



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Bald Hill Salvage
Sale WL-341-2025-W01201-01

District: Western Lane

Date: June 13, 2024

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$198,191.07	\$0.00	\$198,191.07
		Project Work:	(\$65,201.85)
		Advertised Value:	\$132,989.22



Timber Sale Appraisal
Bald Hill Salvage
Sale WL-341-2025-W01201-01

District: Western Lane

Date: June 13, 2024

Timber Description

Location: Portions of Section 32 T17S R09W and Section 5 of T18S R09W

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	15	0	97

Volume by Grade	2S	3S & 4S 6"-11"	Camprun	Total
Douglas - Fir	265	428	0	693
Western Hemlock / Fir	0	0	0	0
Red Cedar	0	0	0	0
Total	265	428	0	693

Comments: Pond Values Used: Local Pond Values, June 2024

Western red cedar:
\$759.69/MBF = \$1,259.00/MBF - \$499.31/MBF

Western Hemlock & other conifers
\$40.69 = \$540/MBF - \$499.31

Bigleaf Maple and other hardwoods
\$0/MBF

Pulp Price (Conifer and Hardwood) Price = \$2.00/Ton

Hauling Cost Allowance = equivalent to \$1,250 daily truck cost.

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

Other Costs (No Profit & Risk added):

Equipment wash prior to move-in = \$500

Final Road Maintenance = \$7,765

TOTAL Other Costs (No Profit and Risk added) = \$8,265



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Bald Hill Salvage
Sale WL-341-2025-W01201-01

District: Western Lane

Date: June 13, 2024

Logging Conditions

Combination#: 1 Douglas - Fir 91.92%

Logging System: Cable: Large Tower >=70 **Process:** Stroke Delimber

yarding distance: Long (1,500 ft) **downhill yarding:** No

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

loads / day: 8 **bd. ft / load:** 4200

cost / mbf: \$255.32

machines: Log Loader (A)
Stroke Delimber (A)
Tower Yarder (Large)

Combination#: 2 Douglas - Fir 8.08%

Logging System: Cable: Large Tower >=70 **Process:** Stroke Delimber

yarding distance: Medium (800 ft) **downhill yarding:** No

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

loads / day: 7 **bd. ft / load:** 4200

cost / mbf: \$291.80

machines: Log Loader (A)
Stroke Delimber (A)
Tower Yarder (Large)



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Bald Hill Salvage
Sale WL-341-2025-W01201-01

District: Western Lane

Date: June 13, 2024

Logging Costs

Operating Seasons: 1.00	Profit Risk: 15%
Project Costs: \$65,201.85	Other Costs (P/R): \$0.00
Slash Disposal: \$0.00	Other Costs: \$8,265.00

Miles of Road

Road Maintenance: \$0.00

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	4.0	0.0	0.0

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	2.0	4.2



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Bald Hill Salvage
Sale WL-341-2025-W01201-01

District: Western Lane

Date: June 13, 2024

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
\$258.27	\$4.20	\$6.33	\$153.27	\$0.00	\$63.31	\$0.00	\$2.00	\$11.93	\$499.31

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$785.30	\$285.99	\$0.00



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Bald Hill Salvage
Sale WL-341-2025-W01201-01

District: Western Lane

Date: June 13, 2024

Summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	693	\$285.99	\$198,191.07

Gross Timber Sale Value

Recovery: \$198,191.07

Prepared By: Griffin Puls

Phone: --

Bald Hill Salvage
WL-341-2025-W01201-01
Combined Project Costs

Project 1	Road Brushing	\$ 4,478.00
Project 2	Construct and Compact Sub-grades, Road Improvements, Culverts	\$ 7,091.85
	Spread and Compact Rock for <u>New Construct</u> and <u>Improvement</u> Roads	\$ 30,923.07
	Total Project 1	\$ 38,014.92
Project 3	Road Maintenance; Spread and Compact Rock Lifts, Grading	\$ 18,108.93
Project 4	Move In	\$ 4,600.00
TOTAL PROJECT COSTS		\$ 65,201.85

State Timber Sale Contract
Bald Hill Salvage
WL-341-2025-W01201-01

Road Brushing Costs

Location	Bald Hill Road	
Point to Point/Stationing	I-1 to I-2	
Miles	2.85	Total
Brushing Intensity	Light	
Cost/mile	\$ 1,571	
Total Cost	\$ 4,478	\$ 4,478

