



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Cost Summary Four Corners Sale 341-06-05

District: Klamath/Lake

Date: 7/8/05

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$913,482.73	\$0.00	\$913,482.73
		Project Work	(\$35,160.42)
		Advertised Value	\$878,322.31



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Timber Description Four Corners Sale 341-06-05

District: Klamath/Lake

Location: Portions of Sections 17,18,&19, T32S., R71/2E., W.M., Klamath County, Oregon.

Date: 7/8/05

Stand Stocking: 60%

Species	Avg. DBH	Amortized%	Recovery%
White Fir	18	0	97
Ponderosa Pine	13	0	97
Lodgepole Pine	13	0	95

Volume by Grade	White Fir	Ponderosa Pine	Lodgepole Pine	Total
Camprun	0	0	50	50
CR 6" - 8"	255	307	0	562
CR 8" - 14"	910	613	0	1,523
CR 14" - 22"	1,052	224	0	1,276
CR 22"+	598	35	0	633
Total	2,815	1,179	50	4,044

Comments: Pond Values Used: 2nd Quarter 2005.

Log Markets: Klamath Falls and Medford

Additional Costs with P&R:

Dust Abatement: \$19,958.00

Brand & Paint: \$4,046.00

Additional Fire Protection: \$1,658.00

TOTAL Additional Costs with P&R: \$25,662

Additional Costs without P&R:

Rock Replacement: \$3,289



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal

Logging Conditions

Four Corners

Sale 341-06-05

Combination#: 1

White Fir	29.00%
Ponderosa Pine	68.00%
Lodgepole Pine	100.00%

Yarding Distance: Medium (800 ft) **Downhill Yarding:** Yes
Logging System: Wheel Skidder **Process:** Feller Buncher
Tree Size: Small / Thinning 9in (70 Bft/tree), 20+ logs/MBF
Loads/Day: 10 **Bd. Ft./Load:** 3,500
Cost/MBF: \$95.83

Machines:
Feller Buncher w/ Delimber
Log Loader (B)
Stroke Delimber (B)
Tire Skidder

Combination#: 2

White Fir	71.00%
Ponderosa Pine	32.00%

Yarding Distance: Medium (800 ft) **Downhill Yarding:** Yes
Logging System: Track Skidder **Process:** Manual Falling/Delimiting
Tree Size: Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF
Loads/Day: 10 **Bd. Ft./Load:** 4,800
Cost/MBF: \$68.03

Machines:
Log Loader (B)
Track Skidder



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal

Logging Costs

Four Corners

Sale 341-06-05

Date: 7/8/05

Operating Seasons: 1.0

Profit & Risk: 12%

Project Costs: \$35,160

Other Costs (P/R): \$25,662

Slash Disposal: \$0

Other Costs: \$3,289

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

Road Maintenance: \$0.40

Hauling Costs

Species	\$/MBF	Trips/Day	MBF/Load
White Fir	\$0.00	2.0	4.0
Ponderosa Pine	\$0.00	2.0	3.5
Lodgepole Pine	\$0.00	2.0	3.0

Local Pond Values

Date	Species	Grade	Value
7/8/05	White Fir	CR 6" - 8"	\$400.00
7/8/05	White Fir	CR 8" - 14"	\$415.00
7/8/05	White Fir	CR 14" - 22"	\$420.00
7/8/05	White Fir	CR 22"+	\$420.00
7/8/05	Ponderosa Pine	CR 6" - 8"	\$305.00
7/8/05	Ponderosa Pine	CR 8" - 14"	\$305.00
7/8/05	Ponderosa Pine	CR 14" - 22"	\$475.00
7/8/05	Ponderosa Pine	CR 22"+	\$565.00
7/8/05	Lodgepole Pine	Camprun	\$400.00



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Logging Costs Breakdown Four Corners Sale 341-06-05

Costs	White Fir	Ponderosa Pine	Lodgepole Pine
Logging	76.09	86.93	95.83
Road Maintenance	0.41	0.41	0.42
Fire Protection	0.67	0.67	0.67
Hauling	59.28	67.73	80.84
Other (P/R appl.)	6.35	6.35	6.35
Profit & Risk	17.14	19.45	22.09
Slash Disposal	0.00	0.00	0.00
Scaling	2.00	2.00	2.00
Other	0.81	0.81	0.81
Total	162.75	184.35	209.01

