

"STEWARDSHIP IN FORESTRY"

District: Klamath/Lake Date: July 08, 2010

cost summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$238,459.92	\$0.00	\$238,459.92
		Project Work:	\$(11,758.00)
	,	Advertised Value:	\$226,701.92

7/8/10



"STEWARDSHIP IN FORESTRY"

District: Klamath/Lake

Date: July 08, 2010

timber description

Location: Portions of Sections 29, 30, & 31, T37S, R12E, W.M., Klamath County, Oregon.

Stand Stocking: 20%

SpecieName	AvgDBH Amortization (%)		Recovery (%)	
White Fir	15	0	95	

Volume by Grade		CR 6" - 8	CR 8" - 1	Total
White Fir	467	544	885	1,896
Total	467	544	885	1,896

comments: Pond Values Used: 2nd Quarter Calendar Year 2010.

Log Markets: Klamath Falls and Medford.

SCALING COST ALLOWANCE = \$5.00/MBF

FUEL COST ALLOWANCE = \$3.00/Gallon

HAULING COST ALLOWANCE

Hauling costs equivalent to \$700 daily truck cost.

Other Costs (with Profit & Risk to be added):

Dust Abatement: \$18,210

Log Branding & Painting: \$1,476

TOTAL Other Costs (with Profit & Risk to be added): \$19,686

Other Costs (No Profit & Risk added):

Road Use Fee: \$1,915

TOTAL Other Costs (No Profit & Risk added): \$1,915



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Boondoggle Sale 341-11-25

District: Klamath/Lake

Date: July 08, 2010

logging conditions

combination#: 1

White Fir

50.00%

yarding distance: Medium (800 ft) logging system:

Wheel Skidder

downhill yarding: Yes Process: Feller Buncher

tree size:

Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF

bd. ft / load:

loads / day: cost / mbf:

12.0 \$70.95

machines:

Log Loader (B) Stroke Delimber (B)

Feller Buncher w/ Delimber

Tire Skidder

combination#: 2

White Fir

50.00%

varding distance: Medium (800 ft)

downhill yarding:

logging system:

Track Skidder

Process: Manual Falling/Delimbing

tree size:

Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF

bd. ft / load:

4,200

loads / day: cost / mbf:

10.0 \$81.10

machines:

Log Loader (B) Track Skidder

7/8/10

3



"STEWARDSHIP IN FORESTRY"

District: Klamath/Lake

Date:

July 08, 2010

logging costs

Operating Seasons:

1.00

Profit Risk:

12.00%

Project Costs:

\$11,758.00

Other Costs (P/R):

\$19,686.00

Slash Disposal:

\$0.00

Other Costs:

\$1,915.00

Miles of Road

Road Maintenance:

\$1.30

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	0.0	0.0	0.0

Hauling Costs

Species	\$/MBF	Trips/Day	MBF / Load
White Fir	\$0.00	3.0	3.9

Local Pond Values

Date	Specie	Grade	Value
7/8/10	White Fir	CR 6" - 8"	\$280.00
7/8/10	White Fir	CR 8" - 14"	\$300.00
7/8/10	White Fir	CR 14" - 22"	\$305.00



"STEWARDSHIP IN FORESTRY"

District:

Klamath/Lake

Date:

July 08, 2010

logging costs breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Scaling	Other	Total
White Fir	·	1							
\$76.02	\$1.37	\$2.31	\$56.09	\$10.38	\$17.54	\$0.00	\$5.00	\$1.01	\$169.72

Specie	Amortization	Pond Value	Stumpage	Amortized
White Fir	\$0.00	\$295.49	\$125.77	\$0.00



"STEWARDSHIP IN FORESTRY"

District: Klamath/Lake

Date:

July 08, 2010

summary

	d	

Specie	MBF	Value	Total
White Fir	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
White Fir	1,896	\$125.77	\$238,459.92

Gross Timber Sale Value

Recovery:

\$238,459.92

Prepared by: Ed Scheick

Phone: 541-883-5681

Summary of Project Work



Boondoggle 341-11-25

Project #1: Road Improvement and Construction	\$1,597.00
Project #2: Landing Slash Piling	\$2,318.00
Project #3: Culvert Replacement	\$1,590.00
Project #4: Road Closures	\$729.00
Project #5: Precommercial Thin	\$5,25.00

