



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Rap Reimer
Sale FG-341-2026-W01284-01

District: Forest Grove

Date: March 23, 2026

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$3,133,291.57	\$11,333.72	\$3,144,625.29
		Project Work:	(\$266,318.00)
		Advertised Value:	\$2,878,307.29



"STEWARDSHIP IN FORESTRY"

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District: Forest Grove

Date: March 23, 2026

Timber Description

Location:

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	21	0	98
Western Hemlock / Fir	35	0	98
Alder (Red)	19	0	95

Volume by Grade	2S	3S & 4S 6"-11"	Camprun	Total
Douglas - Fir	5,280	1,694	0	6,974
Western Hemlock / Fir	40	1	0	41
Alder (Red)	0	0	67	67
Total	5,320	1,695	67	7,082

Comments: LOCAL POND VALUES, FEBRUARY 2026

NOBLE FIR AND OTHER CONIFERS STUMPAGE PRICE = POND VALUE MINUS WESTERN HEMLOCK LOGGING COST:

$\$168.71 = \$549.88 - \$381.17$

BIG LEAF MAPLE AND OTHER HARDWOODS STUMPAGE PRICE = POND VALUE MINUS RED ALDER LOGGING COST:

$\$29.16 = \$395 - \$365.84$

WESTERN REDCEDAR AND OTHER CEDARS STUMPAGE PRICE = POND VALUE MINUS DOUGLAS-FIR LOGGING COST:

$\$945.29 = \$1,245.00 - \$299.71$

BRANDING AND PAINTING ALLOWANCE = \$2.00/MBF

FUEL COST ALLOWANCE = \$5.00/GAL

HAULING COST ALLOWANCE = \$1,250/DAY

OTHER COSTS (WITH PROFIT & RISK ADDED):

Weyerhaeuser Company ROAD MAINT & ROCKWEAR FEE: \$128,501.33

EQUIPMENT CLEANING: 3 PIECES @ \$1,000/PIECE = \$3,000

MACHINE TIME TO BLOCK/WATERBAR ROADS AND SKID TRAILS:

10 HOURS X \$200/HOUR = \$2,000

MACHINE TIME TO PILE LANDING SLASH:

20 HOURS X \$200/HOUR = \$4,000

TOTAL OTHER COSTS (WITH PROFIT & RISK ADDED): \$137,501.33

OTHER COSTS (NO PROFIT & RISK ADDED):N/A

SLASH TREATMENT: 10 ACRES X \$250/ACRE = \$2,500

ROAD MAINTENANCE (INCLUDES MOVE-IN, ROLLING & SPOT ROCKING):

MOVE IN: \$5,873.56(A)

GENERAL ROAD MAINT: 18.73 miles X \$2,413.43 = 45,203.55(B)TOTAL ROAD MAINTENANCE:

$\$51,077.11 / 7,082 \text{ MBF} = \$7.21/\text{MBF}$



Timber Sale Appraisal
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Logging Conditions

Combination#: 1 Douglas - Fir 94.77%
 Western Hemlock / Fir 96.00%
 Alder (Red) 94.96%

Logging System: Cable: Medium Tower >40 - <70 **Process:** Harvester Head Delimbing
yarding distance: Medium (800 ft) **downhill yarding:** No
tree size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF
loads / day: 12 **bd. ft / load:** 4600
cost / mbf: \$144.53
machines: Log Loader (A)
Forwarder
Harvester
Tower Yarder (Medium)

Combination#: 2 Douglas - Fir 5.23%
 Western Hemlock / Fir 4.00%
 Alder (Red) 5.04%

Logging System: Shovel **Process:** Harvester Head Delimbing
yarding distance: Short (400 ft) **downhill yarding:** No
tree size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF
loads / day: 15 **bd. ft / load:** 4600
cost / mbf: \$144.93
machines: Forwarder
Harvester



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Rap Reimer Sale FG-341-2026-W01284-01

District: Forest Grove

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Logging Costs

Operating Seasons: 2.00	Profit Risk: 15%
Project Costs: \$266,318.00	Other Costs (P/R): \$0.00
Slash Disposal: \$2,500.00	Other Costs: \$137,501.33

Miles of Road

Road Maintenance: \$7.21

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

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	3.0	4.8
Western Hemlock / Fir	\$0.00	2.0	4.0
Alder (Red)	\$0.00	3.0	3.0



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Rap Reimer Sale FG-341-2026-W01284-01

District: Forest Grove

Date: March 23, 2026

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
\$144.55	\$7.35	\$1.24	\$88.55	\$0.00	\$36.25	\$0.35	\$2.00	\$19.42	\$299.71
Western Hemlock / Fir									
\$144.55	\$7.35	\$1.24	\$159.38	\$0.00	\$46.88	\$0.35	\$2.00	\$19.42	\$381.17
Alder (Red)									
\$144.55	\$7.57	\$1.24	\$145.83	\$0.00	\$44.88	\$0.35	\$2.00	\$19.42	\$365.84

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$748.00	\$448.29	\$0.00
Western Hemlock / Fir	\$0.00	\$549.88	\$168.71	\$0.00
Alder (Red)	\$0.00	\$535.00	\$169.16	\$0.00



Timber Sale Appraisal
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Date: March 23, 2026

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	6,974	\$448.29	\$3,126,374.46
Western Hemlock / Fir	41	\$168.71	\$6,917.11
Alder (Red)	67	\$169.16	\$11,333.72

Gross Timber Sale Value

Recovery: \$3,144,625.29

Prepared By: Adrian Torres

Phone: 503-357-2191

TIMBER SALE SUMMARY
Rap Reimer
#FG-341-2026-W01284-01

1. **Location:** Portions of Sections 21, 27, 28, & 33, T1S, R6W, W.M., Washington County, Oregon.
2. **Type of Sale:** This Timber Sale Area is 191 acres. It consists of 3 Clearcut Units. Unit 1 (CC) is 115 acres, Unit 2 (CC) is 72 acres, and Unit 3 (CC) is 4 acres. The timber will be sold on a recovery basis at a sealed bid auction.
3. **Revenue Distribution:** 100% BOF; 100% Washington County.
4. **Sale Acreage:** Acres are net of Stream Buffers, Green Tree Retention Areas, and road prisms. Acreage was determined using ESRI ArcMap GIS Pro software.
5. **Cruise:** The Timber Sale was cruised by ODF timber cruisers in March of 2026. For more information, see Cruise Report.
6. **Timber Description:** The Timber Sale Area consists of a well-stocked, 73 year-old stand of Douglas-fir with minor components of western hemlock and red alder. This timber stand has an average of 174.9 ft² of basal area and an average Douglas-fir DBH of 21 inches. The estimated average net Douglas-fir volume is approximately 36.6 MBF per acre.
7. **Topography and Logging Method:** Slopes within the Timber Sale Area range from 5% to 80% with variable aspects. Unit 1 is 7% ground-based Yarding and 93% cable-based Yarding. Unit 2 is 4% ground-based Yarding and 96% cable-based Yarding. Unit 3 is 100% ground-based Yarding. The average horizontal skid trail length is 100 feet, and the maximum is approximately 400 feet. The average cable Yarding road length is 800 feet, and the maximum is approximately 1,900 feet.
8. **Access:** Access to the Timber Sale Area is on surfaced roads. From Forest Grove travel south on Highway 47 for 15 miles to its intersection with Pike Road. Continue west on Pike Road for 4.7 miles. Pike Road then becomes Turner Creek Road and continue for 8.4 miles to North Fork Trask River Road. Turn right on North Fork Trask River Road for and continue for 4.1 miles to Reimer Road. Turn left and continue on Reimer Road for 1.9 miles to reach the eastern portion of Unit 3. Continue on Reimer Road for 0.7 miles to reach the northeastern portion of Unit 1. Continue on Reimer Road for 0.5 miles to an unnamed spur. Turn right on the unnamed spur and continue for 0.2 miles to reach the southwestern portion of Unit 2. There are gates along this route that may require a key, which can be obtained from the Forest Grove District Office.
9. **Projects:**

Project No. 1: Road Improvement, Surface Rock Replacement, & Maintenance	\$264,007.59
Project No. 2: Road Vacating	\$ 2,310.41
Total Credit for all Projects	\$266,318.00

PROJECT COST SUMMARY SHEET

Timber Sale: Rap Reimer
Sale Number: FG-341-2026-W01284-01

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

Road Segment	Length	Cost
A to B	141+30	\$8,409.58
B to C	122+35	\$127,333.52
C to D	20+10	\$30,624.92
E to F	32+20	\$39,576.67
G to H	3+20	\$4,672.16
I to J	21+35	\$4,093.51
K to L	21+95	\$10,384.65
M to N	69+70	\$23,286.46
O to P	9+05	\$8,427.79
	441+20 stations	
	8.36 miles	
Total Rock =	9,977 cy	
	309 cy	
	4" - 0	
	Riprap	
	Move-in =	\$7,198.33

TOTAL PROJECT COST = \$264,007.59

PROJECT NO. 2: ROAD VACATING

Road Segment	Length	Cost
V1 to V2	18+55	\$217.00
V3 to V4	6+95	\$93.00
V5 to V6	33+65	\$434.00
V7 to V8	13+20	\$217.00
V9 to V10	13+80	\$1,286.95
	86+15 stations	
	1.63 miles	
	Move-in =	\$62.46

TOTAL PROJECT COST = \$2,310.41

TOTAL CREDITS = \$266,318.00

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer

Sale Number: FG-341-2026-W01284-01

PROJECT No. 1 & 2 MOVE-IN, WITHIN AREA MOVE, & CLEANING COSTS

Equipment	Total
Brush Cutter	\$526.95
Grader	\$522.85
Loader (Med. & Large)	\$563.45
Roller (smooth/grid) & Compactor	\$526.95
Excavator (Large) - Equipment Cleaning	\$2,108.89
Dozer (Large) - Equipment Cleaning	\$2,108.89
Dump Truck (10cy +)	\$475.19
Water Truck (2,500 Gal)	\$365.16
TOTAL MOVE-IN COSTS =	\$7,198.33

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: A to B

Sale Number: FG-341-2026-W01284-01
Improvement: 141+30 stations
2.68 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	1.62	ac @	\$1,353.60 per ac =	\$2,192.83
Grade, ditch, & roll	141.30	sta @	\$36.00 per sta =	<u>\$5,086.80</u>

