



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Cobb Huckleberry - GNA
Sale KL-341-2020-GF8719-01

District: Klamath/Lake

Date: February 06, 2020

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$45,402.02	\$0.00	\$45,402.02
		Project Work:	(\$2,157.97)
		Advertised Value:	\$43,244.05



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Timber Description

Location: Located in portions of section 25, Township 1 South, Range 8.5 East, Willamette Meridian, Hood River County, Oregon

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Western Hemlock / Fir	17	0	90

Volume by Grade	Camprun	Total
Western Hemlock / Fir	326	326
Total	326	326

Comments: Pond Values Used: Local Pond Values, December 2019.

Log Markets: Hood River

Other Costs (no Profit & Risk): None

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

ROAD MAINTENANCE

Move-in: \$400.00

General Road Maintenance: 6 miles x \$211.00 per mile x 1 bladings = \$1,266.00

Total Road Maintenance: \$1,666.00, \$5.11 per Mbf



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Logging Conditions

Combination#: 1 Western Hemlock / Fir 85.00%

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

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

tree size: Small / Thinning 10in (90 Bft/tree), 18-20 logs/MBF

loads / day: 10 **bd. ft / load:** 4000

cost / mbf: \$94.92

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

Combination#: 2 Western Hemlock / Fir 15.00%

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: 10 **bd. ft / load:** 4000

cost / mbf: \$110.27

machines: Log Loader (B)
Track Skidder



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Logging Costs

Operating Seasons: 1.00	Profit Risk: 10%
Project Costs: \$2,157.97	Other Costs (P/R): \$0.00
Slash Disposal: \$0.00	Other Costs: \$0.00

Miles of Road

Road Maintenance: \$5.11

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

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Western Hemlock / Fir	\$0.00	3.0	4.0
White Fir	\$0.00	3.0	4.0
Noble Fir	\$0.00	3.0	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
Western Hemlock / Fir									
\$97.22	\$5.62	\$13.46	\$87.09	\$0.00	\$20.34	\$0.00	\$2.00	\$0.00	\$225.73

Specie	Amortization	Pond Value	Stumpage	Amortized
Western Hemlock / Fir	\$0.00	\$365.00	\$139.27	\$0.00



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Summary

Amortized

Specie	MBF	Value	Total
Western Hemlock / Fir	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
Western Hemlock / Fir	326	\$139.27	\$45,402.02

Gross Timber Sale Value

Recovery: \$45,402.02

Prepared By: Chris Weekly

Phone: 541-883-5681

Cobb Huckleberry - GNA

KL-341-2020-GF8719-01

Other Costs

Road Maintenance

Move-in cost (grader):	\$400.00
Number of Miles to be Bladed:	6
Number of Bladings:	1
Total Miles:	6
Miles/Hour for Equipment:	0.5
Cost/Hour (grader with operator):	\$105.50
Total Grading Hours:	12
Grading Cost:	<u>\$1,266.00</u>
Total Cost:	<u>\$1,666.00</u>
Cost/Mbf:	\$5.11

MH	214 Mbf	66%	Average Load	4.0 Mbf	No. of Loads	54
NF	9 Mbf	3%	Average Load	4.2 Mbf	No. of Loads	2
SF	103 Mbf	32%	Average Load	3.8 Mbf	No. of Loads	<u>27</u>
Total:	326 Mbf				Total Loads	83

Cobb Huckleberry- GNA

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Project Work

Project #1 Road Construction

Move in Cost Dozer: \$400

	Points	Distance(ft)	Feet/Hour	Hours	Cost/Hour	Cost
Open/Clear/Shape	A to B	579	1000	0.579	\$132.50	\$76.72
Total						\$476.72
per Mbf						\$1.46

Project #2 Fell, Skid, and Pile Submerchantable Material

Total Sub-Sawlog Volume: 16 MBF

Fell and Skid/MBF: \$50.00

Sort/MBF: \$10.00

Total **\$960.00**

per MBF \$2.94

Landing Slash Piling

Number of Landings: 1

Shovel Time:	1 Hour per Landing	Cost per Hour:	\$125.00	Total Cost	\$125.00
Cat Time:	1 Hour per Landing	Cost per Hour:	\$132.50	Total Cost	\$132.50
Total				\$257.50	
per MBF				\$0.79	

Project #2 Summary

Fell, Skid, Pile Submerchantable Material	\$960.00
Landing Slash Piling	\$257.50
Total Cost	\$1,217.50
per MBF	\$3.73

Project #3 Road Closure and Waterbarring

Road Closures

1	Number of Closure Points - Point A
\$132.50	Cost per Hour (Cat)
\$132.50	Total
\$0.41	per Mbf

Skid Trail Waterbarring

1	Number of Landings
2.5	Hours per Landing
\$132.50	Cost per Hour (Cat)
\$331.25	Total
\$1.02	per Mbf

Project #3 Summary

Road Closure:	\$132.50
Waterbarring:	\$331.25
Total Cost:	\$463.75
per Mbf:	\$1.42

