



STEWARDSHIP IN FORESTRY

Timber Sale Appraisal
Big Leaves
Sale FG-341-2026-W01234-01

District: Forest Grove

Date: January 20, 2026

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$2,408,168.54	\$28,570.75	\$2,436,739.29
		Project Work:	(\$292,467.00)
		Advertised Value:	\$2,144,272.29



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Big Leaves Sale FG-341-2026-W01234-01

District: Forest Grove

Date: January 20, 2026

Timber Description

Location:

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	22	0	98
Western Hemlock / Fir	15	0	98
Red Cedar	41	0	98
Alder (Red)	14	0	95

Volume by Grade	2S	3S & 4S 6"-11"	3S	Camprun	Total
Douglas - Fir	3,614	908	0	0	4,522
Western Hemlock / Fir	92	64	0	0	156
Red Cedar	42	0	2	0	44
Alder (Red)	0	0	0	149	149
Total	3,748	972	2	149	4,871

Comments: LOCAL POND VALUES, NOVEMBER 2025

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

$\$235.30 = \$536.79 - \$301.49$

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

$\$53.75 = \$370.00 - \$316.25$

BRANDING AND PAINTING ALLOWANCE = \$2.00/MBF

FUEL COST ALLOWANCE = \$5.00/GAL

HAULING COST ALLOWANCE = \$1,250/DAY

WEYERHAEUSER ROAD MAINT & ROCKWEAR FEE: \$9,480

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

MACHINE TIME TO BLOCK/WATERBAR ROADS AND SKID TRAILS:
20 HOURS X \$200/HOUR = \$4,000

MACHINE TIME TO PILE LANDING SLASH:
15 HOURS X \$200/HOUR = \$3,000

MACHINE TIME TO PULL VINE MAPLE:
50 HOURS X \$200/HOUR = \$10,000

OTHER COSTS (WITH PROFIT & RISK ADDED): \$29,480

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

TOTAL OTHER COSTS (NO P&R) = N/A

SLASH TREATMENT: 44 ACRES X \$250/ACRE = \$11,000

ROAD MAINTENANCE (INCLUDES MOVE-IN, ROLLING & SPOT ROCKING):
MOVE IN: \$3,855.64

GENERAL ROAD MAINT: 4.37 miles X \$3,239.78 = \$14,157.84

TOTAL ROAD MAINTENANCE: \$18,013.48 / 4,871 MBF = \$3.70/MBF



"STEWARDSHIP IN FORESTRY"

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District: Forest Grove

Date: January 20, 2026

Logging Conditions

Combination#: 1	Douglas - Fir	100.00%
	Western Hemlock / Fir	100.00%
	Red Cedar	100.00%
	Alder (Red)	100.00%
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:	21	bd. ft / load: 4800
cost / mbf:	\$99.21	
machines:	Forwarder	
	Harvester	



"STEWARDSHIP IN FORESTRY"

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Big Leaves
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District: Forest Grove

Date: January 20, 2026

Logging Costs

Operating Seasons: 2.00	Profit Risk: 10%
Project Costs: \$292,467.00	Other Costs (P/R): \$29,480.00
Slash Disposal: \$11,000.00	Other Costs: \$0.00

Miles of Road

Road Maintenance: \$3.70

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
Red Cedar	\$0.00	2.0	4.8
Alder (Red)	\$0.00	2.0	3.8



Timber Sale Appraisal Big Leaves Sale FG-341-2026-W01234-01

District: Forest Grove

Date: January 20, 2026

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
\$99.21	\$3.77	\$1.80	\$88.55	\$6.05	\$19.94	\$2.26	\$2.00	\$0.00	\$223.58
Western Hemlock / Fir									
\$99.21	\$3.77	\$1.80	\$159.38	\$6.05	\$27.02	\$2.26	\$2.00	\$0.00	\$301.49
Red Cedar									
\$99.21	\$3.77	\$1.80	\$132.81	\$6.05	\$24.36	\$2.26	\$2.00	\$0.00	\$272.26
Alder (Red)									
\$99.21	\$3.88	\$1.80	\$172.69	\$6.05	\$28.36	\$2.26	\$2.00	\$0.00	\$316.25

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$737.95	\$514.37	\$0.00
Western Hemlock / Fir	\$0.00	\$536.79	\$235.30	\$0.00
Red Cedar	\$0.00	\$1,305.91	\$1,033.65	\$0.00
Alder (Red)	\$0.00	\$508.00	\$191.75	\$0.00



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Big Leaves
Sale FG-341-2026-W01234-01