Amortization	0.00	0.00	0.00
Pond Value	416.57	345.02	400.00
Stumpage	253.82	160.67	190.99
Amortized	0.00	0.00	0.00



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Summary Four Corners Sale 341-06-05

Amortized

	White Fir	Ponderosa Pine	Lodgepole Pine
MBF	0.00	0.00	0.00
Value	0.00	0.00	0.00
Total	0.00	0.00	0.00

Unamortized

	White Fir	Ponderosa Pine	Lodgepole Pine
MBF	2,815.00	1,179.00	50.00
Value	253.82	160.67	190.99
Total	714,503.30	189,429.93	9,549.50

Gross Timber Sale Value

Recovery \$913,482.73

Prepared by: John Pellissier

Date: 7/8/05

District: Klamath/Lake

Phone: (541) 883-5681

Summary of Project Work



Four Corners 341-06-05

Project # 1: Road Improvement	\$ 1,621.67
Project # 2: Felling, yarding, and piling of submerchantable trees and pulp wood	\$ 16,430.00
Project # 3: Road Closures	\$ 1,100.00
Project # 4: Sporax Stump Treatment	\$ 16,008.75
	<hr/>
Total:	\$35,160.42

Four Corners

341-06-05
Other Costs



"STEWARDSHIP IN FORESTRY"

Road Maintenance

Move-in cost (grader):	\$	300.00
Number of Bladings		1
Number of Miles to be Bladed		7
Miles / Hour for equipment		0.5
Cost / Hour:	\$	95.00
Total Grading Hours:		14
Grading Cost:	\$	1,330.00
Total Cost:	\$	1,630.00
Cost / MBF	\$	0.40

Dust Abatement (Profit & Risk Included)

PP	1,179,000	BF	29%	Average Load	3200 BF	368	# of Loads
WF	2,815,000	BF	70%	Average Load	3500 BF	804	# of Loads
LP	50,000	BF	1%	Average Load	3000 BF	17	# of Loads
Total:	4,044,000	BF				Total Loads	1189

Assume:
 5 Trucks/Day
 2 Trips / Day
 10 Loads Per Day

Assume June 15 thru October 15 at
 22 hauling days / month for a

119	Hauling Days
88	Possible # of Summer Haul
3	Hours / Day
\$ 75.00	Cost / Hour
264	Total Hours
\$ 158.00	Move-In for Water Truck
\$ 19,800.00	Dust Abatement Cost
\$ 19,958.00	Total Cost
\$ 4.94	Cost / MBF

Brand and Paint (Profit and Risk Included)

119	Hauling Days
1.7	Hours/Day
\$ 20.00	Cost / Hour
\$ 4,046.00	Total Cost
\$ 1.00	Cost / MBF

3 Road Rock Replacement (No Profit and Risk)		
Rock Surfacing ~ Delivered		Rock Spreading (Grader)
1 1/2 -	Rock Size	Number of Bladings 3
0.15	Length (Miles)	Number of Miles to be Bladed 0.15
800	Length (feet)	Miles / Hour for equipment 0.25
14	Width (feet)	Cost / Hour: \$ 95.00
4	Depth (inches)	Total Grading Hours: 0.6
3,733.3	Cubic Feet	Grading Cost: \$ 57.58
138.3	Cubic Yards	
\$ 16.20	Cost / Yard	
1.3	Expansion Factor	Construct / Improve Lead Off Ditch (Grader)
179.8	Cubic Yards (Loose)	No. of Ditches 1
1.35	Tons/Cubic Yard	Hours / Ditch 0.5
242.67	Tons	Total Hours 0.5
10	No. of Belly Dump Loads	Cost / Hour \$ 95.00
\$ 12.00	Price / Ton	Total \$ 47.50
\$ 2,912.00	Total Price	
		Pull Ditches / Shape Road
		Feet / Hour 500
		Total Feet 800
		Total Hours 1.6
		Cost / Hour \$ 95.00
		Total \$ 152.00
		Water Truck to work with Grader
		Number of Hours 1.6
		Cost / Hour \$ 75.00
		Total \$ 120.00
Road Shaping & Surfacing Cost Summary		
Rock Surfacing	\$	2,912.00
Rock Spreading	\$	57.58
Ditch Construction	\$	47.50
Pull Ditches	\$	152.00
Water Truck	\$	120.00
Total Cost	\$	3,289.08

Four Corners

341-06-05 Project Work



"STEWARDSHIP IN FORESTRY"

