

FOREST MANAGEMENT SPECIALISTS, INC.



January 4, 2019

We estimate that there are approximately 501 harvestable acres with an estimated stumpage value of approximately nine hundred ninety two thousand five hundred & 00/100 dollars (\$992,500.00) at this time. Of this value, approximately \$48,500.00 is located in areas that are marginally harvestable. We estimate an additional 30 acres of forestland with un-harvestable timber (steepness, rocks, etc.). To estimate the value of the merchantable timber, a 5% sample of the forested area was taken. Plot location was generated by GPS software and the actual plot centers were flagged on the ground. The information gathered in the field was then entered into our computer software to estimate the total timber volume present. These estimated volumes were then multiplied by the average prices paid for standing timber in the area at this time, totaled, and rounded to the nearest one hundred dollars. ***These are estimates of the value of standing timber for appraisal purposes and are not a guarantee of the value for sale purposes.*** Thank you for using Forest Management Specialists, Inc. and if we may assist with the marketing of this timber or answer any questions, please do not hesitate to call.

Sincerely,

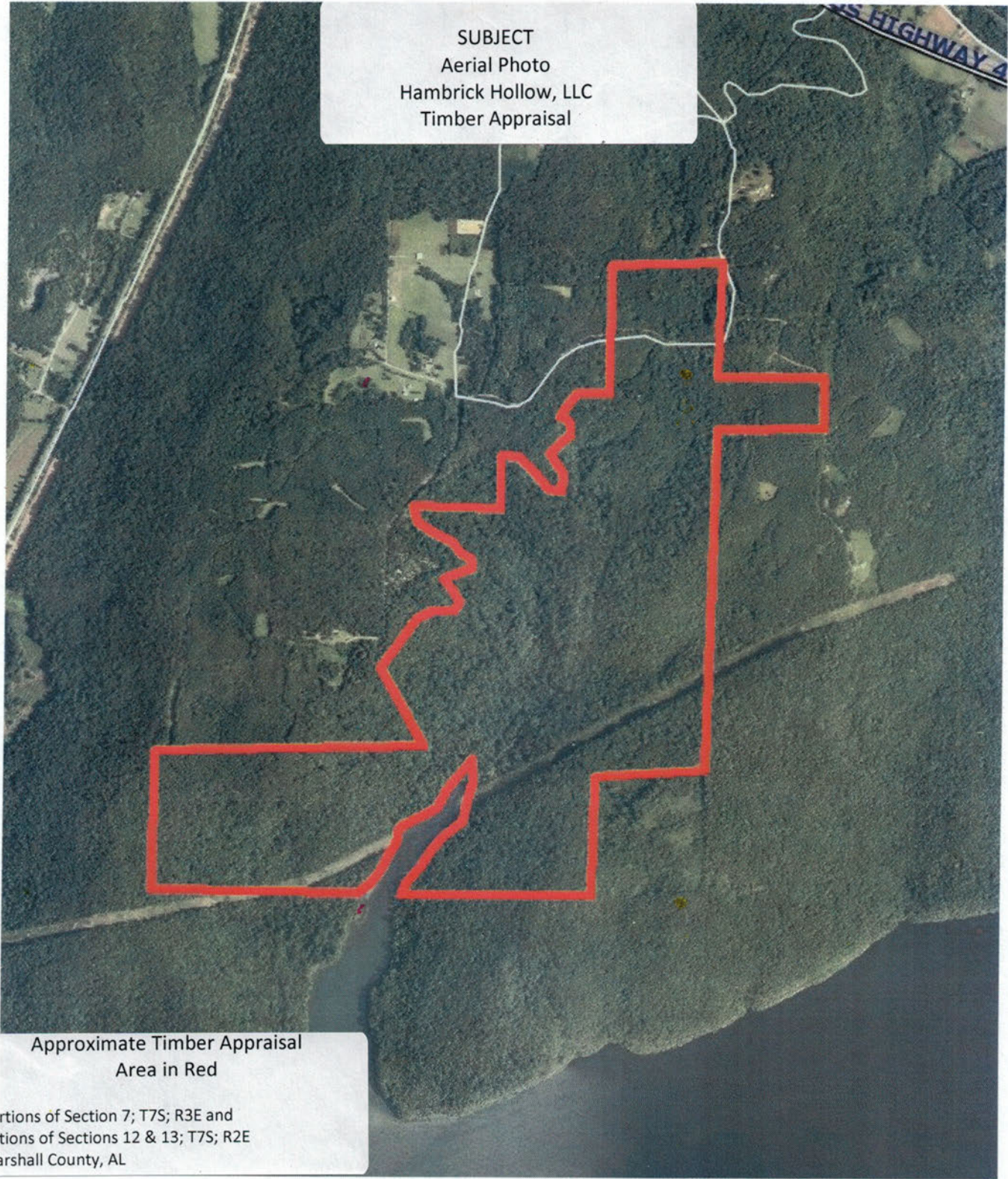
Arthia (Billy) Rye, President
Forest Management Specialists, Inc.
Alabama Registered Forester #1426

Enclosures

Br/s



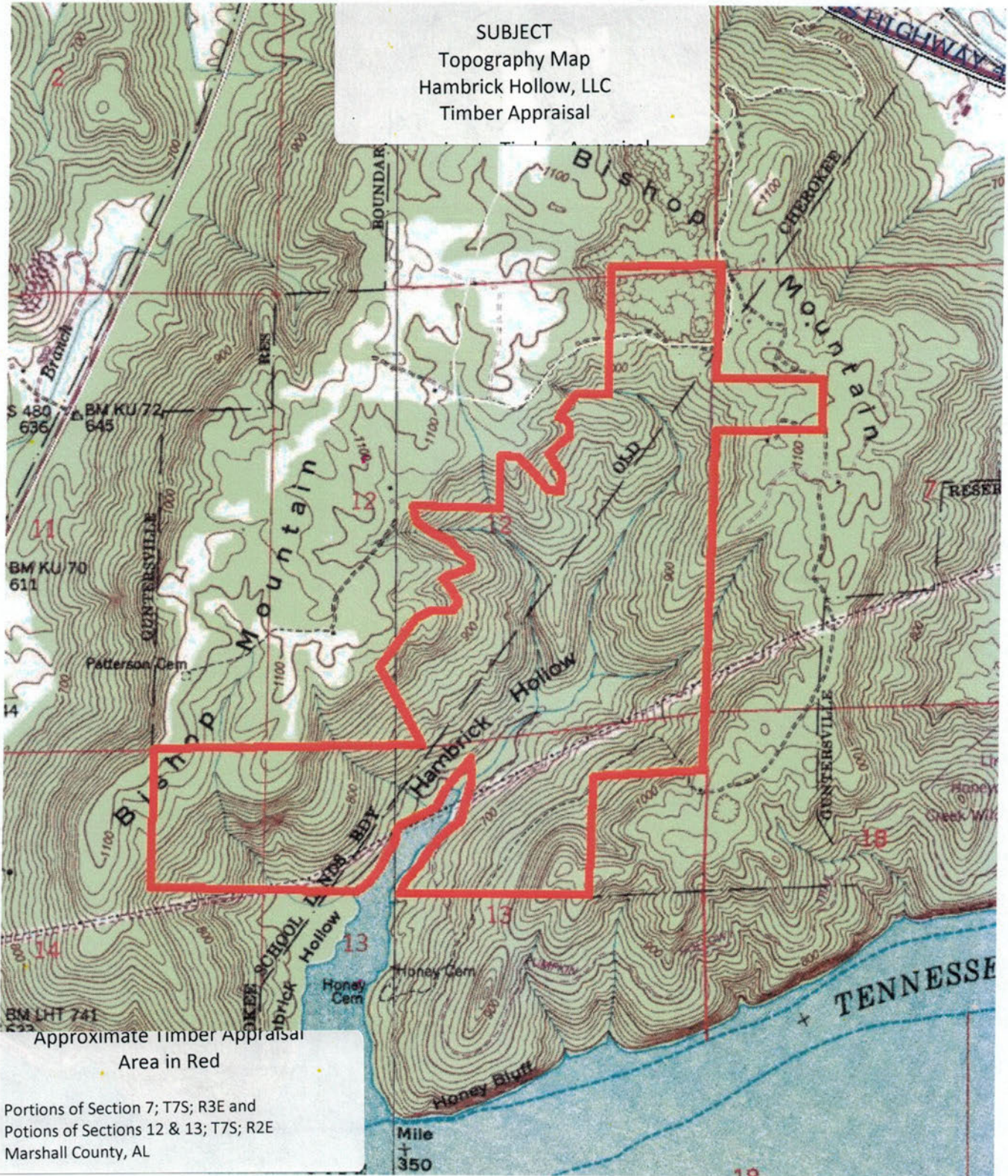
SUBJECT
Aerial Photo
Hambrick Hollow, LLC
Timber Appraisal



