"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Cost Summary
Slipshod
Sale 341-06-06

District: Klamath/Lake **Date:** 7/8/05

	Conifer	Hardwood	Total
Gross Timber Sale Value	$1,472,202.19	$0.00	$1,472,202.19
		Project Work	($81,934.00)
		Advertised Value	$1,390,268.19

"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Timber Description
Slipshod
Sale 341-06-06

District: Klamath/Lake

Location: Portions of Sections 6 and 7, T33S, R7E, and portions of sections 1 and 12, T33S, R7.5E, W.M., Klamath County, Oregon.

Date: 7/8/05 **Stand Stocking:** 40%

Species	Avg. DBH	Amortized%	Recovery%
White Fir	16	0	97
Sugar Pine	16	0	97
Ponderosa Pine	13	0	97
Lodgepole Pine	11	0	95

Volume by Grade	White Fir	Sugar Pine	Ponderosa Pine	Lodgepole Pine	Total
Camprun	0	0	0	1,500	1,500
CR 6" - 8"	751	40	338	0	1,129
CR 8" - 14"	2,133	52	425	0	2,610
CR 14" - 22"	1,027	14	316	0	1,357
CR 22"+	40	0	11	0	51
Total	3,951	106	1,090	1,500	6,647

Comments: Pond Values Used: 2nd Quarter 2005.

Log Markets: Klamath Falls, Medford

Additional Costs with P & R:
Fire Protection: $1,658.00
Brand/Paint: $6,624.60
Dust Abatement: $26,558.00
TOTAL Additional Costs with P & R: $34,840.60

"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Logging Conditions
Slipshod
Sale 341-06-06

Combination#: 1

	White Fir	69.00%
	Sugar Pine	67.26%
	Ponderosa Pine	89.00%
	Lodgepole Pine	99.00%

Yarding Distance: Medium (800 ft) **Downhill Yarding** Yes
Logging System: Wheel Skidder **Process:** Feller Buncher
Tree Size: Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF
Loads/Day: 10 **Bd. Ft./Load:** 3,700
Cost/MBF: $90.65
Machines:

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

Combination#: 2

	White Fir	31.00%
	Sugar Pine	32.74%
	Ponderosa Pine	11.00%
	Lodgepole Pine	1.00%

Yarding Distance: Medium (800 ft) **Downhill Yarding** Yes
Logging System: Wheel Skidder **Process:** Manual Falling/Delimbing
Tree Size: Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF
Loads/Day: 10 **Bd. Ft./Load:** 4,500
Cost/MBF: $66.68
Machines:

Log Loader (B)
Tire Skidder

"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Logging Costs
Slipshod
Sale 341-06-06

Date: 7/8/05

Operating Seasons: 2.0 **Profit & Risk:** 12%

Project Costs: $81,934 **Other Costs (P/R):** $34,841

Slash Disposal: $0 **Other Costs:** $0

Road Maintenance: $0.19

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
White Fir	$0.00	2.0	4.0
Sugar Pine	$0.00	2.0	3.5
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	Sugar Pine	CR 6" - 8"	$305.00
7/8/05	Sugar Pine	CR 8" - 14"	$310.00
7/8/05	Sugar Pine	CR 14" - 22"	$520.00
7/8/05	Sugar Pine	CR 22"+	$545.00
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
Slipshod
Sale 341-06-06

Costs	White Fir	Sugar Pine	Ponderosa Pine	Lodgepole Pine
Logging	83.22	82.80	88.01	90.41
Road Maintenance	0.20	0.20	0.20	0.20
Fire Protection	0.82	0.82	0.82	0.82
Hauling	59.28	67.73	67.73	80.84
Other (P/R appl.)	5.24	5.24	5.24	5.24
Profit & Risk	17.85	18.81	19.44	21.30
Slash Disposal	0.00	0.00	0.00	0.00
Scaling	2.00	2.00	2.00	2.00
Other	0.00	0.00	0.00	0.00
Total	168.61	177.60	183.44	200.81

Amortization	0.00	0.00	0.00	0.00
Pond Value	413.50	335.85	356.91	400.00
Stumpage	244.89	158.25	173.47	199.19
Amortized	0.00	0.00	0.00	0.00