Subgrade Construction/Culverts
Processing and Decking Right-of-Way Logs Not Included

Totals	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Work Type	Maintenance	Maintenance	Maintenance	Construction	Construction	
Stations	150.5	15.45	9.91	3.05	6.9	185
Cost/Sta	\$ 55.00	\$ 93.00	\$ 132.00	\$ 683.00	\$ 726.00	
Cost	\$ 8,274.00	\$ 1,437.00	\$ 1,310.00	\$ 2,084.00	\$ 5,007.85	\$ 18,113.00

Earthwork

Clearing and Grubbing	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Acreage				0.35	0.79	1.1
Cost/Acre				\$ 1,826.62	\$ 1,826.62	
Total	\$ -	\$ -	\$ -	\$ 640	\$ 1,447	\$ 2,087.00

Excavation yards are bank run from State's design

Construction/Excavation	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Stations		0.7		3.05	6.9	9.95
\$/sta				\$ 166.68	\$ 166.68	
Drift/Excavation Cu Yd w Fluff						
Drift/Excavation \$/yd				\$ 3.01	\$ 3.01	
Landing Construction		\$ 531.45		\$ 531.45	\$ 531.45	
Subtotal	\$ -	\$ 532	\$ -	\$ 1,040	\$ 1,682	\$ 3,254.00

Culverts	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
ACSP					1	
Length (ft)					30	
Diameter					18	
Cost/Foot					\$ 15.01	
Replace culverts					1	
Banding					\$ 27.55	
Subtotal	\$ -	\$ -	\$ -	\$ -	\$ 477.85	\$ 478
Installation Cost	\$ -	\$ -	\$ -	\$ -	\$ 488	\$ 488

* Aluminized Steel was used for costing purposes based on prices as of 06/20/19

Subgrade Treatment

Compaction w/ Roller Surface Rock	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Road Stations		0.7	9.91	3.05	6.9	20.56
Cost/STA		\$ 77.16	\$ 77.16	\$ 77.16	\$ 77.16	
Subtotal	\$ -	\$ 55	\$ 765	\$ 236	\$ 533	\$ 1,589

Grade and Shape (Including ditch and culvert cleaning)	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Road Stations	150.5	15.45	9.91	3.05	6.9	185.81
Cost/STA	\$ 54.98	\$ 54.98	\$ 54.98	\$ 54.98	\$ 54.98	
Subtotal	\$ 8,274	\$ 850	\$ 545	\$ 168	\$ 380	\$ 10,217

Move in Cost	Initial
D-7 Cat	\$ 1,000
Dump Truck	\$ 200
Grader	\$ 800
Small Excavator	\$ 500
Vibratory Roller	\$ 500
Water Truck	\$ 100
Large Excavator	\$ 1,500

Project Cost \$ 18,113.00

Move In Cost \$ 4,600

Total Cost \$ 22,713.00

Due to rounding, the numbers in the table above may not add up to the totals shown.

