



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Back Track
Sale FG-341-2027-W00559-01

District: Forest Grove

Date: May 19, 2026

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$2,231,675.15	\$2,150.83	\$2,233,825.98
		Project Work:	(\$194,501.00)
		Advertised Value:	\$2,039,324.98



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Back Track Sale FG-341-2027-W00559-01

District: Forest Grove

Date: May 19, 2026

Timber Description

Location:

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	22	0	98
Western Hemlock / Fir	20	0	98
Alder (Red)	19	0	95

Volume by Grade	2S	3S & 4S 6"-11"	Camprun	Total
Douglas - Fir	3,626	885	0	4,511
Western Hemlock / Fir	212	62	0	274
Alder (Red)	0	0	11	11
Total	3,838	947	11	4,796

Comments: LOCAL POND VALUES, March 2026

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

$\$194.08 = \$548.87 - \$354.79$

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

$\$55.53 = \$395 - \$339.47$

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

$\$971.66 = \$1,245.00 - \$273.34$

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):

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 & SORT FIREWOOD:

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

TOTAL OTHER COSTS (WITH PROFIT & RISK ADDED): \$9,000.00

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

SLASH TREATMENT: 14 ESTIMATED ACRES X \$250/ACRE = \$3,500

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

MOVE IN: \$6,605.27(A)

GENERAL ROAD MAINT: 8.56 miles X \$3,536.53 = 30,272.70(B) TOTAL ROAD MAINTENANCE:

$\$36,877.97 / 4,796 \text{ MBF} = \$7.69/\text{MBF}$



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Logging Conditions

Combination#: 1 Douglas - Fir 74.00%
 Western Hemlock / Fir 74.00%
 Alder (Red) 74.00%

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 26.00%
 Western Hemlock / Fir 26.00%
 Alder (Red) 26.00%

Logging System: Shovel **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: 20 **bd. ft / load:** 4600
cost / mbf: \$108.70
machines: Forwarder
 Harvester



"STEWARDSHIP IN FORESTRY"

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Back Track
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Logging Costs

Operating Seasons: 2.00	Profit Risk: 15%
Project Costs: \$194,501.00	Other Costs (P/R): \$9,000.00
Slash Disposal: \$3,500.00	Other Costs: \$0.00

Miles of Road

Road Maintenance: \$7.69

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
Noble Fir	\$0.00	2.0	4.0
Alder (Red)	\$0.00	3.0	3.0



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Back Track Sale FG-341-2027-W00559-01

District: Forest Grove

Date: May 19, 2026

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
\$135.21	\$7.84	\$1.83	\$88.55	\$1.88	\$35.30	\$0.73	\$2.00	\$0.00	\$273.34
Western Hemlock / Fir									
\$135.21	\$7.84	\$1.83	\$159.38	\$1.88	\$45.92	\$0.73	\$2.00	\$0.00	\$354.79
Alder (Red)									
\$135.21	\$8.07	\$1.83	\$145.83	\$1.88	\$43.92	\$0.73	\$2.00	\$0.00	\$339.47

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$756.27	\$482.93	\$0.00
Western Hemlock / Fir	\$0.00	\$548.87	\$194.08	\$0.00
Alder (Red)	\$0.00	\$535.00	\$195.53	\$0.00



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Back Track
Sale FG-341-2027-W00559-01

District: Forest Grove

Date: May 19, 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	4,511	\$482.93	\$2,178,497.23
Western Hemlock / Fir	274	\$194.08	\$53,177.92
Alder (Red)	11	\$195.53	\$2,150.83

Gross Timber Sale Value

Recovery: \$2,233,825.98

Prepared By: Adrian Torres

Phone: 503-357-2191

TIMBER SALE SUMMARY
Back Track
#FG-341-2027-W00559-01

1. **Location:** Portions of Section 35, T3N, R6W, W.M., Washington County, Oregon.
2. **Type of Sale:** This Timber Sale Area is 107 acres. It consists of a single Clearcut Unit. 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 May of 2026. For more information, see Cruise Report.
6. **Timber Description:** The Timber Sale Area consists of a well-stocked, 75-78 year-old stand of Douglas-fir with minor components of western hemlock, noble fir, western redcedar, and red alder. This timber stand has an average of 206 ft² of basal area and an average Douglas-fir DBH of 22 inches. The estimated average net Douglas-fir volume is approximately 42.2 MBF per acre.
7. **Topography and Logging Method:** Slopes within the Timber Sale Area range from 5% to 80% with variable aspects. The Timber Sale Area is 26% ground-based Yarding and 74% cable-based Yarding. The average horizontal skid trail length is 300 feet, and the maximum is approximately 700 feet. The average cable Yarding road length is 400 feet, and the maximum is approximately 1,100 feet.
8. **Access:** Access to the Timber Sale Area is on surfaced roads. From Forest Grove, travel north on Highway 47 through Banks then merge onto Highway 26 westbound and continue for approximately 11.5 miles to Timber Road. Turn left and continue on Timber Road for 3 miles to Cochran Road. Turn right and continue on Cochran Road for 3.8 miles to Round Top Road. Turn left and continue on Round Top Road for 0.3 miles to Gold Miners Spur. Turn right and continue on Gold Miners Spur for 3.5 miles to Bell Camp Road. Turn right and continue on Bell Camp Road for 1 mile to an unnamed spur. Turn right on the unnamed spur and make an immediate left at the next unnamed spur. Continue on the unnamed spur for 0.1 miles to reach the southern portion of the Timber Sale Area.
9. **Projects:**

Project No. 1: Rocked Road Construction	\$86,989.32
Project No. 2: Road Improvement, Surface Rock Replacement, & Maintenance	\$107,511.68
Total Credit for all Projects	\$194,501.00