Move-in cost Cat \$ 300.00

Project #1 Road Improvement (Grader)					
Total Feet	6000	Water Truck	Hours	2.0	
Feet / Hour	1000		Cost / Hour	\$ 75.00	
Cost / Hour	\$ 95.00		Total Cost	\$ 150.00	
Total Hours	6.0				
Total Cost	\$ 570.00				
Road Improvement (Dozer)					
Points	Distance (feet)	Feet / Hour	Hours	Cost / Hour	Cost
F to M	2,800	1500	1.9	\$ 100.00	\$ 186.67
G to H	1,200	2000	0.6	\$ 100.00	\$ 60.00
H to I	1,200	1000	1.2	\$ 100.00	\$ 120.00
H to J	1,900	2000	1.0	\$ 100.00	\$ 95.00
K to J	2,800	2000	1.4	\$ 100.00	\$ 140.00
	9,900		6.0		\$ 601.67

Total: \$ 1,621.67

Project #2 Fell, Skid, & Pile Submerchantable Material			
245.00	Total Subsawlog Volume MBF	81,000	PP Green Pulp (BF)
		7,000	LP Green Pulp (BF)
		<u>88,000</u>	BF Green Pulp
\$ 42.50	Fell & Skid / MBF		
\$ 7.50	Sort / MBF		
\$ 50.00	Total / MBF	157,000	BF Subsawlog Fixed Plot
\$ 12,250.00	Total Cost	245,000	Total Board Feet

Landing Cleanup (included with Project # 2)					
19	Number of Landings				
	Shovel Time:	1	Hours / Landing	\$ 120.00	Cost / Hour
	Cat Time:	1	Hours / Landing	\$ 100.00	Cost / Hour
					Close Road Seg \$ 2,280.00
					<u>\$ 1,900.00</u>
					Total Cost: \$ 4,180.00

Project #3 Road Closures					
Road Blocking			Close Road Segments		
5	Number of Closure Points (F,G,J,K,& M)		6	Number of Road Segments	
1	Hours / Point (include travel)		1	Hours / segment	
\$ -	Cost / Hour (Shovel)		\$ 100.00	Cost / Hour (Dozer)	
\$ 100.00	Cost / Hour (Dozer)				
	5 Total Road Blocking Hours			6 Total Hours (Closing Road Segments)	
\$ 500.00	Total Cost		\$ 600.00	Total Cost	
\$ 1,100.00			Total Road Closing Costs		

Project #4 Sporax Stump Treatment

377	Acres to be Treated
6,895	Estimated # of Stumps 12" and Greater (~ 20 WF TPA)
\$ 1.45	Price / Pound (25 lb. Bags)
14,375	Sq ft of coverage
575	Total Pounds Necessary for Treatment (~25sq ft/lb coverage)
\$ 95.00	Stump Dye (concrete dye ~ 50lbs)
	23.0 Number of Bags of Sporax
	1 Number of Boxes Dye Needed
\$ 928.75	Cost for Chemical Supplies
75	Cutting Days (Assume 5 acres per day)
10	Hours / Day
\$ 20.00	Cost / Hour
\$ 15,080.00	Cost for Manual Application
\$ 16,008.75	Total Cost for Sporax Treatment
\$ 3.96	Cost / MBF

Cost Summary

	Additional Cost
\$ 1,621.67 Project # 1 ~ Road Construction and Improvement	
\$ 16,430.00 Project # 2 ~ Fell, Skid, & Pile Submerchantable Material	\$ 1,630.00 Road Maintenance
\$ 1,100.00 Project # 3 ~ Road Closures	\$ 19,958.00 Dust Abatement
\$ 16,008.75 Project # 4 ~ Sporax, Annosus Stump Treatment	\$ 4,046.00 Brand and Paint
	\$ 3,289.08 Rock Replacement
\$ 35,160.42 Total Cost	\$ 28,923.08 Total Cost

BASAL AREA FACTOR:

Type	BAF	Type Acreage
101	14 BAF	377

Full point plots taken

1/50th acre fixed plots for submerchantable material (5.0" to 8.0" DBH)

PLOT DESIGNATION:

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

SAMPLE SIZE CALCULATIONS:

	CV %	Desired SE %	Acres
SALE AREA	85	13	377.0

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

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

$$\text{Number of Plots: } \frac{(1)^2(85)^2}{13^2} = 43 \text{ Plots}$$

Measurements and Grading:

- DBH and Height were measured on all "in" trees in the plot.
- All plots were measure plots.
- Pulp volume and sawlog volume cruised.
- See attached species and grade tables for minimum requirements.
- All trees were graded using the segment system.
- Separate fixed plot cruise for all submerchantable material (5"to 8")

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.:

8.0" D.B.H. for sawlog volume. (Must have a minimum of 20 board feet.)
5.0" D.B.H. for pulp volume.