TOTAL IMPROVEMENT COSTS = \$7,279.63

EROSION CONTROL

Grass seed & fertilizer	1.62	ac @	\$697.50 per ac =	<u>\$1,129.95</u>
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TOTAL EROSION CONTROL COSTS = \$1,129.95

TOTAL PROJECT COST = **\$8,409.58**

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: B to C

Sale Number: FG-341-2026-W01284-01
Improvement: 122+35 stations
2.32 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	1.50	ac @	\$1,353.60	per ac =	\$2,030.40
Roadside brushing	2.06	mi @	\$1,550.00	per mi =	\$3,193.00
Clean ditch & scatter waste material	73.35	sta @	\$66.00	per sta =	\$4,841.10
Clean ditch & end-haul waste material	31.90	sta @	\$66.00	per sta =	\$2,105.40
Haul waste material	230	cy @	\$3.90	per cy =	\$897.00
Shape and compact waste material	230	cy @	\$0.40	per cy =	\$92.00
Clean bridge, end-haul waste	2	ea @	\$66.00	per ea =	\$132.00
Haul waste material	5	cy @	\$3.90	per cy =	\$19.50
Shape and compact waste material	5	cy @	\$0.40	per cy =	\$2.00
Clean culvert inlet & outlet, scatter waste	4	ea @	\$27.50	per ea =	\$110.00
Clean culvert inlet & outlet, end-haul waste	7	ea @	\$27.50	per ea =	\$192.50
Haul waste material	4	cy @	\$3.90	per cy =	\$15.60
Shape and compact waste material	4	cy @	\$0.40	per cy =	\$1.60
End-haul waste from Culvert Nos. 1, 2, 4-7, 8, and 11					
Haul	125	cy @	\$3.90	per cy =	\$487.50
Compact waste area	125	cy @	\$0.40	per cy =	\$50.00
Clean or construct settling pond	22	ea @	\$27.50	per ea =	\$605.00
Haul waste material	29	cy @	\$3.90	per cy =	\$113.10
Shape and compact waste material	29	cy @	\$0.40	per cy =	\$11.60
Construct large settling pond	1	ea @	\$27.50	per ea =	\$27.50
Haul waste material	2	cy @	\$3.90	per cy =	\$7.80
Shape and compact waste material	2	cy @	\$0.40	per cy =	\$0.80
Geotextile	151	sqr yd @	\$7.50	per sq yd =	\$1,132.50
Improve turnout	9	ea @	\$36.30	per ea =	\$326.70
Grade & roll (outslope)	1.30	sta @	\$36.00	per sta =	\$46.80
Grade, ditch, & roll	121.05	sta @	\$41.00	per sta =	\$4,963.05

TOTAL IMPROVEMENT COSTS = \$21,404.45

CULVERTS

Culverts and Bands					
18" Diameter	300	lf @	\$22.10	per lf =	\$6,630.00
24" Diameter	70	lf @	\$32.00	per lf =	\$2,240.00
30" Diameter	70	lf @	\$43.20	per lf =	\$3,024.00
42" Diameter	40	lf @	\$19.50	per lf =	\$780.00
18" Band	5	ea @	\$22.10	per ea =	\$110.50
24" Band	2	ea @	\$32.00	per ea =	\$64.00
30" Band	1	ea @	\$80.00	per ea =	\$80.00
42" Band	1	ea @	\$132.00	per ea =	\$132.00
Markers & Stakes					
Culvert markers	22	ea @	\$12.00	per ea =	\$264.00
Additional Installation Cost					
Half round removal	2	hrs @	\$192.50	per hr =	\$385.00

TOTAL CULVERT COSTS = \$13,709.50

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	4" - 0	\$3.49	\$4.26	\$0.60	312	\$2,605.20
Energy dissipator	Riprap	\$2.11	\$4.26	\$1.80	60	\$490.20
Free draining fill	Riprap	\$2.11	\$4.26	\$1.80	201	\$1,642.17
				Subtotal =	573	\$4,737.57
Surfacing rock						
Surfacing rock	4" - 0	\$9.78	\$4.26	\$1.40	5,103	\$78,790.32
Surfacing rock	4" - 0	\$9.78	\$4.26	\$1.40	55	\$849.20
Junction	4" - 0	\$9.78	\$4.26	\$1.40	120	\$1,852.80
Large junction	4" - 0	\$9.78	\$4.26	\$1.40	72	\$1,111.68
Turnout	4" - 0	\$9.78	\$4.26	\$1.40	171	\$2,640.24
Rock berm	4" - 0	\$9.78	\$4.26	\$1.40	4	\$61.76
				Subtotal =	5,525	\$85,306.00
Totals						
				All Rock =	6,098	
				4" - 0	5,837	
				Riprap	261	

TOTAL ROCK COSTS = \$90,043.57

EROSION CONTROL

Grass seed & fertilizer	2.00	ac @	\$697.50	per ac =	\$1,395.00
Straw mulch acre	0.50	ac @	\$990.00	per ac =	\$495.00
Straw mulch bale	26	ea @	\$11.00	per ea =	\$286.00

TOTAL EROSION CONTROL COSTS = \$2,176.00

TOTAL PROJECT COST = \$127,333.52

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: C to D

Sale Number: FG-341-2026-W01284-01
Improvement: 20+10 stations
0.38 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.23	ac @	\$1,353.60	per ac =	\$311.33
Roadside brushing	0.38	mi @	\$1,550.00	per mi =	\$589.00
Clean ditch & scatter waste material	17.65	sta @	\$66.00	per sta =	\$1,164.90
Clean ditch & end-haul waste material	2.45	sta @	\$66.00	per sta =	\$161.70
Haul waste material	24	cy @	\$2.92	per cy =	\$70.08
Shape and compact waste material	24	cy @	\$0.40	per cy =	\$9.60
Clean culvert inlet & outlet, scatter waste	3	ea @	\$27.50	per ea =	\$82.50
End-haul waste from Culvert Nos. 15 - 17					
Haul	36	cy @	\$2.92	per cy =	\$105.12
Compact waste area	36	cy @	\$0.40	per cy =	\$14.40
Construct settling pond	3	ea @	\$27.50	per ea =	\$82.50
Haul waste material	4	cy @	\$2.92	per cy =	\$11.68
Shape and compact waste material	4	cy @	\$0.40	per cy =	\$1.60
Construct turnout	1	ea @	\$72.60	per ea =	\$72.60
Excavate, place and & compact fill	150	cy @	\$4.54	per cy =	\$681.00
Construct turnaround	1	ea @	\$91.00	per ea =	\$91.00
Excavate, place and & compact fill	200	cy @	\$4.54	per cy =	\$908.00
Improve landing	1	ea @	\$121.00	per ea =	\$121.00
Grade, ditch, & roll	20.10	sta @	\$41.00	per sta =	\$824.10

TOTAL IMPROVEMENT COSTS = \$5,302.11

CULVERTS

Culverts and Bands					
18" Diameter	60	lf @	\$22.10	per lf =	\$1,326.00
30" Diameter	80	lf @	\$43.20	per lf =	\$3,456.00
30" Band	2	ea @	\$80.00	per ea =	\$160.00
Markers & Stakes					
Culvert markers	5	ea @	\$12.00	per ea =	\$60.00
Additional Installation Cost					
Half round installation	1	hrs @	\$192.50	per hr =	\$192.50

TOTAL CULVERT COSTS = \$5,194.50

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	4" - 0	\$9.78	\$7.01	\$0.60	96	\$1,669.44
Energy dissipator	Riprap	\$2.11	\$7.01	\$1.80	36	\$393.12
Subtotal =					132	\$2,062.56
Surfacing rock						
Surfacing rock	4" - 0	\$9.78	\$7.01	\$1.40	844	\$15,352.36
Rock berm	4" - 0	\$9.78	\$7.01	\$1.40	13	\$236.47
Junction	4" - 0	\$9.78	\$7.01	\$1.40	12	\$218.28
Turnout	4" - 0	\$9.78	\$7.01	\$1.40	29	\$527.51
Turnaround	4" - 0	\$9.78	\$7.01	\$1.40	20	\$363.80
Landing	4" - 0	\$9.78	\$7.01	\$1.40	60	\$1,091.40
Subtotal =					978	\$17,789.82

Totals	All Rock =	1,110
	4" - 0	1,074
	Riprap	36

TOTAL ROCK COSTS = \$19,852.38

EROSION CONTROL

Grass seed & fertilizer	0.23	ac @	\$697.50	per ac =	\$160.43
Straw mulch acre	0.05	ac @	\$990.00	per ac =	\$49.50
Straw mulch bale	6	ea @	\$11.00	per ea =	\$66.00

TOTAL EROSION CONTROL COSTS = \$275.93

TOTAL PROJECT COST = \$30,624.92

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: E to F

Sale Number: FG-341-2026-W01284-01
Improvement: 32+20 stations
0.61 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.37	ac @	\$1,353.60	per ac =	\$500.83
Roadside brushing	0.61	mi @	\$1,100.00	per mi =	\$671.00
Clean ditch & scatter waste material	27.00	sta @	\$66.00	per sta =	\$1,782.00
Clean ditch & end-haul waste material	5.20	sta @	\$66.00	per sta =	\$343.20
Haul waste material	38	cy @	\$1.65	per cy =	\$62.70
Shape and compact waste material	38	cy @	\$0.40	per cy =	\$15.20
Clean culvert inlet & outlet, scatter waste	4	ea @	\$27.50	per ea =	\$110.00
End-haul waste from Culvert No. 18 & 19					
Haul	24	cy @	\$1.65	per cy =	\$39.60
Compact waste area	24	cy @	\$0.40	per cy =	\$9.60
Construct settling pond	3	ea @	\$27.50	per ea =	\$82.50
Haul waste material	4	cy @	\$1.65	per cy =	\$6.60
Shape and compact waste material	4	cy @	\$0.40	per cy =	\$1.60
Improve turnout	2	ea @	\$36.30	per ea =	\$72.60
Construct roadside landing	1	ea @	\$181.50	per ea =	\$181.50
Construct roadside landing	1	ea @	\$181.50	per ea =	\$181.50
Excavate, place and & compact fill	250	cy @	\$4.54	per cy =	\$1,135.00
Improve roadside landing	1	ea @	\$91.00	per ea =	\$91.00
Grade, ditch, & roll	32.20	sta @	\$41.00	per sta =	\$1,320.20

TOTAL IMPROVEMENT COSTS = \$6,606.63

CULVERTS

Culverts and Bands					
18" Diameter	30	lf @	\$22.10	per lf =	\$663.00
24" Diameter	30	lf @	\$32.00	per lf =	\$960.00
Markers & Stakes					
Culvert markers	3	ea @	\$12.00	per ea =	\$36.00