"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Summary Slipshod Sale 341-06-06

Amortized

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

Unamortized

	White Fir	Sugar Pine	Ponderosa Pine	Lodgepole Pine
MBF	3,951.00	106.00	1,090.00	1,500.00
Value	244.89	158.25	173.47	199.19
Total	967,560.39	16,774.50	189,082.30	298,785.00

Gross Timber Sale Value

Recovery $1,472,202.19

Prepared by: Jason Pettigrew Date: 7/8/05

District: Klamath/Lake Phone: (541) 883-5681

Summary of Project Work

"STEWARDSHIP IN FORESTRY"

Slipshod
341-06-06

Project # 1: Road Improvement ..... $ 41,259.04

New Construction	400'
Road Improvement	34,430'
Road Shaping & Surfacing	9050'

Project # 2: Felling, yarding, and piling of submerchantable trees and pulp wood ..... $ 12,750.00

Project # 3: Road Closures ..... $ 900.00

Project # 4: Sporax Stump Treatment ..... $ 27,025.00

Total: $81,934.04

Slipshod

341-06-06

Other Costs

"STEWARDSHIP IN FORESTRY"

Road Maintenance

Move-in cost (grader):	$	300.00
Number of Bladings		1
Number of Miles to be Bladed		5.3
Miles / Hour for equipment		0.5
Cost / Hour:	$	95.00
Total Grading Hours:		10.6
Grading Cost:	$	1,007.00
Total Cost:	**$**	**1,307.00**
Cost / MBF	$	0.20

Dust Abatement (Profit & Risk Included)

PP & SP	1,197,000	BF	18%	Average Load	3500	BF	342	# of Loads
WF	3,950,000	BF	59%	Average Load	4000	BF	988	# of Loads
LP	1,500,000	BF	23%	Average Load	3000	BF	500	# of Loads
Total:	6,647,000	BF				Total Loads	1830	

Assume:	6	Trucks/Day
	2	Trips / Day
	10	Loads Per Day

Assume June 15 thru October 15 at 22 hauling days / month for a summer haul period.

183	Hauling Days
88	Possible # of Summer Haul
4	Hours / Day
$ 75.00	Cost / Hour
352	Total Hours
$ 158.00	Move-In for Water Truck
$ 26,400.00	Dust Abatement Cost
$ 26,558.00	**Total Cost**
$ 4.00	**Cost / MBF**

Brand & Paint (Profit and Risk Included)

183	Hauling Days
1.81	Hours / Day
$ 20.00	Cost / Hour
$ 6,624.60	**Total Cost**
$ 1.00	**Cost / MBF**

$ 1,307.00 **Total Cost for Road Maintenance ($.20/ MBF).**

$ 33,182.60 **Total Cost for Dust Abatement & Branding with P & R included.**

Slipshod
341-06-06
Project Work

"STEWARDSHIP IN FORESTRY"

Project 1 ~ 20 Road Shaping & Surfacing

Rock Surfacing ~ Delivered

1 1/2" Minus	Rock Size
1.71	Length (Miles)
9050	Length (feet)
14	Width (feet)
4	Depth (inches)
42,233.3	Cubic Feet
1,564.2	Cubic Yards
$ 16.20	Cost / Yard
1.3	Expansion Factor
2033.5	Cubic Yards (Loose)
1.35	Tons/Cubic Yard
2745.17	Tons
114	No. of Belly Dump Loads
$ 12.00	Price / Ton
$ 32,942.00	**Total Price**

Rock Spreading (Grader)

Number of Bladings	3
Number of Miles to be Bladed	1.7
Miles / Hour for equipment	0.25
Cost / Hour:	$ 95.00
Total Grading Hours:	20.57
Grading Cost:	**$ 1,953.98**

Construct / Improve Lead Off Ditch (Grader)

No. of Ditches	3
Hours / Ditch	0.5
Total Hours	1.5
Cost / Hour	$ 95.00
Total	**$ 142.50**

Pull Ditches / Shape Road

Feet / Hour	500
Total Feet	9050
Total Hours	18.1
Cost / Hour	$ 95.00
Total	**$ 1,719.50**