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: John Pellissier, & Jason Pettigrew

FINAL CRUISE RESULTS:

	CV %	SE %	Acres
SALE AREA	88.1	13.4	377.0

TIMBER DESCRIPTION:

SAWLOG VOLUME:

This volume was obtained from the variable plot cruise. All material > 8.0" DBH.
All material graded camprun
See grade table for minimum standards.

Species	Average DBH	Net Volume (MBF)
Ponderosa Pine	13.1	1,179
White fir	18.6	2,815
Lodgepole pine	12.7	50.0
Total MBF		4,044

(Volumes taken from Species, Sort Grade -Board Foot Volumes Report)

GREEN PULP VOLUME:

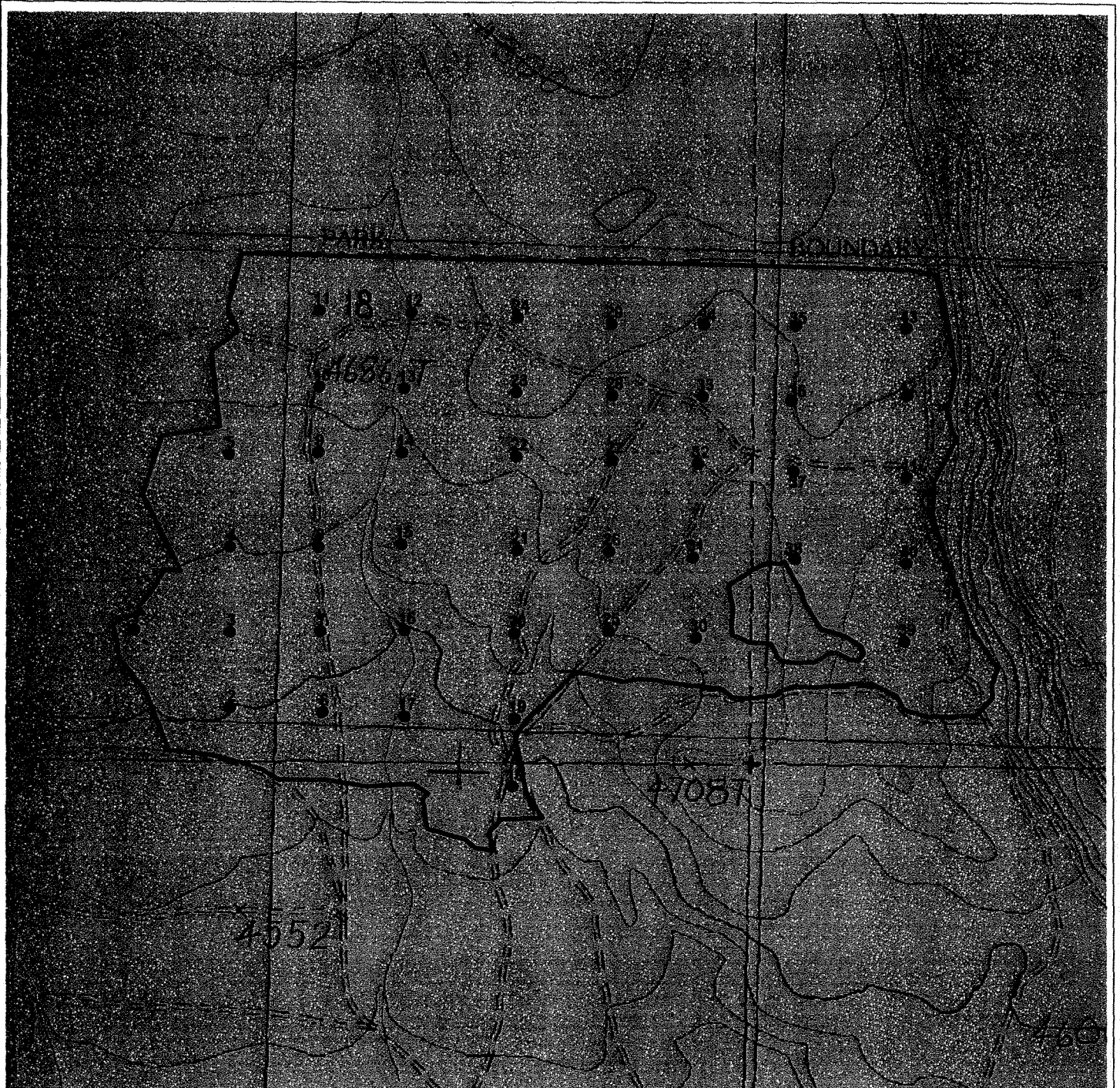
This volume was obtained from the variable plot cruise (>8" DBH) and the fixed plot cruise (5.0"-8.0"). All material graded green pulp. See grade table for minimum standards. The summary for green pulp listed below includes all types for the timber sale.

