



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal  
Tilden 26 Salvage  
Sale WL-341-2025-W01205-01

District: Western Lane

Date: May 21, 2024

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**Cost Summary**

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$228,594.84	\$19.28	\$228,614.12
		Project Work:	\$0.00
		Advertised Value:	\$228,614.12



# Timber Sale Appraisal Tilden 26 Salvage Sale WL-341-2025-W01205-01

**District: Western Lane**

**Date: May 21, 2024**

## Timber Description

**Location:** Portions of Section 26 in T17S R9W, Lane County, Oregon, W.M.

**Stand Stocking:** 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	15	0	97
Western Hemlock / Fir	15	0	97
Alder (Red)	10	0	95

Volume by Grade	2S	3S & 4S 6"-11"	Camprun	Total
Douglas - Fir	282	561	0	843
Western Hemlock / Fir	25	14	0	39
Red Cedar	0	0	0	0
Alder (Red)	0	0	8	8
<b>Total</b>	307	575	8	890

**Comments:** Pond Values Used: Local Pond Values, May 2024

Western redcedar and Other Cedars Stumpage Price = Pond Value minus Logging Costs:  
\$895.67/MBF = \$1,356.00/MBF - \$460.33/MBF

Bigleaf maple Stumpage Price =  
\$0.00/MBF

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

Hauling Cost Allowance = equivalent to \$1250 daily truck cost.

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

Other Costs (No Profit & Risk added):

Equipment wash = \$500

Final Road Maintenance = \$18,255

TOTAL Other Costs (No Profit and Risk added) = \$18,755



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### Logging Conditions

<b>Combination#:</b> 1	Douglas - Fir	100.00%
	Western Hemlock / Fir	100.00%
	Alder (Red)	100.00%
<b>Logging System:</b>	Cable: Large Tower >=70	<b>Process:</b> Stroke Delimber
<b>yarding distance:</b>	Long (1,500 ft)	<b>downhill yarding:</b> No
<b>tree size:</b>	Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF	
<b>loads / day:</b>	8	<b>bd. ft / load:</b> 3950
<b>cost / mbf:</b>	\$271.48	
<b>machines:</b>	Log Loader (A) Stroke Delimber (A) Tower Yarder (Large)	

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### Logging Costs

Operating Seasons: 1.00	Profit Risk: 15%
Project Costs: \$0.00	Other Costs (P/R): \$0.00
Slash Disposal: \$0.00	Other Costs: \$18,755.00

Miles of Road

Road Maintenance: \$0.00

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	0.0	10.0	0.0

### Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	2.0	4.5
Western Hemlock / Fir	\$0.00	3.0	4.0
Alder (Red)	\$0.00	3.0	3.5



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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
<b>Douglas - Fir</b>									
\$271.48	\$8.45	\$4.93	\$143.06	\$0.00	\$64.19	\$0.00	\$2.00	\$21.07	\$515.18
<b>Western Hemlock / Fir</b>									
\$271.48	\$8.45	\$4.93	\$107.30	\$0.00	\$58.82	\$0.00	\$2.00	\$21.07	\$474.05
<b>Alder (Red)</b>									
\$271.48	\$8.61	\$4.93	\$125.00	\$0.00	\$61.50	\$0.00	\$2.00	\$21.07	\$494.59

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$783.38	\$268.20	\$0.00
Western Hemlock / Fir	\$0.00	\$538.21	\$64.16	\$0.00
Alder (Red)	\$0.00	\$497.00	\$2.41	\$0.00



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### Summary

#### Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00
Western Hemlock / Fir	0	\$0.00	\$0.00
Alder (Red)	0	\$0.00	\$0.00

#### Unamortized

Specie	MBF	Value	Total
Douglas - Fir	843	\$268.20	\$226,092.60
Western Hemlock / Fir	39	\$64.16	\$2,502.24
Alder (Red)	8	\$2.41	\$19.28

#### Gross Timber Sale Value

Recovery: \$228,614.12

Prepared By: John Enos

Phone: --

**"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-out	Operation			\$ 500
Final Road Maintenance	Operation			\$ 18,255
<b>Total "Other Costs" With No Additional Profit and Risk:</b>				<b>\$ 18,755</b>
<b>Cost per MBF</b>	816	MBF		<b>\$ 22.98</b>