Cost Summary All Projects

\$476.72	Project #1 Road Improvement
\$1,217.50	Project #2 Fell, Skid, and Pile Submerchantable Trees
\$463.75	Project #3 Road Closures and Waterbarring

\$2,157.97	Total
\$6.62	per MBF

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Project Work

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Total						\$476.72
per Mbf						\$1.46

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per MBF \$2.94

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Total				\$257.50	
per MBF				\$0.79	

Project #2 Summary

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Landing Slash Piling	\$257.50
Total Cost	\$1,217.50
per MBF	\$3.73

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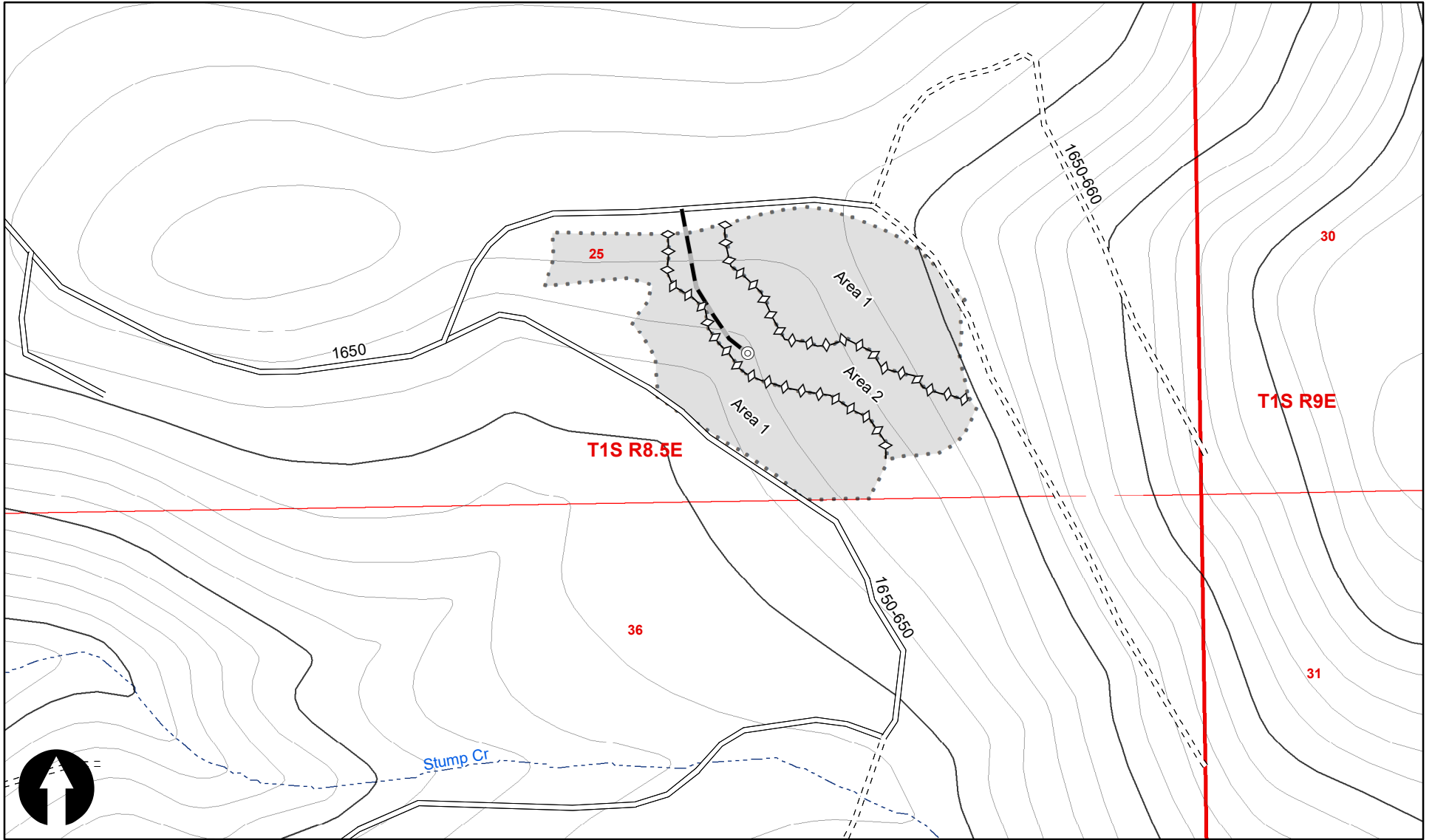
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per Mbf:	\$1.42

Cost Summary All Projects

\$476.72	Project #1 Road Improvement
\$1,217.50	Project #2 Fell, Skid, and Pile Submerchantable Trees
\$463.75	Project #3 Road Closures and Waterbarring

\$2,157.97	Total
\$6.62	per MBF



LOGGING PLAN

Of Timber Sale Contract
 KL-341-2020-GF8719-01
 Cobb Huckleberry - GNA
 Section(s) 25, T1S,
 R8.5E, Willamette Meridian,
 Hood River County, Oregon
 Approximately 22 acres