Approximate Timber Appraisal
Area in Red

portions of Section 7; T7S; R3E and
portions of Sections 12 & 13; T7S; R2E
Marshall County, AL

SUBJECT
Topography Map
Hambrick Hollow, LLC
Timber Appraisal



Approximate Timber Appraisal
Area in Red

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Marshall County, AL

FOREST MANAGEMENT SPECIALISTS, INC.



TIMBER CRUISE SPECIFICATIONS

5% Sample (1 plot/2 acres)

1/10th acre fixed radius plots spaced 2 chains apart on lines that are 5 chains apart. Lines are run perpendicular to the topography.

2 inch diameter classes

General merchandizing specifications

- 12" top for all hardwood sawtimber products

- 8" top for all pine sawtimber products

- 6" top for all pine chip-n-saw products (minimum length of 1.5 – 16' logs)

- 6" d.b.h. for all pulpwood products

FOREST MANAGEMENT SPECIALISTS, INC.



TIMBER APPRAISAL LIMITATIONS

- 1) Sample Estimates. It is impractical to measure and grade every single tree on the timber appraisal area. Therefore, FMS implements professionally accepted timber cruising (sampling) procedures. Therefore, all volumes represented in this appraisal are estimates and are not guaranteed.
- 2) Undefined Property Lines. Most timberland tracts do not have well defined property lines. FMS uses a combinations of GIS software, GPS hardware, and field reconnaissance to estimate the location of property corners which are used to initiate the timber cruise.
- 3) Un-harvestable Areas. FMS has assisted landowners in 76 different counties with over 1,300 timber sales. However, due to varying harvesting requirements of various timber buyers, it is impossible to predict the exact harvestable acres in mountainous terrain.
- 4) External Observations. Trees were tallied based on their external appearance. No sounding, boring, or other intrusive methods were utilized to determine the presence of decay nor measure its extent. The actual quality of the trees present may vary from our estimates.
- 5) Market Volatility. Timber markets are highly volatile. Prices often vary greatly between seasons and regions. Therefore, prices received for standing timber may vary significantly.
- 6) Merchandizing Standards. Standards for forest products can vary greatly by mill and producer. FMS uses the common standards utilized in the area of the appraisal.

Tract Name:

Downey Appraisal

County, State:

Marshall, AL

Date:

1/3/2019

Acres:

501.00

Plots:

250.50

Timber Description:

Upland Hardwood

Legal Description:

Cruiser(s):

AWR

Downey Appraisal

Marshall, AL

Acres: 501 Plots: 251 B.U.F. 20.00 Wt. Factor(Grac 7.2 Wt. Factor(Grac #DIV/0!

Cruiser(s): AWR Date: 1/3/2019

PINE LOG TALLY

Chip-N-Saw Loblolly

DBH	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	Check Total
8	0	30	0	1	0	0				31
10	0	26	11	2	0	0	0	0	0	39
12	1	8	11	5	0	0	0	0	0	25
14	0	3	2	0	0	0	0	0	0	5
										100

Chip-N-Saw (Virginia)

DBH	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	Check Total
8	0	0	0	0	0	0				0
10	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0
										0

Pine Plylog

DBH	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	Check Total
10	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0
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
22	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0
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
										0

Grade Pine

DBH	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	Check Total
10	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
14	0	0	0	3	0	0	0	0	0	3
16	0	1	4	9	13	7	0	0	0	34
18	0	0	0	4	10	4	0	0	0	18
20	0	0	1	1	6	10	2	0	0	20
22	0	0	0	0	2	4	1	0	0	7
24	0	0	0	0	2	0	0	0	0	2
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
										84

PULPWOOD TALLY

DBH	Pine Pulpwood Tally				Hardwood Pulpwood Tally				
	SHORT(16ft)	MED.(20ft)	TALL(24ft)	E-TALL(28ft)	SHORT(16ft)	MED.(20ft)	TALL(24ft)	E-TALL(28ft)	
6	222	0	0	0	222	0	0	0	0
8	0	38	0	0	38	0	214	0	0
10	0	0	12	0	12	0	0	263	0
12	0	0	0	5	5	0	0	0	117
14	0	0	0	1	1	0	0	0	18
16	0	0	0	3	3	0	0	0	10
18	0	0	0	1	1	0	0	0	4
20	0	0	0	0	0	0	0	0	2
22	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0
					282				

Tally Information					Hickory Pulpwood Tally				
DBH	SHORT(16ft)	MED.(20ft)	TALL(24ft)	E-TALL(28ft)	DBH	SHORT(16ft)	MED.(20ft)	TALL(24ft)	E-TALL(28ft)
6	42	0	0	0	6	42	0	0	0
8	0	36	0	0	8	0	36	0	0
10	0	0	46	0	10	0	0	46	0
12	0	0	0	37	12	0	0	0	37
14	0	0	0	3	14	0	0	0	3
16	0	0	0	2	16	0	0	0	2
18	0	0	0	1	18	0	0	0	1
20	0	0	0	0	20	0	0	0	0
22	0	0	0	0	22	0	0	0	0
24	0	0	0	0	24	0	0	0	0

Downey Appraisal

Marshall, AL

Acres: 501 Plots: 251 B.U.F. 20.0

Cruiser(s): AWR Date: 1/3/2019

Specie:		Red Oak Grade							Total	
		1	1 1/2	2	2 1/2	3	3 1/2	4		
12		0	0	0	0	0	0	0	0	
14		0	0	0	0	0	0	0	0	
16		6	5	0	0	0	0	0	11	
18		2	8	9	1	0	0	0	20	
20		1	4	5	3	0	0	0	13	
22		0	4	4	0	0	0	0	8	
24		0	1	3	2	0	0	0	6	
26		0	0	2	0	0	0	0	2	
28		0	0	0	1	1	0	0	2	
30		0	0	0	0	0	0	0	0	
32		0	0	0	0	0	0	0	0	
34		0	0	1	0	0	0	0	1	
									Total	63