State Timber Sale Contract  
 WL-341-2025-W01205-01  
 Tilden 26

### Final Road Maintenance Cost Summary

<b>Totals</b>	Tilden Ridge Road	17-9-23	1A to 1B	<b>TOTAL</b>
Stations	469.4	35.09	6.1	
Cost/Sta	\$ 35.15	\$ 24.05	\$ 34.74	
<b>Total Cost</b>	<b>\$ 16,499.22</b>	<b>\$ 843.90</b>	<b>\$ 211.94</b>	<b>\$ 17,555</b>

<b>Spot Rocking</b>	Tilden Ridge Road	17-9-23	1A to 1B	<b>TOTAL</b>
Total Yds	140			
Rock Size	1 1/2"-0"			
\$/yd	\$56.33			
Subtotal	\$ 7,886	\$ -	\$ -	<b>\$ 7,886</b>

<b>Grade, Shape &amp; Pull Ditches</b>	Tilden Ridge Road	17-9-23	1A to 1B	<b>TOTAL</b>
Stations	469.40	35.09	6.10	
\$/STA	\$ 18.35	\$ 18.35	\$ 18.35	
Subtotal	\$ 8,613	\$ 644	\$ 112	<b>\$ 9,369</b>

<b>Landing clean up</b>	Tilden Ridge Road	17-9-23	1A to 1B	<b>TOTAL</b>
Stations		2	1	
\$/STA		\$ 100.00	\$ 100.00	
Subtotal	\$ -	\$ 200	\$ 100	<b>\$ 300</b>

<b>Move In</b>	Initial	Between Proj.
Grader	\$500	
Dump Truck	\$200	

Move in costs associated with one entry for the entire project

<b>Total Final Maintenance Costs</b>	<b>\$ 18,255</b>
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# Cruise Report

## Tilden 26 Salvage

**Sale Area:** Portions of section 26 in T17S, R9W, W.M., Lane County, Oregon. There are 46 net harvestable acres in this sale. There are approximately 6 acres of stream and road buffers throughout the unit. These values were determined using a combination of aerial photos, GPS, GIS, and topographic maps.

**Stand Description:** The Tilden 26 Salvage is mostly comprised of 49-year-old Douglas fir with some western hemlock scattered throughout. The Unit was recently damaged by an ice storm in January. There are two areas within the unit with a large amount of blow down and broken tops. The blowdown is mostly concentrated in draws. Where no blowdown occurred, you can find a consistent number of broken tops throughout the unit. The unit is rocky, with multiple rocky outcroppings found within the unit. There is some alder and other hardwoods near the draws, but little throughout the unit. The understory consists primarily of sword fern, salal, devils club, Oregon grape, salmon berry, vine maple, and trailing blackberry. Most of the timber sale area is steeper, averaging 65%+ slopes. There is a fish stream adjacent to the eastern boundary, and there are three tributaries that flow into the fish stream. The tributaries are classified as non-fish perennial and non-fish seasonal streams. This unit was appraised for cable-based operations.

**Cruise Method and Design:** For this cruise the unit was stratified into two areas. This was due to the difference in size of timber in the areas. Area 1 was 40 acres and consisted of timber with smaller heights and DBH. In area 1 a 20BAF was used while taking plots, there was a total of 10 plots taken in this area. Area 2 was located down near the stream buffer. Area 2 was 6 acres and consisted of timber with noticeable increase in height and DBH from the other area. In area 2 a 40BAF was used while taking plots, there was a total of 5 plots taken in this area. Both areas were cruised with a relaskop to a six-inch top and a spencer tape to measure diameters. Volumes were calculated using the SuperACE program.

