"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Cost Summary
Osweg Alder No. 2
Sale 341-06-88

District: Astoria **Date:** 4/12/06

	Conifer	Hardwood	Total
Gross Timber Sale Value	$0.00	$121,071.80	$121,071.80
		Project Work	$0.00
		Advertised Value	$121,071.80

"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Timber Description
Osweg Alder No. 2
Sale 341-06-88

District: Astoria

Location: Portions of Section 33, T5N, R7W, W.M., Clatsop County, Oregon.

Date: 4/12/06 **Stand Stocking:** 60%

Species	Avg. DBH	Amortized%	Recovery%
Alder (Red)	13	0	95

Volume by Grade	Alder (Red)	Total
2S	72	72
3S	73	73
4S	157	157
Total	302	302

Comments: Pond Values Used: 1st Quarter Calendar Year 2006.

Log markets: Garibaldi, Longview, Tillamook, Clatskanie, Forest Grove, Warrenton

Hauling costs adjusted to make equivalent to $620 daily truck cost w/o P&R (P&R to be added).

Costs with Profit & Risk to be added:
100% branding and painting: $1/MBF x 302 MBF= $302.
Total Costs with P & R = $302

Costs without P & R:
Site prep slash piling in Area 1: 34 hours(includes 4 hrs. landing and fire wood piling) x $120/hr + $945 (1 mobilization) = $5,025.00
Snag Creation: $45 x 20 = $900
TOTAL Non-P&R Costs: $5,925

"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Logging Conditions
Osweg Alder No. 2
Sale 341-06-88

Combination#: 1 Alder (Red) 100.00%

Yarding Distance: Medium (800 ft) **Downhill Yarding:** Yes

Logging System: Shovel **Process:** Manual Delimbing

Tree Size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF

Loads/Day: 8 **Bd. Ft./Load:** 3,500

Cost/MBF: $84.09

Machines:

Shovel Logger

"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Logging Costs
Osweg Alder No. 2
Sale 341-06-88

Date: 4/12/06

Operating Seasons: 1.0

Profit & Risk: 13%

Project Costs: $0

Other Costs (P/R): $302

Slash Disposal: $0

Other Costs: $5,925

Road Maintenance: $10.12

Miles of Road			
Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	0.0	0.0	0.0

Hauling Costs

Species	$/MBF	Trips/Day	MBF/Load
Alder (Red)	$84.15	2.0	3.5

"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Logging Costs Breakdown
Osweg Alder No. 2
Sale 341-06-88

Costs	Alder (Red)
Logging	84.09
Road Maintenance	10.65
Fire Protection	8.97
Hauling	88.58
Other (P/R appl.)	1.00
Profit & Risk	25.13
Slash Disposal	0.00
Scaling	0.00
Other	19.62
Total	238.04

Amortization	0.00
Pond Value	638.94
Stumpage	400.90
Amortized	0.00

"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Summary
Osweg Alder No. 2
Sale 341-06-88

Amortized

	Alder (Red)
MBF	0.00
Value	0.00
Total	0.00

Unamortized

	Alder (Red)
MBF	302.00
Value	400.90
Total	121,071.80

Gross Timber Sale Value

Cash $121,071.80

Prepared by: David Wolfgram Date: 4/12/06

District: Astoria Phone: (503) 325-5451

Road Maintenance Cost Summary

Sale: Osweg Alder
Date: 26-Jan-06
By: David Wolfgram

MBF: 302
$$/MBF: **$10.12**

Type	Equipment/Rationale	Move-in Rate	Times	Hours	Rate	Cost
Final Road Maintenance ODF (2 mi.)	Grader 14G	$570	1	12	$84	$1,578
	Dump Truck 12CY x 2	$119	1	8	$59	$591
	FE Loader C966	$570	1	4	$79	$886
Total						

Production Rates

Production Rates	Miles/day	Distance(miles)	Days
Grader	1.5	2.0	1.3

$3,055

*Final Road Maintenance Only

X:\Jewell unit\timber sales\2006\Osweg Alder No.2\Osweg Alder no.2 road maint.

TIMBER CRUISE REPORT
Osweg Alder No. 2
FY 2006

1. **Sale Area Location:** Area 1, is located in Portions of Section 33, T5N, R7W, W.M., Clatsop County, Oregon.

2. **Fund Distribution:** BOF 100%
Tax Code 8-02 (100%)

3. **Sale Acreage by Area:**

Area	Treatment	Gross Acres	Existing R/W	New R/W	Non-Forested	Net Acres	Survey Method
1	Modified Clearcut	22	0	0	0	22	GIS

4. Cruisers and Cruise Dates: Area 1 was cruised by Lanny Freeman, Jon Long, Jasen McCoy and David Wolfgram, in January 2006.

5. Cruise Method and Computation:
AREA 1 is a modified clearcut unit and was variable plot cruised using a 20 BAF. These plots are located on a 2 1/2 chain by 3 chain grid, with every plot measured and graded. A total of 29 plots were sampled. All conifer species are reserved species.
The cruise used Corvallis MicroTechnology (CMT) data collectors, and were downloaded to the Atterbury Super A.C.E. program in District for computing. See the attached Cruise Design for more details on the cruise method. The cruise calculations were processed in the Astoria district office.

AREA	CRUISE	CRUISE TYPE
1	Modified clearcut	05N07W SEC33 TYPE:TAKE

6. Timber Description:
Area 1 is a modified clearcut unit, of approximately 55 years old, red alder, with a minor component of Douglas-fir, western hemlock, noble fir, spruce, and maple. The alder averages 13.2 inches DBH, with an average height of 40 feet to a merchantable top (8 inches d.i.b.). The average volume per acre to be harvested (net) is 13.7 MBF.

7. Statistical Analysis and Stand Summary: (See "Statistics" - Type Reports, attached)

Statistics for Stand B.F. volumes

Area	Estimated CV	Target SE%	Actual CV	Actual SE%
1	45%	8%	33.4%	6.3%

8. Volumes by Species and Log Grade: (See "Species, Sort, Grade - Type and Project Reports, attached, of the sale area).

Volumes by Species and Grade for Sale Area: (MBF) Volumes do not include "in-growth."

Species	DBH	Net Vol.	2 Saw	3Saw	4 Saw	D&B	% Sale
Red Alder	13.1"	302	72	73	157	2.9	100
TOTALS		**302**	**72**	**73**	**157**	**2.9**	

9. Approvals:

Prepared by: David Wolfgram **Date:** 2-15-06

Reviewed by: Jon Long JW **Date:** 2-15-06

10. Attachments:

Cruise Design
Cruise Map
Volume Reports
Statistics Report
Log Stock Table

X:\Jewell Unit\Timber Sales\2006\Osweg Alder no.2\Cruise Report,Osweg Alder no.2.doc

LOGGING PLAN

OF TIMBER SALE CONTRACT NO. 341-06-88
OSWEG ALDER NO. 2
PORTIONS OF SECTION 33
OF T5N, R7W, W.M.,
CLATSOP COUNTY, OREGON

APPROXIMATE NET ACREAGE
Area 1 (MC) - 22 Acres
Total Sale Acres - 22

Approximate Scale = 1":1000'
500 0 500 1000 Feet

LEGEND

- Timber Sale Boundary
- Surfaced Existing Road
- Paved Road
- Property Line
- Known Land Survey Corner
- Type F Stream
- Type N Stream
- Reforestation Area
- T Tractor Logging
- D Domestic Water Source
- Controlled Felling Area
- Green Tree Retention Area
- Non-stocked Area
- Gate

N

LOGGING BREAKDOWN		
Area	Cable	Tractor
1	0%	100%

PRIVATE
STATE
Area 1
T5N, R7W
T4N, R7W
33
34
4
3
D
#R-11562
STATE
PRIVATE
Cow Creek
Highway 103
Jewell Jct.
Highway 26
MP 22
Nehalem River
Gate
Osweg Creek Road
Osweg Creek

CRUISE DESIGN
ASTORIA DISTRICT

Sale Name: Osweg Alder No. 2 **Area(s)** 1

Harvest Type: CC PC CT "Automark Thinning" (circle one)

Approx. Cruise Acres: 22 **Estimated CV%** 45 Net BF or BA/Acre **SE% Objective** 8% Net BF or BA/Acre

Planned Sale Volume: 610 MBF **Estimated Sale Area Value/Acre:** $9,600

A. **Cruise Goals:** (a) Grade minimum 10 conifer and 100 hardwood trees: Determine log grades for sale value; X Determine snag and leave tree species and sizes; ____ Determine LWD (down wood) cubic feet and decay classes; ____ Determine "diameter limit" harvest parameters; Cruise all conifer trees that fall in plot as leave tree. (DL, HL, etc.), minimum top diameter of saw logs is 8" inside bark. Cruise alder pulp to a 5" top (6" outside bark or "F") as camprun (CR)

B. **Cruise Design:**
1. **Plot Cruises:** BAF 20 (Full point; Half point) (circle one) 28 plots total
   Fixed Plot Size ____ Plot Radius ____ feet
   Cruise Line Direction(s) N-S
   Cruise Line Spacing 3 (chains) (feet)
   Cruise Plot Spacing 2 1/2 (chains) (feet)
   Grade/Count Ratio 1:0 grade
2. **ITS (Sample Tree) Cruises:** Measure-grade ratios: D-fir ____ Hemlock ____ Spruce ____ True Fir ____ Cedar ____ Hardwood ____

C. **Tree Measurements:**
1. **Diameter:** Minimum DBH to cruise is 9 " for conifers and 8" for hardwoods. Record dbh to nearest ½" for trees < 16", to nearest 1" for trees 16-24", and to nearest 2" for trees > 24". If tree diameters are estimated (only estimate on variable plot cruises), then record to closest estimate.