TOTAL CULVERT COSTS = \$1,659.00

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	4" - 0	\$9.78	\$7.54	\$0.60	48	\$860.16
Inlet armor	Riprap	\$2.11	\$7.54	\$1.80	12	\$137.40
Subtotal =					60	\$997.56
Surfacing rock						
Surfacing rock	4" - 0	\$9.78	\$7.54	\$1.40	1,352	\$25,309.44
Junction	4" - 0	\$9.78	\$7.54	\$1.40	12	\$224.64
Turnout	4" - 0	\$9.78	\$7.54	\$1.40	38	\$711.36
Rock Berm	4" - 0	\$9.78	\$7.54	\$1.40	8	\$149.76
Construct roadside landing	4" - 0	\$9.78	\$7.54	\$1.40	190	\$3,556.80
Improve roadside landing	4" - 0	\$9.78	\$7.54	\$1.40	60	\$1,123.20
Subtotal =					1,660	\$29,952.00

Totals	All Rock =	1,720
	4" - 0	1,708
	Riprap	12

TOTAL ROCK COSTS = \$30,949.56

EROSION CONTROL

Grass seed & fertilizer	0.37	ac @	\$697.50	per ac =	\$258.08
Straw mulch acre	0.06	ac @	\$990.00	per ac =	\$59.40
Straw mulch bale	4	ea @	\$11.00	per ea =	\$44.00

TOTAL EROSION CONTROL COSTS = \$361.48

TOTAL PROJECT COST = \$39,576.67

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: G to H

Sale Number: FG-341-2026-W01284-01
Improvement: 3+20 stations
0.06 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.04	ac @	\$1,353.60 per ac =	\$54.14
Roadside brushing	0.06	mi @	\$1,100.00 per mi =	\$66.00
Clean ditch & scatter waste material	3.20	sta @	\$66.00 per sta =	\$211.20
Improve landing	1	ea @	\$121.00 per ea =	\$121.00
Grade, ditch, & roll	3.20	sta @	\$41.00 per sta =	\$131.20

TOTAL IMPROVEMENT COSTS = \$583.54

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Surfacing rock						
Surfacing rock	4" - 0	\$9.78	\$8.34	\$1.40	134	\$2,615.68
Junction	4" - 0	\$9.78	\$8.34	\$1.40	12	\$234.24
Landing	4" - 0	\$9.78	\$8.34	\$1.40	60	\$1,171.20
Subtotal =					206	\$4,021.12

Totals	All Rock =	206
	4" - 0	206

TOTAL ROCK COSTS = \$4,021.12

EROSION CONTROL

Grass seed & fertilizer	0.04	ac @	\$697.50 per ac =	\$27.90
Straw mulch acre	0.04	ac @	\$990.00 per ac =	\$39.60

TOTAL EROSION CONTROL COSTS = \$67.50

TOTAL PROJECT COST = \$4,672.16

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: I to J

Sale Number: FG-341-2026-W01284-01
Improvement: 21+35 stations
0.40 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.25	ac @	\$1,353.60 per ac =	\$338.40
Roadside brushing	0.12	mi @	\$1,100.00 per mi =	\$132.00
Clean culvert inlet & outlet, scatter waste	1	ea @	\$27.50 per ea =	\$27.50
Scrap refuse removal at 0+70	1	ea @	\$800.00 per ea =	\$800.00
Construct settling pond	12	ea @	\$27.50 per ea =	\$330.00
Haul waste material	16	cy @	\$3.18 per cy =	\$50.88
Shape and compact waste material	16	cy @	\$0.40 per cy =	\$6.40
Grade, ditch, & roll	21.35	sta @	\$41.00 per sta =	\$875.35

TOTAL IMPROVEMENT COSTS = \$2,560.53

Markers & Stakes

Culvert markers	1	ea @	\$12.00 per ea =	\$12.00
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TOTAL CULVERT COSTS = \$12.00

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Surfacing rock						
Surfacing rock	4" - 0	\$9.78	\$0.72	\$1.40	98	\$1,166.20
				Subtotal =	98	\$1,166.20

Totals	All Rock =	98
	4" - 0	98

TOTAL ROCK COSTS = \$1,166.20

EROSION CONTROL

Grass seed & fertilizer	0.25	ac @	\$697.50 per ac =	\$174.38
Straw mulch acre	0.16	ac @	\$990.00 per ac =	\$158.40
Straw mulch bale	2	ea @	\$11.00 per ea =	\$22.00

TOTAL EROSION CONTROL COSTS = \$354.78

TOTAL PROJECT COST = \$4,093.51

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: K to L

Sale Number: FG-341-2026-W01284-01
Improvement: 21+95 stations
0.42 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.25	ac @	\$1,353.60 per ac =	\$338.40
Roadside brushing (medium)	0.42	mi @	\$1,550.00 per mi =	\$651.00
Clean ditch & scatter waste material	7.40	sta @	\$66.00 per sta =	\$488.40
Clean ditch & end-haul waste material	2.00	sta @	\$66.00 per sta =	\$132.00
Haul waste material	14	cy @	\$2.30 per cy =	\$32.20
Shape and compact waste material	14	cy @	\$0.40 per cy =	\$5.60
Clean culvert inlet & outlet, scatter waste	1	ea @	\$27.50 per ea =	\$27.50
End-haul waste from Culvert No. 20				
Haul	12	cy @	\$2.30 per cy =	\$27.60
Compact waste area	12	cy @	\$0.40 per cy =	\$4.80
Construct settling pond	9	ea @	\$27.50 per ea =	\$247.50
Haul waste material	12	cy @	\$2.30 per cy =	\$27.60
Shape and compact waste material	12	cy @	\$0.40 per cy =	\$4.80
Construct ditchout	1	ea @	\$50.00 per ea =	\$50.00
Haul waste material	12	cy @	\$2.30 per cy =	\$27.60
Shape and compact waste material	12	cy @	\$0.40 per cy =	\$4.80
Grade, ditch, & roll	9.40	sta @	\$41.00 per sta =	\$385.40

TOTAL IMPROVEMENT COSTS = \$2,455.20

CULVERTS

Culverts and Bands				
18" Diameter	30	lf @	\$22.10 per lf =	\$663.00
Markers & Stakes				
Culvert markers	2	ea @	\$12.00 per ea =	\$24.00

TOTAL CULVERT COSTS = \$687.00

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	4" - 0	\$9.78	\$4.21	\$0.60	24	\$350.16
				Subtotal =	24	\$350.16
Surfacing rock						
Surfacing rock	4" - 0	\$9.78	\$4.21	\$1.40	395	\$6,079.05
Junction	4" - 0	\$9.78	\$4.21	\$1.40	24	\$369.36
				Subtotal =	419	\$6,448.41

Totals	All Rock =	443
	4" - 0	443

TOTAL ROCK COSTS = \$6,798.57

EROSION CONTROL

Grass seed & fertilizer	0.25	ac @	\$697.50 per ac =	\$174.38
Straw mulch acre	0.25	ac @	\$990.00 per ac =	\$247.50
Straw mulch bale	2	ea @	\$11.00 per ea =	\$22.00

TOTAL EROSION CONTROL COSTS = \$443.88

TOTAL PROJECT COST = \$10,384.65

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: M to N

Sale Number: FG-341-2026-W01284-01
Improvement: 69+70 stations
1.32 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.80	ac @	\$1,353.60 per ac =	\$1,082.88
Clean culvert inlet & outlet, scatter waste	5	ea @	\$27.50 per ea =	\$137.50
Improve turnout	3	ea @	\$36.30 per ea =	\$108.90
Construct roadside landing	1	ea @	\$181.50 per ea =	\$181.50
Excavate, place and & compact fill	250	cy @	\$4.54 per cy =	\$1,135.00
Improve roadside landing	1	ea @	\$91.00 per ea =	\$91.00
Improve landing	1	ea @	\$172.70 per ea =	\$172.70
Grade, ditch, & roll	69.70	sta @	\$41.00 per sta =	\$2,857.70

TOTAL IMPROVEMENT COSTS = \$5,767.18

CULVERTS

Culverts and Bands				
18" Diameter	60	lf @	\$22.10 per lf =	\$1,326.00
Markers & Stakes				
Culvert markers	3	ea @	\$12.00 per ea =	\$36.00

TOTAL CULVERT COSTS = \$1,362.00

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	4" - 0	\$9.78	\$24.04	\$0.60	48	\$1,652.16
Subtotal =					48	\$1,652.16
Surfacing rock						
Spot Rock	4" - 0	\$9.78	\$24.04	\$1.40	48	\$1,690.56
Turnout	4" - 0	\$9.78	\$24.04	\$1.40	38	\$1,338.36
Construct roadside landing	4" - 0	\$9.78	\$24.04	\$1.40	95	\$3,345.90
Improve roadside landing	4" - 0	\$9.78	\$24.04	\$1.40	95	\$3,345.90
Landing	4" - 0	\$9.78	\$24.04	\$1.40	120	\$4,226.40
Subtotal =					396	\$13,947.12

Totals	All Rock =	444
	4" - 0	444

TOTAL ROCK COSTS = \$15,599.28

EROSION CONTROL

Grass seed & fertilizer	0.80	ac @	\$697.50 per ac =	\$558.00
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TOTAL EROSION CONTROL COSTS = \$558.00

TOTAL PROJECT COST = \$23,286.46

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: O to P

Sale Number: FG-341-2026-W01284-01
Improvement: 9+05 stations
0.17 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.10	ac @	\$1,353.60 per ac =	\$135.36
Roadside brushing	0.17	mi @	\$1,100.00 per mi =	\$187.00
Clean culvert inlet & outlet, scatter waste	1	ea @	\$27.50 per ea =	\$27.50
Construct roadside landing	1	ea @	\$181.50 per ea =	\$181.50
Excavate, place and & compact fill	250	cy @	\$4.54 per cy =	\$1,135.00
Improve landing	1	ea @	\$121.00 per ea =	\$121.00
Grade, ditch, & roll	9.05	sta @	\$41.00 per sta =	\$371.05

TOTAL IMPROVEMENT COSTS = \$2,158.41

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Surfacing rock						
Junction	4" - 0	\$9.78	\$25.86	\$1.40	12	\$444.48
Roadside landing	4" - 0	\$9.78	\$25.86	\$1.40	95	\$3,518.80
Landing	4" - 0	\$9.78	\$25.86	\$1.40	60	\$2,222.40
Subtotal =					167	\$6,185.68