Specie:		White Oak Grade							Total	
		1	1 1/2	2	2 1/2	3	3 1/2	4		
12		0	0	0	0	0	0	0	0	
14		1	0	0	0	0	0	0	1	
16		11	4	4	0	0	0	0	19	
18		6	4	5	3	0	0	0	18	
20		3	5	10	6	0	0	0	24	
22		2	2	8	5	2	0	0	19	
24		1	1	1	2	0	0	0	5	
26		0	0	2	1	0	0	0	3	
28		0	1	1	0	0	0	0	2	
30		0	0	0	0	0	0	0	0	
32		0	0	0	0	0	0	0	0	
34		0	0	0	0	1	0	0	1	
									Total	92

Specie:		Oak Ties							Total	
		1	1 1/2	2	2 1/2	3	3 1/2	4		
12		40	3	0	0	0	0	0	43	
14		74	10	0	0	0	0	0	84	
16		23	17	9	0	0	0	0	49	
18		16	11	3	0	0	0	0	30	
20		9	5	1	0	0	0	0	15	
22		4	5	0	0	0	0	0	9	
24		1	1	1	0	0	0	0	3	
26		0	0	0	0	0	0	0	0	
28		0	0	0	0	0	0	0	0	
30		0	0	0	0	0	0	0	0	
32		0	0	0	0	0	0	0	0	
34		0	0	0	0	0	0	0	0	
									Total	233

Specie:		Poplar							Total	
		1	1 1/2	2	2 1/2	3	3 1/2	4		
12		1	0	0	0	0	0	0	1	
14		7	4	6	0	0	0	0	17	
16		4	5	12	4	0	0	0	25	
18		0	0	7	16	5	0	0	28	
20		0	2	2	6	12	1	0	23	
22		0	0	1	1	3	1	0	6	
24		0	0	0	3	2	0	0	5	
26		0	0	1	0	2	0	0	3	
28		0	0	0	0	3	0	0	3	
30		0	0	0	0	0	0	0	0	
32		0	0	0	0	0	0	0	0	
34		0	0	0	0	0	3	0	3	
									Total	114

Specie:		Hickory							Total	
		1	1 1/2	2	2 1/2	3	3 1/2	4		
12		3	0	1	0	0	0	0	4	
14		28	7	0	0	0	0	0	35	
16		19	17	9	1	0	0	0	46	
18		6	14	6	1	1	0	0	28	
20		7	10	6	2	0	0	0	25	
22		0	0	3	3	0	0	0	6	
24		0	1	1	0	0	0	0	2	
26		0	1	1	0	0	0	0	2	
28		0	0	0	1	0	0	0	1	
30		0	0	0	0	0	0	0	0	
32		0	0	0	0	0	0	0	0	
34		0	0	0	0	0	0	0	0	
									Total	149

Tract Name: Downey Appraisal
 County, State: Marshall, AL
 Date: 1/3/2019
 Acres: 501

Timber Description: Upland Hardwood

Legal Description: 0
 0

Tons Per Acre	CRUISED VOLUME	TONS CRUISED	STUMPAGE RATE	CUT & HAUL RATE	DELIVERED PRICE	TOTAL DOLLARS	DELIVERY POINT	MILES
2.4	441	1,180	\$4.00	\$0.00	\$0.00	\$4,718.70		53
5.9	412	2,963	\$18.00	\$0.00	\$0.00	\$53,335.58		84
1.3	225	653	\$10.00	\$0.00	\$0.00	\$6,525.00		84
0.0	-	-						
16.4	3,051	8,238	\$8.00	\$0.00	\$0.00	\$65,901.60		25
2.9	540	1,458	\$8.00	\$0.00	\$0.00	\$11,664.00		25
3.3	284	1,674	\$44.00	\$0.00	\$0.00	\$73,643.33		20
4.8	408	2,410	\$44.00	\$0.00	\$0.00	\$106,025.83		20
5.6	367	2,792	\$44.00	\$0.00	\$0.00	\$122,838.50		31
7.1	557	3,562	\$44.00	\$0.00	\$0.00	\$156,732.93		31
5.1	371	2,561	\$44.00	\$0.00	\$0.00	\$112,665.96		31
54.9 Total Tons		27,489		Estimated		\$ 714,051.43	Tract Value	
Tons / Acre		55		Return @	10.00%	\$71,405.14	Less	
Loads / Acre		2.11				642,646.29	BID PRICE	

Hardwood Volume Table
 Doyle
 Harvest Date in Months
 Annual Rate
 Bank Charges / Title expense 8.8%
 Roadwork Expense
 Total Misc. Cost \$0.00
 Actual percent return on investment \$0.11
 Actual Dollar return on investment \$ 71,405.14
 Breakeven Tract Price \$ 714,051.43

ADDITIONAL TRACT INFORMATION
 SPECIES
 REAL Bid Price includes Expenses

Species	Doyle Wt. Factor	Pine Plylog	Grade Pine	Red Oak Grade	White Oak Grade	oak Ties	Poplar	Hickory
Total Tons	27488.839							
Tons Per Acre	54.86794212							
Estimated Tract Profit	\$ 71,405.14							
Estimated Profit Per Ton	2.5976049							
Estimated Real R.O.I.	0.111111111							
Average \$ Per Ton Stumpage	23.37844407							
O & A (Overhead & Admin.)	\$0.00							
O & A Per Ton Cost	0							
Total Loads (Figured at 27.0 Tons/Load)	\$1,018.11							
Loads Per Acre	2.032146004							

Downey Appraisal

Marshall, AL

Acres: 501 Plots: 251
Cruiser(s): AWR

B.U.F. 20.00

Date: 1/3/2019

PST PLYLOGS

TREES IN EACH DIAMETER CLASS		PLYLOG VOLUMES	
10	0	-	
12	0	-	BF
14	0	-	BF
16	0	-	BF
18	0	-	BF
20	0	-	BF
22	0	-	BF
24	0	-	BF
26	0	-	BF
28	0	-	BF
30	0	-	BF
32	0	-	BF
TOTAL	0		
TOTAL PLY VOL.		-	BF

GRADE PINE

TREES IN EACH DIAMETER CLASS		PLYLOG VOLUMES	
10	0	-	
12	0	-	BF
14	60	5,580	BF
16	680	103,980	BF
18	360	83,600	BF
20	400	133,560	BF
22	140	63,380	BF
24	40	21,440	BF
26	0	-	BF
28	0	-	BF
30	0	-	BF
32	0	-	BF
TOTAL	1680		
TOTAL GRADE VOL.		411,540	BF

LOBLOLLY PINE C-N-S

TREES IN EACH DIAMETER CLASS		CNS VOLUMES	
8	620	34.02	CDS
10	780	80.16	CDS
12	500	88.50	CDS
14	100	22.46	CDS
TOTAL	2000		
TOTAL CNS VOL.		225.14	CDS

PINE PULPWOOD

TREES IN EACH DIAMETER CLASS		PPW VOLUMES	
6	4440	133	CDS
8	760	61	CDS
10	240	41	CDS
12	100	33	CDS
14	20	9	CDS
16	60	27	CDS
18	20	14	CDS
20	0	0	CDS
22	0	0	CDS
24	0	0	CDS
TOTAL	0		
Top Wood Conv.	PPW VOL.	317.2	CDS
0.3	TOTAL TOPWOOD	123	CDS
TOTAL PINE PULPWOOD		440.7	CDS

VIRGINIA PINE C-N-S

TREES IN EACH DIAMETER CLASS		CNS VOLUMES	
8	0	-	CDS
10	0	-	CDS
12	0	-	CDS
14	0	-	CDS
TOTAL	0		
TOTAL CNS VOL.		-	CDS

PST & C-N-S INFORMATION

	GRADE	PLYLOG	C-N-S
Quality			
Avg. Vol/Tree	245	#DIV/0!	0.113
Avg D.B.H.	18.0	#DIV/0!	10.1
Avg. Tree Ht.	3.01	#DIV/0!	1.70
Vol./17 ft. Log	81	#DIV/0!	0.066412979
Total Logs	5050	0	3390
Doyle Wt. Factor	7.2	#DIV/0!	N/A
Volume per Acre	6	#VALUE!	1
Total Tract Tons per Acre	55		