2. **Bole Length:** Record bole length to nearest foot at TCD. For trees greater than 100 feet in merchantable height, estimating to the nearest 5 feet is acceptable.

3. **Top Cruise Diameter (TCD):** Minimum top outside bark is 6" or 40% of dob at 16' form point. Generally, use 7" outside bark for trees < 18" dbh and 40% of dob @ FP for trees > 18" dbh.

4. **Form Factors:** (1) Measure or estimate a 16' form factor for every conifer tree measured/graded; OR (2) Measure a minimum of 20 form factors for each major conifer species on the cruise area, and use these to calculate average FF for the species on the cruise. Hardwood form factors are a Standard 87.

5. **Tree Segments:** Record log segments in "standard" log lengths in general use, such as 32' and 40' lengths, whenever possible. Do not record odd segments just to maximize grade. Cull segments can be any length. For conifers, minimum merchantable segment length is 12'; for hardwoods, it's 8'. Maximum segment length is 40'. One foot of trim is assumed for each merch. segment. Do not use "double dash" (--) feature on the data recorder except for the top segment of the tree.

6. **Species, Sort, and Grade Codes:** A. Species: Record as D (Douglas-fir); H (Western hemlock); S (Sitka Spruce); C (Western red cedar); NF (Noble fir); SF (Silver fir); A (Red alder); M (Bigleaf maple). For "leave trees" in partial cuts, or for marked "wildlife trees," add an "L" to the species code (such as DL, HL, CL, etc.)
B. Sort: Use code "1" (Domestic).
C. Grade: A = 1 Peeler; B = 2 Peeler; C = 3 Peeler; D = Special Mill; 2 = 2 Sawmill; 3 = 3 Sawmill; 4 = 4 Sawmill; R = Camp Run; 0 = Cull

7. **Deductions:** Estimate visible defect or damage as a "length deduction" (most often), or as a "diameter deduction," as applicable. Estimate hidden defect and breakage (usually some breakage is encountered in trees > 100 feet in height) on a "per tree" basis. Steep and broken topography generally results in higher breakage percentages than gentler topography, and hemlock generally breaks more than D-fir and spruce.

8. **Standard Field Procedures:** Plot Type Cruises: Mark cruise line beginning and end points with blue/yellow flagging. Write plot identification numbers and line direction on the ribbon. At each plot, tie yellow flagging above eye level near plot center and another yellow flagging around a sturdy wooden stake marking plot center. On each yellow flagging, write the plot identification number. Between plots, along the cruise line, tie blue flagging at intervisible points, not to exceed 100' apart. On "measure/grade" plots write the tree number and/or tree diameter on at least the first measured tree (clockwise from the line direction) in yellow paint. All trees on the plot may be marked this way, if the cruiser chooses.
ITS and 100% Cruises: Mark cruise "strips" with various colored flagging (not pink). Mark trees measured and graded with yellow paint.

9. **Cruising Equipment:** Relaskop Rangefinder Logger's Tape (with dbh on back)
Biltmore Stick Compass Cruise Cards in Tatum OR Data Recorder
Cruise Design Cruise Map Yellow Flagging Blue Flagging Yellow paint

10. **Attachments:** A. Cruise Map (showing cruise unit boundaries, roads, streams, approx. acres/unit, cruise lines and plot locations, legal description and section lines, BAF or plot size, measure/count plot ratio, north arrow, and scale.
B. Data Recorder Instructions
C. Other

Cruise Design by: David Wolfgram
Approved by: Ty Williams
Date: 1-12-06
X:\Jewell unit\timber sales\2006\Osweg Alder No.2\Cruise\Osweg Alder No.2 Cruise Design

TIMBER CRUISE MAP

OF TIMBER SALE CONTRACT NO. 341-06-88
OSWEG ALDER NO. 2.
PORTIONS OF SECTION 33 OF T5N, R7W, W.M.
CLATSOP COUNTY, OREGON

N

APPROXIMATE NET ACREAGE:
Area 1 (MC) - 22 Acres

LEGEND
- Timber Sale Boundary
- Ownership Line
- Streams
- Greent Tree Retention Area
- Exisitng Rocked Roads

Approximate Scale= 1' : 500"

250 0 250 500 Feet

N-S Azmth
Plot spacing 2½ chains
Line spacing 3 chains
28 plots

L1 L2 L3 L4 L5

Area 1

T5N, R7W
T4N, R7W

4 Plots 6 Plots 6 Plots 6 Plots 6 Plots

33 34

3

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: OSWEGALD

Date 2/15/2006
Time 8:21:40AM

T05N R07W S33 T0001

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
05N	07W	33	TAKE	0001	22.00	29	181	1	W

T05N R07W S33 T0001

Spp	ST	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log: Ln Ft	Bd Ft	CF/ Lf	Logs Per /Acre
A		DO	CU														8		0.00	8.2
A		DO	2S	23	.6	3,281	3,260	72		20	74	5	21	41	5	34	28	156	1.38	20.9
A		DO	3S	24	1.0	3,333	3,299	73		96	4		19	58	4	18	28	100	0.92	32.9
A		DO	4S	53	1.0	7,233	7,157	157		98	0	1	22	34	9	35	27	55	0.62	129.7
A	**Totals**			100	.9	13,848	13,716	302		79	19	2	21	41	7	31	26	72	0.75	191.8
Type Totals					.9	13,848	13,716	302		79	19	2	21	41	7	31	26	72	0.75	191.8

TC PSTATS

PROJECT STATISTICS

PROJECT OSWEGALD

DATE 2/22/2006

TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt
05N	07	33	CC	0001	THR	88.00	116	635	1	W
05N	07W	33	TAKE	0001						

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	116	635	5.5		
CRUISE	104	635	6.1	9,588	6.6
DBH COUNT					
REFOREST					
COUNT					
BLANKS	12				
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
R ALDER	545	102.1	13.0	45		94.0	10,070	9,987	2,832	2,832
HEMLEAV	50	4.5	18.7	40		8.6	980	970	256	256
DOUGLEAV	34	1.9	23.8	66		5.9	957	948	227	227
SPRUCELV	6	.4	20.9	42		1.0	101	99	27	27
TOTAL	*635*	*109.0*	*13.6*	*45*		*109.5*	*12,108*	*12,005*	*3,342*	*3,342*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	SAMPLE TREES - BF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
R ALDER	70.3	3.0	124	128	131			
HEMLEAV	92.5	13.1	446	513	580			
DOUGLEAV	66.2	11.3	890	1,004	1,117			
SPRUCELV	141.0	62.8	248	667	1,085			
TOTAL	*153.0*	*6.1*	*197*	*210*	*223*	*934*	*234*	*104*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	SAMPLE TREES - CF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
R ALDER	64.0	2.7	35	36	37			
HEMLEAV	81.2	11.5	110	125	139			
DOUGLEAV	62.2	10.7	205	230	255			
SPRUCELV	117.8	52.4	74	155	236			
TOTAL	*130.0*	*5.2*	*52*	*54*	*57*	*675*	*169*	*75*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
R ALDER	86.8	8.0	94	102	110			
HEMLEAV	338.2	31.4	3	4	6			
DOUGLEAV	366.1	34.0	1	2	3			
SPRUCELV	577.2	53.5	0	0	1			
TOTAL	*80.4*	*7.5*	*101*	*109*	*117*	*258*	*65*	*29*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
R ALDER	73.3	6.8	88	94	100			
HEMLEAV	297.0	27.6	6	9	11			
DOUGLEAV	277.4	25.7	4	6	7			
SPRUCELV	430.0	39.9	1	1	1			
TOTAL	*61.6*	*5.7*	*103*	*109*	*116*	*152*	*38*	*17*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	NET BF/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
R ALDER	72.2	6.7	9,319	9,987	10,656			
HEMLEAV	336.7	31.2	667	970	1,273			
DOUGLEAV	276.7	25.7	705	948	1,191			
SPRUCELV	608.2	56.4	43	99	155			

TC PSTATS

PROJECT STATISTICS

PROJECT OSWEGALD

DATE 2/22/2006

TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt
05N	07	33	CC	0001	THR	88.00	116	635	1	W
05N	07W	33	TAKE	0001						

CL 68.1	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.00	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
TOTAL	*60.8*	*5.6*	*11,327*	*12,005*	*12,682*	*148*	*37*	*16*

CL 68.1	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
R ALDER	71.5	6.6	2,644	2,832	3,019			
HEMLEAV	319.2	29.6	180	256	332			
DOUGLEAV	281.0	26.1	168	227	287			
SPRUCELV	501.8	46.5	14	27	40			
TOTAL	*60.1*	*5.6*	*3,156*	*3,342*	*3,529*	*144*	*36*	*16*