PROJECT COST SUMMARY SHEET

Timber Sale: Back Track
Sale Number: FG-341-2027-W00559-01

PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

	Road Segment	Length	Cost
	D to E	3+35	\$12,033.27
	F to G	5+30	\$14,997.98
	H to I	4+60	\$11,401.34
	J to K	18+70	\$45,821.98
		31+95 stations	
		0.61 miles	
Total Rock =	369 cy	1½" - 0	
	2,858 cy	Jaw-run	
		Move-in =	\$2,734.75

TOTAL PROJECT COST = \$86,989.32

PROJECT NO. 2: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

	Road Segment	Length	Cost
	A to B	338+05	\$27,857.79
	B to C	70+80	\$76,273.97
		408+85 stations	
		7.74 miles	
Total Rock =	255 cy	1½" - 0	
	3,050 cy	Jaw-run	
		Move-in =	\$3,379.92

TOTAL PROJECT COST = \$107,511.68

TOTAL CREDITS = \$194,501.00

SUMMARY OF CONSTRUCTION COST

Timber Sale: Back Track

Sale Number: FG-341-2027-W00559-01

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

Equipment	Total
Brush Cutter	\$417.48
Grader	\$436.45
Loader (Med. & Large)	\$442.48
Roller (smooth/grid) & Compactor	\$417.48
Excavator (Large) - Equipment Cleaning	\$1,840.07
Dozer (Large) - Equipment Cleaning	\$1,840.07
Dump Truck (10cy +)	\$376.22
Water Truck (2,500 Gal)	\$344.42
TOTAL MOVE-IN COSTS =	\$6,114.67

SUMMARY OF CONSTRUCTION COST

Timber Sale: Back Track
 Road Segment: A to B

Sale Number: FG-341-2027-W00559-01
 Improvement: 338+05 stations
6.40 miles

PROJECT NO. 2: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	3.88	ac @ \$1,353.60 per ac =	\$5,251.97
Roadside brushing	6.86	mi @ \$1,100.00 per mi =	\$7,546.00
Construct/ clean settling pond	6	ea @ \$27.50 per ea =	\$165.00
Haul waste material	8	cy @ \$1.94 per cy =	\$15.52
Shape and compact waste material	8	cy @ \$0.40 per cy =	\$3.20
Grade, ditch, & roll	338.05	sta @ \$36.00 per sta =	\$12,169.80

TOTAL IMPROVEMENT COSTS = \$25,151.49

EROSION CONTROL

Grass seed & fertilizer	3.88	ac @ \$697.50 per ac =	\$2,706.30
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TOTAL EROSION CONTROL COSTS = \$2,706.30

TOTAL PROJECT COST = \$27,857.79

SUMMARY OF CONSTRUCTION COST

Timber Sale: Back Track
Road Segment: B to C

Sale Number: FG-341-2027-W00559-01
Improvement: 70+80 stations
1.34 miles

PROJECT NO. 2: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.81	ac @	\$1,692.00 per ac =	\$1,370.52
Roadside brushing	1.34	mi @	\$1,405.60 per mi =	\$1,883.50
Clean culvert inlet & outlet, scatter waste	3	ea @	\$27.50 per ea =	\$82.50
Improve turnout	4	ea @	\$36.30 per ea =	\$145.20
Improve turnaround	1	ea @	\$45.50 per ea =	\$45.50
Approach to landing	1.10	sta @	\$347.00 per sta =	\$381.70
Construct roadside landing	3	ea @	\$181.50 per ea =	\$544.50
Excavate, place and compact fill	500	cy @	\$4.54 per cy =	\$2,270.00
Improve landing	2	ea @	\$121.00 per ea =	\$242.00
Grade, ditch, & roll	70.80	sta @	\$41.00 per sta =	\$2,902.80

TOTAL IMPROVEMENT COSTS = \$9,868.22

CULVERTS

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

TOTAL CULVERT COSTS = \$699.00

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	1½" - 0	\$2.36	\$22.57	\$0.60	24	\$612.72
Subtotal =					24	\$612.72
Surfacing rock						
Surfacing rock	Jaw-run	\$14.75	\$3.25	\$1.40	2,164	\$41,981.60
Surfacing rock	Jaw-run	\$14.75	\$3.25	\$1.40	47	\$911.80
Rock berm	1½" - 0	\$2.36	\$22.57	\$1.40	7	\$184.31
Junction	Jaw-run	\$14.75	\$3.25	\$1.40	72	\$1,396.80
Turnout	Jaw-run	\$14.75	\$3.25	\$1.40	56	\$1,086.40
Turnaround	Jaw-run	\$14.75	\$3.25	\$1.40	10	\$194.00
Traction rock	1½" - 0	\$2.36	\$22.57	\$1.40	338	\$8,899.54
Approach to landing	Jaw-run	\$14.75	\$3.25	\$1.40	34	\$659.60
Roadside landing	Jaw-run	\$14.75	\$3.25	\$1.40	285	\$5,529.00
Landing	Jaw-run	\$14.75	\$3.25	\$1.40	190	\$3,686.00
Subtotal =					3,203	\$64,529.05

Totals	All Rock =	3,227
	1½" - 0	369
	Jaw-run	2,858

TOTAL ROCK COSTS = \$65,141.77

EROSION CONTROL

Grass seed & fertilizer	0.81	ac @	\$697.50 per ac =	\$564.98
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TOTAL EROSION CONTROL COSTS = \$564.98

TOTAL PROJECT COST = \$76,273.97

SUMMARY OF CONSTRUCTION COST

Timber Sale: Back Track
 Road Segment: D to E

Sale Number: FG-341-2027-W00559-01
 Construction: 3+35 stations
0.06 miles

PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.38	ac @	\$1,692.00 per ac =	\$642.96
Balanced road construction	3.35	sta @	\$120.00 per sta =	\$402.00
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Roadside landing	1	ea @	\$181.50 per ea =	\$181.50
Landing	1	ea @	\$345.40 per ea =	\$345.40
Grade, ditch, & roll	3.35	sta @	\$41.00 per sta =	\$137.35