Downey Appraisal

Marshall, AL

Acres: 501 Plots: 251

B.U.F. 20.00

Cruiser(s): AWR

Date: 1/3/2019

Red Oak Grade

TREES IN EACH DIAMETER CLASS	HST VOLUMES		
12	0	0	BF
14	0	0	BF
16	220	18040	BF
18	400	58440	BF
20	260	55260	BF
22	160	42320	BF
24	120	45380	BF
26	40	18360	BF
28	40	28000	BF
30	0	0	BF
32	0	0	BF
34	20	17880	BF
TOTAL	1260		
TOTAL HST VOL.	283,680		BF

International

360,340

White Oak Grade

TREES IN EACH DIAMETER CLASS	HST VOLUMES		
12	0	0	BF
14	20	960	BF
16	380	32640	BF
18	360	50360	BF
20	480	102420	BF
22	380	113600	BF
24	100	34900	BF
26	60	29140	BF
28	40	19700	BF
30	0	0	BF
32	0	0	BF
34	20	24700	BF
TOTAL	1840		
TOTAL HST VOL.	408,420		BF

Oak Ties

TREES IN EACH DIAMETER CLASS	HST VOLUMES		
12	860	25360	BF
14	1680	83440	BF
16	980	85960	BF
18	600	70880	BF
20	300	46800	BF
22	180	37320	BF
24	60	17580	BF
26	0	0	BF
28	0	0	BF
30	0	0	BF
32	0	0	BF
34	0	0	BF
TOTAL	4660		
TOTAL HST VOL.	367,340		BF

International

540,180

Poplar

TREES IN EACH DIAMETER CLASS	HST VOLUMES		
12	20	580	BF
14	340	20680	BF
16	500	53560	BF
18	560	105260	BF
20	460	125240	BF
22	120	44840	BF
24	100	45820	BF
26	60	33940	BF
28	60	45000	BF
30	0	0	BF
32	0	0	BF
34	60	81660	BF
TOTAL	2280		
TOTAL HST VOL.	556,580		BF

HARDWOOD PULPWOOD

TREES IN EACH DIAMETER CLASS	HPW VOLUMES		
6	3880	116.4	CDS
8	4280	342.4	CDS
10	5260	894.2	CDS
12	2340	772.2	CDS
14	360	158.4	CDS
16	200	90	CDS
18	80	50.4	CDS
20	40	30.4	CDS
22	0	0	CDS
24	0	0	CDS
TOTAL	16440		
TOTAL HPW VOL.	2454		CDS

Top Wood HPW 596.136
Total HPW 3051

Hickory

TREES IN EACH DIAMETER CLASS	HST VOLUMES		
12	80	2600	BF
14	700	35560	BF
16	920	82840	BF
18	560	76740	BF
20	500	92340	BF
22	120	38340	BF
24	40	13260	BF
26	40	16420	BF
28	20	13000	BF
30	0	0	BF
32	0	0	BF
34	0	0	BF
TOTAL	2980		
TOTAL HST VOL.	371,100		BF

HICKORY PULPWOOD

TREES IN EACH DIAMETER CLASS	HPW VOLUMES		
6	840	25.2	CDS
8	720	57.6	CDS
10	920	156.4	CDS
12	740	244.2	CDS
14	60	26.4	CDS
16	40	18	CDS
18	20	12.6	CDS
20	0	0	CDS
22	0	0	CDS
24	0	0	CDS
TOTAL	3340		
TOTAL HICK. PW VOL.	540		CDS

Avg. Vol/Tree
Avg D.B.H.
Avg. Tree Ht.
Vol./17 ft. Log
Total Logs
Doyle Wt. Factor
Volume per Acre
Total Tract Tons per Acre

	Red Oak Grade	White Oak Grade	Oak Ties	Poplar
Avg. Vol/Tree	225	222	79	244
Avg D.B.H.	20.0	19.9	15.4	18.7
Avg. Tree Ht.	1.8	1.8	1.2	2.3
Vol./17 ft. Log	128	125	67	107
Total Logs	2210	3260	5460	5200
Doyle Wt. Factor	5.9	5.9	7.6	6.4
Volume per Acre	3	5	6	7
Total Tract Tons per Acre		55		

WEIGHT FACTOR TABLE

Typical HSE Code

Vol / Lag Doyle	Weight Factor
17	11.8
18	11.8
19	11.8
20	11.8
21	11.8
22	11.8
23	11.8
24	11.8
25	11.8
26	11.8
27	11.8
28	11.8
29	11.8
30	11.8
31	11.8
32	11.8
33	11.8
34	11.8
35	11.8
36	11.8
37	11.8
38	11.8
39	11.8
40	11.8
41	11.8
42	11.8
43	11.8
44	11.8
45	11.8
46	11.8
47	11.8
48	11.8
49	11.8
50	11.8
51	11.8
52	11.8
53	11.8
54	11.8
55	11.8
56	11.8
57	11.8
58	11.8
59	11.8
60	11.8
61	11.8
62	11.8
63	11.8
64	11.8
65	11.8
66	11.8
67	11.8
68	11.8
69	11.8
70	11.8
71	11.8
72	11.8
73	11.8
74	11.8
75	11.8
76	11.8
77	11.8
78	11.8
79	11.8
80	11.8
81	11.8
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198	11.8
199	11.8
200	11.8

456

Tract Name:	Downey Apprasial II
County, State:	Marshall, AL
Date:	1/3/2018
Acres:	501.00
Plots:	250.50
Timber Description:	Upland Hardwood
Legal Description:	
Cruiser(s):	AWR

Downey Appraisal II

Marshall, AL

Acres: 501 Plots: 251 B.U.F. 20.00 Wt. Factor(Grac #DIV/0! Wt. Factor(Grac #DIV/0!

Cruiser(s): AWR Date: 1/3/2018

PINE LOG TALLY

Chip-N-Saw Loblolly

DBH	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	Check Total
8	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0

Chip-N-Saw (Virginia)

DBH	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	Check Total
8	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0

Pine Plylog

DBH	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	Check Total
10	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0
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
22	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0
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

Grade Pine

DBH	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	Check Total
10	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0
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
22	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0
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

PULPWOOD TALLY

Pine Pulpwood					Hardwood Pulpwood				
DBH	Tally				DBH	Tally			
	SHORT(16ft)	MED.(20ft)	TALL(24ft)	E-TALL(28ft)		SHORT(16ft)	MED.(20ft)	TALL(24ft)	E-TALL(28ft)
6	0	0	0	0	6	0	0	0	0
8	0	0	0	0	8	0	0	0	0
10	0	0	0	0	10	0	0	0	0
12	0	0	0	0	12	0	0	0	0
14	0	0	0	0	14	0	0	0	0
16	0	0	0	0	16	0	0	0	0
18	0	0	0	0	18	0	0	0	0
20	0	0	0	0	20	0	0	0	0
22	0	0	0	0	22	0	0	0	0
24	0	0	0	0	24	0	0	0	0

Tally Information

Hickory Pulpwood				
DBH	Tally			
	SHORT(16ft)	MED.(20ft)	TALL(24ft)	E-TALL(28ft)
6	0	0	0	0
8	0	0	0	0
10	0	0	0	0
12	0	0	0	0
14	0	0	0	0
16	0	0	0	0
18	0	0	0	0
20	0	0	0	0
22	0	0	0	0
24	0	0	0	0