TC TSTATS

STATISTICS

PROJECT OSWEGALD

DATE 2/15/2006

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
05N	07W	33	TAKE	0001	22.00	29	181	1	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	29	181	6.2		
CRUISE	29	181	6.2	2,889	6.3
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
R ALDER	181	131.3	13.2	40		124.8	13,848	13,716	3,797	3,797
TOTAL	*181*	*131.3*	*13.2*	*40*		*124.8*	*13,848*	*13,716*	*3,797*	*3,797*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 %	COEFF		SAMPLE TREES - BF			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
R ALDER	75.3	5.6	131	139	147			
TOTAL	*75.3*	*5.6*	*131*	*139*	*147*	*226*	*57*	*25*

CL: 68.1 %	COEFF		SAMPLE TREES - CF			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
R ALDER	65.8	4.9	36	37	39			
TOTAL	*65.8*	*4.9*	*36*	*37*	*39*	*173*	*43*	*19*

CL: 68.1 %	COEFF		TREES/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
R ALDER	52.9	10.0	118	131	144			
TOTAL	*52.9*	*10.0*	*118*	*131*	*144*	*116*	*29*	*13*

CL: 68.1 %	COEFF		BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
R ALDER	37.0	7.0	116	125	134			
TOTAL	*37.0*	*7.0*	*116*	*125*	*134*	*57*	*14*	*6*

CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
R ALDER	33.4	6.3	12,852	13,716	14,580			
TOTAL	*33.4*	*6.3*	*12,852*	*13,716*	*14,580*	*46*	*12*	*5*

CL: 68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
R ALDER	33.0	6.2	3,560	3,797	4,033			
TOTAL	*33.0*	*6.2*	*3,560*	*3,797*	*4,033*	*45*	*11*	*5*

TC TLOGSTVB

Log Stock Table - MBF

Project: OSWEGALD

T05N R07W S33 T0001

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
05N	07W	33	TAKE	0001	22.00	29	181

T05N R07W S33 T0001

Date 2/15/2006

Time 8:21:08AM

Spp	S T	Sort	Grade	Log Len	Gross MBF	% Def	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches: 2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
A		DO	CU	2																
A		DO	CU	3																
A		DO	CU	4																
A		DO	CU	5																
A		DO	CU	6																
A		DO	CU	8																
A		DO	CU	10																
A		DO	CU	13																
A		DO	CU	18																
A		DO	CU	20																
A		DO	2S	10	1		1	.2						1						
A		DO	2S	16	2		2	.6					2							
A		DO	2S	20	12	1.0	12	4.0					2	8		2				
A		DO	2S	24	5	1.7	5	1.7					1	2	1					
A		DO	2S	30	24	.2	24	8.0					3	18		3				
A		DO	2S	32	4		4	1.2							4					
A		DO	2S	36	2		2	.6							2					
A		DO	2S	40	23	.9	22	7.4					6	7	9					
A		DO	3S	16	3		3	1.0				0	3							
A		DO	3S	20	11		11	3.7				2	9							
A		DO	3S	24	4		4	1.4					4							
A		DO	3S	26	1		1	.5					1							
A		DO	3S	28	1		1	.5					1							
A		DO	3S	30	36	2.1	35	11.6				2	30	2	1					
A		DO	3S	32	3		3	1.0				0	3							
A		DO	3S	38	1		1	.3				1								
A		DO	3S	40	13		13	4.2				2	11							
A		DO	4S	9	0		0	.0				0								
A		DO	4S	10	1		1	.3										1		
A		DO	4S	11	0		0	.1				0								
A		DO	4S	14	0		0	.1				0								
A		DO	4S	15	3		3	1.1				3								
A		DO	4S	16	12		12	3.9			7	3		0					1	
A		DO	4S	17	1		1	.4				1								
A		DO	4S	18	0		0	.1				0								
A		DO	4S	19	1		1	.2				1								
A		DO	4S	20	16	.9	16	5.4			3	14								
A		DO	4S	21	1		1	.4				1								
A		DO	4S	22	0		0	.2				0								
A		DO	4S	23	1		1	.2				1								
A		DO	4S	24	9		9	3.1				9								
A		DO	4S	25	1		1	.4				1								
A		DO	4S	26	0		0	.1				0								
A		DO	4S	27	2		2	.8				2								
A		DO	4S	28	0		0	.1				0								
A		DO	4S	29	1		1	.3				1								
A		DO	4S	30	37	2.1	36	12.0			3	33								
A		DO	4S	32	5	3.5	5	1.7				5								
A		DO	4S	33	3	3.0	3	.9				3								
A		DO	4S	34	4		4	1.4				2	2							
A		DO	4S	35	2	7.1	2	.6				2								
A		DO	4S	36	4		4	1.2				4								

TC TLOGSTVB

Log Stock Table - MBF

Project: OSWEGALD

T05N R07W S33 T0001

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
05N	07W	33	TAKE	0001	22.00	29	181

Date 2/15/2006
Time 8:21:08AM

Spp	S T	So Grt	Gr de	Log Len	Gross MBF	% Def	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
A		DO	4S	40	52	.6	52	17.2				52								
A		Totals			305		302	100.0			12	149	78	38	17	5		1	1	
Total All Species					305		302	100.0			12	149	78	38	17	5		1	1	

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
05N	07W	33	TAKE	0001	22.00	29	181	1/1/2006	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Dia Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
DW01	0001	B11	A			1	10.0	4	87	I	17	20		114	16		.953	.593	9.94	7.82	7	7	30	30
						BA = 20.00					T/A = 36.669										*7*	*7*	*30*	*30*
	0002	B11	A			1	16.0	4	87	I	62	96		112	30		.953	.593	16.43	12.16	37	37	150	150
						BA = 20.00					T/A = 14.324			214	30		.953	.593	12.16	8.70	20	20	60	60
																					57	*57*	*210*	*210*
	0003	B11	A			1	13.0	4	87	I	45	90		114	40		.953	.593	13.33	8.99	29	29	90	90
						BA = 20.00					T/A = 21.698										*29*	*29*	*90*	*90*
	0004	B11	A			1	11.0	4	87	I	17	20		114	16		.953	.593	10.94	8.60	9	9	30	30
						BA = 20.00					T/A = 30.305										*9*	*9*	*30*	*30*
	0005	B11	A			1	10.0	4	87	I	17	20		114	16		.953	.593	9.94	7.82	7	7	30	30
						BA = 20.00					T/A = 36.669										*7*	*7*	*30*	*30*
	0006	B11	A			1	14.0	4	87	I	54	97		113	20		.953	.593	14.38	11.33	20	20	80	80
						BA = 20.00					T/A = 18.709			214	32		.953	.593	11.33	8.66	19	19	70	70
																					39	*39*	*150*	*150*
	0007	B11	A			1	11.0	4	87	I	25	50		114	24		.953	.593	11.07	8.25	14	14	40	40
						BA = 20.00					T/A = 30.305										*14*	*14*	*40*	*40*
	0008	B11	A			1	12.0	4	87	I	31	62		114	30		.953	.593	12.19	8.62	20	20	60	60
						BA = 20.00					T/A = 25.465										*20*	*20*	*60*	*60*
	0009	B11	A			1	14.0	4	87	I	66	123		113	30		.953	.593	14.46	10.91	27	27	110	110
						BA = 20.00					T/A = 18.709			214	30		.953	.593	10.91	8.96	16	16	60	60
																					43	*43*	*170*	*170*
	0010	B11	A			1	10.0	4	87	I	17	20		114	16		.953	.593	9.94	7.82	7	7	30	30
						BA = 20.00					T/A = 36.669										*7*	*7*	*30*	*30*
	0011	B11	A			1	10.0	4	87	I	17	20		114	16		.953	.593	9.94	7.82	7	7	30	30
						BA = 20.00					T/A = 36.669										*7*	*7*	*30*	*30*
	0012	B11	A			1	12.0	4	87	I	41	82		114	40		.953	.593	12.35	8.60	26	26	90	90
						BA = 20.00					T/A = 25.465										*26*	*26*	*90*	*90*
PLOT						BA = 240.00					T/A = 331.657										5,875	5,875	21,289	21,289
DW02	0001	B11	A			1	10.0	4	87	I	17	20		114	16		.953	.593	9.94	7.82	7	7	30	30
						BA = 20.00					T/A = 36.669										*7*	*7*	*30*	*30*
	0002	B11	A			1	11.0	4	87	I	21	39		114	20		.953	.593	10.94	8.29	11	11	40	40
						BA = 20.00					T/A = 30.305										*11*	*11*	*40*	*40*
	0004	B11	A			1	14.0	4	87	I	62	114		113	40		.953	.593	14.44	10.23	36	36	150	150
						BA = 20.00					T/A = 18.709			214	20		.953	.593	10.23	8.65	11	11	40	40
																					47	*47*	*190*	*190*
	0005	B11	A			1	13.0	4	87	I	43	85		113	20		.953	.593	13.31	10.48	17	17	70	70
						BA = 20.00					T/A = 21.698			214	21		.953	.593	10.48	8.66	11	11	40	40
																					28	*28*	*110*	*110*
	0006	B11	A			I	14.0	4	87	I	62	114		113	30		.953	.593	14.44	10.84	27	27	110	110
						BA = 20.00					T/A = 18.709			214	30		.953	.593	10.84	8.65	16	16	60	60
																					43	*43*	*170*	*170*
PLOT						BA = 100.00					T/A = 126.090										2,881	2,881	11,434	11,434
DW03	0003	B11	A			1	15.0	4	87	I	62	103		113	30		.953	.593	15.43	11.50	32	32	130	130
						BA = 20.00					T/A = 16.297			214	30		.953	.593	11.50	8.67	18	18	60	60
																					50	*50*	*190*	*190*
	0005	B11	A			1	13.0	4	87	I	42	83		114	40		.953	.593	13.29	8.73	29	29	90	90
						BA = 20.00					T/A = 21.698										*29*	*29*	*90*	*90*
	0006	B11	A			1	11.0	4	87	I	21	39		114	20		.953	.593	10.94	8.29	11	11	40	40
						BA = 20.00					T/A = 30.305										*11*	*11*	*40*	*40*
	0007	B11	A			I	10.0	4	87	I	11	17		114	15		.953	.593	9.94	8.33	7	7	20	20