Total: \$11,758.00

Boondoggle 341-11-25

Other Costs



	AUGSTAN PRODUCTION CONTRACTOR				
			Road Maintenance		
Move-ir	cost (grader);	\$400.00			
	er of Bladings		Hummingbird Dr. (approximate		
Number of Mile			2,25 miles) to be bladed twice.	NO.	
	for equipment				
Cost / Hour (grader					
	rading Hours:				
	Grading Cost:				
	Total Cost:	. ,			
	Cost / MBF	\$1.30			
		Dust Abatemen	t (Profit & Risk to be added in Appraisal)		
WF	1,896	MBF	Average Load	3900 BF	486 # of Loads
Assume:	4	Trucks/Day		41 Haulii	ng Davs
	3	Trips / Day			ole # of Summer Ha
	12	Loads Per Day		5 Hours	/ Day
		•		\$88.00 Cost /	
			•	205 Total	Hours
				\$170.00 Move	In for Water Truck
				\$18,040.00 Dust A	
				\$18,210.00 Total	
				\$9.60 Cost	MBF
	60 (61 (62 (8)	********	(Profit and Risk to be added in Appraisal)		A STATE OF THE STATE OF
41	Hauling Days				
1.5	Hours / Day				
\$24.00	Cost / Hour				
\$1,476.00	Total Cost				
\$0.78	Cost / MBF				
		Other (osts with Profit and Risk Included		
\$18,210.00	Total Cost for	Dust Abatement	\$9.60 per MBF	nte entre protection protection (1995) de la companya de la companya de la companya de la companya de la compa	CO. A. C. BOCONO, C. C. B.
\$1,476.00	Total Cost for	Branding	\$0.78 per MBF		
\$19,686.00	Total Othe	r Costs	\$10.38 per MBF		
		Na & P.	sts without Profit and Risk Included		
\$1,915.00	Total Cost for	Road Use Fee	\$1.01 per MBF		
	Total Cost 101	Road Osc Foc	aror her aror.		

Boondoggle 341-11-25

Project Work



n og sengelegg form singere gaber handspille kildter byfalleger.		SPECIAL DESIGNATION OF STREET AND			Construction		
love-in Cost Dozer	\$400.00						514-55795110 F 5018-5779511V
			Road Impr	ovement			
Improvement							
	Points	Distance (feet)	Feet/Hour	Hours	Cost/Hour	Cost	
pen/Clear/Shape	E to F	1363	1000	1.4	\$132.50	\$180.60	
pen/Clear/Shape	G to H	2158	1000	2.2	\$132.50	\$285.94	
					Total	\$466.53	
Construction							
	Points	Distance (feet)	Feet/Hour	Hours	Cost/Hour	Cost	
pen/Clear/Shape	A to B	658	500	1.3	\$132.50	\$174.37	
pen/Clear/Shape	C to D	2098	500	4.2	\$132.50	\$555.97	
					Total	\$730.34	

			Project #2 Landing Sta	sh Piling			
18	Number of Landin	ngs					
	Shovel Time:	0.5	Hours / Landing	Cost / Hour	\$125.00	Total Cost:	\$1,125.00
	Cat Time:	0.5	Hours / Landing	Cost / Hour	\$132.50	Total Cost:	\$1,192.50

Move in

Open/Clear/Shape Project # 1 Total

\$400.00

\$1,196.87 **\$1,596.87**

								 Total Co	st: \$2,317	.50
		Pr	oject #3	Culver	rt Replace	men	1			
Move in Cost Excavator	\$400.00	7711141111	Cost / F.	Iour	Hours		Cost			
		Excavator	\$	120.00	6.0	\$	720.00	Quote from	J.W. Kerns,	
		Operator	\$	26.50	6.0	\$	159.00	Klamath 1	CONFERENCE AND RESERVATE BY SERVE	
				,	Total Cost	\$	879.00	6/3	10	
				18	3" x 54" Pol	yethy	lene Culvert	\$ 825.00		
			10	0 tons 3	/4- beddin	g roc	k (delivered)	\$ 120.00		
			10	tons 1	1/2" surfac	e roc	k (delivered)	\$ 120.00		
			Gra	der to s	pread surf	ace ro	ck (2 hours)	\$ 265.00		
			Labor	for Cul	lvert (2 boı	urs * 5	30.00/hour)	\$ 60.00		
						Culv	ert Disposal	\$ 100.00		
					Water so	irce (Fire Season)	\$ 100.00		
				To	otal Cost fo	r Cul	vert Repair:	\$ 1,590.00		