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

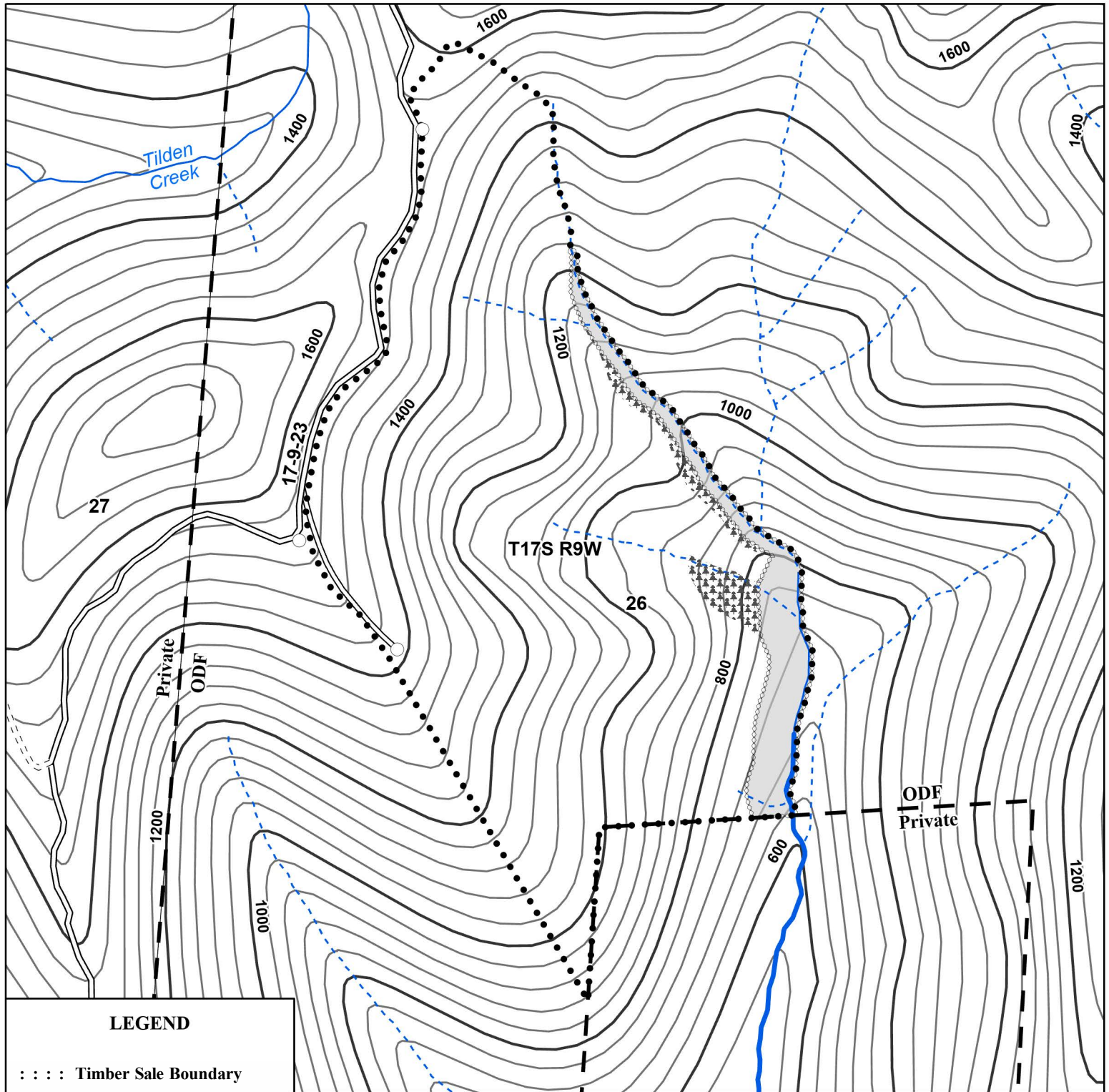
Tilden 26 Salvage Cruise Data (MBF):Area 1 (40 Acres)

Species	Avg DBH	2 Saw (mbf)	3 Saw (mbf)	4 Saw (mbf)	Camp Run	Sub – total (mbf)
Douglas-Fir	11.1	123	442	87	0	652
					<b>Total MBF</b>	652

Tilden 26 Salvage Cruise Data (MBF):Area 2 (6 Acres)

Species	Avg DBH	2 Saw (mbf)	3 Saw (mbf)	4 Saw (mbf)	Camp Run	Sub – total (mbf)
Douglas-Fir	19.5	159	29	4	0	191
Western Hemlock	15.4	25	13	1	0	39
Red Alder	9.5	0	0	0	8	8
					<b>Total MBF</b>	238

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



### LEGEND

--- Timber Sale Boundary

**1** ODF

--- GTR

--- Stream Buffer

0 Landings

Roads

== All weather

--- Dirt

Streams

--- Fish, Perennial

--- Non-Fish, Perennial

--- Non-Fish, Seasonal

## LOGGING MAP

OF TIMBER CONTRACT NO. WL-341-2025-W01205-01

TILDEN 26 SALVAGE

PORTIONS OF SECTIONS 26, T17S, R9W, 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

Yarding  
Cable = 100%

Gross Acres: 51  
Net Acres: 46



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Scale  
1: 5,000  
Contours = 40 Feet