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
05N	07W	33	TAKE	0001	22.00	29	181	1/1/2006	I	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
							BA = 20.00				T/A = 36.669										*7*	*7*	*20*	*20*
DW03	0009	B11	A			1	11.0	4	87	I	21	39		114	20		.953	.593	10.94	8.29	11	11	40	40
							BA = 20.00				T/A = 30.305										*11*	*11*	*40*	*40*
	0010	B11	A			1	15.0	4	87	I	52	84		113	30		.953	.593	15.35	11.20	32	32	130	130
							BA = 20.00				T/A = 16.297			214	20		.953	.593	11.20	8.70	12	12	40	40
																					44	*44*	*170*	*170*
PLOT							BA = 120.00				T/A = 151.573										3,085	3,085	10,978	10,978
DW04	0001	B11	A			1	10.0	4	87	I	11	17		114	15		.953	.593	9.94	8.33	7	7	20	20
							BA = 20.00				T/A = 36.669										*7*	*7*	*20*	*20*
	0002	B11	A			1	12.0	4	87	I	41	82		114	40		.953	.593	12.35	8.60	26	26	90	90
							BA = 20.00				T/A = 25.465										*26*	*26*	*90*	*90*
	0004	B11	A			1	12.0	4	87	I	41	82		114	40		.953	.593	12.35	8.60	26	26	90	90
							BA = 20.00				T/A = 25.465										*26*	*26*	*90*	*90*
	0005	B11	A			1	16.0	4	87	I	70	110		112	24		.953	.593	16.48	12.74	30	30	120	120
							BA = 20.00				T/A = 14.324			210	6		.953	.593	12.74	12.34				
														313	38		.953	.593	12.34	8.68	25	25	80	80
																					55	*55*	*200*	*200*
	0006	B11	A			1	10.0	4	87	I	17	20		114	16		.953	.593	9.94	7.82	7	7	30	30
							BA = 20.00				T/A = 36.669										*7*	*7*	*30*	*30*
	0007	B11	A			1	11.0	4	87	I	42	84		114	40		.953	.593	11.38	8.26	23	23	90	90
							BA = 20.00				T/A = 30.305										*23*	*23*	*90*	*90*
	0008	B11	A			1	13.0	4	87	I	42	83		114	40		.953	.593	13.29	8.73	29	29	90	90
							BA = 20.00				T/A = 21.698										*29*	*29*	*90*	*90*
PLOT							BA = 140.00				T/A = 190.595										3,952	3,952	13,962	13,962
DW05	0005	B11	A			1	28.0	4	87	M	46	59		112	40		.953	.593	28.24	15.31	113	113	360	360
							BA = 20.00				T/A = 4.677										*113*	*113*	*360*	*360*
	0006	B11	A			1	15.0	4	87	I	72	122		112	30		.953	.593	15.49	11.68	32	32	130	130
							BA = 20.00				T/A = 16.297			214	40		.953	.593	11.68	8.66	23	23	90	90
																					55	*55*	*220*	*220*
	0007	B11	A			1	12.0	4	87	I	41	82		114	40		.953	.593	12.35	8.60	26	26	90	90
							BA = 20.00				T/A = 25.465										*26*	*26*	*90*	*90*
	0008	B11	A			1	12.0	4	87	I	41	82		114	40		.953	.593	12.35	8.60	26	26	90	90
							BA = 20.00				T/A = 25.465										*26*	*26*	*90*	*90*
	0009	B11	A			1	16.0	4	87	I	45	66		110	8		.953	.593	16.22	14.43				
							BA = 20.00				T/A = 14.324			213	30		.953	.593	14.43	9.98	26	26	70	70
																					26	*26*	*70*	*70*
PLOT							BA = 100.00				T/A = 86.228										3,121	3,121	10,856	10,856
DW06	0001	B11	A			1	18.0	4	87	I	72	102		112	40		.953	.593	18.52	12.85	56	56	200	200
							BA = 20.00				T/A = 11.318			214	30		.953	.593	12.85	8.72	20	20	60	60
																					76	*76*	*260*	*260*
	0003	B11	A			1	24.0	4	87	I	52	63		112	30		.953	.593	24.27	16.82	73	73	300	300
							BA = 20.00				T/A = 6.366			213	20		.953	.593	16.82	9.03	20	20	50	50
																					93	*93*	*350*	*350*
	0007	B11	A			1	20.0	4	87	I	66	87		112	32		.953	.593	20.49	14.77	57	57	230	230
							BA = 20.00				T/A = 9.167			213	32		.953	.593	14.77	8.79	25	25	70	70
																					82	*82*	*300*	*300*
PLOT							BA = 60.00				T/A = 26.851										2,204	2,204	7,921	7,921
DW07	0001	B11	A			1	14.0	4	87	I	52	93		113	30		.953	.593	14.37	10.61	27	27	110	110
							BA = 20.00				T/A = 18.709			214	20		.953	.593	10.61	8.67	11	11	40	40
																					38	*38*	*150*	*150*
	0002	B11	A			1	14.0	4	87	I	52	93		113	30		.953	.593	14.37	10.61	27	27	110	110

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
05N	07W	33	TAKE	0001	22.00	29	181	1/1/2006	1	W

Tree Plot	No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
								BA = 20.00			T/A = 18.709			214	20		.953	.593	10.61	8.67	11	11	40	40
																					38	*38*	*150*	*150*
DW07	0006	B11	A			1	16.0	4	87	I	71	111		112	20		.953	.593	16.49	13.00	25	25	100	100
								BA = 20.00			T/A = 14.324			210	8		.953	.593	13.00	12.50				
														314	40		.953	.593	12.50	8.81	26	26	90	90
																					51	*51*	*190*	*190*
	0007	B11	A			1	24.0	4	87	M	46	66		110	8		.953	.593	24.32	21.65				
								BA = 20.00			T/A = 6.366			212	20		.953	.593	21.65	17.51	45	45	230	230
														314	16		.953	.593	17.51	12.69	21	21	80	80
																					66	*66*	*310*	*310*
	0008	B11	A			1	24.0	4	87	I	56	68		110	8		.953	.593	24.36	21.63				
								BA = 20.00			T/A = 6.366			212	20		.953	.593	21.63	17.62	45	45	230	230
														314	26		.953	.593	17.62	8.98	27	27	50	50
																					72	*72*	*280*	*280*
	0009	B11	A			1	16.0	4	87	I	52	78		112	20		.953	.593	16.33	12.85	25	25	100	100
								BA = 20.00			T/A = 14.324			214	30		.953	.593	12.85	8.73	20	20	60	60
																					45	*45*	*160*	*160*
	0010	B11	A			1	14.0	4	87	I	54	97		113	30		.953	.593	14.38	10.66	27	27	110	110
								BA = 20.00			T/A = 18.709			214	20		.953	.593	10.66	8.88	11	11	40	40
																					38	*38*	*150*	*150*
	0011	B11	A			1	16.0	4	87	I	52	78		112	30		.953	.593	16.33	11.81	34	34	130	130
								BA = 20.00			T/A = 14.324			214	20		.953	.593	11.81	8.73	12	12	40	40
																					46	*46*	*170*	*170*
PLOT								BA = 160.00			T/A = 111.831										5,045	5,045	19,623	19,623
DW08	0001	B11	A			1	26.0	4	87	I	83	101		110	10		.953	.593	26.73	22.67				
								BA = 20.00			T/A = 5.424			212	30		.953	.593	22.67	18.49	73	73	400	400
														314	40		.953	.593	18.49	9.22	47	47	120	120
																					120	*120*	*520*	*520*
	0002	B11	A			1	16.0	4	87	I	72	113		112	40		.953	.593	16.49	11.67	46	46	180	180
								BA = 20.00			T/A = 14.324			214	30		.953	.593	11.67	8.68	18	18	60	60
																					64	*64*	*240*	*240*
	0003	B11	A			1	18.0	4	87	I	52	71		112	30		.953	.593	18.31	13.04	45	45	180	180
								BA = 20.00			T/A = 11.318			214	20		.953	.593	13.04	8.80	15	15	40	40
																					60	*60*	*220*	*220*
PLOT								BA = 60.00			T/A = 31.066										2,247	2,247	8,748	8,748
DW09	0001	B11	A			1	14.0	4	87	I	79	151		113	40		.953	.593	14.51	10.65	36	36	150	150
								BA = 20.00			T/A = 18.709			214	30		.953	.593	10.65	9.07	18	18	70	70
																					54	*54*	*220*	*220*
	0002	B11	A			1	10.0	4	87	I	11	17		114	15		.953	.593	9.94	8.33	7	7	20	20
								BA = 20.00			T/A = 36.669										*7*	*7*	*20*	*20*
	0003	B11	A			1	10.0	4	87	I	11	17		114	15		.953	.593	9.94	8.33	7	7	20	20
								BA = 20.00			T/A = 36.669										*7*	*7*	*20*	*20*
	0004	B11	A			1	12.0	4	87	I	42	84		114	40		.953	.593	12.36	8.66	26	26	90	90
								BA = 20.00			T/A = 25.465										*26*	*26*	*90*	*90*
PLOT								BA = 80.00			T/A = 117.512										2,186	2,186	7,875	7,875
DW10	0001	B11	A			1	22.0	4	87	I	72	92		112	40		.953	.593	22.57	15.28	83	83	360	360
								BA = 20.00			T/A = 7.576			214	30		.953	.593	15.28	8.82	26	26	60	60
																					109	*109*	*420*	*420*
	0002	B11	A			1	16.0	4	87	I	72	113		113	40		.953	.593	16.49	11.67	46	46	180	180
								BA = 20.00			T/A = 14.324			214	30		.953	.593	11.67	8.68	18	18	60	60
																					64	*64*	*240*	*240*
	0003	B11	A			1	32.0	4	87	I	31	33		114	10		.953	.593	31.82	28.32	53	53	360	360
								BA = 20.00			T/A = 3.581										*53*	*53*	*360*	*360*
	0004	B11	A			1	40.0	4	87	M	31	34		114	16		.953	.593	39.77	32.72	120	120	740	740
								BA = 20.00			T/A = 2.292										*120*	*120*	*740*	*740*
PLOT								BA = 80.00			T/A = 27.773										2,207	2,207	9,605	9,605
DW11	0001	B11	A			I	16.0	4	87	I	62	96		112	30		.953	.593	16.43	12.16	37	37	150	150