Downey Appraisal II

Marshall, AL

Acres: 501 Plots: 251 B.U.F. 20.0

Cruiser(s): AWR Date: 1/3/2018

Specie:		Black Cherry							Total	
		1	1 1/2	2	2 1/2	3	3 1/2	4		
12		1	0	0	0	0	0		1	
14		1	0	0	0	0	0		1	
16		1	2	0	0	0	0	0	3	
18		0	0	1	0	0	0	0	1	
20		0	0	0	0	0	0	0	0	
22		0	1	0	0	0	0	0	1	
24		0	0	0	0	0	0	0	0	
26		0	0	0	0	0	0	0	0	
28		0	0	0	0	0	0	0	0	
30		0	0	0	0	0	0	0	0	
32		0	0	0	0	0	0	0	0	
34		0	0	0	0	0	0	0	0	
									Total	7

Specie:		Chestnut Oak							Total	
		1	1 1/2	2	2 1/2	3	3 1/2	4		
12		1	0	0	0	0	0		1	
14		13	0	0	0	0	0		13	
16		18	15	5	0	0	0	0	38	
18		6	20	9	0	1	0	0	36	
20		5	13	26	7	0	0	0	51	
22		0	12	11	1	0	0	0	24	
24		0	2	4	3	0	0	0	9	
26		0	1	1	0	1	0	0	3	
28		0	1	0	1	0	0	0	2	
30		0	0	0	1	1	0	0	2	
32		0	0	2	0	0	0	0	2	
34		0	0	0	0	0	0	0	0	
									Total	181

Specie:		Ash							Total	
		1	1 1/2	2	2 1/2	3	3 1/2	4		
12		0	0	0	0	0	0		0	
14		0	0	0	0	0	0		0	
16		4	1	0	0	0	0	0	5	
18		0	0	0	0	0	0	0	0	
20		0	0	0	0	1	0	0	1	
22		1	0	0	0	0	0	0	1	
24		0	0	0	0	0	0	0	0	
26		0	0	0	0	0	0	0	0	
28		0	0	0	0	0	0	0	0	
30		0	0	0	0	0	0	0	0	
32		0	0	0	0	0	0	0	0	
34		0	0	0	0	0	0	0	0	
									Total	7

Specie:		Sweetgum							Total	
		1	1 1/2	2	2 1/2	3	3 1/2	4		
12		4	0	0	0	0	0		4	
14		9	8	0	0	0	0		17	
16		4	6	5	6	0	0	0	21	
18		0	1	1	5	0	0	0	7	
20		0	0	1	8	2	0	0	11	
22		0	0	1	1	3	0	0	5	
24		0	1	0	1	0	0	0	2	
26		0	0	0	0	1	0	0	1	
28		0	0	0	0	0	0	0	0	
30		0	0	0	0	0	0	0	0	
32		0	0	0	0	0	0	0	0	
34		0	0	0	0	0	0	0	0	
									Total	68

Specie:		Misc. Tielogs							Total	
		1	1 1/2	2	2 1/2	3	3 1/2	4		
12		4	0	0	0	0	0		4	
14		3	0	0	0	0	0		3	
16		2	1	0	0	0	0	0	3	
18		1	1	0	0	0	0	0	2	
20		2	0	1	0	0	0	0	3	
22		0	0	0	0	0	0	0	0	
24		0	0	0	0	0	0	0	0	
26		0	0	0	0	0	0	0	0	
28		0	0	0	0	0	0	0	0	
30		0	0	0	0	0	0	0	0	
32		0	0	0	0	0	0	0	0	
34		0	0	0	0	0	0	0	0	
									Total	15

Tract Name: Downey Appraisal II
 County, State: Marshall, AL
 Date: 1/3/2018
 Acres: 501

Timber Description: Upland Hardwood

Legal Description: 0
 0

Tons Per Acre	CRUISED VOLUME	TONS CRUISED	STUMPAGE RATE	CUT & HAUL RATE	DELIVERED PRICE	TOTAL DOLLARS	DELIVERY POINT	MILES
0.0	-	-		\$0.00	\$0.00			53
	-	-		\$0.00	\$0.00			
0.0	-	-		\$0.00	\$0.00			84
0.0	-	-		\$0.00	\$0.00			84
1.6	291	786	\$8.00	\$0.00	\$0.00	\$6,285.60		
0.0	-	-		\$0.00	\$0.00			
0.2	15	106	\$44.00	\$0.00	\$0.00	\$4,656.96		25
8.5	702	4,279	\$44.00	\$0.00	\$0.00	\$188,287.97		20
0.2	17	116	\$44.00	\$0.00	\$0.00	\$5,104.35		20
3.0	212	1,503	\$44.00	\$0.00	\$0.00	\$66,110.09		31
0.4	25	181	\$44.00	\$0.00	\$0.00	\$7,977.20		31
Total Tons Per Acre		13.9 Total Tons		Estimated		\$278,422.17	Tract Value	
		Tons / Acre	14	Return @		\$27,842.22	Less	
Hardwood Volume Table		Loads / Acre	0.54			\$250,579.95	BID PRICE	
		Doyle	Harvest Date in Months	Annual Rate		\$0.00	Interest Expense	
				8.8%		250,579.95	Actual Cost after Interest	

ADDITIONAL TRACT INFORMATION

Bank Charges / Title expense \$
 Roadwork Expense \$
 Total Misc. Cost \$0.00

250,579.95 REAL Bid Price includes Expenses

Actual percent return on investment \$ 0.11
 Actual Dollar return on Investment \$ 27,842.22
 Breakeven Tract Price \$ 278,422.17

Doyle Wt. Factor	Pine Plylog	#DIV/0!
Doyle Wt. Factor	Grade Pine	#DIV/0!
Doyle Wt. Factor	Black Cherry	7.2
Doyle Wt. Factor	Chestnut Oak	6.1
Doyle Wt. Factor	Ash	6.8
Doyle Wt. Factor	Sweetgum	7.1
Doyle Wt. Factor	Misc. Tielogs	7.4

Total Tons	6970.622
Tons Per Acre	13.91341717
Estimated Tract Profit	\$ 27,842.22
Estimated Profit Per Ton	3.99422273
Estimated Real R.O.I.	0.111111111
Average \$ Per Ton Stumpage	35.94800453
O & A (Overhead & Admin.)	\$0.00
O & A Per Ton Cost	0
Total Loads (Figured at 27.0 Tons/Load)	\$258.17
Loads Per Acre	0.515311747

Downey Appraisal II

Marshall, AL

Acres: 501 Plots: 251
Cruiser(s): AWR

B.U.F. 20.00

Date: 1/3/2018

PST PLYLOGS

TREES IN EACH DIAMETER CLASS		PLYLOG VOLUMES	
10	0	-	
12	0	-	BF
14	0	-	BF
16	0	-	BF
18	0	-	BF
20	0	-	BF
22	0	-	BF
24	0	-	BF
26	0	-	BF
28	0	-	BF
30	0	-	BF
32	0	-	BF
TOTAL	0		
TOTAL PLY VOL.		-	BF

GRADE PINE

TREES IN EACH DIAMETER CLASS		PLYLOG VOLUMES	
10	0	-	
12	0	-	BF
14	0	-	BF
16	0	-	BF
18	0	-	BF
20	0	-	BF
22	0	-	BF
24	0	-	BF
26	0	-	BF
28	0	-	BF
30	0	-	BF
32	0	-	BF
TOTAL	0		
TOTAL GRADE VOL.		-	BF