TOTAL CONSTRUCTION COSTS = \$1,800.21

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Surfacing rock						
Base rock	Jaw-run	\$14.75	\$2.63	\$1.40	218	\$4,094.04
Junction	Jaw-run	\$14.75	\$2.63	\$1.40	24	\$450.72
Turnaround	Jaw-run	\$14.75	\$2.63	\$1.40	20	\$375.60
Roadside landing	Jaw-run	\$14.75	\$2.63	\$1.40	95	\$1,784.10
Landing	Jaw-run	\$14.75	\$2.63	\$1.40	180	\$3,380.40
Subtotal =					537	\$10,084.86

Totals

All Rock =	537
Jaw-run	537

TOTAL ROCK COSTS = \$10,084.86

EROSION CONTROL

Grass seed & fertilizer	0.19	ac @	\$780.00 per ac =	\$148.20
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TOTAL EROSION CONTROL COSTS = \$148.20

TOTAL PROJECT COST = \$12,033.27

SUMMARY OF CONSTRUCTION COST

Timber Sale: Back Track
Road Segment: F to G

Sale Number: FG-341-2027-W00559-01
Construction: 5+30 stations
0.10 miles

PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.61	ac @	\$1,692.00 per ac =	\$1,032.12
Balanced road construction	5.30	sta @	\$120.00 per sta =	\$636.00
Turnout	1	ea @	\$72.60 per ea =	\$72.60
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Landing	1	ea @	\$345.40 per ea =	\$345.40
Grade, ditch, & roll	5.30	sta @	\$41.00 per sta =	\$217.30

TOTAL CONSTRUCTION COSTS = \$2,394.42

CULVERTS

Culverts and Bands				
18" Diameter	40	lf @	\$22.10 per lf =	\$884.00
18" Band	1	ea @	\$32.00 per ea =	\$32.00
Markers & Stakes				
Culvert markers	1	ea @	\$12.00 per ea =	\$12.00

TOTAL CULVERT COSTS = \$928.00

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Surfacing rock						
Base rock	Jaw-run	\$14.75	\$2.97	\$1.40	345	\$6,596.40
Junction	Jaw-run	\$14.75	\$2.97	\$1.40	24	\$458.88
Turnout	Jaw-run	\$14.75	\$2.97	\$1.40	29	\$554.48
Turnaround	Jaw-run	\$14.75	\$2.97	\$1.40	20	\$382.40
Landing	Jaw-run	\$14.75	\$2.97	\$1.40	180	\$3,441.60
Subtotal =					598	\$11,433.76

Totals	All Rock =	598
	Jaw-run	598

TOTAL ROCK COSTS = \$11,433.76

EROSION CONTROL

Grass seed & fertilizer	0.31	ac @	\$780.00 per ac =	\$241.80
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TOTAL EROSION CONTROL COSTS = \$241.80

TOTAL PROJECT COST = \$14,997.98

SUMMARY OF CONSTRUCTION COST

Timber Sale: Back Track
Road Segment: H to I

Sale Number: FG-341-2027-W00559-01
Construction: 4+60 stations
0.09 miles

PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.53	ac @	\$1,692.00 per ac =	\$896.76
Balanced road construction	4.60	sta @	\$120.00 per sta =	\$552.00
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	4.60	sta @	\$41.00 per sta =	\$188.60

TOTAL CONSTRUCTION COSTS = \$1,970.36

CULVERTS

Culverts and Bands				
18" Diameter	30	lf @	\$22.10 per lf =	\$663.00
Markers & Stakes				
Culvert markers	1	ea @	\$12.00 per ea =	\$12.00

TOTAL CULVERT COSTS = \$675.00

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Surfacing rock						
Base rock	Jaw-run	\$14.75	\$3.36	\$1.40	299	\$5,833.49
Junction	Jaw-run	\$14.75	\$3.36	\$1.40	24	\$468.24
Turnaround	Jaw-run	\$14.75	\$3.36	\$1.40	20	\$390.20
Landing	Jaw-run	\$14.75	\$3.36	\$1.40	95	\$1,853.45
				Subtotal =	438	\$8,545.38

Totals	All Rock =	438
	Jaw-run	438

TOTAL ROCK COSTS = \$8,545.38

EROSION CONTROL

Grass seed & fertilizer	0.27	ac @	\$780.00 per ac =	\$210.60
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TOTAL EROSION CONTROL COSTS = \$210.60

TOTAL PROJECT COST = \$11,401.34

SUMMARY OF CONSTRUCTION COST

Timber Sale: Back Track
Road Segment: J to K

Sale Number: FG-341-2027-W00559-01
Construction: 18+70 stations
0.35 miles

PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	2.15	ac @	\$1,692.00 per ac =	\$3,637.80
Balanced road construction	18.70	sta @	\$120.00 per sta =	\$2,244.00
Turnout	2	ea @	\$72.60 per ea =	\$145.20
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Roadside landing	3	ea @	\$181.50 per ea =	\$544.50
Landing	1	ea @	\$345.40 per ea =	\$345.40
Grade, ditch, & roll	18.70	sta @	\$41.00 per sta =	\$766.70

TOTAL CONSTRUCTION COSTS = \$7,774.60

CULVERTS

Culverts and Bands				
18" Diameter	90	lf @	\$22.10 per lf =	\$1,989.00
Markers & Stakes				
Culvert markers	3	ea @	\$12.00 per ea =	\$36.00