District: Forest Grove

Date: January 20, 2026

Summary

Amortized

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

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	4,522	\$514.37	\$2,325,981.14
Western Hemlock / Fir	156	\$235.30	\$36,706.80
Red Cedar	44	\$1,033.65	\$45,480.60
Alder (Red)	149	\$191.75	\$28,570.75

Gross Timber Sale Value

Recovery: \$2,436,739.29

Prepared By: Colton Turner

Phone: 971-464-1676

TIMBER SALE SUMMARY
Big Leaves
#FG-341-2026-W01234-01

1. **Location:** Portions of Sections 2, 20, 21 & 23, T5N, R3W, and portions of Sections 34 & 35, T6N, R3W, W.M., Columbia County, Oregon.
2. **Type of Sale:** This timber sale is a 94 net acre Clearcut consisting of four harvest Units. Unit 1 is 6 acres, Unit 2 is 78 acres, Unit 3 is 4 acres, and Unit 4 is 6 acres. The timber will be sold on a recovery basis at a sealed bid auction.
3. **Revenue Distribution:** 100% BOF, Columbia County.
4. **Sale Acreage:** Acres are net of Stream Buffers, Reserve Tree Areas, and road prisms. Acreage was determined using ESRI ArcMap GIS Pro software.
5. **Cruise:** The Timber Sale was cruised by ODF Cruisers in October of 2025. For more information see Cruise Report.
6. **Timber Description:** The Timber Sale Area consists of 70 - 120 year old Douglas-fir stand with a white wood and hardwood component. The stand has an average of 222 ft² of basal area (all species), an average Douglas-fir DBH of 22 inches, and an estimated average net Douglas-fir volume of approximately 49.8 MBF per acre.
7. **Topography and Logging Method:** Slopes within the sale areas range from 5% to 35%, and variable in aspect. The timber sale is 100% ground-based Yarding. The average horizontal skid trail length is approximately 350 feet with a maximum of approximately 600 feet.
8. **Access:** All access to the Timber Sale Area is on surfaced roads. From Forest Grove travel north on Highway 47 through Banks. Continue on Highway 47 as it merges with Highway 26, then splits off again to the right toward Vernonia near MP 77. Continue north on Highway 47 approximately 16 miles, through Vernonia, then for another 8 miles to Apiary Road. Turn right onto Apiary Road and travel approximately 10.6 miles to the Little Clatskanie Mainline. Turn right on to Clatskanie Mainline and continue approximately 2.6 miles and turn right on unnamed spur road. To access Unit 1, continue for 500 feet and turn right on unnamed spur road and follow it for 0.8 miles and turn left onto unnamed spur road. Follow for 440 feet to enter Unit 1. To access Unit 2, continue on first unnamed spur road for 0.2 miles to access Unit 2. To Access Unit 3, continue past first unnamed spur down Little Clatskanie Mainline for 0.5 miles to enter Unit 3. To access the remaining pre-road portion of the sale, continue on Little Clatskanie Mainline for 0.6 miles until you hit the property boundary between State and Weyerhaeuser. There is one gate along this route that may require a key, which can be obtained from the Forest Grove District Office.

To access the rest of the pre-road portion of Big Leaves, From Forest Grove travel north on Highway 47 through Banks. Continue on Highway 47 as it merges with Highway 26, then splits off again to the right toward Vernonia near MP 77. Continue north on Highway 47 approximately 16 miles, through Vernonia, then for another 8 miles to Apiary Road. Turn right onto Apiary Road and travel approximately 5.9 miles on Apiary Road to Karth Road and turn right. Follow Karth Road for 3.4 miles and turn left to

access the first portion of the pre-roading. To access the second portion of the pre-roading, follow Karth Road for another 3.3 miles. To access the third portion of the pre-roading, continue along Karth Road for an additional 0.14 miles then turn left onto Old Pittsburg Road. There is one gate along this route that may require a key, which can be obtained from the Forest Grove District Office.

To access the final portion of pre-roading continue 0.33 miles on Apiary Road north of Karth Road and turn right onto unnamed spur road.