Boondoggle 341-11-25

Project Work



### Project ## Road Closures and Waterbarring 4 Number of Closure Points (A, C, E, and G) 1 Hours / Point (include travel) \$ 132.50 Cost / Hour (Cat) 4 Total Road Blocking Hours \$ 530.00 Total Cost 6 Waterbar Installation Locations on Closed Roads (Pts. A to B and C to D) 0.25 Hours / Point (include travel) \$ 132.50 Cost / Hour (Cat) \$ 198.75 Total Cost Waterbar Total Cost Project ## \$ 728.75 ### Project #5 PreCommercial Thin ### Hours Cost per Hour Total Feller Buncher 30.00 \$130.00 \$3,900.00 \$ Skidder 10.00 \$100.00 \$1,000.00 \$ Skidder 10.00 \$125.00 \$0.00 \$ \$0.00 \$125.00 \$0.00 \$ \$0.00 \$125.00 \$0.00 \$ \$0.00 \$10.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1.00.00 \$ \$0.00 \$1									
Hours / Point (include travel)				Project #	4 Road Closu	ires and Wate	erbarring		
\$ 132.50 Cost / Hour (Cat)		4	Number of Clo	sure Points (A, C, E	E, and G)			 	
Total Road Blocking Hours				,					
\$ 530.00 Total Cost 6 Waterbar Installation Locations on Closed Roads (Pts. A to B and C to D) 0.25 Hours / Point (include travel) \$ 132.50 Cost / Hour (Cat) \$ 198.75 Total Cost Waterbar Total Cost Project #4 \$ 728.75 Project #5 PreCommercial Thin Feller Buncher 30.00 \$130.00 \$3,900.00 Skidder 10.00 \$100.00 \$1,000.00 Shove 5.00 \$125.00 \$625.00 Total Cost Project #5 \$5,525.00 Cost Summary All Projects S1,597 Project #1 ~ Road Improvement and Construction \$2,318 Project #2 ~ Landing Slash Piling \$1,590 Project #3 ~ Culvert Replacement \$729 Project #4 ~ Road Closures \$5,525 Project #5 ~ PreCommercial Thin	\$,	•					
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Total Cost Project #4	\$,					
## Project #5 PreCommercial Thin Hours	\$		•	/					
Hours Cost per Hour Total	Total Cost Pr	oject #4		\$ 728.75					
Feller Buncher 30.00 \$130.00 \$3,900.00 Skidder 10.00 \$100.00 \$1,000.00 Shovel 5.00 \$125.00 \$625.00 Total Cost Project #5 \$5,525.00 **Cost Summary All Projects** \$1,597 Project # 1 ~ Road Improvement and Construction \$2,318 Project # 2 ~ Landing Slash Piling \$1,590 Project #3 ~ Culvert Replacement \$729 Project #4 ~Road Closures \$5,525 Project #5 ~ PreCommercial Thin				Pro	oject #5 PreC	ommercial T	hin		
Skidder 10.00 \$100.00 \$1,000.00 \$625.00 \$625.00 \$5,525.00 \$5,525.00 \$5,525.00 \$5,525.00 \$1.597 Project # 1 ~ Road Improvement and Construction \$2,318 Project # 2 ~ Landing Slash Piling \$1,590 Project # 3 ~ Culvert Replacement \$729 Project # 4 ~ Road Closures \$5,525 Project # 5 ~ PreCommercial Thin \$5,525 Project # 5 ~ PreCommercial Thin \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$625.00 \$625.00 \$5,525 Project # 5 ~ PreCommercial Thin \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$			Hours	Cost per Hour	Total				
Shovel 5.00 \$125.00 \$625.00 \$5,525.00	Fe		• • • • •	•	\$3,900.00				
Total Cost Project #5 \$5,525.00 Cost Summary All Projects \$1,597 Project # 1 ~ Road Improvement and Construction \$2,318 Project # 2 ~ Landing Slash Piling \$1,590 Project #3 ~ Culvert Replacement \$729 Project #4 ~Road Closures \$5,525 Project #5 ~ PreCommercial Thin				•	. ,				
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\$729 Project #4 ~Road Closures \$5,525 Project #5 ~ PreCommercial Thin		\$2,318	Project # 2 ~La	anding Slash Piling					
\$5,525 Project #5 ~ PreCommercial Thin		\$1,590	Project #3 ~ C	ulvert Replacement					
		\$729	Project #4 ~Ro	oad Closures					
\$11.758 Total Cost All Projects		\$5,525	Project #5 ~ Pr	reCommercial Thin					
* ***/* = = ** * * * * * * * * * * * * *		\$11,758	Total Cost	All Projects					

BOONDOGGLE

341-11-25 Cruise Report



SALE NAME: Boondoggle.

LEGAL DESCRIPTION:

Township 37S, R12 E, Portions of Sections 29, 30, & 31, W.M. Klamath County, OR.

BOUNDARY LINES:

Unit boundaries are posted with "Timber Sale Boundary" signs, marked with fluorescent orange paint and fluorescent orange flagging. Exclusion areas are flagged with flouorescent orange flagging.