TOTAL CULVERT COSTS = \$2,025.00

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Surfacing rock						
Base rock	Jaw-run	\$14.75	\$3.14	\$1.40	799	\$15,412.71
Base rock	Jaw-run	\$14.75	\$3.14	\$1.40	111	\$2,141.19
Surfacing rock	1½" - 0	\$2.36	\$22.47	\$1.40	255	\$6,688.65
Junction	Jaw-run	\$14.75	\$3.14	\$1.40	24	\$462.96
Turnout	Jaw-run	\$14.75	\$3.14	\$1.40	58	\$1,118.82
Turnaround	Jaw-run	\$14.75	\$3.14	\$1.40	20	\$385.80
Roadside landing	Jaw-run	\$14.75	\$3.14	\$1.40	285	\$5,497.65
Landing	Jaw-run	\$14.75	\$3.14	\$1.40	180	\$3,472.20
Subtotal =					1,732	\$35,179.98

Totals

All Rock =	1,732
1½" - 0	255
Jaw-run	1,477

TOTAL ROCK COSTS = \$35,179.98

EROSION CONTROL

Grass seed & fertilizer	1.08	ac @	\$780.00 per ac =	\$842.40
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TOTAL EROSION CONTROL COSTS = \$842.40

TOTAL PROJECT COST = \$45,821.98

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Back Track
Sale Number: FG-341-2027-W00559-01
Stockpile Name: Rock Creek Ridge
1 1/2" - 0: 624 cy (truck measure)
Total truck yardage: 624 cy

<u>Move-in</u>					
Move in loader					\$811.72
Move in dump trucks					\$101.55
				Subtotal =	\$913.27
				Per CY =	\$1.46/cy
<u>1 1/2"-0 Base Cost</u>					
Load dump truck	\$0.90	/ cy x	624	cy =	\$561.60
				Subtotal =	\$561.60
				Per CY =	\$0.90

1 1/2"-0 Cost = \$2.36/cy

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Back Track
Sale Number: FG-341-2027-W00559-01
Quarry Name: Bell Bottom

4"-0 Jaw-run: 5,908 cy (truck measure)
Total truck yardage: 5,908 cy
Total in place yardage: 5,980 cy

Oversize - Pile: 5%
Swell: 130%
Compaction: 116%
Screening Loss: 20%

Move-in & Other Base Cost

Equipment cleaning & move in excavator	\$2,172.53
Equipment cleaning & move in dozer	\$2,152.92
Move in & setup drill	\$718.49
Move in loader	\$1,033.29
Move in & setup crusher	\$2,692.92
Move in Dump Trucks	\$373.95
18" diameter culvert	\$1,326.00
Culvert band	\$22.10
Clean up quarry	\$500.00
Subtotal =	<u>\$10,992.20</u>
Per CY =	<u>\$1.86/cy</u>

Jaw-run Base Cost

Drill & shoot	<u>\$3.10</u>	/ cy x	<u>5,980</u>	cy =	\$18,538.00
Push rock	<u>\$0.80</u>	/ cy x	<u>7,774</u>	cy =	\$6,219.20
Oversize - Pile	<u>\$0.80</u>	/ cy x	<u>389</u>	cy =	\$311.20
Load crusher	<u>\$0.90</u>	/ cy x	<u>7,385</u>	cy =	\$6,646.50
Screen rock	<u>\$3.20</u>	/ cy x	<u>7,385</u>	cy =	\$23,632.00
Waste reject	<u>\$0.90</u>	/ cy x	<u>1,477</u>	cy =	\$1,329.30
Crush (Jaw-run)	<u>\$2.40</u>	/ cy x	<u>5,908</u>	cy =	\$14,179.20
Load dump truck	<u>\$0.90</u>	/ cy x	<u>5,908</u>	cy =	\$5,317.20
Subtotal =					<u>\$76,172.60</u>
Per CY =					<u>\$12.89/cy</u>

4"-0 Jaw-run Base Cost = **\$14.75/cy**

CRUISE REPORT
Back Track
#FG-341-2027-W00559-01

1. LOCATION:

Portions of Section 35, T3N, 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 20 inches, sampling error (SE) of 9% and a minimum of 100 grade trees.

3. SAMPLING METHOD:

The Timber Sale Area was cruised in May of 2026 with a total of 39 variable radius grade plots using a 40 BAF prism. Plots were laid out in a 5 chain x 3 chain grid. Plots falling on or near existing roads or no-harvest areas were offset 1 chain.

4. CRUISE RESULTS:

269 trees were measured and graded producing a standard error of 10.6% on the Douglas-fir Basal Area and 11.5% 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 05-19-2026

