



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Slaphappy
Sale KL-341-2026-W01013-02

District: Walker Range

Date: June 05, 2025

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$136,807.46	\$0.00	\$136,807.46
		Project Work:	(\$17,744.30)
		Advertised Value:	\$119,063.16



Timber Sale Appraisal Slaphappy Sale KL-341-2026-W01013-02

District: Walker Range

Date: June 05, 2025

Timber Description

Location:

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
White Fir	18	0	98
Sugar Pine	33	0	98
Ponderosa Pine	18	0	98
Lodgepole Pine	15	0	95

Volume by Grade	2S	3S & 4S 6"-11"	12"-15"	16"+	6" - 11"	Camprun	Total
White Fir	663	248	0	0	0	0	911
Sugar Pine	0	0	19	53	0	0	72
Ponderosa Pine	0	0	294	133	452	0	879
Lodgepole Pine	0	0	0	0	0	46	46
Total	663	248	313	186	452	46	1,908

Comments: Pond Values Used: Local Pond Values, May 2025
Pulp Price: \$0.25 per ton

Log Markets: Klamath Falls and Medford.

Other Costs (no Profit & Risk): None

Other Costs (with Profit & Risk to be added): None

ROAD MAINTENANCE

Move-in: \$400.00

General Road Maintenance: 4.5 miles x \$270 per mile x 1 bladings = \$1,215.00

Total Road Maintenance: \$1,615.00, \$0.85 per Mbf



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Logging Conditions

Combination#: 1

White Fir	45.00%
Ponderosa Pine	47.00%
Lodgepole Pine	100.00%

Logging System: Wheel Skidder **Process:** Feller Buncher

yarding distance: Medium (800 ft) **downhill yarding:** Yes

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

loads / day: 13 **bd. ft / load:** 4050

cost / mbf: \$189.94

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

Combination#: 2

White Fir	55.00%
Sugar Pine	100.00%
Ponderosa Pine	53.00%

Logging System: Track Skidder **Process:** Manual Falling/Delimbing

yarding distance: Medium (800 ft) **downhill yarding:** Yes

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

loads / day: 11 **bd. ft / load:** 4600

cost / mbf: \$197.64

machines: Log Loader (B)
Track Skidder



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Logging Costs

Operating Seasons: 1.00	Profit Risk: 10%
Project Costs: \$17,744.30	Other Costs (P/R): \$0.00
Slash Disposal: \$0.00	Other Costs: \$0.00

Miles of Road

Road Maintenance: \$0.85

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	4.0	4.2
Sugar Pine	\$0.00	4.0	4.2
Ponderosa Pine	\$0.00	4.0	4.2
Lodgepole Pine	\$0.00	4.0	4.0



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Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
White Fir									
\$194.18	\$0.87	\$2.30	\$75.89	\$0.00	\$27.32	\$0.00	\$2.00	\$0.00	\$302.56
Sugar Pine									
\$197.64	\$0.87	\$2.30	\$75.89	\$0.00	\$27.67	\$0.00	\$2.00	\$0.00	\$306.37
Ponderosa Pine									
\$194.02	\$0.87	\$2.30	\$75.89	\$0.00	\$27.31	\$0.00	\$2.00	\$0.00	\$302.39
Lodgepole Pine									
\$189.94	\$0.89	\$2.30	\$82.03	\$0.00	\$27.52	\$0.00	\$2.00	\$0.00	\$304.68

Specie	Amortization	Pond Value	Stumpage	Amortized
White Fir	\$0.00	\$435.01	\$132.45	\$0.00
Sugar Pine	\$0.00	\$344.72	\$38.35	\$0.00
Ponderosa Pine	\$0.00	\$317.60	\$15.21	\$0.00
Lodgepole Pine	\$0.00	\$305.00	\$0.32	\$0.00



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Summary

Amortized

Specie	MBF	Value	Total
White Fir	0	\$0.00	\$0.00
Sugar Pine	0	\$0.00	\$0.00
Ponderosa Pine	0	\$0.00	\$0.00
Lodgepole Pine	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
White Fir	911	\$132.45	\$120,661.95
Sugar Pine	72	\$38.35	\$2,761.20
Ponderosa Pine	879	\$15.21	\$13,369.59
Lodgepole Pine	46	\$0.32	\$14.72

Gross Timber Sale Value

Recovery: \$136,807.46

Prepared By: Chris Weekly

Phone: 541-883-5681

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Other Costs

Road Maintenance

Move-in cost (grader):	\$400.00	Timber Sale Volume:	1,908 Mb
Number of Miles to be Bladed:	4.5		
Number of Bladings:	1		
Total Miles:	4.5		
Miles/Hour for Equipment:	0.5		
Cost/Hour (grader with operator):	\$135.00		
Total Grading Hours:	9		
Grading Cost:	\$1,215.00		
Total Cost:	\$1,615.00		
Cost/Mb:	\$0.85		