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
05N	07W	33	TAKE	0001	22.00	29	181	1/1/2006	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S	SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
							BA = 20.00				T/A = 14.324			213	30			.953	.593	12.16	8.70	20	20	60	60
																						57	*57*	*210*	*210*
DW11	0002	B11	A		1	16.0	4	87	I	42	61		112	20			.953	.593	16.15	12.68	25	25	100	100
							BA = 20.00				T/A = 14.324			214	20			.953	.593	12.68	8.79	13	13	40	40
																						38	*38*	*140*	*140*
	0003	B11	A		1	12.0	4	87	I	48	96		114	40			.953	.593	12.40	8.94	26	26	90	90
							BA = 20.00				T/A = 25.465											*26*	*26*	*90*	*90*
	0004	B11	A		1	12.0	4	87	I	40	80		114	40			.953	.593	12.34	8.54	26	26	90	90
							BA = 20.00				T/A = 25.465											*26*	*26*	*90*	*90*
	0005	B11	A		1	13.0	4	87	I	42	83		114	40			.953	.593	13.29	8.73	29	29	90	90
							BA = 20.00				T/A = 21.698											*29*	*29*	*90*	*90*
PLOT							BA = 100.00				T/A = 101.275											3,314	3,314	11,550	11,550
DW12	0001	B11	A		1	16.0	4	87	I	62	96		113	30			.953	.593	16.43	12.16	37	37	150	150
							BA = 20.00				T/A = 14.324			214	30			.953	.593	12.16	8.70	20	20	60	60
																						57	*57*	*210*	*210*
	0002	B11	A		1	16.0	4	87	I	62	96		112	30			.953	.593	16.43	12.16	37	37	150	150
							BA = 20.00				T/A = 14.324			214	30			.953	.593	12.16	8.70	20	20	60	60
																						57	*57*	*210*	*210*
	0003	B11	A		1	16.0	4	87	I	62	96		112	30			.953	.593	16.43	12.16	37	37	150	150
							BA = 20.00				T/A = 14.324			214	30			.953	.593	12.16	8.70	20	20	60	60
																						57	*57*	*210*	*210*
	0004	B11	A		1	12.0	4	87	I	45	90		114	40			.953	.593	12.38	8.82	26	26	90	90
							BA = 20.00				T/A = 25.465											*26*	*26*	*90*	*90*
	0005	B11	A		1	12.0	4	87	I	45	90		114	40			.953	.593	12.38	8.82	26	26	90	90
							BA = 20.00				T/A = 25.465											*26*	*26*	*90*	*90*
PLOT							BA = 100.00				T/A = 93.901											3,774	3,774	13,608	13,608
DW13	0001	B11	A		1	10.0	4	87	I	31	62		114	30			.953	.593	10.24	7.49	14	14	50	50
							BA = 20.00				T/A = 36.669											*14*	*14*	*50*	*50*
	0002	B11	A		1	14.0	4	87	I	82	158		113	40			.953	.593	14.51	10.70	36	36	150	150
							BA = 20.00				T/A = 18.709			214	40			.953	.593	10.70	8.63	21	21	90	90
																						57	*57*	*240*	*240*
	0003	B11	A		1	18.0	4	87	I	72	102		112	40			.953	.593	18.52	12.85	56	56	200	200
							BA = 20.00				T/A = 11.318			214	30			.953	.593	12.85	8.72	20	20	60	60
																						76	*76*	*260*	*260*
	0004	B11	A		1	18.0	4	87	I	72	102		112	30			.953	.593	18.52	13.79	45	45	180	180
							BA = 20.00				T/A = 11.318			214	40			.953	.593	13.79	8.72	29	29	90	90
																						74	*74*	*270*	*270*
PLOT							BA = 80.00				T/A = 78.014											3,277	3,277	12,322	12,322
DW14	0003	B11	A		1	12.0	4	87	I	52	104		114	30			.953	.593	12.42	9.45	21	21	70	70
							BA = 20.00				T/A = 25.465			214	20			.953	.593	9.45	8.61	10	10	40	40
																						31	*31*	*110*	*110*
	0004	B11	A		1	12.0	4	87	I	52	104		114	30			.953	.593	12.42	9.45	21	21	70	70
							BA = 20.00				T/A = 25.465			214	20			.953	.593	9.45	8.61	10	10	40	40
																						31	*31*	*110*	*110*
	0005	B11	A		1	16.0	4	87	I	65	101		112	30			.953	.593	16.45	12.24	37	37	150	150
							BA = 20.00				T/A = 14.324			214	30			.953	.593	12.24	9.11	21	21	70	70
																						58	*58*	*220*	*220*
	0006	B11	A		1	17.0	4	87	I	62	91		112	30			.953	.593	17.43	12.83	39	39	150	150
							BA = 20.00				T/A = 12.688			214	30			.953	.593	12.83	8.73	20	20	60	60
																						59	*59*	*210*	*210*
PLOT							BA = 80.00				T/A = 77.942											3,158	3,158	11,418	11,418
JL01	0001	B11	A		1	15.0	4	87	I	58	95		112	20	1		.953	.593	15.40	12.14	23	23	100	90
							BA = 20.00				T/A = 16.297			214	36			.953	.593	12.14	8.68	23	23	80	80
																						46	*46*	*180*	*170*
	0002	B11	A		1	11.0	4	87	I	25	50		114	24			.953	.593	11.07	8.25	14	14	40	40
							BA = 20.00				T/A = 30.305											*14*	*14*	*40*	*40*