Water Truck to work with Grader

Number of Hours	15.0
Cost / Hour	$ 75.00
Total	**$ 1,125.00**

Road Shaping & Surfacing Cost Summary

Rock Surfacing	$	32,942.00
Rock Spreading	$	1,953.98
Ditch Construction	$	142.50
Pull Ditches	$	1,719.50
Water Truck	$	1,125.00
Total Cost	**$**	**37,882.98**

Slipshod

341-06-06

Project # 1 (Continued) Road Improvement Summary

Move-in cost Dozer $ 370.00

"STEWARDSHIP IN FORESTRY"

New Construction

	Points	Distance (feet)	Feet / Hour	Hours	Cost/Hour (Cat)	Total Cost
Outslope	E to F	400	200	2	$ 100.00	$ 200.00
						$ 200.00

Dozer

Road Improvement

	Points	Distance (feet)	Feet / Hour	Hours	Cost / Hour	Cost
Shape to Drain	I to J	3000	2000	1.5	$ 100.00	$ 150.00
Shape to Drain	K to L	3700	2000	1.9	$ 100.00	$ 185.00
Shape to Drain	M to N	7300	1500	4.9	$ 100.00	$ 486.67
Shape to Drain	O to N	600	1500	0.4	$ 100.00	$ 40.00
Shape to Drain	S to R	6500	2000	3.3	$ 100.00	$ 325.00
Shape to Drain	U to T	3300	1500	2.2	$ 100.00	$ 220.00
Shape to Drain	U to V	2300	1000	2.3	$ 100.00	$ 230.00
Shape to Drain	U to W	430	1000	0.4	$ 100.00	$ 43.00
Shape to Drain	X to V	3500	1000	3.5	$ 100.00	$ 350.00
Shape to Drain	Y to Q	3800	1000	3.8	$ 100.00	$ 380.00
		34,430		24.1	**Total:**	**$ 2,409.67**

Rock Removal @ Point Z

Point Z	Rental for Backhoe w/Trailer:	$	235.20
	Rock Hammer Rental:	$	291.20
		$	**526.40**
	Fuel	$	40.00
Labor ($20.00/ hour) for 8 hours includes hauling time		$	200.00
	Total:	**$**	**766.40**

Quote from Bullet Rentals
Klamath Falls, OR.
6/24/05
(Includes 12% Damage Fee)

Slipshod

Project Work Continued

Project #2 Fell, Skid, & Pile Submerchantable Material

178.00	Total Subsawlog Volume MBF		75,000	PP Green Pulp (BF)
			3,000	LP Green Pulp (BF)
$ 42.50	Fell & Skid / MBF		10,000	WF Green Pulp
$ 7.50	Sort / MBF		88,000	BF Green Pulp (Variable Plot)
$ 50.00	Total / MBF		90,000	BF Subsawlog (Fixed Plot)
$ 8,900.0	**Total Cost**		**178,000**	**Total Board Feet**

Landing Cleanup (included with Project # 2)

35	Number of Landings				
Shovel Time:	0.5	Hours / Landing	$ 120.00	Cost / Hour	$ 2,100.00
Cat Time:	0.5	Hours / Landing	$ 100.00	Cost / Hour	$ 1,750.00
				Total Cost:	**$ 3,850.00**

Project #3 Road Closures

9	Number of Closure Points (E,I,K,M,S,R,P,Y & W)
1	Hours / Point (include travel)
$ 100.00	Cost / Hour (Cat)
9	Total Road Blocking Hours
$ 900.00	**Total Cost**

Project #4 Sporax Stump Treatment

Chemical Costs

637	Acres to be Treated
39	Basal Area / Acre of WF > 10" DBH
$ 1.45	Price / Pound
25	Basal Area / Acre Treated Per Pound
1.54	Total Pounds / Acre Necessary for Treatment
$ 95.00	Stump Dye Price (Concrete Dye ~ 50 lbs)
39.3	Number of Bags of Sporax (25 lb. Bags)
$ 1,545.00	**Cost for Chemical Supplies**

Application Labor

127	Cutting Days (Assume 5 acres per day)
10	Hours / Day
$ 20.00	Cost / Hour
$ 25,480.00	**Cost for Manual Application**
$ 27,025.00	**Total Cost for Sporax Treatment**
$ 4.07	**Cost / MBF**