Variable Plot	Species	Green Pulp Volume (MBF)
	Ponderosa Pine	81
	Lodgepole pine	7
Total:		88 MBF

(Volumes taken from Species, Sort Grade –Board Foot Volumes Report)

Fixed Plot	Species	Green Pulp Volume (MBF)
	Ponderosa pine	109
	White fir	44
	Lodgepole pine	4
		Total: 157 MBF

Total Green Pulp Volume: 245 MBF



1000 0 1000 Feet



1 Inch = 1000 Feet

Four Corners T.S.

341-06-05

Cruise Map

T32S, R7.5E
 Sec 17&18 W.M.
 Klamath County, Or



CRUISE INFO







Plot Spacing:
 528' X 640"

CRUISER

John Pellissier
 Jason Pettigrew

PLOTS

43

- Type and Owner Boundary
-  Stand Boundary
 -  Section Lines
 -  Roads
 -  Streams
 -  Ownership Bdry
 -  Line Start Point



"STEWARDSHIP IN FORESTRY"

Cruise Date: 12/ 26-29/2004

Species Table Report

TblSpecies

Date: 6/25/2005

Table Name: SUNPASS

Page: 1

Code	Abrv	Description	Bark Ratio	ASub Const	Form Factor	Wood Type	Component	Yield Table	Min Log Dia	Min Log Len	Max Log Len	Log Trim	Max Tree Dia	Max Tree Hgt.	BdFt Rule	CuFt Rule	Weight
1	PP	PPINE	.909	PP	.85	C	C	PP-EQUA--100	3	9	20	1.0	99	200	E	1	4800
2	WF	WHITE F	.94	NF	.87	C	C	DF-EQUA--050	3	9	20	1.0	99	200	E	1	5000
3	LP	LP PINE	.96	DF	.96	C	C	LP-EQUA--100	3	9	20	1.0	99	200	E	1	4800
4	DF	DOUG-FIR	.92	DF	.87	C	C	DF-EQUA--050	3	9	20	1.0	99	200	E	1	5700
5	SP	SUG PINE	.87	PP	.84	C	C	PP-EQUA--100	3	9	20	1.0	99	200	E	1	4800
6	IC	INC CED	.90	SS	.8	C	C	DF-EQUA--050	3	9	20	1.0	99	200	E	1	4500
7	RF	SH RFIR	.924	DF	.89	C	C	DF-EQUA--050	3	9	20	1.0	99	200	E	1	5000

Sort/Grade Table

TblSortGrade

Table Name: SUNPASS

Date: 6/25/2005

Sort	Grd	Abr	Desc	Fbr	Min Dia	Max Dia	Max l Butt	Min Len	Max Len	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	1	99	0	0	M	0	0	0			0	0		0	