FUND:

100% C.S.L.

ACREAGE:

The timber sale was delineated into 2 types based on differences in stocking and volume. Road 830-00 was the approximate boundary between the types.

Type 402A 147 Acres

Type 402B 180 Acres

Approximate Total Sale Acreage:327 Acres

Mapping was accomplished using a handheld Global Positioning System unit with the data run on the district Geographical Information System Program.

TREATMENT:

The timber sale is a diameter limit cut, with all unmarked white fir greater than 10.0 inches dbh and 50% or greater net sawlog volume to be cut. All white fir less than 10.0 inches dbh, all white fir greater than 30.0 inches dbh, and all orange painted white fir are reserved from cutting in the sale area. A minimal amount of ponderosa pine is cut tree marked with blue paint, all other pine is reserved from cutting.

CRUISE METHOD:

Variable Plot cruise with all the plots being measure plots.

BASAL AREA FACTOR:

T	ype	BAF	Type Acreage
40)2A	14 BAF	147 acres
40)2B	10 BAF	180 acres

PLOT DESIGNATION:

Plot centers were established at every plot. Blue flagging with the corresponding plot number was attached to the plot center and also to the nearest available tree branch.

SAMPLE SIZE CALCULATIONS:

TYPE	CV%	DESIRED SE%	ACRES
402A	65	15	147
402B	70	15	180

Number of Plots =
$$\frac{T^2C^2}{A^2}$$

C = Coefficient of Variation in Percent (Taken from inventory data)

T = Number of Standard Errors

A = Desired Sampling Error for a sale of this size and value

Type 402A
$$N = \frac{(1)^2(65)^2}{(15)^2} = 19 \text{ plots}$$
 Took 19 plots

Type 403A
$$N = \frac{(1)^2(70)^2}{(15)^2} = 22 \text{ plots}$$
 Took 24 plots

Measurements and Grading:

- DBH and Height were measured on all "in" trees in the plot.
- All plots were measure plots.
- See attached species and grade tables for minimum requirements.
- All trees were graded using the segment system.

TREE HEIGHT:

All trees were measured to a fixed diameter outside bark. This height is usually taken as high up the bole as possible, where the cruiser can clearly see the bole, and the taper remains constant (usually 6 or 8 inches). The log segments are broken out and graded accordingly.

MINIMUM D.B.H:

10.0 inches dbh.

DIAMETER STANDARDS:

1" diameter class

BTR:

Standard ratios were used. See attached species tables.

FORM FACTOR:

Form factor was measured or estimated at 16' for each tree. Each tree was assigned its own FF.

FORM POINT:

All trees were sighted at D.B.H.

VOLUME COMPUTATION:

All cruise data was input and run at the district on Atterbury's Super Ace program.

CRUISERS: Ed Scheick and Chris Weekly, Feb. 2010.

FINAL CRUISE RESULTS:

TYPE	CV%	SE%	ACRES
402A	75	17.7	147
402B	100	21	180
COMBINED	88	13.5	327

TIMBER DESCRIPTION

SAWLOG VOLUME:

This volume was obtained from the variable plot cruise. All material graded camprun. See grade table for minimum standards.