Totals	All Rock =	167
	4" - 0	167

TOTAL ROCK COSTS = \$6,185.68

EROSION CONTROL

Grass seed & fertilizer	0.12	ac @	\$697.50 per ac =	\$83.70
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TOTAL EROSION CONTROL COSTS = \$83.70

TOTAL PROJECT COST = \$8,427.79

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: V1 to V2

Sale Number: FG-341-2026-W01284-01
Vacating: 18+55 stations
0.35 miles

PROJECT NO. 2: ROAD VACATING

VACATE				
Construct waterbar	7	ea @	\$31.00 per ea =	<u>\$217.00</u>
TOTAL IMPROVEMENT COSTS =				<u>\$217.00</u>
TOTAL PROJECT COST =				<u><u>\$217.00</u></u>

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: V3 to V4

Sale Number: FG-341-2026-W01284-01
Vacating: 6+95 stations
0.13 miles

PROJECT NO. 2: ROAD VACATING

VACATE			
Construct waterbar	3	ea @	\$31.00 per ea = <u>\$93.00</u>
			<u>TOTAL IMPROVEMENT COSTS = \$93.00</u>
			<u>TOTAL PROJECT COST = \$93.00</u>

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: V5 to V6

Sale Number: FG-341-2026-W01284-01
Vacating: 33+65 stations
0.64 miles

PROJECT NO. 2: ROAD VACATING

VACATE					
Construct waterbar	14	ea @	\$31.00 per ea =	<u>\$434.00</u>	
				<u>TOTAL IMPROVEMENT COSTS =</u>	<u>\$434.00</u>
				<u>TOTAL PROJECT COST =</u>	<u>\$434.00</u>

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: V7 to V8

Sale Number: FG-341-2026-W01284-01
Vacating: 13+20 stations
0.25 miles

PROJECT NO. 2: ROAD VACATING

VACATE					
Construct waterbar	7	ea @	\$31.00	per ea =	<u>\$217.00</u>
TOTAL IMPROVEMENT COSTS =					<u>\$217.00</u>
TOTAL PROJECT COST =					<u><u>\$217.00</u></u>

SUMMARY OF CONSTRUCTION COST

Timber Sale: Rap Reimer
Road Segment: V9 to V10

Sale Number: FG-341-2026-W01284-01
Vacating: 13+80 stations
0.26 miles

PROJECT NO. 2: ROAD VACATING

VACATE

Construct waterbar	7	ea @	\$31.00	per ea =	\$217.00
Existing fill removal End-haul (5+15)					
Excavate & load	24	cy @	\$1.94	per cy =	\$46.56
Haul waste area No. 4	31	cy @	\$1.25	per cy =	\$38.75
Compact waste area	31	cy @	\$0.40	per cy =	\$12.40
Existing fill removal End-haul (6+20)					
Excavate & load	111	cy @	\$1.94	per cy =	\$215.34
Haul waste area No. 4	144	cy @	\$1.25	per cy =	\$180.00
Compact waste area	144	cy @	\$0.40	per cy =	\$57.60
Existing fill removal End-haul (7+85)					
Excavate & load	45	cy @	\$1.94	per cy =	\$87.30
Haul waste area No. 4	59	cy @	\$1.25	per cy =	\$73.75
Compact waste area	59	cy @	\$0.40	per cy =	\$23.60

TOTAL IMPROVEMENT COSTS = \$952.30

EROSION CONTROL

Grass seed & fertilizer	0.15	ac @	\$1,241.00	per ac =	\$186.15
Straw mulch acre	0.15	ac @	\$990.00	per ac =	\$148.50

TOTAL EROSION CONTROL COSTS = \$334.65

TOTAL PROJECT COST = \$1,286.95

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Rap Reimer
Sale Number: FG-341-2026-W01284-01
Stockpile Name: Barney Stockpile

4" - 0: 528 cy (truck measure)
Total truck yardage: 528 cy

Move-in

Move in loader	\$1,105.29
Move in Dump Trucks	\$260.85
Subtotal =	<u>\$1,366.14</u>
Per CY =	<u>\$2.59/cy</u>

4"-0 Base Cost

Load dump truck	<u>\$0.90</u>	/ cy x	<u>528</u>	cy =	<u>\$475.20</u>
				Subtotal =	<u>\$475.20</u>
				Per CY =	<u>\$0.90</u>

4"-0 Cost = \$3.49/cy

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Rap Reimer
Sale Number: FG-341-2026-W01284-01
Quarry Name: Barney Quarry

4" - 0: 9,449 cy (truck measure)
Riprap: 309 cy (truck measure)
Total truck yardage: 9,758 cy
Total in place yardage: 8,831 cy
Oversize - Pile: 15%
Swell: 130%
Compaction: 116%

Move-in & Other Base Cost

Quarry development & overburden removal	\$3,462.76
Equipment cleaning & move in excavator	\$2,256.53
Equipment cleaning & move in dozer	\$2,230.92
Move in & setup drill	\$787.49
Move in loader	\$1,105.29
Move in & setup crusher	\$1,230.92
Move in Dump Trucks	\$268.20
Clean up quarry	\$500.00
Subtotal =	<u>\$11,842.11</u>
Per CY =	<u>\$1.21/cy</u>

4"-0 Base Cost

Drill & shoot	<u>\$3.10</u>	/ cy x	<u>8,551</u>	cy =	\$26,508.10
Oversize - Pile	<u>\$0.80</u>	/ cy x	<u>1,283</u>	cy =	\$1,026.40
Load crusher	<u>\$0.90</u>	/ cy x	<u>11,116</u>	cy =	\$10,004.40
Crush (4" - 0)	<u>\$3.70</u>	/ cy x	<u>9,449</u>	cy =	\$34,961.30
Load dump truck	<u>\$0.90</u>	/ cy x	<u>9,449</u>	cy =	\$8,504.10
Subtotal =					<u>\$81,004.30</u>
Per CY =					<u>\$8.57/cy</u>

Riprap Base Cost

Load dump truck	<u>\$0.90</u>	/ cy x	<u>309</u>	cy =	<u>\$278.10</u>
Subtotal =					<u>\$278.10</u>
Per CY =					<u>\$0.90/cy</u>

4" - 0 Base Cost = \$9.78/cy
Riprap Base Cost = \$2.11/cy

CRUISE REPORT
Rap Reimer
#FG-341-2026-W01284-01

1. LOCATION:

Portions of Sections 21, 27, 28, & 33, T1S, R6W, W.M., Washington County, Oregon.

2. CRUISE DESIGN:

The timber cruise was designed using an estimated coefficient of variation (CV) of 57%, average stand diameter of 18 inches, sampling error (SE) of 9% and a minimum of 100 grade trees.

3. SAMPLING METHOD:

The Timber Sale Area was cruised in March of 2026 with a total of 42 variable radius grade plots using a 40 BAF prism. Plots were laid out in a 7 chain x 8 chain grid for Unit 1 with 24 plots, 8 chain x 7 chain for Unit 2 with 15 plots, and 3 chain x 1 chain for Unit 3 with 3 plots. Plots falling on or near existing roads or no-harvest areas were offset 1 chain.

4. CRUISE RESULTS:

185 trees were measured and graded producing a standard error of 6.3% on the Douglas-fir Basal Area and 6.3% on the Douglas-fir Net Board Foot Volume.

5. TREE MEASUREMENT AND GRADING:

All sample trees were measured and graded following the Official Log Scaling and Grading Rules as adopted by the NW Log Rules Advisory Group. 40 foot segments were favored.

- a) **Height Standards:** Total tree heights were measured to the nearest foot. Bole heights were calculated to a six inch top.
- b) **Diameter Standards:** Diameters were measured outside bark at breast height to the nearest inch.
- c) **Form Factors:** Measured for each grade tree using a form point of 16 feet.

6. DATA PROCESSING:

- a) **Volumes and Statistics:** Cruise estimates and sampling statistics were derived from SuperAce 2008 cruise software.
- b) **Deductions:** The following percent volume deductions are by species to account for the hidden defect and breakage. For conifers two percent was deducted. For hardwoods five percent was deducted.

7. CRUISERS: The sale was cruised by Adrian Torres, Colton Turner, and Mark Savage.

Prepared by: Adrian Torres 03-19-2026

Reviewed by: Mark Savage 03-19-2026
Date

TC PSTATS				PROJECT STATISTICS				PAGE	1				
				PROJECT	RAPREIM			DATE	3/17/2026				
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt				
T1S	R6	27	U3	00MC	191.00	42	190	S	W				
T1S	R6W	28	U1	00MC									
T1S	R6W	28	U2	00MC									
				TREES	ESTIMATED	PERCENT							
				TOTAL	SAMPLE								
				PER PLOT	TREES	TREES							
TOTAL				42	190	4.5							
CRUISE				42	190	4.5	13,842	1.4					
DBH COUNT													
REFOREST													
COUNT													
BLANKS													
100 %													
STAND SUMMARY													
SAMPLE				TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET	
TREES				/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC	
DOUG FIR				180	67.8	21.4	124	36.7	169.9	37,364	37,254	7,844	7,844
DOUG FIR-S				5	2.5	19.2	63	1.1	5.0				
R ALDER				4	2.1	18.9	82	0.9	4.0	371	371	126	126
WHEMLOCK				1	.2	35.0	127	0.2	1.0	218	218	48	48
TOTAL				190	72.5	21.3	121	39.0	179.9	37,954	37,843	8,018	8,018
CONFIDENCE LIMITS OF THE SAMPLE													
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR													
CL	68.1	COEFF	SAMPLE TREES - BF						# OF TREES REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15			
DOUG FIR			62.7	4.7	810	850	890						
DOUG FIR-S													
R ALDER			15.7	9.0	166	183	199						
WHEMLOCK													
TOTAL			66.9	4.8	777	817	856	179	45	20			
CL	68.1	COEFF	SAMPLE TREES - CF						# OF TREES REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15			
DOUG FIR			56.4	4.2	167	174	181						
DOUG FIR-S													
R ALDER			23.2	13.3	54	63	71						
WHEMLOCK													
TOTAL			60.3	4.4	161	168	175	145	36	16			
CL	68.1	COEFF	TREES/ACRE						# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15			
DOUG FIR			82.8	12.8	59	68	76						
DOUG FIR-S			301.8	46.5	1	2	4						
R ALDER			396.9	61.2	1	2	3						
WHEMLOCK			648.1	99.9	0	0	0						
TOTAL			76.7	11.8	64	72	81	235	59	26			
CL	68.1	COEFF	BASAL AREA/ACRE						# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15			
DOUG FIR			40.9	6.3	159	170	181						
DOUG FIR-S			275.3	42.4	3	5	7						
R ALDER			388.8	59.9	2	4	6						
WHEMLOCK			648.1	99.9	0	1	2						
TOTAL			37.8	5.8	169	180	190	57	14	6			
CL	68.1	COEFF	NET BF/ACRE						# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15			
DOUG FIR			41.2	6.3	34,889	37,254	39,619						
DOUG FIR-S													
R ALDER			383.1	59.1	152	371	590						

