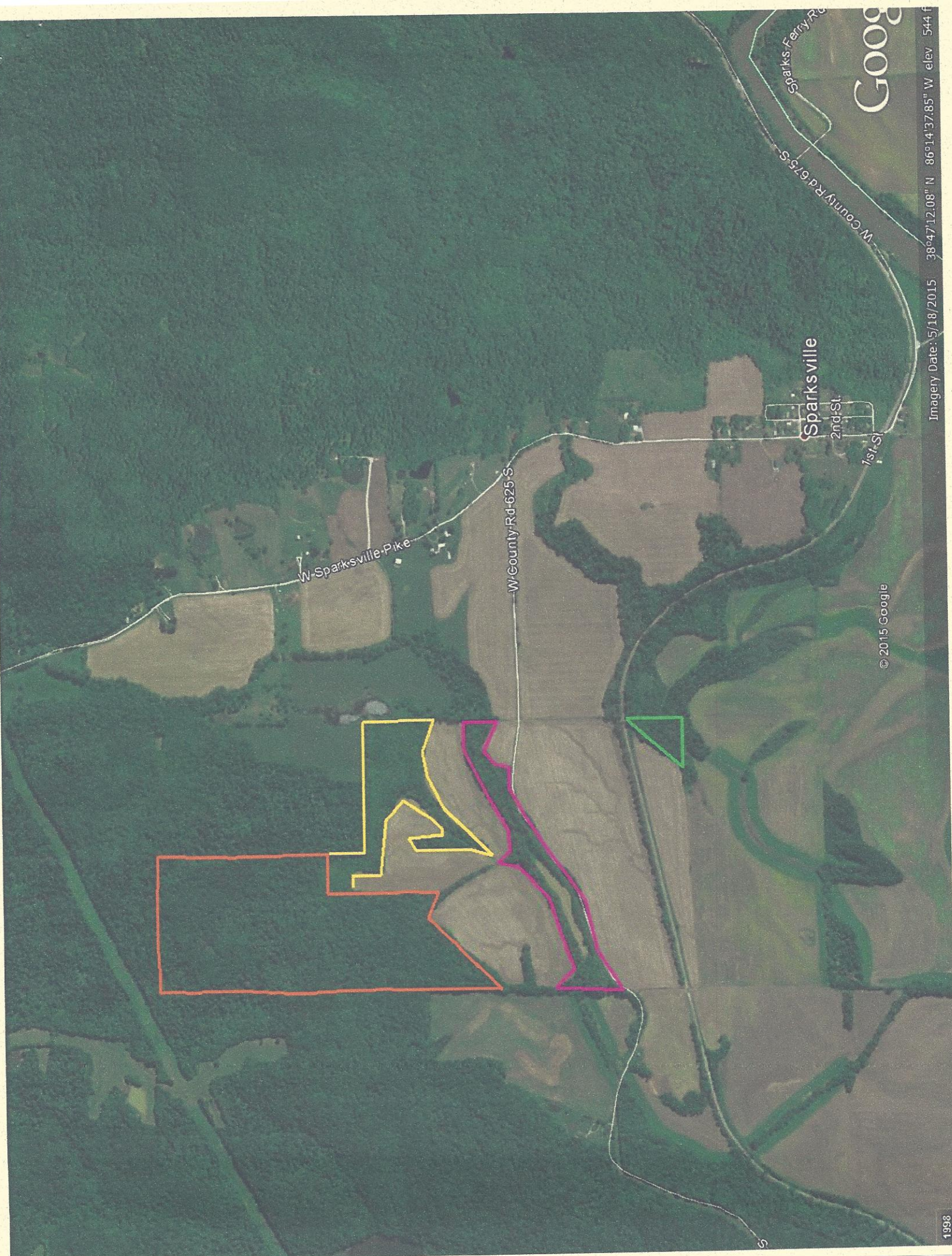
Area 2 includes CRP field with young timber. The few scattered small sawtimber sized trees with remainder in sapling to pole sized trees. Little or no commercial timber value at this time.

Area 3 is the area along the creek just north of county road W 625 N. There are a few large Cottonwood and Sycamore, and many smaller diameter Black Walnut. Total value on this area would be \$1500.00 to \$2500.00.

Area 4 is located southeast corner of the farm and contains mostly small diameter low quality trees. Little or no commercial timber value at this time.

The value of the standing timber on this property is \$ 139,779.25. Values are based on similar sales sold during 2014 and 2015. This is a reasonable estimate with a valid basis. However, in a highly changeable timber market, it cannot be considered a guarantee of marketing results.





W. Sparksville Pike

W. County Rd-625 S

W. County Rd-675 S

Sparksville

2nd St

1st St

Google

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Imagery Date: 5/18/2015 38°47'12.08" N 86°14'37.85" W elev 544 f



Species Code

AMB	American Beech
BTA	Bigtooth Aspen
BLC	Black Cherry
BLG	Black Gum
BLO	Black Oak
BLW	Black Walnut
CHO	Chestnut Oak
ELM	Elm
HIC	Hickory
REM	Red Maple
REO	Red Oak
SAS	Sassafras
SLO	Scarlet Oak
SUM	Sugar Maple
SWG	Sweet Gum
SYC	Sycamore
YEP	Yellow Poplar
WHA	White Ash
WHO	White Oak