Reviewed by: Mark Savage 05-19-2026
Date

TC PSTATS				PROJECT STATISTICS					PAGE	1		
				PROJECT	BCKTRACK					DATE	5/7/2026	
TWP	RGE	SC	TRACT	TYPE		ACRES		PLOTS	TREES	CuFt	BdFt	
T3N	R6	34	00U1	00CC		107.00		39	283	S	W	
				PLOTS		TREES	TREES	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES			
TOTAL			39	283	7.3							
CRUISE			39	283	7.3	8,684		3.3				
DBH COUNT												
REFOREST												
COUNT												
BLANKS												
100 %												
STAND SUMMARY												
SAMPLE TREES			TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC	
DOUG FIR			249	71.5	22.2	126	40.7	191.8	43,191	43,021	8,999	
DOUG FIR-S			13	3.9	19.3	92	1.8	8.0				
NOB FIR			9	2.8	23.2	127	1.7	8.3	1,856	1,856	386	
WHEMLOCK			7	2.1	19.8	110	1.0	4.5	762	761	187	
WHEMLOCK-S			1	.0	22.0	76	0.0	.1				
R ALDER			4	.7	19.0	69	0.3	1.4	115	115	34	
TOTAL			283	81.2	22.0	123	45.7	214.1	45,922	45,752	9,606	
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		67.4	4.3	819	855	892						
DOUG FIR-S												
NOB FIR		46.6	16.5	791	947	1,103						
WHEMLOCK		44.3	18.0	452	551	651						
WHEMLOCK-S												
R ALDER		36.1	20.6	103	130	157						
TOTAL		73.3	4.4	763	798	833	215	54	24			
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		61.9	3.9	166	173	180						
DOUG FIR-S												
NOB FIR		43.4	15.3	163	193	222						
WHEMLOCK		39.0	15.9	103	123	142						
WHEMLOCK-S												
R ALDER		26.6	15.2	35	41	48						
TOTAL		67.7	4.0	156	162	169	183	46	20			
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		91.1	14.6	61	72	82						
DOUG FIR-S		327.7	52.4	2	4	6						
NOB FIR		305.3	48.8	1	3	4						
WHEMLOCK		369.6	59.1	1	2	3						
WHEMLOCK-S		624.5	99.9	0	0	0						
R ALDER		481.3	77.0	0	1	1						
TOTAL		84.5	13.5	70	81	92	285	71	32			
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		66.2	10.6	171	192	212						
DOUG FIR-S		340.6	54.5	4	8	12						
NOB FIR		294.3	47.1	4	8	12						
WHEMLOCK		344.2	55.1	2	4	7						

TC PSTATS				PROJECT STATISTICS				PAGE	2	
				PROJECT		BCKTRACK		DATE	5/7/2026	
TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt
T3N	R6	34	00U1	00CC		107.00	39	283	S	W
CL	68.1		COEFF	BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
WHEMLOCK-S			624.5	99.9	0	0	0			
R ALDER			480.7	76.9	0	1	2			
TOTAL			65.6	10.5	192	214	237	172	43	19
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			72.1	11.5	38,060	43,021	47,982			
DOUG FIR-S										
NOB FIR			312.1	49.9	929	1,856	2,782			
WHEMLOCK			339.6	54.3	347	761	1,174			
WHEMLOCK-S										
R ALDER			520.7	83.3	19	115	210			
TOTAL			73.5	11.8	40,370	45,752	51,134	216	54	24
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			70.5	11.3	7,984	8,999	10,015			
DOUG FIR-S										
NOB FIR			308.7	49.4	195	386	576			
WHEMLOCK			346.8	55.5	83	187	290			
WHEMLOCK-S										
R ALDER			509.8	81.6	6	34	62			
TOTAL			72.2	11.6	8,496	9,606	10,717	208	52	23

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																	
TT3N RR6W S34 Ty00CC107.00				Project: BCKTRACK												Page 1					
				Acres 107.00												Date 5/7/2026					
																Time 10:55:50AM					
S T		So 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															10	18		0.00	1.5
DF		2M		80	.4	34,737	34,583	3,700			33	67	0			100	40	17	468	2.28	73.9
DF		3M		17	.2	7,367	7,352	787		98	2		0	1	5	94	39	8	101	0.69	72.8
DF		4M		3		1,086	1,086	116		100			22	51	14	14	24	6	32	0.38	34.4
DF		Totals		94	.4	43,191	43,021	4,603		19	27	54	1	1	1	97	36	11	236	1.36	182.5
DF		S		CU													30	10		0.00	9.0
DF		Totals															30	10		0.00	9.0
WH		2M		66	.2	509	509	54			63	37				100	40	14	310	1.76	1.6
WH		3M		31		232	232	25		100					16	84	38	8	92	0.69	2.5
WH		4M		3		20	20	2		100			50	50			17	6	24	0.38	.8
WH		Totals		2	.1	762	761	81		33	42	25	1	1	5	93	35	10	152	1.07	5.0
WH		S		CU													30	10		0.00	.1
WH		Totals															30	10		0.00	.1
NF		CU															8	27		0.00	.2
NF		2M		81		1,510	1,510	162			26	74				100	40	17	492	2.41	3.1
NF		3M		14		255	255	27		100					4	96	40	9	121	0.76	2.1
NF		4M		5		91	91	10		100			11	67	21		24	6	34	0.40	2.7
NF		Totals		4		1,856	1,856	199		19	22	60	1	3	2	94	34	12	231	1.41	8.0
RA		CR		100		115	115	12		100						100	40	10	160	1.20	.7
RA		Totals		0		115	115	12		100						100	40	10	160	1.20	.7
Totals					0.4	45,922	45,752	4,895		20	27	53	1	1	1	96	36	11	223	1.30	205.3