TC PSTATS				PROJECT STATISTICS				PAGE	2	
				PROJECT	RAPREIM			DATE	3/17/2026	
TWP	RGE	SC	TRACT	TYPE	ACRES		PLOTS	TREES	CuFt	BdFt
T1S	R6	27	U3	00MC	191.00		42	190	S	W
T1S	R6W	28	U1	00MC						
T1S	R6W	28	U2	00MC						
CL	68.1		COEFF	NET BF/ACRE				# OF PLOTS REQ.		INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
WHEMLOCK			648.1	99.9	0	218	436			
TOTAL			39.5	6.1	35,540	37,843	40,146	62	16	7
CL	68.1		COEFF	NET CUFT FT/ACRE				# OF PLOTS REQ.		INF. POP.
SD:	1.0		VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR			41.0	6.3	7,349	7,844	8,340			
DOUG FIR-S										
R ALDER			392.9	60.6	50	126	203			
WHEMLOCK			648.1	99.9	0	48	95			
TOTAL			38.9	6.0	7,537	8,018	8,499	60	15	7

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																		
TT1S RR6W S27 Ty00MC4.00 TT1S RR6W S28 Ty00MC115.00 TT1S RR6W S28 Ty00MC72.00				Project: RAPREIM										Page 1								
				Acres 191.00										Date 3/17/2026								
														Time 3:48:48PM								
Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent of Net Board Foot Volume								Average Log				Logs Per /Acre	
									Log Scale Dia.				Log Length				Ln Ft	Dia In	Bd Ft	CF/ Lf		
					4-5	6-11	12-16		17+	12-20	21-30	31-35	36-99									
DF			CU														19	9		0.00	5.7	
DF			2M	75	.4	28,309	28,207	5,388				42	58	0		100	40	16	445	2.18	63.4	
DF			3M	21	.1	7,899	7,890	1,507			95	5			0	3	39	9	115	0.74	68.7	
DF			4M	4		1,157	1,157	221			100			24	49	18	25	6	33	0.38	35.2	
DF Totals				98	.3	37,364	37,254	7,115			23	33	44	1	2	1	96	36	11	215	1.26	173.1
DF	S		CU														28	10		0.00	4.4	
DF Totals																	28	10		0.00	4.4	
RA			CR	100		371	371	71			100			4	4	91	34	9	124	1.25	3.0	
RA Totals				1		371	371	71			100			4	4	91	34	9	124	1.25	3.0	
WH			2M	97		212	212	41				28	72			100	40	20	705	3.69	.3	
WH			4M	3		6	6	1			100				100		24	8	40	0.87	.2	
WH Totals				1		218	218	42			3	28	70		3	97	35	16	483	3.04	.5	
Totals					0.3	37,954	37,843	7,228			24	33	43	1	2	1	96	36	11	209	1.24	180.9

TC		PSTNDSUM										Stand Table Summary										Page		1	
																						Date:		3/17/2026	
		TT1S RR6W S27 Ty00MC				4.00		Project		RAPREIM		Time:		3:48:49PM											
		TT1S RR6W S28 Ty00MC				115.00		Acres		191.00		Grown Year:													
		TT1S RR6W S28 Ty00MC				72.00																			
S SpC	T	Sample		Tot		Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Net		Net	T o t a l s											
		DBH	Trees	FF 16'	Av Ht				Net Cu.Ft.	Net Bd.Ft.	Tons/ Acre	Cu.Ft. Acre		Bd.Ft. Acre	Tons	Cunits	MBF								
DF		8	1	86	57	2.875	1.00	2.87	4.4	20.0	.36	13	57	69	24	11									
DF		9	2	87	87	4.547	2.01	4.55	8.6	45.0	1.11	39	205	213	75	39									
DF		12	1	86	96	1.280	1.01	1.28	8.8	40.0	.32	11	51	61	22	10									
DF		13	2	88	104	2.181	2.01	4.36	15.9	72.5	1.98	69	316	378	133	60									
DF		14	4	88	110	3.756	4.02	7.51	19.4	86.2	4.15	146	648	792	278	124									
DF		15	3	89	121	2.456	3.01	4.91	23.6	106.7	3.31	116	524	631	222	100									
DF		16	6	88	114	4.320	6.03	7.92	27.9	120.0	6.31	221	950	1,205	423	182									
DF		17	4	86	115	2.549	4.02	5.10	29.8	122.5	4.33	152	624	828	290	119									
DF		18	6	89	129	2.998	5.30	8.43	28.4	126.0	6.82	239	1,061	1,303	457	203									
DF		19	8	89	131	3.712	7.31	10.48	30.8	133.5	9.20	323	1,399	1,757	616	267									
DF		20	9	88	134	4.141	9.03	12.42	33.5	150.0	11.86	416	1,864	2,266	795	356									
DF		21	9	88	135	3.457	8.31	9.95	39.2	184.5	11.11	390	1,836	2,122	744	351									
DF		22	12	89	140	4.565	12.05	13.69	42.5	198.6	16.57	582	2,720	3,166	1,111	520									
DF		23	11	87	135	3.579	10.33	10.04	46.2	210.9	13.21	464	2,117	2,524	885	404									
DF		24	10	88	137	3.197	10.04	9.59	49.6	222.7	13.55	475	2,136	2,588	908	408									
DF		25	16	88	140	4.500	15.34	13.50	55.5	259.4	21.34	749	3,502	4,076	1,430	669									
DF		26	8	88	142	1.982	7.31	5.95	62.0	290.0	10.50	368	1,724	2,006	704	329									
DF		27	7	88	135	1.402	5.58	4.21	62.9	295.1	7.54	265	1,241	1,441	506	237									
DF		28	6	88	145	1.239	5.30	3.72	71.5	357.3	7.57	266	1,328	1,446	508	254									
DF		29	7	88	144	1.216	5.58	3.65	77.0	383.7	8.01	281	1,399	1,529	537	267									
DF		30	10	87	136	2.045	10.04	5.73	83.5	414.6	13.62	478	2,374	2,601	913	453									
DF		31	12	88	143	2.021	10.60	6.12	85.3	424.1	14.87	522	2,594	2,841	997	496									
DF		32	9	89	146	1.488	8.31	4.46	94.9	483.2	12.07	423	2,156	2,305	809	412									
DF		33	3	89	147	.507	3.01	1.52	102.1	520.0	4.43	155	791	845	297	151									
DF		34	3	86	153	.363	2.29	1.09	109.7	557.7	3.40	119	607	650	228	116									
DF		35	1	91	151	.150	1.00	.45	118.6	666.7	1.52	53	300	291	102	57									
DF		36	1	85	145	.142	1.01	.43	117.8	586.7	1.43	50	250	273	96	48									
DF		37	3	87	164	.403	3.01	1.48	113.5	622.7	4.78	168	921	914	321	176									
DF		38	2	89	144	.255	2.01	.76	135.8	740.0	2.96	104	566	565	198	108									
DF		40	3	86	154	.345	3.01	1.04	140.6	771.1	4.15	146	799	793	278	153									
DF		45	1	84	116	.091	1.00	.18	224.4	1050.0	1.16	41	191	222	78	36									
DF		Totals	180	88	124	67.761	169.86	167.39	46.9	222.6	223.57	7,844	37,254	42,701	14,983	7,115									
RA		18	2	80	81	1.137	2.01	1.14	51.5	165.0	1.61	59	188	308	112	36									
RA		19	1	73	81	.511	1.01	1.02	33.0	90.0	.93	34	92	177	64	18									
RA		21	1	73	85	.417	1.00	.83	40.8	110.0	.94	34	92	179	65	18									
RA		Totals	4	77	82	2.064	4.02	2.99	42.2	124.1	3.47	126	371	663	241	71									
WH		35	1	83	127	.150	1.01	.45	105.3	483.3	1.52	48	218	290	91	42									
WH		Totals	1	83	127	.150	1.01	.45	105.3	483.3	1.52	48	218	290	91	42									
DF S		15	1	78	41	.819	1.01																		
DF S		17	1	84	55	.637	1.00																		
DF S		21	2	87	72	.835	2.01																		
DF S		30	1	90	138	.204	1.00																		
DF S		Totals	5	84	63	2.495	5.02																		
Totals		190	87	121		72.472	179.91	170.83	46.9	221.5	228.56	8,018	37,843	43,655	15,315	7,228									

TC		PLOGSTVB		Log Stock Table - MBF																	
TT1S RR6W S27 Ty00MC4.00 TT1S RR6W S28 Ty00MC115.00 TT1S RR6W S28 Ty00MC72.00						Project: RAPREIM		Acres191.00												Page1	
																				Date3/17/2026	
																				Time3:48:48PM	
S T Spp	So Gr rt de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches														
							2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+			
DF	2M	20	15		15	.2								15							
DF	2M	40	5,392		5,372	75.5					684		922	1939	1336	464		28			
DF	3M	30	2		2	.0				2											
DF	3M	31	4		4	.1			4												
DF	3M	32	2		2	.0			2												
DF	3M	33	9		9	.1			4	2	3										
DF	3M	34	13		13	.2			13												
DF	3M	35	22		22	.3			16	5											
DF	3M	36	15		15	.2			13	3											
DF	3M	37	47		47	.7			47												
DF	3M	38	22		22	.3			20	2											
DF	3M	39	27		27	.4			24	3											
DF	3M	40	1,344		1,342	18.9			158	310	800	58	16								
DF	4M	12	0		0	.0			0												
DF	4M	15	1		1	.0				1											
DF	4M	16	16		16	.2			6	10											
DF	4M	17	4		4	.1			4												
DF	4M	18	2		2	.0			2												
DF	4M	19	24		24	.3			22	1											
DF	4M	20	7		7	.1			5	1											
DF	4M	21	9		9	.1			9												
DF	4M	22	4		4	.1			4												
DF	4M	23	2		2	.0			2												
DF	4M	24	17		17	.2			17												
DF	4M	25	3		3	.0			3												
DF	4M	26	27		27	.4			27												
DF	4M	27	8		8	.1			8												
DF	4M	28	6		6	.1			6												
DF	4M	29	18		18	.3			18												
DF	4M	30	14		14	.2			14												
DF	4M	31	2		2	.0			2												
DF	4M	32	19		19	.3			19												
DF	4M	33	3		3	.0			3												
DF	4M	34	4		4	.1			4												
DF	4M	35	10		10	.1			10												
DF	4M	37	12		12	.2			12												
DF	4M	39	8		8	.1			8												