Cost Summary

$ 41,259.04	Project # 1 ~ Road Construction and Improvement	**Other Costs**	
$ 12,750.00	Project # 2 ~ Fell, Skid, & Pile Submerch. Material	$ 1,307.00	Road Maintenance
$ 900.00	Project #3 ~ Road Closures	$ 26,558.00	Dust Abatement
$ 27,025.00	Project #4 ~ Sporax Stump Treatment	$ 6,624.60	Branding
$ 81,934.04	**Total Cost**	**$ 34,489.60**	**Total Cost**

Slipshod
Cruise Report

"STEWARDSHIP IN FORESTRY"

SALE NAME: Slipshod

LEGAL DESCRIPTION: Portions of Sections 6 & 7 of T 33S, R7E and of Sections 1 & 12 of 33S, R7.5E, W.M.

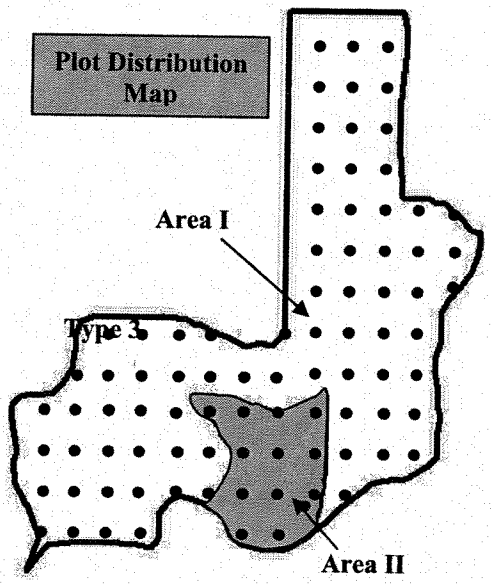
BOUNDARY LINES & SALE POSTINGS:

Unit boundaries are posted with "Timber Sale Boundary" signs, marked with fluorescent orange paint and orange flagging. Area II is posted with "Area Boundary" signs, marked with fluorescent orange paint, and orange flagging between Areas I and II. Required road improvement is flagged with pink and blue and marked with blue paint on cut trees. Project points are posted in the field as marked on the Exhibit A.

FUND: 100% B.O.F.

ACREAGE: The timber sale was delineated into two harvest units based upon harvest prescription.

	Acres
Area I:	559
Area II:	78
Approximate Sale Acreage:	**637 acres**



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

TREATMENT:

Area I is a single tree selection cut with cut trees marked in blue paint.
Area II is a single tree selection cut with leave trees marked with orange paint.
Both areas utilize group selection, seed tree harvest, and shelterwood to accomplish silvicultural objectives.
Wildlife trees are designated with an orange "W".

CRUISE METHOD:

Variable plot cruise with all plots being measure plots and 1/50th acre fixed plot cruise for all submerchantable material (5.0"to 8.0"), with all plots being measure plots.

BASAL AREA FACTOR:

Type	BAF	Type Acreage
Areas I & II	14 BAF	637 acres

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:

Areas I & II	CV %	Desired SE %	Acres
Area I	113	12	637

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

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

Areas I & II Number of Plots: $\frac{(1)^2(113)^2}{12^2}$ = 88 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 office on Atterbury's Super Ace program.

CRUISERS: John Pellissier and Jason Pettigrew

FINAL CRUISE RESULTS:

Total Sale Area			
	CV%	SE%	Acres
Areas I & II	79.7	8.5	637

TIMBER DESCRIPTION

	Species	Average DBH	Net Volume (MBF)
Areas I & II Variable Plot	White Fir	16.1	3,951
	Sugar Pine	16.2	106
	Ponderosa Pine	12.8	1,090
	Lodgepole Pine	11.2	1,500
		Total MBF	6,647

(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.