TC TSTATS		STATISTICS							PAGE	1
		PROJECT FOURCOR							DATE	3/28/2005
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
32S	7E	18	VARIABLE	101	377.00	43	252	1	E	
				TREES	ESTIMATED		PERCENT			
				PER PLOT	TOTAL		SAMPLE			
					TREES		TREES			
TOTAL		43	252	5.9						
CRUISE		42	252	6.0	25,215		1.0			
DBH COUNT										
REFOREST										
COUNT										
BLANKS		1								
100 %										
STAND SUMMARY										
	SAMPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
	TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
PPINE	129	44.6	13.1	30		42.0	3,369	3,342	835	835
WHITE F	118	20.5	18.6	53	7	38.4	7,545	7,467	1,374	1,374
LP PINE	5	1.8	12.7	34		1.6	154	151	34	34
TOTAL	252	66.9	15.0	37		82.0	11,068	10,959	2,243	2,243
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		
PPINE	156.0	13.7	147	170	194					
WHITE F	103.5	9.5	705	779	854					
LP PINE	111.2	55.3	70	156	242					
TOTAL	144.5	9.1	414	455	497	835	209	93		
CL: 68.1 %	COEFF			SAMPLE TREES - CF			# OF TREES REQ.		INF. POP.	
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
PPINE	119.7	10.5	34	37	41					
WHITE F	91.0	8.4	122	133	144					
LP PINE	91.6	45.6	18	32	47					
TOTAL	122.8	7.7	76	82	89	603	151	67		
CL: 68.1 %	COEFF			TREES/ACRE			# OF PLOTS REQ.		INF. POP.	
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
PPINE	123.7	18.9	36	45	53					
WHITE F	205.9	31.4	14	20	27					
LP PINE	353.5	53.9	1	2	3					
TOTAL	93.5	14.3	57	67	76	350	87	39		
CL: 68.1 %	COEFF			BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.	
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
PPINE	97.3	14.8	36	42	48					
WHITE F	136.1	20.8	30	38	46					
LP PINE	278.9	42.5	1	2	2					
TOTAL	71.2	10.9	73	82	91	203	51	23		
CL: 68.1 %	COEFF			NET BF/ACRE			# OF PLOTS REQ.		INF. POP.	
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
PPINE	107.3	16.4	2,795	3,342	3,889					
WHITE F	116.0	17.7	6,146	7,467	8,788					
LP PINE	340.3	51.9	72	151	229					
TOTAL	88.1	13.4	9,488	10,959	12,431	310	78	34		
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		
PPINE	97.6	14.9	711	835	960					
WHITE F	119.0	18.2	1,125	1,374	1,624					
LP PINE	303.8	46.3	18	34	50					

T32S R7E S18 T101		T32S R7E S18 T101
Twp Rge Sec Tract Type Acres Plots Sample Trees CuFt BdFt		
32S 7E 18 VARIABLE 101 377.00 43 252 1 E		

Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume								Average Log			Logs Per /Acre
					Def%	Gross	Net		Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf	
									6-7	8-14	15-22	23+	12-20	21-30	31-35	36-99				
PP		CR	CR	93	.9	3,155	3,127	1,179	26	52	19	3	14	16	51	18	24	81	0.83	38.4
PP		CR	GP	7		215	215	81	89	11			100				14	12	0.27	17.2
PP	Totals			30	.8	3,369	3,342	1,260	30	49	18	3	20	15	48	17	21	60	0.72	55.7
WF		CR	CU														5		0.00	.1
WF		CR	CR	100	1.0	7,545	7,467	2,815	9	32	37	21	4	7	83	6	29	215	1.35	34.7
WF	Totals			68	1.0	7,545	7,467	2,815	9	32	37	21	4	7	83	6	29	214	1.35	34.9
LP		CR	CR	88	2.2	136	133	50	7	62	31		10	47	44		24	104	0.95	1.3
LP		CR	GP	12		18	18	7	100				100				19	20	0.26	.9
LP	Totals			1	1.9	154	151	57	18	55	28		20	41	38		22	69	0.71	2.2
Type	Totals				1.0	11,068	10,959	4,132	16	38	31	15	9	10	71	9	24	118	1.01	92.7