TC PLOGSTVB			Log Stock Table - MBF																
TT1S RR6W S27 Ty00MC4.00 TT1S RR6W S28 Ty00MC115.00 TT1S RR6W S28 Ty00MC72.00			Project: RAPREIM Acres 191.00										Page 2 Date 3/17/2026 Time 3:48:48PM						
Spp	S T	So Gr rt de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches											
								2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
DF		4M	40	1		1	.0			1									
DF		Totals		7,137		7,115	98.4			508	342	803	742	938	1954	1336	464	28	
RA		CR	17	3		3	4.1			3									
RA		CR	23	3		3	4.5			3									
RA		CR	40	65		65	91.4					65							
RA		Totals		71		71	1.0			6		65							
WH		2M	40	41		41	97.2							11		29			
WH		4M	24	1		1	2.8				1								
WH		Totals		42		42	.6			1				11		29			
Total		All Species		7,249		7,228	100.0			515	343	867	742	938	1966	1336	493	28	

TC PSTATS				PROJECT STATISTICS					PAGE	1			
				PROJECT		RAPREIM			DATE	3/17/2026			
TWP	RGE	SC	TRACT	TYPE	ACRES		PLOTS	TREES	CuFt	BdFt			
T1S	R6	28	U1	00MC	115.00		24	114	S	W			
				TREES		ESTIMATED	PERCENT						
				PER PLOT		TOTAL	SAMPLE						
				TREES		TREES	TREES						
TOTAL				24	114	4.8							
CRUISE				24	114	4.8	7,880	1.4					
DBH COUNT													
REFOREST													
COUNT													
BLANKS													
100 %													
STAND SUMMARY													
SAMPLE				TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET	
TREES				/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC	
DOUG FIR				109	64.8	22.7	126	38.2	181.7	41,494	41,382	8,622	8,622
DOUG FIR-S				3	2.1	20.9	73	1.1	5.0				
R ALDER				2	1.6	19.3	79	0.8	3.3	322	322	102	102
TOTAL				114	68.5	22.5	123	40.0	190.0	41,816	41,704	8,725	8,725
CONFIDENCE LIMITS OF THE SAMPLE													
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR													
CL	68.1	COEFF		SAMPLE TREES - BF					# OF TREES REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH			5	10	15		
DOUG FIR		57.5	5.5	887	938	990							
DOUG FIR-S													
R ALDER		14.1	13.2	174	200	226							
TOTAL		61.8	5.8	849	901	953	153	38	17				
CL	68.1	COEFF		SAMPLE TREES - CF					# OF TREES REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH			5	10	15		
DOUG FIR		51.4	4.9	182	191	200							
DOUG FIR-S													
R ALDER		35.9	33.6	43	65	87							
TOTAL		55.5	5.2	174	184	193	123	31	14				
CL	68.1	COEFF		TREES/ACRE					# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH			5	10	15		
DOUG FIR		86.0	17.9	53	65	76							
DOUG FIR-S		296.3	61.7	1	2	3							
R ALDER		343.1	71.5	0	2	3							
TOTAL		80.2	16.7	57	69	80	268	67	30				
CL	68.1	COEFF		BASAL AREA/ACRE					# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH			5	10	15		
DOUG FIR		36.1	7.5	168	182	195							
DOUG FIR-S		270.3	56.3	2	5	8							
R ALDER		338.8	70.6	1	3	6							
TOTAL		33.6	7.0	177	190	203	47	12	5				
CL	68.1	COEFF		NET BF/ACRE					# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH			5	10	15		
DOUG FIR		34.0	7.1	38,451	41,382	44,313							
DOUG FIR-S													
R ALDER		339.3	70.7	94	322	550							
TOTAL		33.2	6.9	38,820	41,704	44,588	46	11	5				
CL	68.1	COEFF		NET CUFT FT/ACRE					# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH			5	10	15		
DOUG FIR		34.2	7.1	8,008	8,622	9,237							
DOUG FIR-S													

TC PSTATS				PROJECT STATISTICS				PAGE	2	
				PROJECT		RAPREIM		DATE	3/17/2026	
TWP	RGE	SC	TRACT	TYPE	ACRES		PLOTS	TREES	CuFt	BdFt
T1S	R6	28	U1	00MC	115.00		24	114	S	W
CL	68.1		COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
R ALDER			340.8	71.0	30	102	175			
TOTAL			33.3	6.9	8,119	8,725	9,330	46	12	5

T		Species, Sort Grade - Board Foot Volumes (Type)										Page		1											
TSPCSTGR		Project: RAPREIM										Date		3/17/2026											
												Time		3:39:00PM											
TT1S RR6W S28 T00MC														TT1S RR6W S28 T00MC											
Twp		Rge		Sec		Tract		Type		Acres		Plots		Sample Trees		CuFt		BdFt							
T1S		R6W		28		U1		00MC		115.00		24		114		S		W							
S So Gr T rt ad				%		Bd. Ft. per Acre Def% Gross Net		Total Net MBF		Percent Net Board Foot Volume								Average Log				Logs Per /Acre			
				Net BdFt						Log Scale Dia. 4-5 6-11 12-16 17+				Log Length 12-20 21-30 31-35 36-99				Ln Dia Bd CF/ Ft In Ft Lf							
DF				CU														9 8 0.00				4.3			
DF				2M		81		.3 33,729 33,632		3,868		38 62				100				40 17 467 2.27				72.0	
DF				3M		16		.2 6,710 6,696		770		96 4				0 5 94				39 9 112 0.77				59.7	
DF				4M		3		1,054 1,054		121		100				27 57 15				24 6 29 0.37				36.1	
DF		Totals				99		.3 41,494 41,382		4,759		18 32 50				1 2 1 97				35 11 240 1.41				172.1	
DF		S		CU																27 11 0.00				4.5	
DF		S Totals																		27 11 0.00				4.5	
RA				CR		100		322 322		37		100				9 91				35 10 138 1.26				2.3	
RA		Totals				1		322 322		37		100				9 91				35 10 138 1.26				2.3	
Type Totals						.3		41,816 41,704		4,796		19 32 50				1 2 1 96				35 11 233 1.38				178.9	

TC		PSTNDSUM		Stand Table Summary									Page		1	
													Date:		3/17/2026	
TT1S RR6W S28 Ty00MC				115.00		Project				RAPREIM			Time:		3:39:01PM	
						Acres				115.00			Grown Year:			
S SpC	T	Tot			Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	T o t a l s			
		DBH	Sample Trees	FF 16'				Av Ht	Net Cu.Ft.				Net Bd.Ft.	Tons	Cunits	MBF
DF		8	1	86	57	4.775	1.67	4.77	4.4	20.0	.60	21	95	69	24	11
DF		9	1	86	84	3.773	1.67	3.77	7.1	30.0	.76	27	113	88	31	13
DF		14	3	89	111	4.677	5.00	9.35	19.7	88.3	5.25	184	826	604	212	95
DF		15	1	90	129	1.358	1.67	2.72	24.3	110.0	1.88	66	299	216	76	34
DF		17	2	85	116	2.115	3.33	4.23	30.3	122.5	3.65	128	518	420	147	60
DF		18	4	89	128	3.773	6.67	10.37	28.9	128.2	8.55	300	1,330	983	345	153
DF		19	4	89	136	3.386	6.67	10.16	29.9	132.5	8.65	304	1,346	995	349	155
DF		20	7	88	133	5.348	11.67	16.04	33.2	147.6	15.18	533	2,368	1,746	613	272
DF		21	4	89	137	2.772	6.67	8.32	38.4	183.3	9.10	319	1,524	1,046	367	175
DF		22	7	89	137	4.420	11.67	13.26	42.2	199.0	15.94	559	2,639	1,833	643	303
DF		23	3	88	137	1.733	5.00	5.20	46.1	211.1	6.83	239	1,098	785	275	126
DF		24	5	87	138	2.653	8.33	7.96	49.5	222.0	11.23	394	1,767	1,291	453	203
DF		25	11	88	137	5.378	18.33	16.13	54.3	250.3	24.96	876	4,039	2,870	1,007	464
DF		26	5	88	145	2.260	8.33	6.78	62.7	295.3	12.12	425	2,003	1,393	489	230
DF		27	5	88	134	2.096	8.33	6.29	62.5	292.7	11.19	393	1,840	1,287	452	212
DF		28	5	88	144	1.949	8.33	5.85	71.3	355.3	11.88	417	2,077	1,367	480	239
DF		29	5	88	143	1.817	8.33	5.45	76.7	381.3	11.91	418	2,078	1,370	481	239
DF		30	9	87	137	3.056	15.00	8.49	84.4	420.8	20.42	717	3,572	2,349	824	411
DF		31	9	88	143	2.862	15.00	8.59	87.5	433.7	21.41	751	3,724	2,462	864	428
DF		32	7	89	144	2.089	11.67	6.27	94.4	480.5	16.86	592	3,011	1,939	681	346
DF		33	2	90	147	.561	3.33	1.68	103.6	531.7	4.97	174	895	572	201	103
DF		34	1	85	158	.264	1.67	.79	111.1	563.3	2.51	88	447	289	101	51
DF		35	1	91	151	.249	1.67	.75	118.6	666.7	2.53	89	499	291	102	57
DF		37	3	87	164	.670	5.00	2.46	113.5	622.7	7.95	279	1,529	914	321	176
DF		38	2	89	144	.423	3.33	1.27	135.8	740.0	4.92	172	940	565	198	108
DF		40	1	89	155	.191	1.67	.57	156.9	853.3	2.56	90	489	295	103	56
DF		45	1	84	116	.151	1.67	.30	224.4	1050.0	1.93	68	317	222	78	36
DF		Totals	109	88	126	64.796	181.67	167.82	51.4	246.6	245.74	8,622	41,382	28,260	9,916	4,759
RA		18	1	87	75	.943	1.67	.94	48.5	180.0	1.26	46	170	145	53	20
RA		21	1	73	85	.693	1.67	1.39	40.8	110.0	1.55	57	152	179	65	18
RA		Totals	2	81	79	1.636	3.33	2.33	43.9	138.3	2.81	102	322	324	118	37
DF S		17	1	84	55	1.057	1.67									
DF S		21	1	88	70	.693	1.67									
DF S		30	1	90	138	.340	1.67									
DF S		Totals	3	86	73	2.090	5.00									
Totals		114	88	123		68.522	190.00	170.15	51.3	245.1	248.55	8,725	41,704	28,584	10,034	4,796