State Timber Sale Contract WL-341-2025-W01201-01 Bald Hill Salvage						
<div> <div>Rocking and Compaction</div> <div> <div>Rock Source:</div> <div>Commercial</div> </div> </div>						
Rock Quantity (Inplace)						
Base Rock	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Rock Size	3"-0"	3"-0"	3"-0"	3"-0"	3"-0"	
Stations				3.05	6.90	10.00
Approx yds/sta				33	33	
Subtotal base (cu. yds)	0	0	0	100	230	330
Cap Rock	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Rock Size	1 1/2"-0"	1 1/2"-0"	1 1/2"-0"	1 1/2"-0"	1 1/2"-0"	
Stations			6.60	3.05	6.90	17.00
Approx yds/sta			11	11	11	
Subtotal cap (cu. yds)	0	0	70	30	80	180
Landings	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Rock Size	Pit Run	Pit Run	Pit Run	Pit Run	Pit Run	
# of landings		1.00		1.00		3.00
Approx yds/sta		50		40	40	
Subtotal (cu. yds)	0	50	0	40	40	130
Spot and Curve Widening Rock	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Rock Size	3"-0"	3"-0"	3"-0"	3"-0"	3"-0"	
Number of Points	5	2			1	
Approx cu. yds	10	10			60	
Subtotal	50	20	0	0	60	130
Backfill/ Drain Rock	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Rock Size	Pit Run	Pit Run	Pit Run	Pit Run	1 1/2"-0"	
Number of Points					1	
Approx cu. yds					20	20.00
Subtotal	0	0	0	0	20	20
Cubic Yards	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	Total
Total Rock Volume	50	70	70	170	430	790
ROCK COST (Rock + Delivery)						
Road Segment/Name	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Base Rock	3"-0"	3"-0"	3"-0"	3"-0"	3"-0"	
Approx cu. yds	0	0	0	100	230	330
Cost/yd (includes load/spread)	\$ 46.21	\$ 46.21	\$ 46.21	\$ 46.21	\$ 46.21	
Subtotal Cost	\$ -	\$ -	\$ -	\$ 4,621	\$ 10,628	\$ 15,249
Cap Rock	1 1/2"-0"	1 1/2"-0"	1 1/2"-0"	1 1/2"-0"	1 1/2"-0"	
Approx cu. yds	0	0	70	30	80	180
Cost/yd (includes load/spread)	\$ 46.91	\$ 46.91	\$ 46.91	\$ 46.91	\$ 46.91	
Subtotal Cost	\$ -	\$ -	\$ 3,283	\$ 1,407	\$ 3,753	\$ 8,443
Landing Rock	Pit Run	Pit Run	Pit Run	Pit Run	Pit Run	
Approx cu. yds	0	50	0	40	40	130
Cost/yd (includes load/spread)	\$ 38.51	\$ 38.51	\$ 38.51	\$ 38.51	\$ 38.51	
Subtotal Cost	\$ -	\$ 1,925.33	\$ -	\$ 1,540.27	\$ 1,540.27	\$ 5,005
Spot and Curve Widening Rock	3"-0"	3"-0"	3"-0"	3"-0"	3"-0"	
Approx cu. yds	50	20	0	0	60	130
Cost/yd (includes load/spread)	\$ 46.21	\$ 46.21	\$ 46.21	\$ 46.21	\$ 46.21	
Subtotal Cost	\$ 2,310.33	\$ 924.13	\$ -	\$ -	\$ 2,772.40	\$ 6,006
Backfill/ Drain Rock	Pit Run	Pit Run	Pit Run	Pit Run	1 1/2"-0"	
Approx cu. yds	0	0	0	0	20	20
Cost/yd (includes load/spread)	\$ 38.51	\$ 38.51	\$ 38.51	\$ 38.51	\$ 46.91	
Subtotal Cost	\$ -	\$ -	\$ -	\$ -	\$ 938	\$ 938
Grand total quarry approx yds	50	70	70	170	430	790
Total Quarry Rock Cost	\$ 2,310	\$ 2,849	\$ 3,283	\$ 7,568	\$ 19,631	\$ 35,641
Compaction w/Processing (Stations)	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Cost/cu. Yds	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	
Subtotal Processing	\$ 150	\$ 210	\$ 210	\$ 510	\$ 1,290	\$ 2,370
\$/yd³ rock in place & compacted	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	Total
Total Rock Costs	\$2,460	\$3,059	\$3,493	\$8,078	\$20,921	\$ 38,011
Move-in included in subgrade construction Due to rounding, the numbers in the table above may not add up to the totals shown.						

"Other Costs" with Profit and Risk to be Added:

None

Total "Other Costs" with Profit and Risk to be Added:

\$0



"Other Costs" With No Additional Profit and Risk

	<u>Units</u>	<u>Quantity</u>	<u>Cost/Unit</u>	<u>Total Cost</u>
Equipment wash prior to move-in	Operation			\$ 500
Final Road Maintenance	Operation			\$ 7,765
Total "Other Costs" With No Additional Profit and Risk:				\$ 8,265
Cost per MBF	693	MBF		\$ 11.93

State Timber Sale Contract
 WL-341-2025-W01201-01
 Bald Hill Salvage

Final Road Maintenance Cost Summary

Totals	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Stations	150.5	30.9	9.9	3.05	6.9	
Cost/Sta	\$ 25.83	\$ 51.95	\$ 113.11	\$ 62.61	\$ 37.92	
Total Cost	\$ 3,887.44	\$ 1,605.15	\$ 1,119.80	\$ 190.97	\$ 261.62	\$ 7,065

Spot Rocking	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Total Yds	24	20	20			
Rock Size	1 1/2"-0"	1 1/2"-0"	1 1/2"-0"			
\$/yd	\$46.91	\$46.91	\$46.91			
Subtotal	\$ 1,126	\$ 938	\$ 938	\$ -	\$ -	\$ 3,002