	Species	Green Pulp Volume (MBF)
Areas I & II Fixed	White Fir	6
	Ponderosa Pine	36
	Lodgepole Pine	48
		Total: 90 MBF

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

	Species	Green Pulp Volume (MBF)
Areas I & II Variable	White Fir	10
	Ponderosa Pine	75
	Lodgepole Pine	3
		Total: 88 MBF

Total Green Pulp Volume: 178 MBF

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

TC PSTATS

PROJECT STATISTICS

PROJECT SLIPSHOD

DATE 6/25/2005

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
32	75	1	VARIABLE	3	637.00	88	590	1	E
32	75	12	VARIABLE	2					
32S	75	1	VARIABLE	1					

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	88	590	6.7		
CRUISE	87	590	6.8	60,274	1.0
DBH COUNT					
REFOREST COUNT					
BLANKS	1				
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
WHITE F	252	28.3	16.1	52	7	40.0	6,324	6,217	1,301	1,301
PPINE	169	26.0	12.8	31		23.2	1,863	1,831	446	446
LP PINE	151	38.5	11.2	35		26.5	2,402	2,360	596	596
SUG PINE	18	1.8	16.2	36		2.6	169	166	48	48
TOTAL	*590*	*94.6*	*13.4*	*39*		*92.3*	*10,758*	*10,574*	*2,391*	*2,391*

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
WHITE F	89.9	5.7	333	353	373			
PPINE	163.1	12.5	123	140	158			
LP PINE	74.3	6.0	70	74	79			
SUG PINE	136.7	33.1	88	131	175			
TOTAL	*127.6*	*5.2*	*203*	*214*	*225*	*650*	*163*	*72*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	SAMPLE TREES - CF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
WHITE F	75.9	4.8	67	71	74			
PPINE	127.8	9.8	28	31	34			
LP PINE	60.3	4.9	18	19	20			
SUG PINE	105.3	25.5	27	36	45			
TOTAL	*105.9*	*4.4*	*43*	*45*	*47*	*448*	*112*	*50*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
WHITE F	131.3	14.0	24	28	32			
PPINE	124.4	13.2	23	26	29			
LP PINE	153.4	16.3	32	38	45			
SUG PINE	303.2	32.3	1	2	2			
TOTAL	*62.0*	*6.6*	*88*	*95*	*101*	*153*	*38*	*17*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
WHITE F	117.3	12.5	35	40	45			
PPINE	107.8	11.5	21	23	26			
LP PINE	146.6	15.6	22	26	31			
SUG PINE	288.9	30.8	2	3	3			
TOTAL	*58.2*	*6.2*	*87*	*92*	*98*	*135*	*34*	*15*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	NET BF/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
WHITE F	129.5	13.8	5,360	6,217	7,075			
PPINE	140.3	14.9	1,557	1,831	2,105			
LP PINE	158.0	16.8	1,963	2,360	2,757			
SUG PINE	338.7	36.1	106	166	225			
TOTAL	*79.7*	*8.5*	*9,677*	*10,574*	*11,471*	*253*	*63*	*28*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	NET CUFT FT/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
WHITE F	124.4	13.2	1,128	1,301	1,473			
PPINE	122.7	13.1	388	446	505			
LP PINE	150.4	16.0	501	596	692			
SUG PINE	312.3	33.3	32	48	63			
TOTAL	*71.8*	*7.6*	*2,208*	*2,391*	*2,574*	*206*	*51*	*23*