TC PLOGSTVB		Log Stock Table - MBF																	
TT1S RR6W S28 Ty00MC				115.00		Project: RAPREIM Acres 115.00										Page 1 Date 3/17/2026 Time 3:38:58PM			
Spp	S T	So Gr rt de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches											
								2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
DF		2M	40	3,879		3,868	81.3					445	614	1298	1148	333	28		
DF		3M	30	2		2	.0				2								
DF		3M	31	4		4	.1			4									
DF		3M	32	2		2	.1			2									
DF		3M	33	6		6	.1			4	2								
DF		3M	34	10		10	.2			10									
DF		3M	35	19		19	.4			13	5								
DF		3M	36	15		15	.3			13	3								
DF		3M	37	8		8	.2			8									
DF		3M	38	12		12	.3			12									
DF		3M	39	19		19	.4			16	3								
DF		3M	40	674		672	14.1			73	163	403	32						
DF		4M	15	1		1	.0				1								
DF		4M	16	4		4	.1			4									
DF		4M	18	2		2	.0			2									
DF		4M	19	24		24	.5			22	1								
DF		4M	20	3		3	.1			3									
DF		4M	21	7		7	.1			7									
DF		4M	22	4		4	.1			4									
DF		4M	23	2		2	.0			2									
DF		4M	24	9		9	.2			9									
DF		4M	25	3		3	.1			3									
DF		4M	26	21		21	.4			21									
DF		4M	27	6		6	.1			6									
DF		4M	28	4		4	.1			4									
DF		4M	29	12		12	.3			12									
DF		4M	30	2		2	.0			2									
DF		4M	32	4		4	.1			4									
DF		4M	33	3		3	.1			3									
DF		4M	34	4		4	.1			4									
DF		4M	35	8		8	.2			8									
DF		Totals		4,772		4,759	99.2			275	181	403	478	614	1298	1148	333	28	
RA		CR	23	3		3	8.6			3									
RA		CR	40	34		34	91.4					34							
RA		Totals		37		37	.8			3		34							
Total		All Species		4,809		4,796	100.0			278	181	437	478	614	1298	1148	333	28	

TC PSTATS				PROJECT STATISTICS					PAGE	1	
				PROJECT	RAPREIM			DATE	3/17/2026		
TWP	RGE	SC	TRACT	TYPE	ACRES		PLOTS	TREES	CuFt	BdFt	
T1S	R6	28	U2	00MC	72.00		15	61	S	W	
					TREES	ESTIMATED		PERCENT			
				PLOTS	TREES	TOTAL		SAMPLE			
					PER PLOT	TREES		TREES			
TOTAL			15	61	4.1						
CRUISE			15	61	4.1	5,733		1.1			
DBH COUNT											
REFOREST											
COUNT											
BLANKS											
100 %											
STAND SUMMARY											
SAMPLE			TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
TREES			/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
DOUG FIR			56	73.1	19.4	121	33.9	149.3	30,078	29,969	6,472
DOUG FIR-S			2	3.3	17.3	52	1.3	5.3			
R ALDER			2	2.9	18.5	84	1.2	5.3	470	470	172
WHEMLOCK			1	.4	35.0	127	0.5	2.7	579	579	126
TOTAL			61	79.6	19.4	117	37.0	162.7	31,127	31,018	6,770
CONFIDENCE LIMITS OF THE SAMPLE											
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR											
CL	68.1	COEFF	SAMPLE TREES - BF					# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15	
DOUG FIR			77.3	10.3	568	633	698				
DOUG FIR-S											
R ALDER			12.9	12.0	145	165	185				
WHEMLOCK											
TOTAL			82.1	10.5	546	610	674	269	67	30	
CL	68.1	COEFF	SAMPLE TREES - CF					# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15	
DOUG FIR			69.0	9.2	121	133	145				
DOUG FIR-S											
R ALDER			13.4	12.5	53	60	68				
WHEMLOCK											
TOTAL			73.5	9.4	117	129	141	216	54	24	
CL	68.1	COEFF	TREES/ACRE					# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15	
DOUG FIR			69.8	18.7	59	73	87				
DOUG FIR-S			279.5	74.6	1	3	6				
R ALDER			387.3	103.4		3	6				
WHEMLOCK			387.3	103.4		0	1				
TOTAL			62.2	16.6	66	80	93	165	41	18	
CL	68.1	COEFF	BASAL AREA/ACRE					# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15	
DOUG FIR			32.8	8.7	136	149	162				
DOUG FIR-S			263.9	70.5	2	5	9				
R ALDER			387.3	103.4		5	11				
WHEMLOCK			387.3	103.4		3	5				
TOTAL			27.0	7.2	151	163	174	31	8	3	
CL	68.1	COEFF	NET BF/ACRE					# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15	
DOUG FIR			33.9	9.1	27,255	29,969	32,684				
DOUG FIR-S											
R ALDER			387.3	103.4		470	956				
WHEMLOCK			387.3	103.4		579	1,177				

TC PSTATS				PROJECT STATISTICS				PAGE	2	
				PROJECT	RAPREIM			DATE	3/17/2026	
TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt
T1S	R6	28	U2	00MC		72.00	15	61	S	W
CL	68.1		COEFF	NET BF/ACRE				# OF PLOTS REQ.	INF. POP.	
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
TOTAL			29.9	8.0	28,538	31,018	33,499	38	10	4
CL	68.1		COEFF	NET CUFT FT/ACRE				# OF PLOTS REQ.	INF. POP.	
SD:	1.0		VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR			34.5	9.2	5,875	6,472	7,069			
DOUG FIR-S										
R ALDER			387.3	103.4		172	349			
WHEMLOCK			387.3	103.4		126	257			
TOTAL			29.7	7.9	6,233	6,770	7,307	38	9	4

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																
TT1S RR6W S28 Ty00MC72.00				Project: RAPREIM												Page 1				
				Acres 72.00												Date 3/17/2026				
																Time 3:43:08PM				
Spp	So T	Gr rt ad	% Net BdFt	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent of Net Board Foot Volume								Average Log				Logs Per /Acre
								Log Scale Dia.				Log Length				Ln Ft	Dia In	Bd Ft	CF/ Lf	
								4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99					
DF		CU														27	9		0.00	8.0
DF		2M	62	.6	18,809	18,700	1,346			55	45	1			99	40	16	389	1.97	48.1
DF		3M	33		9,918	9,918	714		94	6				1	99	39	9	119	0.71	83.5
DF		4M	5		1,351	1,351	97		100			20	38	21	21	27	6	38	0.41	35.1
DF Totals			97	.4	30,078	29,969	2,158		36	36	28	2	2	1	95	36	10	172	1.02	174.7
DF	S	CU														29	8		0.00	4.4
DF Totals																29	8		0.00	4.4
RA		CR	100		470	470	34		100			9			91	33	9	111	1.25	4.2
RA Totals			2		470	470	34		100			9			91	33	9	111	1.25	4.2
WH		2M	97		563	563	41			28	72				100	40	20	705	3.69	.8
WH		4M	3		16	16	1		100				100			24	8	40	0.87	.4
WH Totals			2		579	579	42		3	28	70		3		97	35	16	483	3.04	1.2
Totals				0.3	31,127	31,018	2,233		36	35	29	2	2	1	95	36	10	168	1.02	184.5

TC		PSTNDSUM		Stand Table Summary										Page		1	
														Date:		3/17/2026	
TT1S RR6W S28 Ty00MC72.00				Project		RAPREIM				Time:		3:43:09PM					
				Acres		72.00				Grown Year:							
S Sp	T	Tot			Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Net		Tons/ Acre	Cu.Ft. Acre	Net Bd.Ft. Acre	T o t a l s		
		DBH	Sample Trees	FF 16'				Av Ht	Net Cu.Ft.	Net Bd.Ft.	Tons				Cunits	MBF	
DF		9	1	87	89	6.036	2.67	6.04	10.1	60.0	1.74	61	362	125	44	26	
DF		12	1	86	96	3.395	2.67	3.40	8.8	40.0	.85	30	136	61	22	10	
DF		13	2	88	104	5.786	5.33	11.57	15.9	72.5	5.25	184	839	378	133	60	
DF		14	1	86	106	2.495	2.67	4.99	18.4	80.0	2.62	92	399	189	66	29	
DF		15	2	89	117	4.346	5.33	8.69	23.3	105.0	5.77	202	913	415	146	66	
DF		16	6	88	114	11.459	16.00	21.01	27.9	120.0	16.73	587	2,521	1,205	423	182	
DF		17	2	86	114	3.384	5.33	6.77	29.4	122.5	5.66	199	829	408	143	60	
DF		18	1	89	128	1.509	2.67	4.53	26.6	116.7	3.43	120	528	247	87	38	
DF		19	3	89	125	4.063	8.00	10.83	31.7	133.8	9.79	344	1,449	705	247	104	
DF		20	2	88	140	2.445	5.33	7.33	34.5	158.3	7.22	253	1,161	520	182	84	
DF		21	4	88	132	4.435	10.67	12.20	39.9	184.5	13.87	487	2,251	998	350	162	
DF		22	5	88	142	5.051	13.33	15.15	42.9	198.0	18.51	649	3,000	1,333	468	216	
DF		23	7	87	133	6.470	18.67	17.56	46.1	209.5	23.05	809	3,678	1,660	582	265	
DF		24	5	88	136	4.244	13.33	12.73	49.6	223.3	18.01	632	2,844	1,297	455	205	
DF		25	4	89	148	3.129	10.67	9.39	58.6	283.3	15.68	550	2,660	1,129	396	192	
DF		26	2	88	134	1.447	5.33	4.34	59.6	271.7	7.38	259	1,179	531	186	85	
DF		30	1	89	129	.543	2.67	1.63	75.6	363.3	3.51	123	592	253	89	43	
DF		31	1	86	132	.509	2.67	1.53	69.0	346.7	3.00	105	529	216	76	38	
DF		32	1	88	153	.477	2.67	1.43	97.4	506.7	3.98	139	726	286	100	52	
DF		33	1	88	148	.449	2.67	1.35	99.0	496.7	3.80	133	669	274	96	48	
DF		34	1	88	149	.423	2.67	1.27	108.0	553.3	3.91	137	702	281	99	51	
DF		36	1	85	145	.377	2.67	1.13	117.8	586.7	3.80	133	664	273	96	48	
DF		40	2	85	154	.611	5.33	1.83	132.5	730.0	6.92	243	1,338	499	175	96	
DF		Totals	56	88	121	73.082	149.33	166.69	38.8	179.8	184.46	6,472	29,969	13,281	4,660	2,158	
WH		35	1	83	127	.399	2.67	1.20	105.3	483.3	4.03	126	579	290	91	42	
WH		Totals	1	83	127	.399	2.67	1.20	105.3	483.3	4.03	126	579	290	91	42	
RA		18	1	73	87	1.509	2.67	1.51	54.5	150.0	2.26	82	226	163	59	16	
RA		19	1	73	81	1.354	2.67	2.71	33.0	90.0	2.46	89	244	177	64	18	
RA		Totals	2	73	84	2.863	5.33	4.22	40.7	111.5	4.72	172	470	340	124	34	
DF S		15	1	78	41	2.173	2.67										
DF S		21	1	87	73	1.109	2.67										
DF S		Totals	2	81	52	3.282	5.33										
Totals		61	87	117		79.626	162.67	172.11	39.3	180.2	193.22	6,770	31,018	13,912	4,874	2,233	