TOTAL SAWLOG VOLUME

SPECIES	AVE. DBH	GROSS VOL (MBF)	NET VOL (MBF)
White Fir	15.4	1921	1896

TOTAL NET SAWLOG VOLUME: 1896 MBF

TC TSTA	ATS			PF	STAT ROJECT	ISTICS BDOGG	LE			1 3/3/2010
TWP	RGE	SECT T	RACT	TY	/PE	ACRES	PLOTS	TREES	CuFt	BdFt
37S	12E	30 C	ОМВО	Al	В	327.00	43	205	. 1	Е
				TRE	ES -	ESTIMATE TOTAL	ED	PERCENT SAMPLE		
		PLOTS	TREES		PLOT	TREES		TREES		
TOTA		43	205		4.8					
CRUIS	SE	39	205		5.3	14,340		1.4		
DBH (COUNT									
REFO										
COUN										
BLAN 100 %		4								
				STAND	SUMMAR	Y				
		SAMPLE	TREES	AVG BC	LE RI	EL BASAL	GROSS	NET	GROSS	NET
		TREES	/ACRE		EN DI		BF/AC	BF/AC	CF/AC	CF/AC
WHITI	ΈF	205	43.9	15.4	43	11 57.			1,357	
TOTA		205	43.9	15.4	43	57.1	•	•	1,357	•
CL:	68.1 %	TIMES OUT COEFF	OF 100 THE		LL BE WIT	HIN THE SAM		# OF TREES	S RFO	INF. POP.
	1.0	VAR.%	S.E.%	LOW	AVO			# O1 TKLE	10	1:
WHITI	EF	. 99.4	6.9	203	3 21					
TOTA	L	99.4	6.9	203	3 21	8 233		394	0.0	
CL:	68.1 %	COEFF						394	99	4.
SD:	1.0			SA	MPLE TE			# OF TREES		INF. POP.
THE PROPERTY		VAR.%		SA LOW	MPLE TF	EES - CF				
	EF	81.9	5.7	LOW 45	AV0	REES - CF G HIGH 7 50		# OF TREES 5	S REQ. 10	INF. POP.
ТОТА	L	81.9 81.9		LOW	AV0	REES - CF G HIGH 7 50		# OF TREES	S REQ.	INF. POP.
TOTA	68.1 %	81.9	5.7	LOW 45 45	AV0	REES - CF 5 HIGH 7 50 7 50		# OF TREES 5	S REQ. 10	INF. POP.
TOTA CL: SD:	68.1 % 1.0	81.9 81.9 COEFF VAR.%	5.7 5.7 S.E.%	LOW 45 45 TR LOW	AVC 5 4 7 4 REES/ACR AVC	REES - CF		# OF TREES 5 268	S REQ. 10	INF. POP.
TOTA CL: SD: WHITE	68.1 % 1.0 E F	81.9 81.9 COEFF VAR.% 89.0	5.7 5.7 S.E.%	LOW 45 45 TF LOW 38	AVC 5 4 7 4 REES/ACR AVC 8 4	EES - CF G HIGH 7 50 7 50 E G HIGH 4 50		# OF TREES 5 268 # OF PLOTS 5	67 67 5 REQ. 10	INF. POP. 1:
CL: SD: WHITE TOTA	68.1 % 1.0 E F	81.9 81.9 COEFF VAR.% 89.0 89.0	5.7 5.7 S.E.%	LOW 49 49 TF LOW 38 38	AVC 5 4 REES/ACR AVC 3 4 4 4 4 4	REES - CF HIGH 50 HIGH 50 HIGH 50 4 50		# OF TREES 5 268 # OF PLOTS 5 317	67 67 67 5 REQ. 10	INF. POP. 1: 30 INF. POP. 1: 3:
CL: SD: WHITE TOTA	68.1 % 1.0 E F AL 68.1 %	81.9 81.9 COEFF VAR.% 89.0 89.0 COEFF	5.7 5.7 S.E.% 13.6 13.6	LOW 45 45 TF LOW 38 38 BA	AVC 5 4 7 4 REES/ACR AVC 8 4 8 4 REAL ARE	EES - CF HIGH 50 50 HIGH 50 E HIGH 4 50 4 50 A/ACRE		# OF TREES 5 268 # OF PLOTS 5 317 # OF PLOTS	67 67 5 REO. 10 79 5 REO.	INF. POP. 30 INF. POP. 1: 31 INF. POP.