Grade,Shape & Pull Ditches	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Stations	150.50	30.90	9.90	3.05	6.90	
\$/STA	\$ 18.35	\$ 18.35	\$ 18.35	\$ 18.35	\$ 18.35	
Subtotal	\$ 2,762	\$ 567	\$ 182	\$ 56	\$ 127	\$ 3,694

Install Waterbars	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
# of waterbars				1	1	
\$/waterbar				\$35.00	\$35.00	
Subtotal	\$ -	\$ -	\$ -	\$ 35.00	\$ 35.00	\$ 70.00

Landing clean up	Bald Hill Road	Old Man Creek	Brush Creek	1A-1B	2A-2B	TOTAL
Stations		1		1	1	
\$/STA		\$ 100.00		\$ 100.00	\$ 100.00	
Subtotal	\$ -	\$ 100	\$ -	\$ 100	\$ 100	\$ 300

Move In	Initial	Between Proj.
Grader	\$ 500.00	
Dump Truck	\$ 200.00	

Move in costs associated with one entry for the entire project

Total Final Maintenance Costs	\$ 7,765
--------------------------------------	-----------------

Cruise Report

Bald Hill Salvage
WL-341-2025-W01201-01

Sale Area: Portions of section 32 in T17S, R9W and section 5 in T18S R9W, W.M., Lane County, Oregon. Unit 1 is approximately 28.8 net harvestable acres of modified clear-cut, and Unit 2 is approximately 6.5 net harvestable acres of salvage thinning. There are approximately 3.1 acres of stream buffers, 1.4 acres of green tree retention areas, and 1.83 acres of road buffers throughout the two units. These values were determined using a combination of aerial photos, GPS, GIS, and topographic maps.

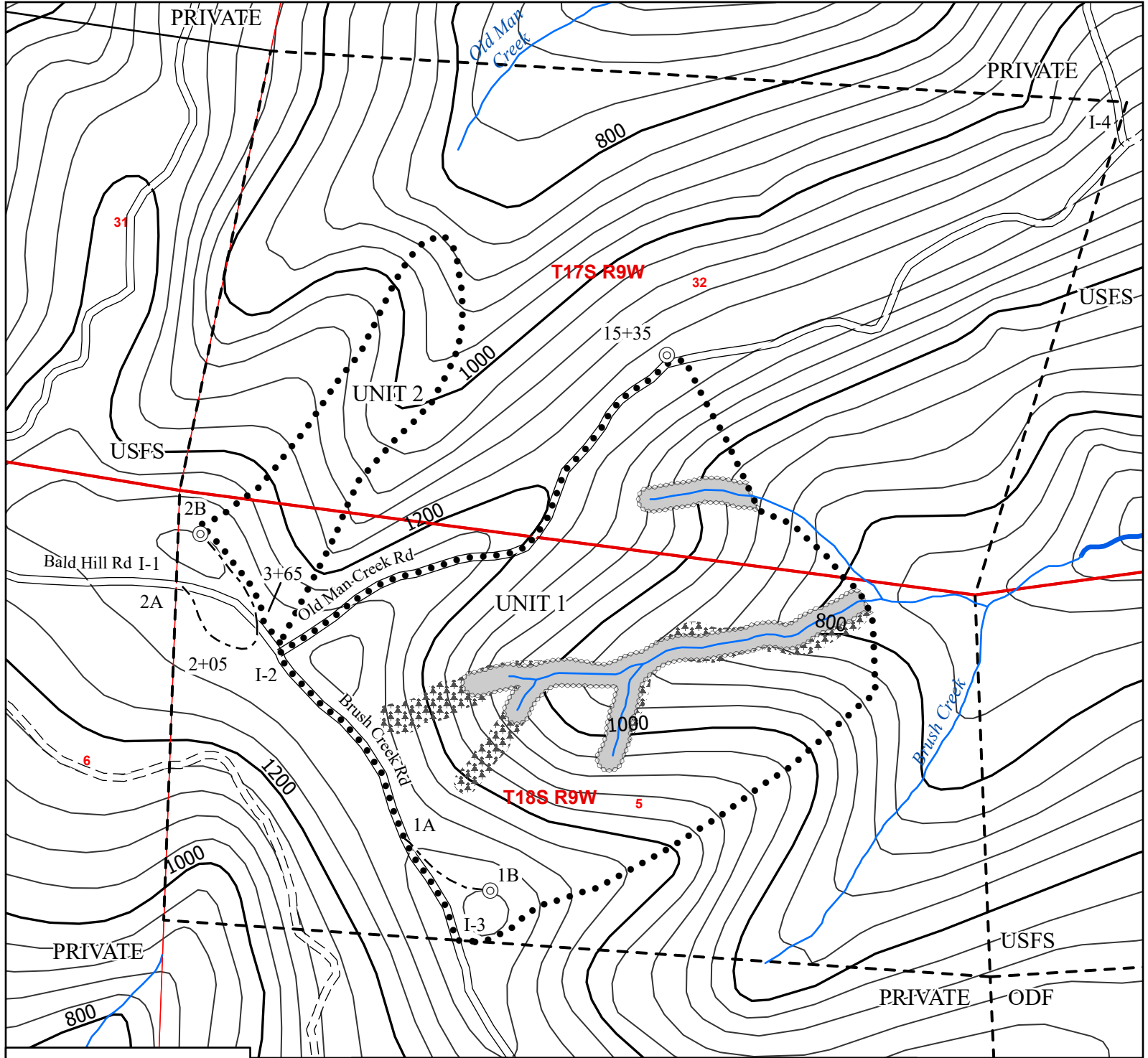
Stand Description: Bald Hill Salvage is mostly comprised of 42 to 54-year-old Douglas fir that was damaged in the 2024 winter storms. The majority of Unit 1 is broken and blown down. Unit 2 is less damaged than Unit 1 and contains mostly broken tops. The understory consists primarily of sword fern, salal, devils club, Oregon grape, salmon berry, and vine maple. Most of the timber sale area is steeper, averaging 65% slopes, but there are some flat areas adjacent to the roads and along the ridges. There are two non-fish tributaries that connect down to Brush Creek to the east of unit 1 and a single non-fish tributary to Old Man Creek that flows to the east of unit 2. All tributaries are small non-fish streams. This unit was appraised for cable-based operations.