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
05N	07W	33	TAKE	0001	22.00	29	181	1/1/2006	I	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
JL01	0003	B11	A			1	13.0	4	87	I	35	65		114	34		.953	.593	13.17	8.64	24	24	70	70
							BA = 20.00				T/A = 21.698										*24*	*24*	*70*	*70*
	0004	B11	A			1	14.0	4	87	I	52	93		113	30	2	.953	.593	14.37	10.61	27	27	110	100
							BA = 20.00				T/A = 18.709			214	20		.953	.593	10.61	8.67	11	11	40	40
																					38	*38*	*150*	*140*
	0005	B11	A			1	13.0	4	87	I	44	88		110	3		.953	.593	13.32	12.60				
							BA = 20.00				T/A = 21.698			214	40	1	.953	.593	12.60	8.62	26	26	90	90
																					26	*26*	*90*	*90*
PLOT							BA = 100.00				T/A = 108.707										2,970	2,970	10,424	10,074
JL02	0001	B11	A			1	11.0	4	87	I	25	50		114	24		.953	.593	11.07	8.25	14	14	40	40
							BA = 20.00				T/A = 30.305										*14*	*14*	*40*	*40*
	0002	B11	A			1	12.0	4	87	I	35	70		114	32	2	.953	.593	12.27	8.78	21	21	70	60
							BA = 20.00				T/A = 25.465										*21*	*21*	*70*	*60*
	0003	B11	A			1	11.0	4	87	I	31	62		114	30		.953	.593	11.26	8.24	18	18	60	60
							BA = 20.00				T/A = 30.305										*18*	*18*	*60*	*60*
	0005	B11	A			1	12.5	4	87	I	33	66		114	32		.953	.593	12.67	8.63	21	21	70	70
							BA = 20.00				T/A = 23.468										*21*	*21*	*70*	*70*
	0006	B11	A			1	13.0	4	87	I	37	70		113	16		.953	.593	13.21	10.73	14	14	60	60
							BA = 20.00				T/A = 21.698			214	19		.953	.593	10.73	8.68	10	10	40	40
																					24	*24*	*100*	*100*
	0007	B11	A			1	15.0	4	87	I	64	107		113	30		.953	.593	15.45	11.54	32	32	130	130
							BA = 20.00				T/A = 16.297			214	32		.953	.593	11.54	8.67	19	19	70	70
																					51	*51*	*200*	*200*
	0008	B11	A			1	14.0	4	87	I	52	93		113	20	2	.953	.593	14.37	11.32	20	20	80	80
							BA = 20.00				T/A = 18.709			214	30	2	.953	.593	11.32	8.67	18	18	60	50
																					38	*38*	*140*	*130*
PLOT							BA = 140.00				T/A = 166.248										4,060	4,060	14,504	14,063
JL03	0001	B11	A			1	14.0	4	87	I	41	69		114	40		.953	.593	14.22	8.64	31	31	90	90
							BA = 20.00				T/A = 18.709										*31*	*31*	*90*	*90*
	0002	B11	A			1	14.0	4	87	I	41	69		114	40	2	.953	.593	14.22	8.64	31	31	90	80
							BA = 20.00				T/A = 18.709										*31*	*31*	*90*	*80*
	0003	B11	A			1	16.0	4	87	I	63	97		112	30		.953	.593	16.44	12.19	37	37	150	150
							BA = 20.00				T/A = 14.324			214	30		.953	.593	12.19	8.84	20	20	60	60
																					57	*57*	*210*	*210*
	0004	B11	A			1	14.0	4	87	I	66	123		113	32		.953	.593	14.46	10.81	29	29	120	120
							BA = 20.00				T/A = 18.709			214	32		.953	.593	10.81	8.64	17	17	70	70
																					46	*46*	*190*	*190*
	0005	B11	A			1	12.0	4	87	I	31	62		114	30		.953	.593	12.19	8.62	20	20	60	60
							BA = 20.00				T/A = 25.465										*20*	*20*	*60*	*60*
	0006	B11	A			1	13.0	4	87	I	41	80		114	40	1	.953	.593	13.28	8.62	29	29	90	90
							BA = 20.00				T/A = 21.698										*29*	*29*	*90*	*90*
	0008	B11	A			1	12.5	4	87	I	33	66		114	30	2	.953	.593	12.67	8.88	20	20	60	50
							BA = 20.00				T/A = 23.468										*20*	*20*	*60*	*50*
PLOT							BA = 140.00				T/A = 141.081										4,445	4,445	14,819	14,397
JL04	0001	B11	A			1	13.0	4	87	I	41	80		114	40		.953	.593	13.28	8.62	29	29	90	90
							BA = 20.00				T/A = 21.698										*29*	*29*	*90*	*90*
	0003	B11	A			1	12.0	4	87	I	41	82		114	40		.953	.593	12.35	8.60	26	26	90	90
							BA = 20.00				T/A = 25.465										*26*	*26*	*90*	*90*
	0004	B11	A			1	15.0	4	87	I	72	122		112	40		.953	.593	15.49	11.08	42	42	180	180
							BA = 20.00				T/A = 16.297			214	30		.953	.593	11.08	8.66	18	18	60	60

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
05N	07W	33	TAKE	0001	22.00	29	181	1/1/2006	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S	SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
																						60	*60*	*240*	*240*
JL04	0005	B11	A			1 I	15.0	4	87	I	72	122		112	40	I		.953	.593	15.49	11.08	42	42	180	180
							BA = 20.00				T/A = 16.297			214	30			.953	.593	11.08	8.66	18	18	60	60
																						60	*60*	*240*	*240*
	0007	B11	A			1 I	11.0	4	87	I	25	50		114	24			.953	.593	11.07	8.25	14	14	40	40
							BA = 20.00				T/A = 30.305											*14*	*14*	*40*	*40*
	0008	B11	A			I	15.0	4	87	I	72	122		113	40			.953	.593	15.49	11.08	42	42	180	180
							BA = 20.00				T/A = 16.297			214	30			.953	.593	11.08	8.66	18	18	60	60
																						60	*60*	*240*	*240*
PLOT							BA = 120.00				T/A = 126.360											4,649	4,649	17,191	17,191
JL05	0001	B11	A			1 I	13.0	4	87	I	52	104		113	24			.953	.593	13.39	10.35	20	20	90	90
							BA = 20.00				T/A = 21.698			214	24			.953	.593	10.35	8.79	13	13	40	40
																						33	*33*	*130*	*130*
	0002	B11	A			1 I	14.0	4	87	I	60	110		110	2			.953	.593	14.42	13.85				
							BA = 20.00				T/A = 18.709			214	34			.953	.593	13.85	10.43	29	29	130	130
														310	4			.953	.593	10.43	10.16				
														414	16			.953	.593	10.16	8.84	9	9	30	30
																						38	*38*	*160*	*160*
	0003	B11	A			1	11.5	4	87	I	25	50		114	24			.953	.593	11.57	8.63	14	14	40	40
							BA = 20.00				T/A = 27.727											*14*	*14*	*40*	*40*
	0004	B11	A			1	14.0	4	87	I	56	102		113	24			.953	.593	14.40	11.11	24	24	100	100
							BA = 20.00				T/A = 18.709			214	30			.953	.593	11.11	8.66	18	18	60	60
																						42	*42*	*160*	*160*
	0005	B11	A			1	12.0	4	87	I	41	82		114	40			.953	.593	12.35	8.60	26	26	90	90
							BA = 20.00				T/A = 25.465											*26*	*26*	*90*	*90*
	0006	B11	A			1	10.0	4	87	I	17	20		114	16			.953	.593	9.94	7.82	7	7	30	30
							BA = 20.00				T/A = 36.669											*7*	*7*	*30*	*30*
	0007	B11	A			1	11.0	4	87	I	21	39		114	20			.953	.593	10.94	8.29	11	11	40	40
							BA = 20.00				T/A = 30.305											*11*	*11*	*40*	*40*
PLOT							BA = 140.00				T/A = 179.282											3,853	3,853	14,521	14,521
JL06	0001	B11	A			1	13.0	4	87	I	39	75		110	18			.953	.593	13.25	10.63				
							BA = 20.00				T/A = 21.698			214	20			.953	.593	10.63	8.63	11	11	40	40
																						11	*11*	*40*	*40*
	0002	B11	A			1	13.5	4	87	I	41	74		114	40			.953	.593	13.75	8.63	29	29	90	90
							BA = 20.00				T/A = 20.120											*29*	*29*	*90*	*90*
	0003	B11	A			1	14.0	4	87	I	62	114		113	30			.953	.593	14.44	10.84	27	27	110	110
							BA = 20.00				T/A = 18.709			214	30			.953	.593	10.84	8.65	16	16	60	60
																						43	*43*	*170*	*170*
	0004	B11	A			1	15.0	4	87	I	72	122		113	30			.953	.593	15.49	11.68	32	32	130	130
							BA = 20.00				T/A = 16.297			214	40			.953	.593	11.68	8.66	23	23	90	90
																						55	*55*	*220*	*220*
	0005	B11	A			1	10.0	4	87	I	17	20		114	16			.953	.593	9.94	7.82	7	7	30	30
							BA = 20.00				T/A = 36.669											*7*	*7*	*30*	*30*
	0006	B11	A			1	13.0	4	87	I	31	54		114	30	1		.953	.593	13.04	8.65	22	22	60	50
							BA = 20.00				T/A = 21.698											*22*	*22*	*60*	*50*
	0007	B11	A			1	20.0	4	87	I	50	64		110	20			.953	.593	20.25	16.00				
							BA = 20.00				T/A = 9.167			214	30	3		.953	.593	16.00	8.33	28	28	60	50
																						28	*28*	*60*	*50*
	0008	B11	A			1	16.0	4	87	I	56	85		113	30			.953	.593	16.38	11.98	34	34	130	130
							BA = 20.00				T/A = 14.324			214	24			.953	.593	11.98	8.72	14	14	40	40
																						48	*48*	*170*	*170*
PLOT							BA = 160.00				T/A = 158.683											4,201	4,201	14,832	14,523
JL07	0001	B11	A			1 I	16.0	4	87	I	50	75		112	10			.953	.593	16.30	13.94	13	13	60	60
							BA = 20.00				T/A = 14.324			210	3			.953	.593	13.94	13.52				
														314	35			.953	.593	13.52	8.74	25	25	80	80