LOBLOLLY PINE C-N-S

TREES IN EACH DIAMETER CLASS		CNS VOLUMES	
8	0	-	CDS
10	0	-	CDS
12	0	-	CDS
14	0	-	CDS
TOTAL	0		
TOTAL CNS VOL.		-	CDS

PINE PULPWOOD

TREES IN EACH DIAMETER CLASS		PPW VOLUMES	
6	0	0	CDS
8	0	0	CDS
10	0	0	CDS
12	0	0	CDS
14	0	0	CDS
16	0	0	CDS
18	0	0	CDS
20	0	0	CDS
22	0	0	CDS
24	0	0	CDS
TOTAL	0		
Top Wood Conv.	PPW VOL.	0.0	CDS
0.3	TOTAL TOPWOOD	-	CDS
TOTAL PINE PULPWOOD		0.0	CDS

VIRGINIA PINE C-N-S

TREES IN EACH DIAMETER CLASS		CNS VOLUMES	
8	0	-	CDS
10	0	-	CDS
12	0	-	CDS
14	0	-	CDS
TOTAL	0		
TOTAL CNS VOL.		-	CDS

PST & C-N-S INFORMATION

	GRADE	PLYLOG	C-N-S
Quality			
Avg. Vol/Tree	#DIV/0!	#DIV/0!	#DIV/0!
Avg D.B.H.	#DIV/0!	#DIV/0!	#DIV/0!
Avg. Tree Ht.	#DIV/0!	#DIV/0!	#DIV/0!
Vol./17 ft. Log	#DIV/0!	#DIV/0!	#DIV/0!
Total Logs	0	0	0
Doyle Wt. Factor	#DIV/0!	#DIV/0!	N/A
Volume per Acre	#VALUE!	#VALUE!	-
Total Tract Tons per Acre	14		

Downey Appraisal II

Marshall, AL

Acres: 501

Plots: 251

B.U.F. 20.00

Cruiser(s): AWR

Date: 1/3/2018

Black Cherry

TREES IN EACH DIAMETER CLASS		HST VOLUMES	
12	20	580	BF
14	20	960	BF
16	60	5200	BF
18	20	3280	BF
20	0	0	BF
22	20	4680	BF
24	0	0	BF
26	0	0	BF
28	0	0	BF
30	0	0	BF
32	0	0	BF
34	0	0	BF
TOTAL	140		
TOTAL HST VOL.		14,700	BF

International

20,980

Chestnut Oak

TREES IN EACH DIAMETER CLASS		HST VOLUMES	
12	20	580	BF
14	260	12480	BF
16	760	65720	BF
18	720	98620	BF
20	1020	213840	BF
22	480	127940	BF
24	180	67300	BF
26	60	28800	BF
28	40	21680	BF
30	40	33520	BF
32	40	31040	BF
34	0	0	BF
TOTAL	3620		
TOTAL HST VOL.		701,520	BF

Ash

TREES IN EACH DIAMETER CLASS		HST VOLUMES	
12	0	0	BF
14	0	0	BF
16	100	7640	BF
18	0	0	BF
20	20	5940	BF
22	20	3480	BF
24	0	0	BF
26	0	0	BF
28	0	0	BF
30	0	0	BF
32	0	0	BF
34	0	0	BF
TOTAL	140		
TOTAL HST VOL.		17,060	BF

International

23,580

Sweetgum

TREES IN EACH DIAMETER CLASS		HST VOLUMES	
12	80	2320	BF
14	340	18560	BF
16	420	44480	BF
18	140	24920	BF
20	220	58140	BF
22	100	36300	BF
24	40	14520	BF
26	20	12380	BF
28	0	0	BF
30	0	0	BF
32	0	0	BF
34	0	0	BF
TOTAL	1360		
TOTAL HST VOL.		211,620	BF

HARDWOOD PULPWOOD

TREES IN EACH DIAMETER CLASS		HPW VOLUMES	
6	0	0	CDS
8	0	0	CDS
10	0	0	CDS
12	0	0	CDS
14	0	0	CDS
16	0	0	CDS
18	0	0	CDS
20	0	0	CDS
22	0	0	CDS
24	0	0	CDS
TOTAL	0		
TOTAL HPW VOL.		0	CDS

Top Wood HPW 290.82
Total HPW 291

Misc. Tielogs

TREES IN EACH DIAMETER CLASS		HST VOLUMES	
12	80	2320	BF
14	60	2880	BF
16	60	4760	BF
18	40	4640	BF
20	60	9900	BF
22	0	0	BF
24	0	0	BF
26	0	0	BF
28	0	0	BF
30	0	0	BF
32	0	0	BF
34	0	0	BF
TOTAL	300		
TOTAL HST VOL.		24,500	BF

HICKORY PULPWOOD

TREES IN EACH DIAMETER CLASS		HPW VOLUMES	
6	0	0	CDS
8	0	0	CDS
10	0	0	CDS
12	0	0	CDS
14	0	0	CDS
16	0	0	CDS
18	0	0	CDS
20	0	0	CDS
22	0	0	CDS
24	0	0	CDS
TOTAL	0		
TOTAL HICK. PW VOL.		0	CDS

Avg. Vol/Tree
Avg D.B.H.
Avg. Tree Ht.
Vol./17 ft. Log
Total Logs
Doyle Wt. Factor
Volume per Acre
Total Tract Tons per Acre

	<i>Black Cherry</i>	<i>Chestnut Oak</i>	<i>Ash</i>	<i>Sweetgum</i>
Avg. Vol/Tree	105	194	122	156
Avg D.B.H.	16.3	19.2	17.4	16.9
Avg. Tree Ht.	1.4	1.6	1.4	1.9
Vol./17 ft. Log	77	118	90	83
Total Logs	190	5930	190	2550
Doyle Wt. Factor	7.2	6.1	6.8	7.1
Volume per Acre	0	9	0	3
Total Tract Tons per Acre		14		

WEIGHT FACTOR TABLE	
Form 1/MSF 2006	
Vol / Log Dryin	Weight Factor
17	15.8
18	15.8
19	16.3
20	13.8
21	1.4
22	15.1
23	12.8
24	12.4
25	12.1
26	12.5
27	12
28	13.8
29	11.7
30	15.8
31	11.8
32	13.1
33	15.8
34	18.7
35	12.8
36	16.5
37	15.1
38	16.2
39	15
40	16.4
41	15
42	15.7
43	15.7
44	15.1
45	15.4
47	15.1
48	15.1
49	15.1
50	15.8
51	15.1
52	15.7
53	15.8
54	15.8
55	15.4
56	15.1
57	15.1
58	15.1
59	15.1
60	15.1
61	15.1
62	15.1
63	15.1
64	15.1
65	15.1
66	15.1
67	15.1
68	15.1
69	15.1
70	15.1
71	15.1
72	15.1
73	15.1
74	15.1
75	15.1
76	15.1
77	15.1
78	15.1
79	15.1
80	15.1
81	15.1
82	15.1
83	15.1
84	15.1
85	15.1
86	15.1
87	15.1
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137	15.1
138	15.1
139	15.1
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194	15.1
195	15.1
196	15.1
197	15.1
198	15.1
199	15.1
200	15.1

Tract Name:	Downey (Marginal)
County, State:	Marshall, AL
Date:	1/4/2019
Acres:	38.00
Plots:	19.00
Timber Description:	Upland Hardwood
Legal Description:	
Cruiser(s):	GT & AWR

Downey (Marginal)

Marshall, AL

Acres: 38 Plots: 19 B.U.F. 20.00 Wt. Factor(Grac 8.2 Wt. Factor(Grac #DIV/0!