TC PLOGSTVB

Log Stock Table - MBF

T32 R75 S1 Ty3	367.00
T32 R75 S12 Ty2	78.00
T32S R75 S1 Ty1	192.00

Project: SLIPSHOD
Acres 637.00

Page 1
Date 6/25/2005
Time 3:12:36PM

Spp	S T	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-3	4-5	6-8	8-14	14-22	22-99	0-0	0-0	0-0	0-0	0-0	0+
WF		CR	CR	12	7		7	.2				7								7
WF		CR	CR	13	30		30	.7			25	1	4							30
WF		CR	CR	17	112		111	2.8			89	18	4							111
WF		CR	CR	23	117	2.7	114	2.9			76	19	19							114
WF		CR	CR	27	253		251	6.3			123	81	47							251
WF		CR	CR	30	11		11	.3					11							11
WF		CR	CR	32	14		14	.3				14								14
WF		CR	CR	34	3,087	1.8	3,031	76.5			218	1344	1362							3031
WF		CR	CR	35	15		15	.4			2		13							15
WF		CR	CR	40	372	1.6	366	9.2			199	167								366
WF		CR	GP	10	3		3	.1		3										3
WF		CR	GP	11	3		3	.1			3									3
WF		CR	GP	12	2		2	.0		2										2
WF		CR	GP	14	3		3	.1			3									3
WF		Totals			4,029	1.7	3,961	58.8		4	737	1652	1460							3961
PP		CR	CR	10	9	9.4	8	.7			1	5	3							8
PP		CR	CR	12	14	12.6	12	1.0				2	10							12
PP		CR	CR	13	82		82	7.1			60	22								82
PP		CR	CR	14	4		4	.3				4								4
PP		CR	CR	16	17		17	1.5				6								17
PP		CR	CR	17	133		133	11.4			55	63	15							133
PP		CR	CR	18	4		4	.3				4								4
PP		CR	CR	20	5		5	.4				5								5
PP		CR	CR	23	68	4.6	64	5.5			30	26	8							64
PP		CR	CR	27	141		141	12.1			67	42	32							141
PP		CR	CR	28	7		7	.6			7									7
PP		CR	CR	32	255	2.8	248	21.3			8	21	168							248
PP		CR	CR	34	264	2.3	258	22.1			65	134	59							258
PP		CR	CR	37	18		18	1.5			8	10								18
PP		CR	CR	40	91	1.3	90	7.7			41	49								90
PP		CR	GP	11	2		2	.2		2										2
PP		CR	GP	12	10		10	.8		3	7									10
PP		CR	GP	14	14		14	1.2	3	1	10									14
PP		CR	GP	15	13		13	1.1		13										13
PP		CR	GP	16	13		13	1.2	2	6	6									13
PP		CR	GP	17	5		5	.4		5										5
PP		CR	GP	18	9		9	.8	3	2	4									9

TC PLOGSTVB

Log Stock Table - MBF

T32 R75 S1 Ty3	367.00
T32 R75 S12 Ty2	78.00
T32S R75 S1 Ty1	192.00

Project: SLIPSHOD
Acres 637.00

Date 6/25/2005
Time 3:12:36PM

Spp	S T	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-3	4-5	6-8	8-14	14-22	22-99	0-0	0-0	0-0	0-0	0-0	0+
PP		CR	GP	19	3		3	.3		3										3
PP		CR	GP	21	1		1	.1	1											1
PP		CR	GP	34	3		3	.2	3											3
PP		CR	GP	35	2		2	.2			2									2
PP		Totals			1,186	1.7	1,166	17.3	11	34	371	393	294							1166
SP		CR	CR	12	0		0	.2			0									0
SP		CR	CR	13	4		4	3.4			4									4
SP		CR	CR	16	4		4	3.9			4									4
SP		CR	CR	17	4		4	4.2			3	1								4
SP		CR	CR	24	1		1	1.2			1									1
SP		CR	CR	27	6		6	5.5			6									6
SP		CR	CR	30	3		3	3.0			3									3
SP		CR	CR	32	26	3.7	25	23.5			7	4	14							25
SP		CR	CR	34	46	1.2	46	43.4				38	7							46
SP		CR	CR	37	4		4	3.7			4									4
SP		CR	CR	38	6	12.5	5	4.9			5									5
SP		CR	CR	40	3		3	3.0			3									3
SP		Totals			108	2.1	106	1.6			40	44	21							106
LP		CR	CR	12	28		28	1.9			10	19								28
LP		CR	CR	13	72		72	4.8			61	11								72
LP		CR	CR	14	5		5	.4				5								5
LP		CR	CR	16	6		6	.4			6									6
LP		CR	CR	17	139		139	9.3			113	26								139
LP		CR	CR	18	8		8	.6				8								8
LP		CR	CR	23	79		79	5.3			34	45								79
LP		CR	CR	27	325		324	21.6			150	159	16							324
LP		CR	CR	32	62	12.5	54	3.6			8	46								54
LP		CR	CR	34	494	1.2	488	32.5			200	269	19							488
LP		CR	CR	37	63	5.9	59	3.9			49	10								59
LP		CR	CR	40	244	3.4	236	15.7			209	27								236
LP		CR	GP	11	3		3	.2			3									3
LP		Totals			1,530	1.8	1,503	22.3			843	625	35							1503
Total		All Species			6,853	1.7	6,736	100.0	11	39	1992	2713	1811							6736

TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

T32 R75 S1 Ty3	367.00
T32 R75 S12 Ty2	78.00
T32S R75 S1 Ty1	192.00

Project: SLIPSHOD

Acres 637.00

Page 1
Date 6/25/2005
Time 3:19:34PM

Spp	S	So	Gr	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 6-7	8-14	15-22	23+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Bd Ft	CF/ Lf	Logs Per /Acre
WF	T	rt	ad																	
WF		CR	CR	99	1.7	6,308	6,201	3,950	19	54	26	2	4	10	77	9	30	134	0.94	46.3
WF		CR	GP	1		16	16	10	100				100				11	12	0.28	1.4
WF Totals				59	1.7	6,324	6,217	3,961	19	53	26	2	4	10	77	9	29	130	0.94	47.7
PP		CR	CU														5		0.00	.1
PP		CR	CR	93	1.8	1,745	1,713	1,091	31	39	29	1	24	19	46	10	22	70	0.75	24.6
PP		CR	GP	7		118	118	75	100				92	2	6		16	15	0.26	8.1
PP Totals				17	1.7	1,863	1,831	1,166	36	36	27	1	29	18	44	9	21	56	0.66	32.8
SP		CR	CU														4		0.00	.0
SP		CR	CR	100	2.1	169	166	106	38	48	13		12	10	67	12	26	77	0.84	2.2
SP Totals				2	2.1	169	166	106	38	48	13		12	10	67	12	26	75	0.84	2.2
LP		CR	CU														3		0.00	1.0
LP		CR	CR	99	1.8	2,398	2,355	1,500	56	42	2		17	27	36	20	26	53	0.52	44.4
LP		CR	GP	1		5	5	3	100				100				11	5	0.24	.9
LP Totals				22	1.8	2,402	2,360	1,503	56	42	2		17	27	36	20	25	51	0.52	46.3
Totals					1.7	10,758	10,574	6,736	30	48	21	1	11	15	62	12	25	82	0.73	129.0

TblSortGrade

Sort/Grade Table

Table Name: SUNPASS

Date: 5/7/2005

Sort	Grd	Abr	Desc	Fbr	Min Dia	Max Dia	Max 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	