Cruise Method and Design: For this cruise, 5 sample plots were taken outside of the two sale areas from adjacent parts of the same stand of timber that were not as significantly damaged. These units were cruised with a relaskop using a 20 BAF to a six-inch top and a spencer tape to measure diameters no smaller than a nine-inch DBH. Volumes were calculated using the SuperACE program and adjusted for net acres.

Volume Tables: Volumes computed from SuperACE listed below. **

Species	Avg DBH	2 Saw (mbf)	3 Saw (mbf)	4 Saw (mbf)
Douglas-Fir	15.2	265	372	56
Total Volume (MBF)				693
MBF/acre				19.6

**All volumes listed in the table above are NET volumes.



Legend

- + Project Points
- ⊙ Landing to Construct
- Green Tree Retention
- Stream Buffer
- Timber Sale Boundary
- ODF Managed Land

Roads

- All weather
- - - Dirt
- - - New Road Construction

Streams

- Fish
- Non-Fish, Perennial

LOGGING MAP

OF TIMBER SALE CONTRACT NO. WL-341-2025-W01201-01
BALD HILL SALVAGE
PORTIONS OF SECTION 5 of T18S R09W, W.M.
& SECTION 32 of T17S R09W, W.M.
LANE COUNTY, OREGON



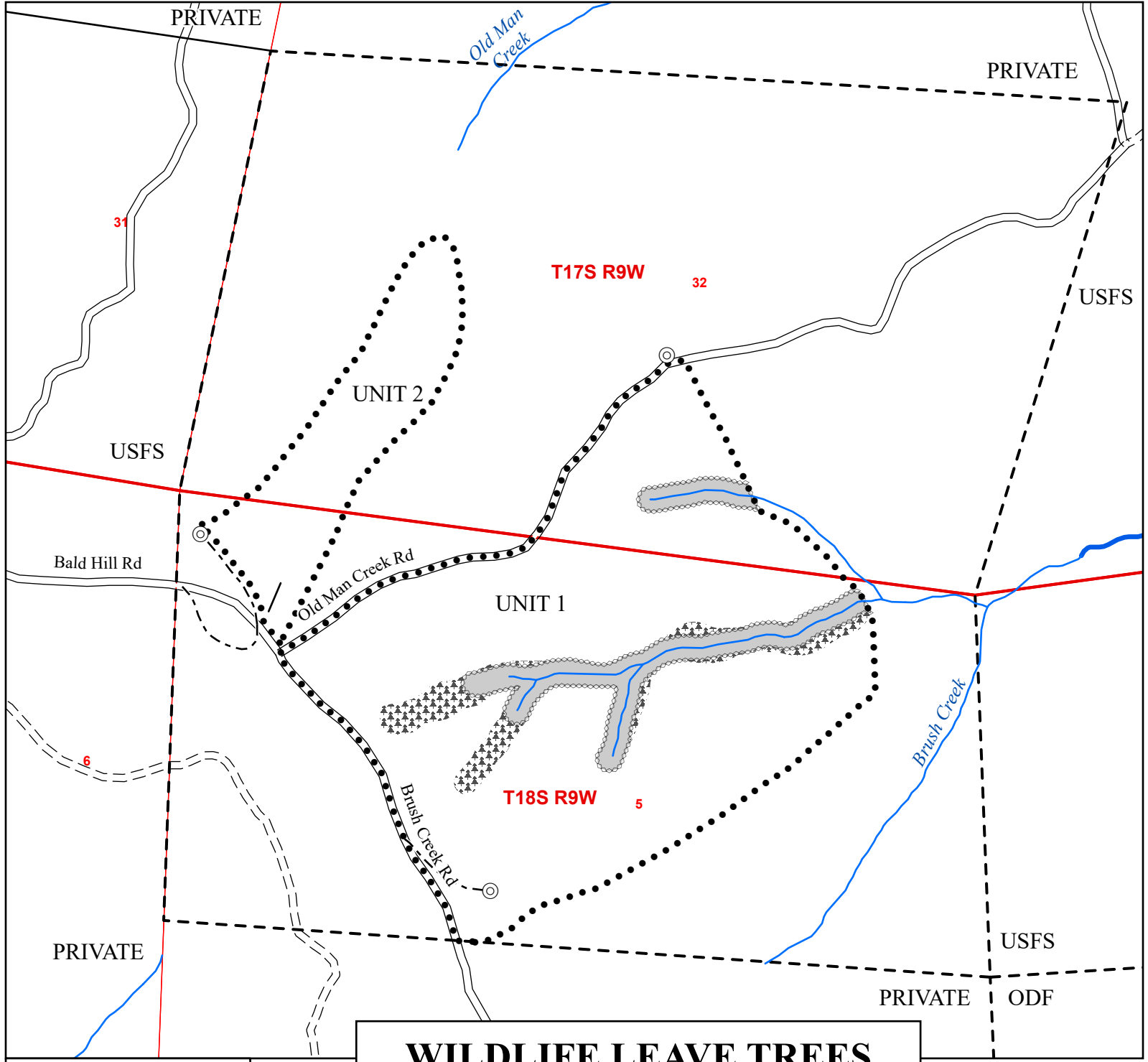
This product is for informational use and may not have been prepared for, or suitable for legal, engineering, or surveying purposes.



"STEWARDSHIP IN FORESTRY"

Yarding
Cable: 100%
Net Acres:
Unit 1 = 28.8
Unit 2 = 6.5

Scale 1:4,800
1" = 400'
Contours = 40ft



WILDLIFE LEAVE TREES

OF TIMBER SALE CONTRACT NO. WL-341-2025-W01201-01
BALD HILL SALVAGE
PORTIONS OF SECTION 5 of T18S R09W, W.M.
& SECTION 32 of T17S R09W, W.M.
LANE COUNTY, OREGON



This product is for informational use and may not have been prepared for, or suitable for legal, engineering, or surveying purposes.

Sale Unit	Net Acreage	Conifer (GTRA)	Hardwood (GTRA)	Logger Choice	Snags (15+ DBH)	Total Leave Trees	Green Trees Per Acre
1	28.8	15	17	83	1	116	4.03
Totals	28.8	15	17	83	1	116	4.03

Net Acres:
Unit 1 = 28.8
Unit 2 = 6.5

Scale 1:4,800
1" = 400'

Legend

- ⊙ Landing to Construct
- Green Tree Retention
- Stream Buffer
- Timber Sale Boundary
- ODF Managed Land
- Roads
 - All weather
 - Dirt
 - New Road Construction
- Streams
 - Fish
 - Non-Fish, Perennial