Cruiser(s): GT & AWR Date: 1/4/2019

PINE LOG TALLY

Chip-N-Saw Loblolly

DBH	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	Check Total
8	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0

Chip-N-Saw (Virginia)

DBH	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	Check Total
8	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0

Pine Plylog

DBH	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	Check Total
10	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0
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
22	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0
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

Grade Pine

DBH	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	Check Total
10	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0
16	0	0	1	1	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0
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

PULPWOOD TALLY

Pine Pulpwood					Hardwood Pulpwood				
DBH	Tally				DBH	Tally			
	SHORT(16ft)	MED.(20ft)	TALL(24ft)	E-TALL(28ft)		SHORT(16ft)	MED.(20ft)	TALL(24ft)	E-TALL(28ft)
6	0	0	0	0	6	17	0	0	0
8	0	2	0	0	8	0	29	0	0
10	0	0	0	0	10	0	0	20	0
12	0	0	0	1	12	0	0	0	9
14	0	0	0	0	14	0	0	0	1
16	0	0	0	0	16	0	0	0	0
18	0	0	0	0	18	0	0	0	0
20	0	0	0	0	20	0	0	0	0
22	0	0	0	0	22	0	0	0	0
24	0	0	0	0	24	0	0	0	0

Tally Information

Hickory Pulpwood				
DBH	Tally			
	SHORT(16ft)	MED.(20ft)	TALL(24ft)	E-TALL(28ft)
6	0	0	0	0
8	0	4	0	0
10	0	0	0	0
12	0	0	0	1
14	0	0	0	0
16	0	0	0	0
18	0	0	0	0
20	0	0	0	0
22	0	0	0	0
24	0	0	0	0

Downey (Marginal)

Marshall, AL

Acres: 38 Plots: 19 B.U.F. 20.0
 Cruiser(s): GT & AWR Date: 1/4/2019

Specie:		Red Oak Grade							Total
		1	1 1/2	2	2 1/2	3	3 1/2	4	
12		0	0	0	0	0	0	0	0
14		0	0	0	0	0	0	0	0
16		0	1	0	0	0	0	0	1
18		0	1	1	0	0	0	0	2
20		0	1	0	1	0	0	0	2
22		0	0	0	0	0	0	0	0
24		0	0	0	0	0	0	0	0
26		0	0	0	0	0	0	0	0
28		0	0	0	0	0	0	0	0
30		0	0	0	0	0	0	0	0
32		0	0	0	0	0	0	0	0
34		0	0	0	0	0	0	0	0
									Total

Specie:		White Oak Grade							Total
		1	1 1/2	2	2 1/2	3	3 1/2	4	
12		0	0	0	0	0	0	0	0
14		0	0	0	0	0	0	0	0
16		1	0	0	0	0	0	0	1
18		0	0	0	0	0	0	0	0
20		0	0	0	0	0	0	0	0
22		0	0	0	0	0	0	0	0
24		0	0	0	0	0	0	0	0
26		0	0	0	0	0	0	0	0
28		0	0	0	0	0	0	0	0
30		0	0	0	1	0	0	0	1
32		0	0	0	0	0	0	0	0
34		0	0	0	0	0	0	0	0
									Total

Specie:		Oak Ties							Total
		1	1 1/2	2	2 1/2	3	3 1/2	4	
12		1	0	0	0	0	0	0	1
14		4	0	0	0	0	0	0	4
16		4	1	1	0	0	0	0	6
18		3	1	0	0	0	0	0	4
20		2	1	0	0	0	0	0	3
22		1	0	0	0	0	0	0	1
24		1	0	0	0	0	0	0	1
26		0	0	0	0	0	0	0	0
28		0	0	0	0	0	0	0	0
30		0	0	0	0	0	0	0	0
32		0	0	0	0	0	0	0	0
34		0	0	0	0	0	0	0	0
									Total

Specie:		Poplar							Total
		1	1 1/2	2	2 1/2	3	3 1/2	4	
12		0	0	0	0	0	0	0	0
14		0	0	0	0	0	0	0	0
16		0	0	1	0	0	0	0	1
18		0	0	1	0	0	0	0	1
20		0	0	0	1	0	0	0	1
22		0	0	0	0	0	0	0	0
24		0	0	0	0	0	0	0	0
26		0	0	0	0	0	0	0	0
28		0	0	0	0	0	0	0	0
30		0	0	0	0	0	0	0	0
32		0	0	0	0	0	0	0	0
34		0	0	0	0	0	0	0	0
									Total

Specie:		Misc. Hdwd Saw.							Total
		1	1 1/2	2	2 1/2	3	3 1/2	4	
12		0	0	0	0	0	0	0	0
14		1	2	0	0	0	0	0	3
16		5	2	1	0	0	0	0	8
18		1	1	0	1	0	0	0	3
20		1	2	1	0	0	0	0	4
22		0	2	1	1	0	0	0	4
24		0	0	0	0	0	0	0	0
26		0	0	0	0	0	0	0	0
28		0	0	0	0	0	0	0	0
30		0	0	0	0	0	0	0	0
32		0	0	0	0	0	0	0	0
34		0	0	0	0	0	0	0	0
									Total

Tract Name: Downey (Marginal)
 County, State: Marshall, AL
 Date: 1/4/2019
 Acres: 38

Timber Description: Upland Hardwood

Legal Description: 0
 0

Tons Per Acre	CRUISED VOLUME	TONS CRUISED	STUMPAGE RATE	CUT & HAUL RATE	DELIVERED PRICE	TOTAL DOLLARS	DELIVERY POINT	MILES
0.8	11	29	\$4.00	\$0.00	\$0.00	\$117.70		53
1.2	5	44	\$18.00	\$0.00	\$0.00	\$791.14		84
0.0	-	-	-	\$0.00	\$0.00	\$0.00		84
0.0	-	-	-	\$0.00	\$0.00	\$0.00		84
16.8	237	640	\$8.00	\$0.00	\$0.00	\$5,119.20		25
0.9	13	35	\$8.00	\$0.00	\$0.00	\$280.80		25
2.9	17	111	\$44.00	\$0.00	\$0.00	\$4,899.58		20
2.3	17	88	\$44.00	\$0.00	\$0.00	\$3,889.60		20
7.2	40	275	\$44.00	\$0.00	\$0.00	\$12,089.35		31
2.0	11	77	\$44.00	\$0.00	\$0.00	\$3,380.17		31
10.7	62	407	\$44.00	\$0.00	\$0.00	\$17,917.68		31
44.9 Total Tons		1,707		Estimated		\$ 48,485.21	Tract Value	
Tons / Acre		45		Return @		\$4,848.52	Less	
Loads / Acre		1.73				\$ 43,636.69	BID PRICE	

Hardwood Volume Table
 Doyle
 Harvest Date in Months
 Annual Rate

ADDITIONAL TRACT INFORMATION
 Bank Charges / Title expense 8.8%
 Roadwork Expense
 Total Misc. Cost
 Actual percent return on Investment
 Actual Dollar return on Investment
 Breakeven Tract Price

SPECIES
 \$ 43,636.69
 \$ 48,485.21
 \$ 0.11
 \$ 4,848.52
 \$ 48,485.21

REAL Bid Price includes Expenses

Total Tons	1706.931
Tons Per Acre	44.91923684
Estimated Tract Profit	\$ 4,848.52
Estimated Profit Per Ton	2.84049045
Estimated Real R.O.I.	0.111111111
Average \$ Per Ton Stumpage	25.56441403
O & A (Overhead & Admin.)	\$0.00
O & A Per Ton Cost	0
Total Loads (Figured at 27.0 Tons/Load)	\$63.22
Loads Per Acre	1.663675439