Species Table Report

TblSpecies

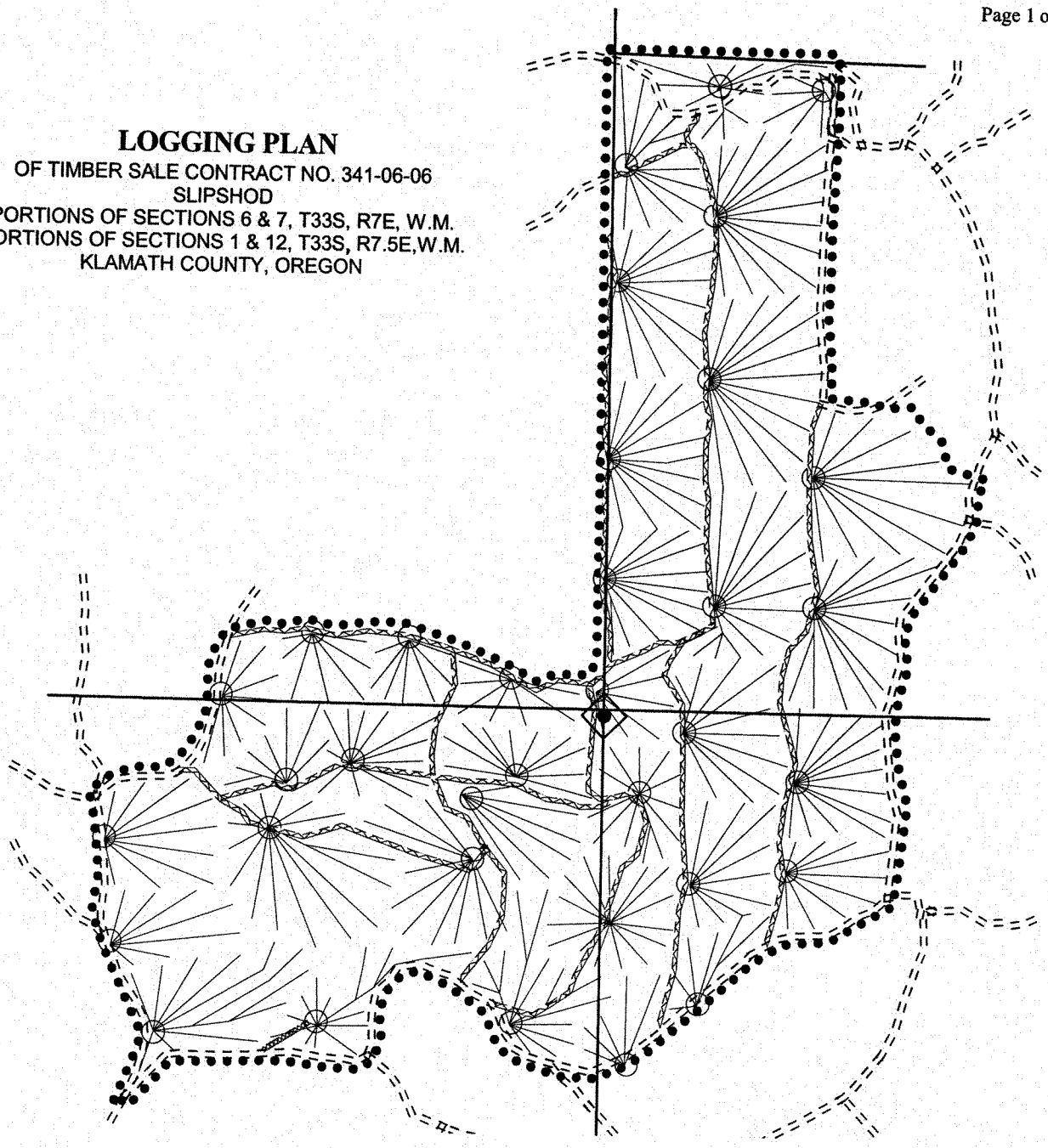
Table Name: SUNPASS

Date: 5/7/2005
Page: 1

Code	Abrv	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.	BdFt Rule	CuFt Rule	Weight
1	PP	PPINE	.909	PP	.85	C	C	PP--EOUA--100	3	9	20	1.0	99	200	E	1	4800 C
2	WF	WHITE F	.94	NF	.87	C	C	DF--EOUA--050	3	9	20	1.0	99	200	E	1	5000 C
3	LP	LP PINE	.96	DF	.96	C	C	LP--EOUA--100	3	9	20	1.0	99	200	E	1	4800 C
4	DF	DOUG-FIR	.92	DF	.87	C	C	DF--EOUA--050	3	9	20	1.0	99	200	E	1	5700 C
5	SP	SUG PINE	.87	PP	.84	C	C	PP--EOUA--100	3	9	20	1.0	99	200	E	1	4800 C
6	IC	INC CED	.90	SS	.8	C	C	DF--EOUA--050	3	9	20	1.0	99	200	E	1	4500 C
7	RF	SH RFIR	.924	DF	.89	C	C	DF--EOUA--050	3	9	20	1.0	99	200	E	1	5000 C

LOGGING PLAN

OF TIMBER SALE CONTRACT NO. 341-06-06
SLIPSHOD
PORTIONS OF SECTIONS 6 & 7, T33S, R7E, W.M.
PORTIONS OF SECTIONS 1 & 12, T33S, R7.5E,W.M.
KLAMATH COUNTY, OREGON



1320 0 1320 2640 Feet

N

LEGEND

- Timber Sale Boundary
- Section Line
- Unsurfaced Road (Improvement Required)
- Unsurfaced Road (Construction Required)
- Unsurfaced Road
- Skid Trails
- Landing
- Known Survey Corner

Scale
1:15,840
1 inch = 1320 feet

Area I: 559 acres
Area II: 78 acres
TOTAL SALE ACREAGE: 637 acres