9. Projects:

Project No. 1: Dirt Road Construction	\$70,774.71
Project No. 2: Rocked Road Construction	\$63,486.97
Project No. 3: Road Improvement	\$135,485.22
Project No. 4: Stockpile Construction	\$17,945.20
Project No. 5: Road Vacating	\$4,774.90

Total Credit for all Projects	\$292,467.00
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PROJECT COST SUMMARY SHEET

Timber Sale: Big Leaves
 Sale Number: FG-341-2026-W01234-01

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

Road Segment	Length	Cost
H to I	10+75	\$6,168.91
J to K	3+90	\$2,246.40
L to M	20+00	\$11,412.90
N to O	14+40	\$8,679.50
P to Q	3+40	\$2,821.28
V to W	6+80	\$3,585.86
X to Y	3+05	\$1,820.85
II to JJ	14+30	\$8,983.24
KK to LL	1+80	\$2,029.32
MM to NN	4+90	\$2,627.02
OO to PP	7+80	\$4,803.70
QQ to RR	13+80	\$7,046.82
SS to TT	7+00	\$7,000.78
	111+90 stations 2.12 miles	

Move-in = \$1,548.13

TOTAL PROJECT COST = \$70,774.71

PROJECT NO. 2: ROCKED ROAD CONSTRUCTION

Road Segment	Length	Cost
E to F	8+80	\$22,278.74
EE to FF	18+00	\$39,819.52
	26+80 stations 0.51 miles	

Total Rock = 1,872 cy 4" - 0

Move-in = \$1,388.71

TOTAL PROJECT COST = \$63,486.97

PROJECT NO. 3: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

Road Segment	Length	Cost
A to B	203+90	\$30,918.92
C to D	16+10	\$9,988.81
F to G	33+60	\$8,922.61
R to S	12+10	\$651.97
T to U	8+10	\$7,325.58
Z to ZZ	1+30	\$4,273.53
AA to BB	313+30	\$18,513.30
CC to DD	31+40	\$30,580.37
FF to GG	13+30	\$18,414.26
HH to II	38+80	\$2,738.68
	671+90 stations 12.73 miles	

Total Rock = 200 cy 1½" - 0
 4,487 cy 4" - 0
 24 cy Riprap

Move-in = \$3,157.19

TOTAL PROJECT COST = \$135,485.22

PROJECT NO. 4: STOCKPILE CONSTRUCTION

Rock Size	Stockpile Measure	Cost
4" - 0	1,000 cy	\$17,945.20
Total Rock = 1,160 cy	4" - 0	

TOTAL PROJECT COST = \$17,945.20

PROJECT NO. 5: ROAD VACATING

Road Segment	Length	Cost
FF to ZZ	12+80	\$3,109.13
GG to V3	4+60	\$394.00
V1 to V2	21+00	\$1,160.50
	38+40 stations 0.73 miles	

Move-in = \$111.27

TOTAL PROJECT COST = \$4,774.90

TOTAL CREDITS = \$292,467.00

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves

Sale Number: FG-341-2026-W01234-01

PROJECT No. 1, 2, 3, & 4 MOVE-IN & CLEANING COSTS

Equipment	Total
Brush Cutter	\$354.23
Grader	\$370.33
Roller & Compactor	\$354.23
Excavator- Mini	\$1,234.23
Excavator - Equipment Cleaning	\$1,727.95
Dozer - Equipment Cleaning	\$1,727.95
Dump Truck	\$340.54
Water Truck	\$292.26
TOTAL MOVE-IN COSTS =	\$6,401.72

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
Road Segment: A to B

Sale Number: FG-341-2026-W01234-01
Improvement: 203+90 stations
3.86 miles

PROJECT NO. 3: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	2.34	ac @	\$1,692.00 per acre =	\$3,959.28
Roadside brushing	1.86	mi @	\$850.00 per mi =	\$1,581.00
End-haul waste from Culvert Nos. 1 - 7, 116+20, 154+20, 159+20, 163+20 & 175+00				
Haul	96	cy @	\$1.86 per cy =	\$178.56
Compact waste area	96	cy @	\$0.40 per cy =	\$38.40
Construct settling pond	5	ea @	\$27.50 per ea =	\$137.50
Haul waste material	7	cy @	\$1.86 per cy =	\$13.02
Shape and compact waste material	7	cy @	\$0.40 per cy =	\$2.80
Construct waste area	1	ea @	\$345.40 per ea =	\$345.40
Grade, ditch, & roll	203.90	sta @	\$36.00 per sta =	\$7,340.40

TOTAL IMPROVEMENT COSTS = \$13,596.36

CULVERTS

Culverts and Bands				
18" Diameter	210	lf @	\$22.10 per lf =	\$4,641.00
Markers & Stakes				
Culvert markers	13	ea @	\$12.00 per ea =	\$156.00

TOTAL CULVERT COSTS = \$4,797.00

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	4" - 0	\$14.05	\$13.97	\$0.60	168	\$4,808.16
				Subtotal =	168	\$4,808.16
Surfacing rock						
Spot Rock	1½" - 0	\$7.07	\$37.90	\$1.40	100	\$4,637.00
				Subtotal =	100	\$4,637.00