TC		PSTNDSUM											Stand Table Summary											Page		1	
																								Date:		5/7/2026	
		TT3N RR6W S34 Ty00CC				107.00				Project				BCKTRACK				Time:				10:55:51AM					
										Acres				107.00				Grown Year:									
S SpC	T	Sample		Tot		Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Net		Net	Totals													
		DBH	Trees	FF 16'	Av Ht				Net Cu.Ft.	Net Bd.Ft.	Tons/ Acre	Cu.Ft. Acre		Bd.Ft. Acre	Tons	Cunits	MBF										
DF		10	4	87	86	5.890	3.21	5.89	12.2	58.7	2.05	72	346	220	77	37											
DF		11	1	87	75	.205	.14	.21	11.2	50.0	.07	2	10	7	2	1											
DF		12	5	87	100	5.388	4.23	10.78	11.8	49.8	3.64	128	537	389	137	57											
DF		13	4	87	94	3.482	3.21	5.85	16.5	70.4	2.75	97	412	295	103	44											
DF		14	6	88	100	4.083	4.36	8.17	17.7	77.5	4.13	145	633	442	155	68											
DF		15	5	87	111	1.988	2.44	3.98	22.1	99.2	2.51	88	394	268	94	42											
DF		16	7	88	119	3.216	4.49	7.17	24.3	105.8	4.96	174	758	531	186	81											
DF		17	5	88	115	3.253	5.13	6.51	30.9	125.0	5.73	201	813	613	215	87											
DF		18	8	88	123	3.627	6.41	8.42	31.3	129.0	7.51	263	1,085	804	282	116											
DF		19	10	89	127	2.022	3.98	5.61	29.2	125.8	4.66	163	705	498	175	75											
DF		20	8	88	126	2.113	4.61	6.28	31.5	136.8	5.63	198	859	603	212	92											
DF		21	10	89	135	2.024	4.87	6.02	37.0	177.3	6.35	223	1,067	679	238	114											
DF		22	10	88	141	2.528	6.67	7.53	42.4	199.9	9.09	319	1,505	973	341	161											
DF		23	17	88	135	3.867	11.16	11.60	44.5	204.1	14.73	517	2,368	1,576	553	253											
DF		24	12	87	147	3.061	9.62	9.51	50.8	232.4	13.77	483	2,210	1,474	517	236											
DF		25	16	87	138	3.760	12.82	10.98	54.6	248.4	17.09	600	2,728	1,829	642	292											
DF		26	14	87	147	3.168	11.68	9.50	61.4	289.5	16.63	584	2,751	1,779	624	294											
DF		27	18	87	137	3.745	14.89	11.23	61.2	289.2	19.60	688	3,249	2,097	736	348											
DF		28	12	87	147	2.461	10.52	7.62	69.7	345.2	15.14	531	2,632	1,620	568	282											
DF		29	7	88	139	1.173	5.38	3.52	75.5	366.6	7.57	266	1,290	810	284	138											
DF		30	15	87	151	2.040	10.01	6.33	81.2	404.1	14.64	514	2,558	1,566	550	274											
DF		31	9	87	152	1.761	9.23	5.67	84.6	422.8	13.69	480	2,399	1,465	514	257											
DF		32	15	87	156	2.594	14.49	8.70	88.0	449.7	21.83	766	3,912	2,335	819	419											
DF		33	6	87	155	.885	5.25	3.00	91.9	460.1	7.85	276	1,380	840	295	148											
DF		34	4	86	150	.367	2.31	1.10	106.4	533.4	3.34	117	587	357	125	63											
DF		35	9	86	155	1.248	8.34	4.21	104.7	546.8	12.55	440	2,299	1,343	471	246											
DF		36	3	86	155	.435	3.08	1.45	111.3	585.0	4.60	162	849	493	173	91											
DF		37	4	85	170	.549	4.10	2.06	111.1	598.0	6.53	229	1,232	698	245	132											
DF		38	1	86	140	.130	1.03	.39	128.5	650.0	1.43	50	254	153	54	27											
DF		39	2	86	168	.247	2.05	.99	118.3	641.2	3.34	117	634	357	125	68											
DF		41	1	86	136	.112	1.03	.34	146.3	716.7	1.40	49	241	150	53	26											
DF		43	1	86	172	.102	1.03	.41	145.9	792.5	1.69	59	322	181	63	34											
DF		Totals	249	87	126	71.525	191.77	181.00	49.7	237.7	256.48	8,999	43,021	27,444	9,629	4,603											
NF		13	1	88	99	1.113	1.03	2.23	14.5	60.0	.77	32	134	83	34	14											
NF		22	1	86	146	.389	1.03	1.17	43.4	196.7	1.21	51	229	130	54	25											
NF		26	1	88	129	.278	1.03	.83	55.6	253.3	1.11	46	211	119	50	23											
NF		28	2	87	150	.480	2.05	1.68	62.5	307.1	2.52	105	516	270	112	55											
NF		30	2	86	171	.237	1.16	.92	69.4	354.2	1.53	64	326	164	68	35											
NF		32	1	85	131	.184	1.03	.55	68.3	343.3	.90	38	189	97	40	20											
NF		34	1	87	140	.163	1.03	.49	102.9	513.3	1.21	50	251	129	54	27											
NF		Totals	9	87	127	2.843	8.34	7.86	49.1	236.0	9.26	386	1,856	991	413	199											
WH		16	1	83	99	.735	1.03	1.47	25.4	100.0	1.19	37	147	128	40	16											
WH		19	1	87	105	.521	1.03	1.04	40.1	150.0	1.34	42	156	143	45	17											
WH		20	1	85	120	.470	1.03	1.41	32.4	133.3	1.46	46	188	156	49	20											
WH		24	1	94	130	.037	.12	.11	45.3	223.3	.16	5	25	17	5	3											
WH		25	1	93	132	.034	.12	.10	51.0	253.3	.17	5	26	18	6	3											
WH		27	2	84	122	.288	1.14	.86	60.0	253.7	1.66	52	219	177	55	23											
WH		Totals	7	85	110	2.084	4.45	5.00	37.4	152.2	5.98	187	761	639	200	81											
RA		17	1	88	61	.082	.13	.08	26.7	70.0	.06	2	6	6	2	1											
RA		19	1	87	71	.521	1.03	.52	52.6	180.0	.75	27	94	81	29	10											
RA		20	1	88	63	.059	.13	.06	40.4	120.0	.07	2	7	7	3	1											