CL: SD: WHITE TOTA CL: SD:	68.1 % 1.0 E F L 68.1 % 1.0	81.9 81.9 COEFF VAR.% 89.0 89.0 COEFF	5.7 5.7 S.E.% 13.6 13.6	LOW 45 45 TF LOW 38 38 BA LOW	AVC 5 4 7 4 REES/ACR AVC 8 4 8 4 8 AVC	EES - CF HIGH 50 50 E HIGH 4 50 4 50 A/ACRE G HIGH		# OF TREES 5 268 # OF PLOTS 5 317	67 67 67 5 REQ. 10	INF. POP. 1: 30 INF. POP. 1: 3:
CL: SD: WHITE TOTA	68.1 % 1.0 E F &L 68.1 % 1.0	81.9 81.9 COEFF VAR.% 89.0 89.0 COEFF	5.7 5.7 S.E.% 13.6 13.6	LOW 45 45 TF LOW 38 38 BA	AVC 5 4 5 4 6 AVC 8 AVC 8 4 8 4 8 AVC 8 AVC 8 AVC 9 5 5	EES - CF HIGH 50 50 6 HIGH 4 50 4 50 A/ACRE G HIGH 7 64		# OF TREES 5 268 # OF PLOTS 5 317 # OF PLOTS	67 67 5 REO. 10 79 5 REO.	INF. POP. 30 INF. POP. 1: 31 INF. POP.
CL: SD: WHITH TOTA CL: SD: WHITH TOTA	68.1 % 1.0 E F &L 68.1 % 1.0	81.9 81.9 COEFF VAR.% 89.0 89.0 COEFF VAR.%	5.7 5.7 S.E.% 13.6 13.6 S.E.%	LOW 49 45 TF LOW 38 38 BA LOW 50 50	AVC 5 4 5 4 6 AVC 8 AVC 8 4 8 4 8 AVC 8 AVC 8 AVC 9 5 5	EES - CF HIGH 50 50 E HIGH 50 4 50 A/ACRE HIGH 64 7 64 7 64		# OF TREES 5 268 # OF PLOTS 5 317 # OF PLOTS 5	67 67 5 REQ. 10 79 5 REQ. 10 64	INF. POP. 30 INF. POP. 1: 31 INF. POP. 1:
CL: SD: WHITE TOTA CL: GD: WHITE TOTA CL: GD: SD: SD: SD: SD: SD: SD: SD: SD: SD: S	68.1 % 1.0 E F AL 68.1 % 1.0 E F AL 68.1 % 1.0	81.9 81.9 COEFF VAR.% 89.0 89.0 COEFF VAR.% 80.1	5.7 5.7 S.E.% 13.6 13.6 S.E.%	LOW 49 45 TF LOW 38 38 BA LOW 50 50	AVC 5 4 7 4 7 4 7 AVC 8 4 8 4 8 AVC 8 AVC 9 5 9 5 9 5	EES - CF HIGH 50 50 E HIGH 4 50 4 50 A/ACRE HIGH 7 64 7 64 7 64		# OF TREES 5 268 # OF PLOTS 5 317 # OF PLOTS 5 256	67 67 5 REQ. 10 79 5 REQ. 10 64	INF. POP. 1: 30 INF. POP. 1: 31 INF. POP. 1: 20
CL: SD: WHITE TOTA CL: SD: WHITE TOTA CL: SD: WHITE TOTA	68.1 % 1.0 E F AL 68.1 % 1.0 E F AL 68.1 % 1.0 E F	81.9 81.9 COEFF VAR.% 89.0 89.0 COEFF VAR.% 80.1 COEFF VAR.%	5.7 5.7 S.E.% 13.6 13.6 S.E.% 12.2 12.2 S.E.% 13.5	LOW 45 45 TF LOW 38 38 BA LOW 50 NE LOW 5,016	AVC 5 4 6 4 REES/ACR AVC 8 4 8 4 8 AVC 0 5 0 5 CT BF/ACI AVC 5 5,79	EES - CF HIGH 50 50 E HIGH 4 50 4 50 A/ACRE HIGH 7 64 7 64 RE G HIGH 7 64 7 64 7 64 7 6578		# OF TREES 5 268 # OF PLOTS 5 317 # OF PLOTS 5 256 # OF PLOTS 5	67 67 S REQ. 10 79 S REQ. 10 64 65 REQ. 10	INF. POP. 1: 30: INF. POP. 1: 20: INF. POP. 1:
CL: SD: WHITE TOTA CL: GD: WHITE TOTA CL: GD: SD: SD: SD: SD: SD: SD: SD: SD: SD: S	68.1 % 1.0 E F AL 68.1 % 1.0 E F AL 68.1 % 1.0 E F	81.9 81.9 COEFF VAR.% 89.0 89.0 COEFF VAR.% 80.1 COEFF VAR.%	5.7 5.7 S.E.% 13.6 13.6 13.6 S.E.% 12.2 12.2	LOW 49 49 49 TF LOW 38 38 BA LOW 50 NE LOW	AVC 5 4 6 4 REES/ACR AVC 8 4 8 4 8 AVC 0 5 0 5 CT BF/ACI AVC 5 5,79	EES - CF HIGH 50 50 E HIGH 4 50 4 50 A/ACRE HIGH 7 64 7 64 RE G HIGH 7 64 7 64 7 64 7 6578		# OF TREES 5 268 # OF PLOTS 5 317 # OF PLOTS 5 256 # OF PLOTS	67 67 5 REQ. 10 79 5 REQ. 10 64 64 5 REQ.	INF. POP. 30 INF. POP. 1: 32 INF. POP. 1:
CL: SD: WHITE TOTA CL: SD: WHITE TOTA CL: SD: WHITE TOTA CL: TOTA	68.1 % 1.0 E F AL 68.1 % 1.0 E F AL 68.1 % 1.0 E F	81.9 81.9 COEFF VAR.% 89.0 89.0 COEFF VAR.% 80.1 COEFF VAR.%	5.7 5.7 S.E.% 13.6 13.6 S.E.% 12.2 12.2 S.E.% 13.5	LOW 49 49 49 49 49 100 38 38 BA LOW 50 NE LOW 5,016	AVC 5 4 6 4 REES/ACR AVC 8 4 8 4 8 AVC 0 5 0 5 CT BF/ACI AVC 5 5,79	REES - CF S HIGH 7 50 7 50 E G HIGH 4 50 A/ACRE G HIGH 7 64 7 64 RE G HIGH 7 64 7 64 7 64 7 6578		# OF TREES 5 268 # OF PLOTS 5 317 # OF PLOTS 5 256 # OF PLOTS 5	67 67 68 REQ. 10 79 68 REQ. 10 64 64 G REQ. 10	INF. POP. 1: 30: INF. POP. 1: 20: INF. POP. 1:
CL: SD: WHITE TOTA	68.1 % 1.0 E F AL 68.1 % 1.0 E F AL 68.1 % 1.0 E F AL 68.1 % 1.0	81.9 81.9 COEFF VAR.% 89.0 89.0 COEFF VAR.% 80.1 COEFF VAR.% 88.4 88.4 COEFF VAR.%	5.7 5.7 S.E.% 13.6 13.6 S.E.% 12.2 12.2 12.2 S.E.% 13.5 13.5	LOW 45 45 TF LOW 38 38 BA LOW 50 NE LOW 5,016 5,016 NE LOW	AVC 5 4 6 4 7 4 7 4 7 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	EES - CF HIGH 50 50 E HIGH 4 50 A/ACRE HIGH 7 64 7 64 7 64 RE G HIGH 7 6578 7 6,578 7 6,578 TI/ACRE G HIGH		# OF TREES 5 268 # OF PLOTS 5 317 # OF PLOTS 5 256 # OF PLOTS 5	67 67 68 REQ. 10 79 68 REQ. 10 64 64 G REQ. 10	INF. POP. 1: 30 INF. POP. 1: 20 INF. POP. 1: 21 1: 32 33 34 35 36 36 36 37 36 37 38 38 38
CL: SD: WHITE TOTA CL: SD: WHITE TOTA CL:	68.1 % 1.0 E F AL 68.1 % 1.0 E F AL 68.1 % 1.0 E F AL 68.1 % 1.0 E F	81.9 81.9 COEFF VAR.% 89.0 89.0 COEFF VAR.% 80.1 COEFF VAR.% 88.4 88.4	5.7 5.7 S.E.% 13.6 13.6 S.E.% 12.2 12.2 12.2 S.E.% 13.5 13.5	LOW 49 49 49 49 49 100 38 38 BA LOW 50 NE LOW 5,016 5,016	AVC 5 4 7 4 8 AVC 8 4 8 AVC 9 5 9 5 9 5 9 5 6 5,79 6 5,79 6 1,35	EES - CF HIGH 50 50 E HIGH 4 50 4 50 A/ACRE G HIGH 7 64 7 64 7 64 7 6578 7 6,578 6 HIGH 7 1,532		# OF TREES 5 268 # OF PLOTS 5 317 # OF PLOTS 5 256 # OF PLOTS 5 312 # OF PLOTS	67 67 8 REQ. 10 67 8 REQ. 10 64 64 65 REQ. 10 78 8 REQ. 10 78 8 REQ.	INF. POP. 1: 30: INF. POP. 1: 20: INF. POP. 1: 31: INF. POP. 1: 31: INF. POP.