TC		PLOGSTVB		Log Stock Table - MBF																	
TT1S RR6W S28 Ty00MC				72.00		Project:		RAPREIM										Page		1	
						Acres		72.00										Date		3/17/2026	
																		Time		3:43:07PM	
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	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+	
DF		2M	20		15		15	.7							15						
DF		2M	40		1,339		1,331	61.7					217		279	576	137	122			
DF		3M	33		3		3	.1					3								
DF		3M	34		3		3	.1			3										
DF		3M	35		3		3	.1			3										
DF		3M	37		39		39	1.8			39										
DF		3M	38		6		6	.3			4	2									
DF		3M	39		7		7	.3			7										
DF		3M	40		652		652	30.2			82	138	390	26	16						
DF		4M	16		12		12	.6			2	10									
DF		4M	17		4		4	.2			4										
DF		4M	20		3		3	.2			2	1									
DF		4M	21		2		2	.1			2										
DF		4M	24		7		7	.3			7										
DF		4M	26		5		5	.2			5										
DF		4M	27		2		2	.1			2										
DF		4M	28		3		3	.1			3										
DF		4M	29		6		6	.3			6										
DF		4M	30		12		12	.6			12										
DF		4M	31		2		2	.1			2										
DF		4M	32		15		15	.7			15										
DF		4M	35		3		3	.1			3										
DF		4M	37		12		12	.6			12										
DF		4M	39		8		8	.4			8										
DF		Totals			2,166		2,158	96.6			225	151	393	243	296	591	137	122			
RA		CR	17		3		3	8.6			3										
RA		CR	40		31		31	91.4				31									
RA		Totals			34		34	1.5			3		31								
WH		2M	40		41		41	97.2							11		29				
WH		4M	24		1		1	2.8				1									
WH		Totals			42		42	1.9				1			11		29				
Total		All Species			2,241		2,233	100.0			228	152	424	243	296	603	137	151			

TC PSTATS				PROJECT STATISTICS				PAGE 1	
				PROJECT		RAPREIM		DATE 3/17/2026	
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T1S	R6	27	U3	00MC	4.00	3	15	S	W
				TREES	ESTIMATED				
				PER PLOT	TOTAL				
				TREES	TREES				
				PER PLOT	TREES				
				TREES	TREES				
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TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																	
TT1S RR6W S27 Ty00MC 4.00				Project: RAPREIM										Page 1							
				Acres 4.00										Date 3/17/2026							
														Time 3:46:16PM							
S So Gr Spp T rt ad		% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent of Net Board Foot Volume								Average Log				Logs Per /Acre		
		Def%	Gross	Net	Log Scale Dia.				Log Length				Ln Ft	Dia In	Bd Ft	CF/ Lf					
					4-5		6-11	12-16	17+	12-20	21-30	31-35					36-99				
DF	CU															8	12		0.00	6.8	
DF	2M	87	.3	43,490	43,370	173			34	66				100		40	17	458	2.20	94.6	
DF	3M	11		5,713	5,713	23		100						100		39	8	97	0.72	59.2	
DF	4M	2		603	603	2		100				8	38		54	26	7	44	0.48	13.7	
DF Totals		100	.2	49,805	49,686	199		13	29	58		0	0		99	37	13	285	1.56	174.3	
Totals			0.2	49,805	49,686	199		13	29	58		0	0		99	37	13	285	1.56	174.3	

TC		PSTNDSUM										Stand Table Summary										Page		1					
																						Date:		3/17/2026					
TT1S RR6W S27 Ty00MC					4.00					Project					RAPREIM					Time:					3:46:17PM				
										Acres					4.00					Grown Year:									
S Spc	T	Tot				Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Net		Net	Totals															
		DBH	Sample Trees	FF 16'	Av Ht				Net Cu.Ft.	Net Bd.Ft.	Tons/ Acre	Cu.Ft. Acre		Bd.Ft. Acre	Tons	Cunits	MBF												
DF		18	1	89	138	7.545	13.33	22.64	28.3	130.0	18.25	640	2,943	73	26	12													
DF		19	1	88	116	6.772	13.33	13.54	36.7	150.0	14.17	497	2,032	57	20	8													
DF		21	1	88	150	5.543	13.33	16.63	40.7	200.0	19.30	677	3,326	77	27	13													
DF		23	1	90	145	4.621	13.33	13.86	50.1	240.0	19.78	694	3,327	79	28	13													
DF		25	1	90	150	3.911	13.33	11.73	58.1	276.7	19.43	682	3,246	78	27	13													
DF		26	1	90	155	3.616	13.33	10.85	65.6	326.7	20.27	711	3,544	81	28	14													
DF		27	2	87	145	6.707	26.67	20.12	67.0	316.7	38.44	1,349	6,371	154	54	25													
DF		28	1	88	160	3.118	13.33	9.35	74.9	393.3	19.97	701	3,679	80	28	15													
DF		29	2	87	158	5.814	26.67	17.44	80.2	405.0	39.89	1,400	7,064	160	56	28													
DF		31	2	87	154	5.088	26.67	17.81	80.1	410.0	40.65	1,426	7,301	163	57	29													
DF		32	1	86	158	2.387	13.33	7.16	97.1	466.7	19.82	695	3,342	79	28	13													
DF		34	1	85	151	2.115	13.33	6.34	110.4	553.3	19.97	701	3,510	80	28	14													
DF		Totals		15	88	146	57.237	200.00	167.48	60.7	296.7	289.94	10,173	49,686	1,160	407	199												
Totals				15	88	146	57.237	200.00	167.48	60.7	296.7	289.94	10,173	49,686	1,160	407	199												

TC		PLOGSTVB		Log Stock Table - MBF																	
TT1S RR6W S27 Ty00MC4.00				Project:		RAPREIM												Page		1	
				Acres		4.00												Date		3/17/2026	
																		Time		3:46:15PM	
Spp	S T	So Gr rt de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches													
								2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+		
DF		2M	40	174		173	87.3					21		29	65	51	9				
DF		3M	38	4		4	2.0			4											
DF		3M	39	1		1	.4			1											
DF		3M	40	18		18	9.1			3	9	7									
DF		4M	12	0		0	.1			0											
DF		4M	24	1		1	.5			1											
DF		4M	40	1		1	.7				1										
DF		Totals		199		199	100.0			8	10	7	21	29	65	51	9				
Total		All Species		199		199	100.0			8	10	7	21	29	65	51	9				

Volume Summary
(Shown in MBF)
Rap Reimer
FG-341-2026-W01284-01
March 2026

UNIT 1: CC (115 ACRES)

SPECIES		2 SAW	3 SAW	4 SAW	Camp Run	TOTAL
Douglas-fir	Cruise Volume	3,868	770	121	(0)	4,759
	Hidden D&B (2%)	(77)	(15)	(2)	(0)	(94)
	NET TOTAL	3,791	755	119	(0)	4,665
	% of Total	81	16	0	0	
Red alder	Cruise Volume	(0)	(0)	(0)	37	37
	Hidden D&B (5%)	(0)	(0)	(0)	(2)	(2)
	NET TOTAL	(0)	(0)	(0)	35	35
	% of Total	(0)	(0)	(0)	100	

UNIT 2: CC (72 ACRES)

SPECIES		2 SAW	3 SAW	4 SAW	Camp Run	TOTAL
Douglas-fir	Cruise Volume	1,346	714	97	(0)	2,157
	Hidden D&B (2%)	(27)	(14)	(2)	(0)	(43)
	NET TOTAL	1,319	700	95	(0)	2,114
	% of Total	62	33	5	(0)	
Western hemlock	Cruise Volume	41	(0)	1	(0)	42
	Hidden D&B (5%)	(1)	(0)	(0)	(0)	(1)
	NET TOTAL	40	(0)	1	(0)	41
	% of Total	98	0	2	(0)	
Red alder	Cruise Volume	(0)	(0)	(0)	34	34
	Hidden D&B (5%)	(0)	(0)	(0)	(2)	(2)
	NET TOTAL	(0)	(0)	(0)	32	32
	% of Total	(0)	(0)	(0)	100	

UNIT 3: CC (4 ACRES)

SPECIES		2 SAW	3 SAW	4 SAW	Camp Run	TOTAL
Douglas-fir	Cruise Volume	173	23	2	(0)	198
	Hidden D&B (2%)	(3)	(0)	(0)	(0)	(3)
	NET TOTAL	170	23	2	(0)	195
	% of Total	88	11	1	(0)	

SALE TOTAL

SPECIES	2 SAW	3 SAW	4 SAW	Camp Run	TOTAL
Douglas-fir	5,280	1,478	216	0	6,974
Western hemlock	40	0	1	0	41
Red alder	0	0	0	67	67
TOTAL	5,320	1,478	217	67	7,082

APPROXIMATE NET ACRES		
	TRACTOR	CABLE
UNIT 1	7	108
UNIT 2	3	69
UNIT 3	4	0
TOTAL	14	177