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Project Costs

Project #1 Road Improvement

Move in Cost Cat: **\$500**

	Points	Distance(ft)	Feet/Hour	Hours	Cost/Hour	Cost
Open/Clear/Shape	A to B	4,081	1000	4.08	\$150.00	\$612.15
Open/Clear/Shape	C to D	7,754	1000	7.75	\$150.00	\$1,163.10
Open/Clear/Shape	E to F	544	1000	0.54	\$150.00	\$81.60
Open/Clear/Shape	G to H	3,940	1000	3.94	\$150.00	\$591.00
Open/Clear/Shape	I to J	2,392	1000	2.39	\$150.00	\$358.80
Open/Clear/Shape	K to L	3,790	1000	3.79	\$150.00	\$568.50
Open/Clear/Shape	M to N	3,723	1000	3.72	\$150.00	\$558.45
Open/Clear/Shape	O to P	3,138	1000	3.14	\$150.00	\$470.70
	Total	29,362		29.36		\$4,404.30

Move In Costs	\$500.00
Maintenance Cost	\$4,404.30
Project # 1 Total	\$4,904.30
per Mbf	\$2.57

Project #1 Summary

Road Maintenance	\$4,904.30
Total	\$4,904.30
per Mbf	\$2.57

Project #2 Fell, Skid, Deck Submerchantable Material

Total Sub-Sawlog Volume: 12 Mbf

Fell and Skid/MBF:	\$80.00
Sort/MBF:	\$40.00
Total	\$1,440.00
per MBF	\$0.75

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Project Costs

Landing Slash Piling

Number of Landings: 34

Shovel Time: 1 Hour per Landing	Cost per Hour: \$150.00	Total Cost	\$5,100.00
Cat Time: 1 Hour per Landing	Cost per Hour: \$150.00	Total Cost	\$5,100.00
Total		\$10,200.00	
per Mbf		\$5.35	

Project #2 Summary

Fell, Skid, Deck Submerch.	\$1,440.00
Slash Piling	\$10,200.00
Total	\$11,640.00
per Mbf	\$6.10

Project #3 Road Closures

Road Closures

8	Number of	A, C, D, F, G, J, K and M
\$150.00	Cost per Hour (Cat)	
\$1,200.00	Total	
\$0.63	per Mbf	

Cost Summary All Projects

Project No.1 - Road Inprovment	\$4,904.30
Project No.2 - Fell, Skid, Deck Submerchantable Material	\$11,640.00
Project No.3 - Road Closure	\$1,200.00
Total Cost	\$17,744.30
per Mbf	\$9.30

Slaphappy
KL-341-2026-W01013-02
Cruise Report



SALE NAME: Slaphappy

LEGAL DESCRIPTION:

Located in Section(s) 6,7 of T33S, R7E, Section(s) 1, 12 of T33S, R7 ½E, and Section(s) 31 of T32S, R7E, Willamette Meridian, Klamath County, Oregon

BOUNDARY LINES:

Unit boundaries are unmarked.

ACREAGE:

Gross Sale Acreage:	647 Acres
Exclusion Acreage:	0 Acres
Net Sale Acreage:	647 Acres

Mapping was accomplished using Avenza pdf Maps with the data processed through ArcGIS.

TREATMENT:

The Timber Sale is a single tree selection partial cut harvest. Cut trees are marked with a blue band at breast height.

CRUISE METHOD:

Variable plot cruise with a ratio of one count plot for every measure plot.

BASAL AREA FACTOR:

A basal area factor of 10 was used for all variable cruise plots.

PLOT DESIGNATION:

Plot centers were established at every plot with blue flag wire stakes with the corresponding plot number. Blue flagging was attached to the nearest available tree branch.

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:

9.0" 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 DBH.

VOLUME COMPUTATION:

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

FINAL CRUISE RESULTS:

CV%	SE%	ACRES
70.2	10.8	647

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	Acres	Gross Vol/Acre (bf)	Net Vol/Acre (bf)	Net Sale Vol (Mbf)
Ponderosa pine	18.0	647	1,381	1,359	879
Sugar pine	32.6	647	111	111	72
White fir	18.4	647	1,413	1,408	911
Lodgepole pine	14.8	647	71	71	46
		Total	2,976	2,949	1,908

TOTAL NET SAWLOG VOLUME: 1,908 MBF

GREEN PULP VOLUME:

This volume was obtained from the variable plot cruise and a nested fixed plot cruise. All material was graded green pulp, there were no trees in the fixed plot.

TOTAL GREEN PULP VOLUME: 12 Mbf

LOGGING PLAN

Of Timber Sale Contract
KL-341-2026-W01013-02
Slaphappy
Section(s) 6,7 of T33S, R7E,
and Section(s) 1, 12 of T33S,
R7 ½E, Willamette
Meridian, Klamath County
Oregon

Net Acres: 647

- Slaphappy Timber Sale
- vvv Road Improvement
- ⊙ Landing
- Skid Trails
- == All weather
- - - Dirt
- == Mainline Rd
- - - Blocked