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
05N	07W	33	TAKE	0001	22.00	29	181	1/1/2006	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFi	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
																					38	*38*	*140*	*140*
JL07	0002	B	11	A		1	12.0	4	87	I	21	33		114	20		.953	.593	11.93	8.71	12	12	40	40
							BA = 20.00				T/A = 25.465										*12*	*12*	*40*	*40*
	0003	B	11	A		1	13.0	4	87	I	37	70		114	36		.953	.593	13.21	8.63	26	26	80	80
							BA = 20.00				T/A = 21.698										*26*	*26*	*80*	*80*
	0004	B	11	A		1	13.0	4	87	I	49	98		113	20		.953	.593	13.37	10.53	17	17	70	70
							BA = 20.00				T/A = 21.698			214	27		.953	.593	10.53	8.65	14	14	50	50
																					31	*31*	*120*	*120*
	0005	B	11	A		1	18.0	4	87	I	65	91		112	24	1	.953	.593	18.46	14.19	38	38	170	160
							BA = 20.00				T/A = 11.318			214	40		.953	.593	14.19	8.53	31	31	90	90
																					69	*69*	*260*	*250*
	0006	B	11	A		1	16.0	4	87	I	47	70		113	30		.953	.593	16.26	11.53	34	34	130	130
							BA = 20.00				T/A = 14.324			213	16		.953	.593	11.53	8.53	10	10	30	30
																					44	*44*	*160*	*160*
	0007	B	11	A		1	15.0	4	87	I	48	76		113	30	1	.953	.593	15.30	11.02	32	32	130	120
							BA = 20.00				T/A = 16.297			214	16		.953	.593	11.02	8.72	10	10	30	30
																					42	*42*	*160*	*150*
	0008	B	11	A		1	12.0	4	87	I	31	62		113	30	1	.953	.593	12.19	8.62	20	20	60	50
							BA = 20.00				T/A = 25.465										*20*	*20*	*60*	*50*
PLOT							BA = 160.00				T/A = 150.588										4,692	4,692	16,733	16,203
LF01	0001	B	11	A		1	11.0	4	87	I	25	50		114	24		.953	.593	11.07	8.25	14	14	40	40
							BA = 20.00				T/A = 30.305										*14*	*14*	*40*	*40*
	0003	B	11	A		1	13.0	4	87	I	44	88		113	26		.953	.593	13.32	10.08	22	22	90	90
							BA = 20.00				T/A = 21.698			214	16		.953	.593	10.08	8.66	9	9	30	30
																					31	*31*	*120*	*120*
	0004	B	11	A		1	14.0	4	87	I	55	99		113	30		.953	.593	14.39	10.69	27	27	110	110
							BA = 20.00				T/A = 18.709			214	23	3	.953	.593	10.69	8.66	12	12	40	40
																					39	*39*	*150*	*150*
PLOT							BA = 60.00				T/A = 70.712										1,827	1,827	6,622	6,622
LF02	0001	B	11	A		1	11.0	4	87	I	17	20		114	16		.953	.593	10.94	8.60	9	9	30	30
							BA = 20.00				T/A = 30.305										*9*	*9*	*30*	*30*
	0002	B	11	A		1	10.0	4	87	I	11	17		114	15		.953	.593	9.94	8.33	7	7	20	20
							BA = 20.00				T/A = 36.669										*7*	*7*	*20*	*20*
	0003	B	11	A		1	10.0	4	87	I	11	17		114	15		.953	.593	9.94	8.33	7	7	20	20
							BA = 20.00				T/A = 36.669										*7*	*7*	*20*	*20*
	0004	B	11	A		1	13.0	4	87	I	56	112		113	20		.953	.593	13.42	10.58	17	17	70	70
							BA = 20.00				T/A = 21.698			214	30	2	.953	.593	10.58	8.91	16	16	60	50
																					33	*33*	*130*	*120*
	0005	B	11	A		1	12.0	4	87	I	40	80		114	40		.953	.593	12.34	8.54	26	26	90	90
							BA = 20.00				T/A = 25.465										*26*	*26*	*90*	*90*
	0006	B	11	A		1	12.0	4	87	I	31	62		114	30		.953	.593	12.19	8.62	20	20	60	60
							BA = 20.00				T/A = 25.465										*20*	*20*	*60*	*60*
	0007	B	11	A		I	11.0	4	87	I	25	50		114	24		.953	.593	11.07	8.25	14	14	40	40
							BA = 20.00				T/A = 30.305										*14*	*14*	*40*	*40*
	0008	B	11	A		I	17.0	4	87	I	52	74		110	8		.953	.593	17.32	15.29				
							BA = 20.00				T/A = 12.688			212	24		.953	.593	15.29	12.15	28	28	120	120
														314	18		.953	.593	12.15	8.77	12	12	30	30
																					40	*40*	*150*	*150*
	0009	B	11	A		1	20.0	4	87	L	66	111		112	32		.953	.593	20.61	15.27	60	60	280	280
							BA = 20.00				T/A = 9.167			213	32		.953	.593	15.27	11.55	34	34	140	140
																					94	*94*	*420*	*420*
	0010	B	11	A		I	13.0	4	87	I	55	110		113	20		.953	.593	13.41	10.57	17	17	70	70
							BA = 20.00				T/A = 21.698			214	33		.953	.593	10.57	8.64	18	18	70	70
																					35	*35*	*140*	*140*

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
05N	07W	33	TAKE	0001	22.00	29	181	1/1/2006	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S	SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
PLOT							BA = 200.00				T/A = 250.130											5,226	5,226	19,020	18,803
LF03	0001	B11	A		1	I	15.0	4	87	I	55	90		113	30			.953	.593	15.38	11.31	32	32	130	130
							BA = 20.00				T/A = 16.297			214	20	1		.953	.593	11.31	9.10	13	13	50	50
																						45	*45*	*180*	*180*
	0002	B11	A		1		12.0	4	87	I	41	82		114	40			.953	.593	12.35	8.60	26	26	90	90
							BA = 20.00				T/A = 25.465											*26*	*26*	*90*	*90*
	0003	B11	A		1		15.0	4	87	I	50	80		113	30	2		.953	.593	15.32	11.12	32	32	130	120
							BA = 20.00				T/A = 16.297			214	20			.953	.593	11.12	8.38	12	12	40	40
																						44	*44*	*170*	*160*
	0004	B11	A		1		13.0	4	87	I	45	90		114	40			.953	.593	13.33	8.99	29	29	90	90
							BA = 20.00				T/A = 21.698											*29*	*29*	*90*	*90*
	0005	B11	A		1		13.0	4	87	I	47	94		113	40			.953	.593	13.35	9.13	31	31	120	120
							BA = 20.00				T/A = 21.698											*31*	*31*	*120*	*120*
	0006	B11	A		1		14.0	4	87	I	52	93		113	30			.953	.593	14.37	10.61	27	27	110	110
							BA = 20.00				T/A = 18.709			214	20	3		.953	.593	10.61	8.67	11	11	40	30
																						38	*38*	*150*	*140*
	0007	B11	A		1		14.0	4	87	I	53	95		114	40			.953	.593	14.37	9.82	34	34	120	120
							BA = 20.00				T/A = 18.709			214	11	1		.953	.593	9.82	8.67	5	5	20	20
																						39	*39*	*140*	*140*
	0008	B11	A		1		17.0	4	87	I	72	107		112	40			.953	.593	17.50	12.26	52	52	200	200
							BA = 20.00				T/A = 12.688			214	30			.953	.593	12.26	8.70	20	20	60	60
																						72	*72*	*260*	*260*
PLOT							BA = 160.00				T/A = 151.561											5,769	5,769	21,277	20,927
LF04	0006	B11	A		1		17.0	4	87	I	52	74		112	20			.953	.593	17.32	13.62	28	28	120	120
							BA = 20.00				T/A = 12.688			214	30			.953	.593	13.62	8.77	22	22	60	60
																						50	*50*	*180*	*180*
	0007	B11	A		1		10.0	4	87	I	31	62		114	30			.953	.593	10.24	7.49	14	14	50	50
							BA = 20.00				T/A = 36.669											*14*	*14*	*50*	*50*
	0008	B11	A		1		12.0	4	87	I	25	47		114	24			.953	.593	11.93	8.65	14	14	40	40
							BA = 20.00				T/A = 25.465											*14*	*14*	*40*	*40*
	0009	B11	A		1		13.0	4	87	I	37	70		114	36			.953	.593	13.21	8.63	26	26	80	80
							BA = 20.00				T/A = 21.698											*26*	*26*	*80*	*80*
	0010	B11	A		1		15.0	4	87	I	48	76		110	5			.953	.593	15.30	14.07				
							BA = 20.00				T/A = 16.297			212	16			.953	.593	14.07	11.94	16	16	70	70
														314	25			.953	.593	11.94	8.72	15	15	50	50
																						31	*31*	*120*	*120*
	0011	B11	A		1		14.0	4	87	I	50	89		110	5			.953	.593	14.35	13.12				
							BA = 20.00				T/A = 18.709			212	16			.953	.593	13.12	11.23	15	15	70	70
														314	27			.953	.593	11.23	8.67	16	16	50	50
																						31	*31*	*120*	*120*
PLOT							BA = 120.00				T/A = 131.527											3,154	3,154	11,073	11,073
LF05	0001	B11	A		1		22.0	4	87	I	48	59		113	30	3		.953	.593	22.18	15.13	63	63	270	240
							BA = 20.00				T/A = 7.576			214	16			.953	.593	15.13	9.00	14	14	30	30
																						77	*77*	*300*	*270*
	0002	B11	A		1		18.0	4	87	I	48	65		112	30			.953	.593	18.24	12.76	42	42	150	150
							BA = 20.00				T/A = 11.318			214	16			.953	.593	12.76	8.83	11	11	30	30
																						53	*53*	*180*	*180*
	0003	B11	A		1		15.0	4	87	I	47	75		112	20			.953	.593	15.28	12.02	23	23	100	100
							BA = 20.00				T/A = 16.297			214	25			.953	.593	12.02	8.72	16	16	50	50
																						39	*39*	*150*	*150*
	0004	B11	A		1		10.0	4	87	I	21	39		114	20			.953	.593	9.94	7.54	9	9	30	30
							BA = 20.00				T/A = 36.669											*9*	*9*	*30*	*30*
	0006	B11	A		1		23.0	4	87	I	72	90		112	40	4		.953	.593	23.58	15.89	88	88	360	320
							BA = 20.00				T/A = 6.932			214	30	4		.953	.593	15.89	8.84	26	26	60	50
																						114	*114*	*420*	*370*
PLOT							BA = 100.00				T/A = 78.793											2,939	2,939	10,766	10,192