TC		PSTNDSUM		Stand Table Summary										Page		2		
														Date:		5/7/2026		
TT3N RR6W S34 Ty00CC				107.00		Project		BCKTRACK				Time:		10:55:51AM				
						Acres		107.00				Grown Year:						
S Sp	T	Sample		Tot		Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Net Cu.Ft. Acre	Net Bd.Ft. Acre	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	T o t a l s		
		DBH	Trees	FF 16'	Av Ht				Net Cu.Ft.	Net Bd.Ft.						Tons	Cunits	MBF
RA		21	1	90	66	.053	.13	.05	46.3	150.0	.07	2	8	7	3	1		
RA		Totals	4	87	69	.715	1.41	.72	48.1	160.2	.95	34	115	101	37	12		
DF S		13	1	89	100	1.113	1.03											
DF S		15	2	85	69	.954	1.17											
DF S		16	1	84	55	.104	.15											
DF S		18	1	88	115	.073	.13											
DF S		19	1	89	138	.064	.13											
DF S		20	1	87	87	.061	.13											
DF S		21	1	83	55	.426	1.03											
DF S		22	1	90	120	.389	1.03											
DF S		23	1	87	75	.355	1.03											
DF S		28	1	89	101	.030	.13											
DF S		30	1	90	150	.209	1.03											
DF S		34	1	89	150	.163	1.03											
DF S		Totals	13	87	92	3.942	7.99											
WH S		22	1	91	76	.047	.12											
WH S		Totals	1	91	76	.047	.12											
Totals		283	87	123		81.156	214.09	194.58	49.4	235.1	272.67	9,606	45,752	29,175	10,279	4,895		

TC		PLOGSTVB		Log Stock Table - MBF																	
TT3N RR6W S34 Ty00CC107.00				Project:		BCKTRACK										Page		1			
				Acres		107.00										Date		5/7/2026			
																Time		10:55:49AM			
S T Spp	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	10		10	.2										10					
DF	2M	40	3,707		3,691	80.2					433		480	1368		966	425	19			
DF	3M	18	1		1	.0					1										
DF	3M	22	1		1	.0				1											
DF	3M	25	1		1	.0				1											
DF	3M	28	1		1	.0				1											
DF	3M	29	1		1	.0				1											
DF	3M	30	2		2	.1				1	1										
DF	3M	31	3		3	.1			3												
DF	3M	32	9		9	.2			5	4											
DF	3M	33	8		8	.2			4	4											
DF	3M	34	12		12	.3			10	1											
DF	3M	35	10		10	.2			8	2											
DF	3M	36	8		8	.2			8												
DF	3M	37	5		5	.1			4	2											
DF	3M	38	4		4	.1			2	3											
DF	3M	39	13		13	.3			13	0											
DF	3M	40	708		706	15.3			176	195	320	12	4								
DF	4M	12	2		2	.0			2												
DF	4M	13	1		1	.0			0	0											
DF	4M	14	3		3	.1			2	0	1										
DF	4M	15	1		1	.0			0	1											
DF	4M	16	5		5	.1			5												
DF	4M	17	3		3	.1			2	1											
DF	4M	18	4		4	.1			4	0											
DF	4M	19	5		5	.1			4	1											
DF	4M	20	2		2	.0			2												
DF	4M	21	5		5	.1			4	1											
DF	4M	22	7		7	.2			7	1											
DF	4M	23	7		7	.1			7												
DF	4M	24	4		4	.1			2	2											
DF	4M	25	5		5	.1			5												
DF	4M	26	4		4	.1			4												
DF	4M	27	9		9	.2			8	1											
DF	4M	28	6		6	.1			6												
DF	4M	29	8		8	.2			8												
DF	4M	30	3		3	.1			3												

TC		PLOGSTVB		Log Stock Table - MBF																	
TT3N RR6W S34 Ty00CC 107.00				Project: BCKTRACK												Page 2					
				Acres 107.00												Date 5/7/2026					
																Time 10:55:49AM					
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		4M	31		7		7	.1			7										
DF		4M	32		2		2	.1			2										
DF		4M	34		5		5	.1			5										
DF		4M	35		2		2	.0			2										
DF		4M	37		16		16	.3			16										
DF		Totals			4,621		4,603	94.0			341	223	322	445	484	1368	975	425	19		
WH		2M	40		55		54	66.8					20	15	20						
WH		3M	32		4		4	4.8			4										
WH		3M	40		21		21	25.7			3	5	13								
WH		4M	14		1		1	1.2			1										
WH		4M	15		0		0	.1			0										
WH		4M	21		1		1	1.0			1										
WH		4M	27		0		0	.1			0										
WH		4M	28		0		0	.1			0										
WH		Totals			82		81	1.7			9	5	13	20	15	20					
NF		2M	40		162		162	81.4					18	15	62	50	18				
NF		3M	34		1		1	.6			1										
NF		3M	40		26		26	13.1			11	15									
NF		4M	16		1		1	.3			1										
NF		4M	17		1		1	.3				1									
NF		4M	23		4		4	1.8			4										
NF		4M	24		1		1	.5			1										
NF		4M	25		1		1	.4			1										
NF		4M	26		1		1	.5			1										
NF		4M	29		0		0	.1			0										
NF		4M	35		2		2	1.0			2										
NF		Totals			199		199	4.1			9	13	15	18	15	62	50	18			
RA		CR	40		12		12	100.0			1	1	11								
RA		Totals			12		12	.3			1	1	11								
Total		All Species			4,914		4,895	100.0			360	241	362	482	513	1450	1025	442	19		