Т37	T37S R12E S30 TyAB 327.00					BDOGGLE						I	age	1		
157	O TOLDES	,,,,,	~-			Acres		327.0	00					Date Time	3/9/201 11:17:3	
%							Per	cent of	Net Board F	oot Volu	me		2	Average	e Log	Logs
	S So Gr	Net	Bd. Ft	per Acre		Total	I	og Sc	ale Dia.		Log L	ength	Ln	Bd	CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF	6-8	8-14	14-22 22+	12-20	21-30	31-35 36-99	Ft	Ft	Lf	./Acre
WF	CR CR	100	1.3	5,875	5,797	1,896	29	47	25	11	12	77	27	107	0.91	54.3
WF	Totals	100	1.3	5,875	5,797	1,896	29	47	25	11	12	77	27	107	0.91	54.3
Total	s		1.3	5,875	5,797	1,896	29	47	25	11	12	77	27	107	0.91	54.3

Species Table Report

TblSpecies

03/09/2010 Date: Page: 1

Table Name: SUNPASS

Code Abry	Description	Bark Ratio	ASubo Const	Form Factor	Wood Type	Comp- onent	Yield Table	Min Log Dia	Min Log Len	Max Log Len	Log Trim	Max Tree Dia	Max Tree Hgt.		CuFt Rule	Weight
1 PP	PPINE	.87	₽P	.85	С	C	PPEQUA100	3	9	20	1.0	99	200	Е	1	4800
2 WF	WHITE F	.94	NF	.87	. С	С	DFEQUA050	3	9	20	1.0	99	200	E	1	5000
3 LP	LP PINE	.96	DF	.9	С	С	LPEQUA100	3	9	20	1.0	99	200	E	1	4800
4 DF	DOUG-FIR	.92	DF	.87	С	С	DFEQUA050	3	9	20	1.0	99	200	E	1	5700
5 SP	SUG PINE	.87	₽P	.84	C	С	PPEQUA100	3	9	20	1.0	99	200	E	1	4800
6 IC	INC CED	.90	SS	.8	C	С	DFEOUA050	3	9	20	1.0	99	200	E	1	4500
7 RF	SH RFIR	.924	DF	.89	C	C	DFEOUA050	3	9	20	1.0	99	200	E	1	5000

TblSortGrade

Sort/Grade Table

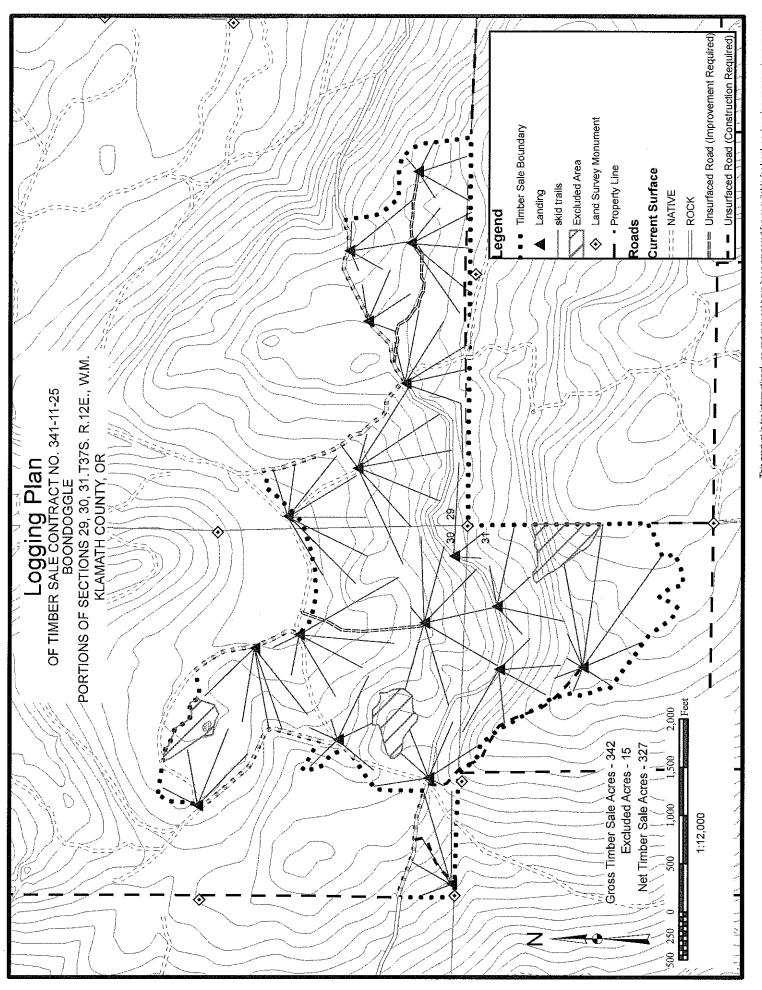
Table Name:

SUNPASS

Date:

03/09/2010

Sort	Grd	Abr	Desc			Max Dia	Max I Butt			Defect	Min Vol	Vol Type	Min Rings	Knot! Size	Knot Freq	Str	Sap	Min Age	Lbs	Lbs Type	Cords	Cords Type
	0	CU	CULL	G	1	0	0 .	1	99	0	0	M	0	0	0		·	0	0		0	
	1	CR	CAMPRU	G	6	0	0	10	99	0	0	M	0	0	. 0			0	0		0	
	7	GP	GRNPULP	G	3	0	0	10	99	0	0	M	. 0	0	0			0	0		0	
	8.	DP	DEADPUL	G	3	0	0	10	99	0-	0	M	0	0	0			0	. 0		0	•
	9	UT	UTILITY	G	8	0	0	12	99	0	0	M	0	0	0			0	0		0	
0		CU	CULL .	G	1	0	0	1	99	0	. 0	M	0	0	0			0	0		0	
1		CR	CAMPRU	G	1	0	0	ì	99	0	0	M	0	0	0			0	0		0	



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