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
05N	07W	33	TAKE	0001	22.00	29	181	1/1/2006	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S	SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
LF06	0001	B11	A			1 I	13.0	4	87	I	34	62			114	33		.953	.593	13.14	8.64	24	24	70	70
						BA = 20.00					T/A = 21.698											*24*	*24*	*70*	*70*
	0002	B11	A			1 I	15.0	4	87	I	43	67			112	20		.953	.593	15.22	11.96	22	22	80	80
						BA = 20.00					T/A = 16.297				214	21	2	.953	.593	11.96	8.74	13	13	40	40
																						35	*35*	*120*	*120*
	0003	B11	A			1 I	11.0	4	87	I	25	50			114	24		.953	.593	11.07	8.25	14	14	40	40
						BA = 20.00					T/A = 30.305											*14*	*14*	*40*	*40*
	0004	B11	A			1 I	10.0	4	87	I	21	39			114	20		.953	.593	9.94	7.54	9	9	30	30
						BA = 20.00					T/A = 36.669											*9*	*9*	*30*	*30*
	0005	B11	A			1 I	11.0	4	87	I	31	62			114	30		.953	.593	11.26	8.24	18	18	60	60
						BA = 20.00					T/A = 30.305											*18*	*18*	*60*	*60*
	0006	B11	A			1 I	11.0	4	87	I	31	62			114	30		.953	.593	11.26	8.24	18	18	60	60
						BA = 20.00					T/A = 30.305											*18*	*18*	*60*	*60*
	0007	B11	A			1 I	13.0	4	87	I	52	104			113	20		.953	.593	13.39	10.56	17	17	70	70
						BA = 20.00					T/A = 21.698				214	30		.953	.593	10.56	8.64	16	16	60	60
																						33	*33*	*130*	*130*
PLOT						BA = 140.00					T/A = 187.278											3,652	3,652	12,244	12,244
LF07	0001	B11	A			1 I	13.0	4	87	I	32	57			113	16		.953	.593	13.08	10.71	14	14	60	60
						BA = 20.00					T/A = 21.698				214	14		.953	.593	10.71	8.72	8	8	20	20
																						22	*22*	*80*	*80*
	0002	B11	A			1 I	11.0	4	87	I	31	62			114	30		.953	.593	11.26	8.24	18	18	60	60
						BA = 20.00					T/A = 30.305											*18*	*18*	*60*	*60*
	0003	B11	A			1 I	12.0	4	87	I	51	102			113	20		.953	.593	12.42	9.80	14	14	50	50
						BA = 20.00					T/A = 25.465				214	29		.953	.593	9.80	8.61	14	14	50	50
																						28	*28*	*100*	*100*
	0004	B11	A			1 I	14.0	4	87	I	60	110			110	13		.953	.593	14.42	11.83				
						BA = 20.00					T/A = 18.709				213	28		.953	.593	11.83	10.09	20	20	100	100
															314	17		.953	.593	10.09	8.65	9	9	30	30
																						29	*29*	*130*	*130*
	0005	B11	A			1 I	13.0	4	87	I	28	47			114	27		.953	.593	12.93	8.67	18	18	50	50
						BA = 20.00					T/A = 21.698											*18*	*18*	*50*	*50*
	0006	B11	A			1 I	11.0	4	87	I	21	39			114	20		.953	.593	10.94	8.29	11	11	40	40
						BA = 20.00					T/A = 30.305											*11*	*11*	*40*	*40*
	0007	B11	A			1 I	10.0	4	87	I	21	39			114	20		.953	.593	9.94	7.54	9	9	30	30
						BA = 20.00					T/A = 36.669											*9*	*9*	*30*	*30*
	0008	B11	A			1 I	13.0	4	87	I	66	132			113	30		.953	.593	13.46	10.25	25	25	110	110
						BA = 20.00					T/A = 21.698				214	34		.953	.593	10.25	8.62	18	18	70	70
																						43	*43*	*180*	*180*
	0009	B11	A			1 I	15.0	4	87	I	48	76			113	24		.953	.593	15.30	11.66	26	26	100	100
						BA = 20.00					T/A = 16.297				214	22		.953	.593	11.66	8.72	13	13	40	40
																						39	*39*	*140*	*140*
	0010	B11	A			1 I	15.0	4	87	I	43	67			112	24		.953	.593	15.22	11.50	26	26	100	100
						BA = 20.00					T/A = 16.297				214	17		.953	.593	11.50	8.74	10	10	30	30
																						36	*36*	*130*	*130*
	0011	B11	A			1 I	12.0	4	87	I	62	124			113	20		.953	.593	12.46	9.83	14	14	50	50
						BA = 20.00					T/A = 25.465				214	40	3	.953	.593	9.83	8.61	19	19	90	80
																						33	*33*	*140*	*130*
PLOT						BA = 220.00					T/A = 264.607											6,328	6,328	23,801	23,546
LF08	0001	B11	A			1 I	16.0	4	87	I	60	92			112	20		.953	.593	16.41	12.93	25	25	100	100
						BA = 20.00					T/A = 14.324				213	20		.953	.593	12.93	11.06	17	17	80	80
															314	17		.953	.593	11.06	8.77	10	10	30	30
																						52	*52*	*210*	*210*
	0002	B11	A			1 I	20.0	4	87	I	72	96			112	40		.953	.593	20.54	14.06	71	71	290	290
						BA = 20.00					T/A = 9.167				214	30		.953	.593	14.06	8.77	24	24	60	60

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
05N	07W	33	TAKE	0001	22.00	29	181	1/1/2006	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S	SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
																						95	*95*	*350*	*350*
LF08	0003	B	11	A		1	16.0	4	87	I	65	101			112	30		.953	.593	16.45	12.24	37	37	150	150
							BA = 20.00				T/A = 14.324				213	16		.953	.593	12.24	10.75	12	12	60	60
															314	16		.953	.593	10.75	8.75	9	9	30	30
																						58	*58*	*240*	*240*
	0004	B	11	A		1	18.0	4	87	I	75	107			112	40		.953	.593	18.53	12.98	56	56	200	200
							BA = 20.00				T/A = 11.318				214	33	3	.953	.593	12.98	8.72	21	21	70	60
																						77	*77*	*270*	*260*
	0005	B	11	A		1	14.0	4	87	I	57	104			112	20		.953	.593	14.41	11.35	20	20	80	80
							BA = 20.00				T/A = 18.709				214	35	2	.953	.593	11.35	8.66	21	21	80	70
																						41	*41*	*160*	*150*
	0006	B	11	A		1	20.0	4	87	I	62	82			112	36		.953	.593	20.44	14.00	64	64	260	260
							BA = 20.00				T/A = 9.167				214	24	3	.953	.593	14.00	8.81	19	19	40	40
																						83	*83*	*300*	*300*
	0007	B	11	A		1	23.0	4	87	I	70	87			112	40		.953	.593	23.56	15.74	88	88	360	360
							BA = 20.00				T/A = 6.932				214	28		.953	.593	15.74	8.85	24	24	50	50
																						112	*112*	*410*	*410*
	0008	B	11	A		1	24.0	4	87	I	49	59			110	8		.953	.593	24.18	21.72				
							BA = 20.00				T/A = 6.366				212	30	2	.953	.593	21.72	13.75	54	54	180	170
															314	9		.953	.593	13.75	9.07	7	7	20	20
																						61	*61*	*200*	*190*
PLOT							BA = 160.00				T/A = 90.307											6,011	6,011	22,569	22,205
TYPE							BA = 124.83				T/A = 131.316											3,797	3,797	13,848	13,716