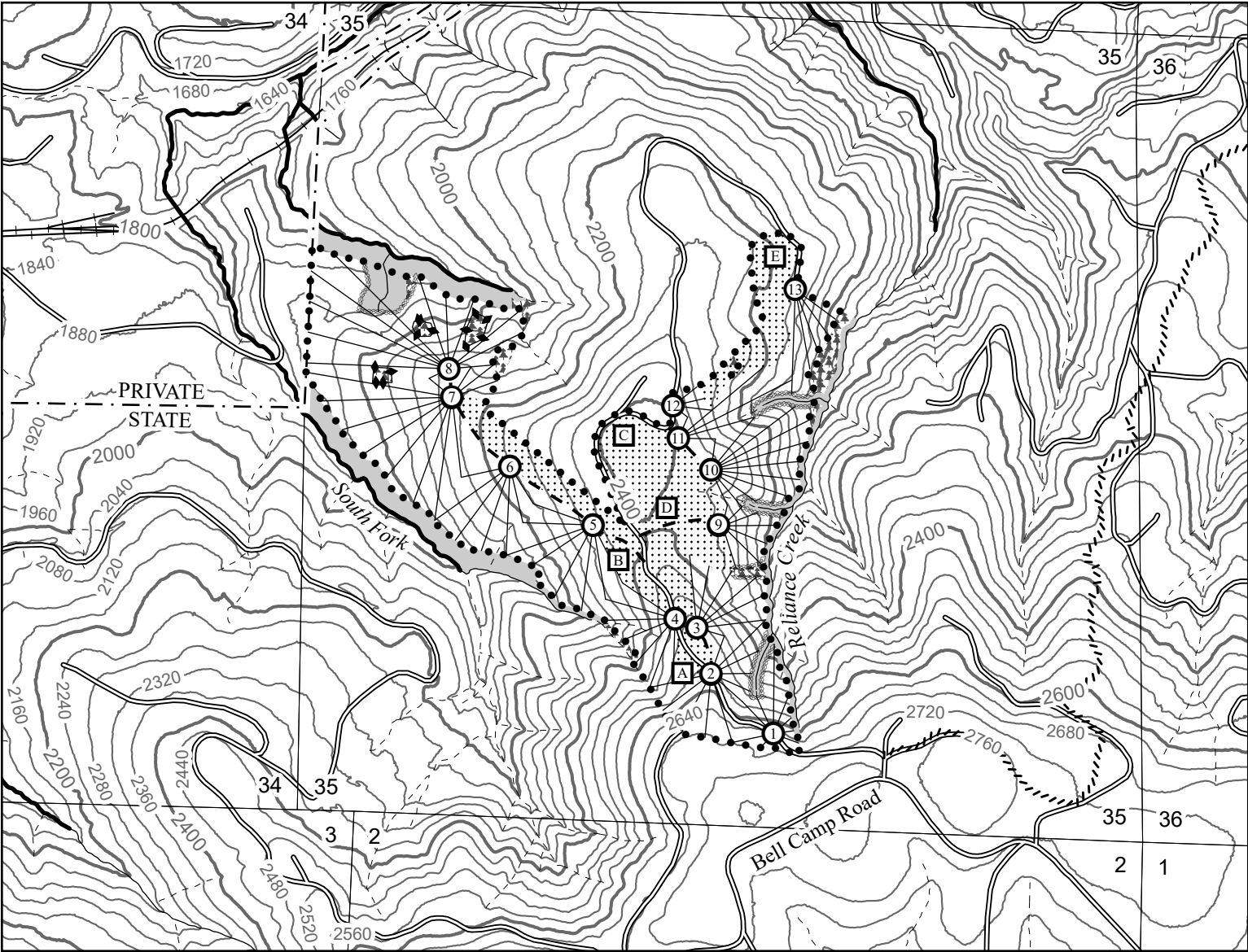
Volume Summary
(Shown in MBF)
Back Track
FG-341-2027-W00559-01
May 2026

UNIT 1: CC (107 ACRES)

SPECIES		2 SAW	3 SAW	4 SAW	CAMP RUN	TOTAL
Douglas-fir	Cruise Volume	3,700	787	116	0	4,603
	Hidden D&B (2%)	(74)	(16)	(2)	(0)	(92)
	NET TOTAL	3,626	771	114	0	4,511
	% of Total	80	17	3	0	
Western hemlock	Cruise Volume	54	25	2	0	81
	Hidden D&B (2%)	(1)	(1)	(0)	(0)	(2)
	NET TOTAL	53	24	2	0	79
	% of Total	67	30	3	0	
Noble fir	Cruise Volume	162	27	10	0	199
	Hidden D&B (2%)	(3)	(1)	(0)	(0)	(4)
	NET TOTAL	159	26	10	0	195
	% of Total	82	13	5	0	
Red alder	Cruise Volume	0	0	0	12	12
	Hidden D&B (5%)	(0)	(0)	(0)	(1)	(1)
	NET TOTAL	0	0	0	11	11
	% of Total	0	0	0	100	

SALE TOTAL

SPECIES	2 SAW	3 SAW	4 SAW	CAMP RUN	TOTAL
Douglas-fir	3,626	771	114	0	4,511
Western hemlock	53	24	2	0	79
Noble fir	159	26	10	0	195
Red alder	0	0	0	11	11
Total	3,838	821	126	11	4,796



- Legend**
- • • Timber Sale Boundary
 - Posted Stream Buffer Boundary
 - ◆◆◆ Reserve Tree Area Boundary
 - - - ODF Ownership Boundary
 - Surfaced Road
 - == == Unsurfaced Road
 - - - New Road Construction
 - ////// Recreational Trail
 - + Railroad
 - Type-F Stream
 - Type-N Stream Perennial
 - - - Type-N Stream Seasonal
 - Stream Buffer
 - ▽ Cable Yarding Area
 - Tractor Yarding Area
 - Cable Landing
 - Tractor Landing
 - ▨ Reserve Tree Area
 - Section Line
 - 40 Foot Contour Line
 - 200 Foot Contour Line

LOGGING PLAN

FOR TIMBER SALE CONTRACT #FG-341-2027-W00559-01
BACK TRACK
PORTIONS OF SECTION 35, T3N, R6W, W.M.,
WASHINGTON COUNTY, OREGON

Forest Grove District GIS
May, 2026

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



APPROXIMATE NET ACRES
TRACTOR CABLE

TOTAL	TRACTOR	CABLE
28	79	

1:12,000
1 inch = 1,000 feet