TC TLOGSTVB

Log Stock Table - MBF

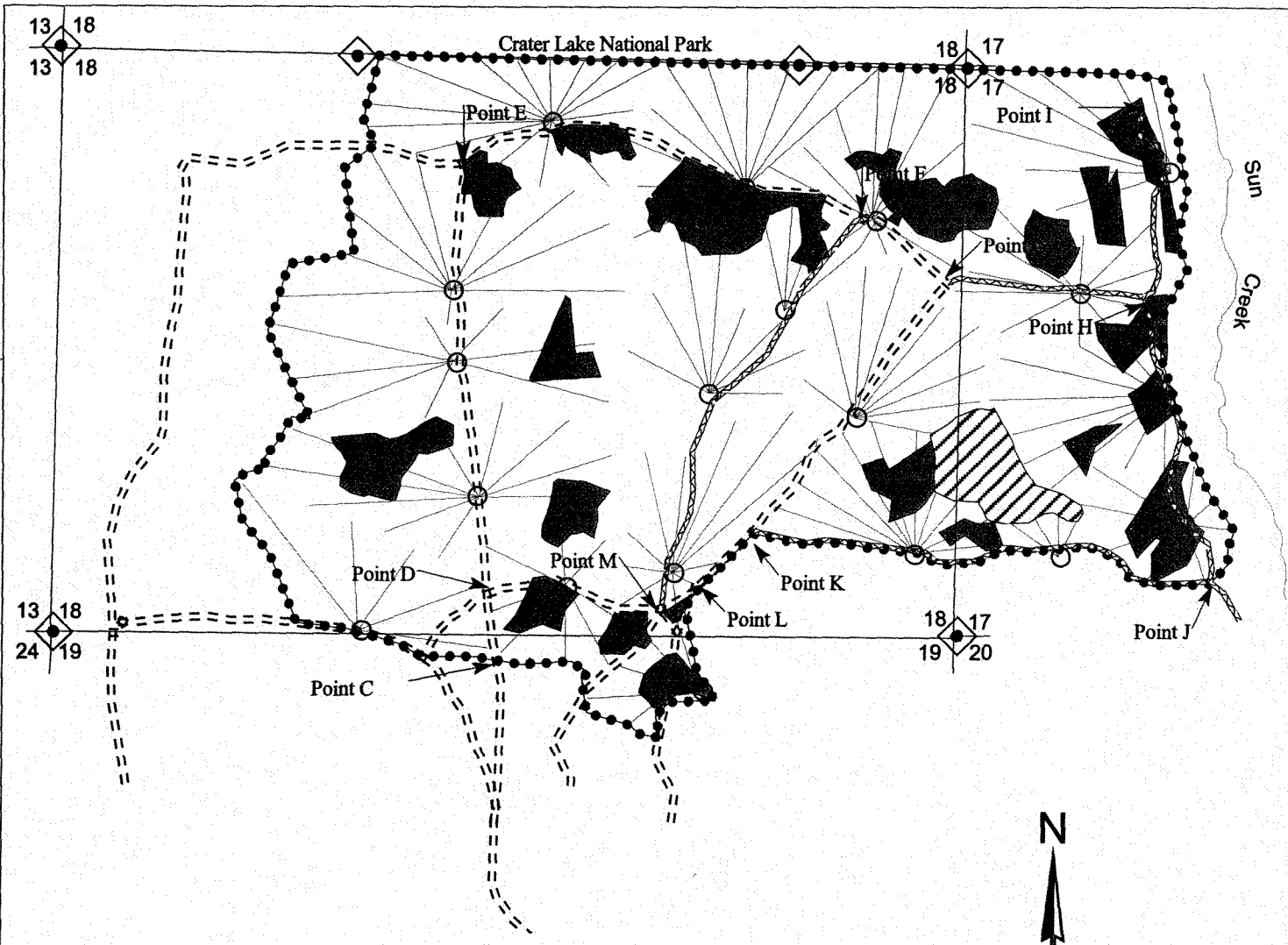
Project: FOURCOR

T32S R7E S18 T101

T32S R7E S18 T101

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	Page	2
32S	7E	18	VARIABLE	101	377.00	43	252	Date	6/25/2005
								Time	3:31:03PM

Spp	T	S	So	Gr	Log	Gross	%	Net	%	Net Volume by Scaling Diameter in Inches											
										MBF	Def	MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-14	15-16	17-19
LP					Totals	58	1.9	57	1.4		7	3	11	5	15		16				
Total All Species						4,172		4,132	100.0		3	32	619	381	429	751	369	495	431	494	128



LOGGING PLAN

OF TIMBER SALE CONTRACT NO. 341-06-05
 FOUR CORNERS
 PORTIONS OF SECTIONS 17,18,&19,T32S.,R71/2E.,W.M.
 KLAMATH COUNTY, OREGON



LEGEND

- Timber Sale Boundary (posted)
- Land Survey Monument
- Section lines
- Exclusion Area
- Type F Stream
- Unsurfaced road
- Unsurfaced road (improvement required)
- Skid trails
- Group cuts
- Landings

TOTAL SALE AREA 384.7 acres
 EXCLUSION AREA 7.5 acres

TIMBER SALE ACREAGE 377 acres

Scale
 1:12000
 1 inch = 1,000 Feet