Doyle Wt. Factor	Pine Plylog	#DIV/0!
Doyle Wt. Factor	Grade Pine	8.2
Doyle Wt. Factor	Red Oak Grade	6.7
Doyle Wt. Factor	White Oak Grade	5.2
Doyle Wt. Factor	Oak Ties	6.9
Doyle Wt. Factor	Poplar	7.1
Doyle Wt. Factor	Misc. Hdwd Saw.	6.6

Acres: 38 Plots: 19
 Cruiser(s): GT & AWR

B.U.F. 20.00

Date: 1/4/2019

PST PLYLOGS

TREES IN EACH DIAMETER CLASS		PLYLOG VOLUMES	
10	0	-	
12	0	-	BF
14	0	-	BF
16	0	-	BF
18	0	-	BF
20	0	-	BF
22	0	-	BF
24	0	-	BF
26	0	-	BF
28	0	-	BF
30	0	-	BF
32	0	-	BF
TOTAL	0		
TOTAL PLY VOL.		-	BF

GRADE PINE

TREES IN EACH DIAMETER CLASS		PLYLOG VOLUMES	
10	0	-	
12	0	-	BF
14	0	-	BF
16	40	5,360	BF
18	0	-	BF
20	0	-	BF
22	0	-	BF
24	0	-	BF
26	0	-	BF
28	0	-	BF
30	0	-	BF
32	0	-	BF
TOTAL	40		
TOTAL GRADE VOL.		5,360	BF

LOBLOLLY PINE C-N-S

TREES IN EACH DIAMETER CLASS		CNS VOLUMES	
8	0	-	CDS
10	0	-	CDS
12	0	-	CDS
14	0	-	CDS
TOTAL	0		
TOTAL CNS VOL.		-	CDS

PINE PULPWOOD

TREES IN EACH DIAMETER CLASS		PPW VOLUMES	
6	0	0	CDS
8	40	3	CDS
10	0	0	CDS
12	20	7	CDS
14	0	0	CDS
16	0	0	CDS
18	0	0	CDS
20	0	0	CDS
22	0	0	CDS
24	0	0	CDS
TOTAL	0		
Top Wood Conv.	PPW VOL.	9.8	CDS
0.3	TOTAL TOPWOOD	2	CDS
	TOTAL PINE PULPWOOD	11.4	CDS

VIRGINIA PINE C-N-S

TREES IN EACH DIAMETER CLASS		CNS VOLUMES	
8	0	-	CDS
10	0	-	CDS
12	0	-	CDS
14	0	-	CDS
TOTAL	0		
TOTAL CNS VOL.		-	CDS

PST & C-N-S INFORMATION

	GRADE	PLYLOG	C-N-S
Quality			
Avg. Vol/Tree	134	#DIV/0!	#DIV/0!
Avg D.B.H.	16.0	#DIV/0!	#DIV/0!
Avg. Tree Ht.	2.25	#DIV/0!	#DIV/0!
Vol./17 ft. Log	60	#DIV/0!	#DIV/0!
Total Logs	90	0	0
Doyle Wt. Factor	8.2	#DIV/0!	N/A
Volume per Acre	1	#VALUE!	-
Total Tract Tons per Acre	45		

Red Oak Grade			
TREES IN EACH DIAMETER CLASS	HST VOLUMES		
12	0	0	BF
14	0	0	BF
16	20	1880	BF
18	40	5920	BF
20	40	8820	BF
22	0	0	BF
24	0	0	BF
26	0	0	BF
28	0	0	BF
30	0	0	BF
32	0	0	BF
34	0	0	BF
TOTAL	100		
TOTAL HST VOL.	16,620		BF

International

22,840

White Oak Grade			
TREES IN EACH DIAMETER CLASS	HST VOLUMES		
12	0	0	BF
14	0	0	BF
16	20	1440	BF
18	0	0	BF
20	0	0	BF
22	0	0	BF
24	0	0	BF
26	0	0	BF
28	0	0	BF
30	20	15560	BF
32	0	0	BF
34	0	0	BF
TOTAL	40		
TOTAL HST VOL.	17,000		BF

Oak Ties			
TREES IN EACH DIAMETER CLASS	HST VOLUMES		
12	20	580	BF
14	80	3840	BF
16	120	9960	BF
18	80	8640	BF
20	60	9000	BF
22	20	3480	BF
24	20	4320	BF
26	0	0	BF
28	0	0	BF
30	0	0	BF
32	0	0	BF
34	0	0	BF
TOTAL	400		
TOTAL HST VOL.	39,820		BF

International

54,900

Poplar			
TREES IN EACH DIAMETER CLASS	HST VOLUMES		
12	0	0	BF
14	0	0	BF
16	20	2320	BF
18	20	3280	BF
20	20	5220	BF
22	0	0	BF
24	0	0	BF
26	0	0	BF
28	0	0	BF
30	0	0	BF
32	0	0	BF
34	0	0	BF
TOTAL	60		
TOTAL HST VOL.	10,820		BF

HARDWOOD PULPWOOD			
TREES IN EACH DIAMETER CLASS	HPW VOLUMES		
6	340	10.2	CDS
8	580	46.4	CDS
10	400	68	CDS
12	180	59.4	CDS
14	20	8.8	CDS
16	0	0	CDS
18	0	0	CDS
20	0	0	CDS
22	0	0	CDS
24	0	0	CDS
TOTAL	1520		
TOTAL HPW VOL.	193		CDS

Top Wood HPW 43.788
 Total HPW 237

Misc. Hwd Saw.			
TREES IN EACH DIAMETER CLASS	HST VOLUMES		
12	0	0	BF
14	60	3440	BF
16	160	13280	BF
18	60	8440	BF
20	80	14400	BF
22	80	22140	BF
24	0	0	BF
26	0	0	BF
28	0	0	BF
30	0	0	BF
32	0	0	BF
34	0	0	BF
TOTAL	440		
TOTAL HST VOL.	61,700		BF

HICKORY PULPWOOD			
TREES IN EACH DIAMETER CLASS	HPW VOLUMES		
6	0	0	CDS
8	80	6.4	CDS
10	0	0	CDS
12	20	6.6	CDS
14	0	0	CDS
16	0	0	CDS
18	0	0	CDS
20	0	0	CDS
22	0	0	CDS
24	0	0	CDS
TOTAL	100		
TOTAL HICK. PW VOL.	13		CDS

	Red Oak Grade	White Oak Grade	Oak Ties	Poplar
Avg. Vol/Tree	166	425	100	180
Avg D.B.H.	18.4	23.0	17.1	18.0
Avg. Tree Ht.	1.8	1.8	1.1	2.2
Vol./17 ft. Log	92	243	88	83
Total Logs	180	70	450	130
Doyle Wt. Factor	6.7	5.2	6.9	7.1
Volume per Acre	3	2	7	2
Total Tract Tons per Acre		45		

WEIGHT FACTOR TABLE
From 1986 Code

Vol / Log Doyle	Weight Factor
17	15.8
18	15.8
19	15.8
20	15.8
21	15.8
22	15.8
23	15.8
24	15.8
25	15.8
26	15.8
27	15.8
28	15.8
29	15.8
30	15.8
31	15.8
32	15.8
33	15.8
34	15.8
35	15.8
36	15.8
37	15.8
38	15.8
39	15.8
40	15.8
41	15.8
42	15.8
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46	15.8
47	15.8
48	15.8
49	15.8
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51	15.8
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