Totals	All Rock =	268
	1½" - 0	100
	4" - 0	168

TOTAL ROCK COSTS = \$9,445.16

EROSION CONTROL

Grass seed & fertilizer	3.12	ac @	\$697.50 per ac =	\$2,176.20
Straw mulch acre	0.78	ac @	\$990.00 per ac =	\$772.20
Straw mulch bale	12	ea @	\$11.00 per ea =	\$132.00

TOTAL EROSION CONTROL COSTS = \$3,080.40

TOTAL PROJECT COST = \$30,918.92

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
Road Segment: C to D

Sale Number: FG-341-2026-W01234-01
Improvement: 16+10 stations
0.30 miles

PROJECT NO. 3: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.18	ac @	\$1,692.00 per acre =	\$304.56
Clean ditch & scatter waste material	8.05	sta @	\$66.00 per sta =	\$531.30
Haul	31	cy @	\$1.86 per cy =	\$57.66
Compact waste area	31	cy @	\$0.40 per cy =	\$12.40
Construct waste area	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	16.10	sta @	\$41.00 per sta =	\$660.10

TOTAL IMPROVEMENT COSTS = \$1,808.02

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
Subgrade rock						
Bedding and backfill	4" - 0	\$14.05	\$15.01	\$0.60	24	\$711.84
					Subtotal =	24 \$711.84
Surfacing rock						
Spot rock	4" - 0	\$14.05	\$15.01	\$1.40	100	\$3,046.00
Junction	4" - 0	\$14.05	\$15.01	\$1.40	12	\$365.52
					Subtotal =	112 \$3,411.52

Totals	All Rock =	136
	4" - 0	136

TOTAL ROCK COSTS = \$4,123.36

EROSION CONTROL

Grass seed & fertilizer	2.11	ac @	\$697.50 per ac =	\$1,471.73
Straw mulch acre	1.93	ac @	\$990.00 per ac =	\$1,910.70

TOTAL EROSION CONTROL COSTS = \$3,382.43

TOTAL PROJECT COST = \$9,988.81

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
Road Segment: E to F

Sale Number: FG-341-2026-W01234-01
Construction: 8+80 stations
0.17 miles

PROJECT NO. 2: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	1.01	ac @	\$1,692.00 per ac =	\$1,708.92
Balanced road construction	8.80	sta @	\$120.00 per sta =	\$1,056.00
Junction	1.00	sta @	\$120.00 per sta =	\$120.00
Grade, ditch, & roll	8.80	sta @	\$41.00 per sta =	\$360.80

TOTAL CONSTRUCTION COSTS = \$3,245.72

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Surfacing rock						
Base rock	4" - 0	\$14.05	\$14.97	\$1.40	572	\$17,400.24
Junction	4" - 0	\$14.05	\$14.97	\$1.40	24	\$730.08
Subtotal =					596	\$18,130.32

Totals	All Rock =	596
	4" - 0	596

TOTAL ROCK COSTS = \$18,130.32

EROSION CONTROL

Grass seed & fertilizer	0.51	ac @	\$780.00 per ac =	\$397.80
Straw mulch (acre)	0.51	ac @	\$990.00 per ac =	\$504.90

TOTAL EROSION CONTROL COSTS = \$902.70

TOTAL PROJECT COST = \$22,278.74

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
Road Segment: F to G

Sale Number: FG-341-2026-W01234-01
Improvement: 33+60 stations
0.64 miles

PROJECT NO. 3: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.39	ac @	\$1,692.00 per acre =	\$659.88
Roadside brushing	0.64	mi @	\$850.00 per mi =	\$544.00
Clean ditch & scatter waste material	16.80	sta @	\$66.00 per sta =	\$1,108.80
Clean culvert inlet & outlet, scatter waste	2	ea @	\$27.50 per ea =	\$55.00
Construct ditchout	1	ea @	\$27.50 per ea =	\$27.50
Improve turnout	3	ea @	\$36.30 per ea =	\$108.90
Grade, ditch, & roll	33.60	sta @	\$41.00 per sta =	\$1,377.60

TOTAL IMPROVEMENT COSTS = \$3,881.68

CULVERTS

Culverts and Bands				
18" Diameter	60	lf @	\$22.10 per lf =	\$1,326.00
Markers & Stakes				
Culvert markers	2	ea @	\$12.00 per ea =	\$24.00

TOTAL CULVERT COSTS = \$1,350.00

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	4" - 0	\$14.05	\$15.98	\$0.60	48	\$1,470.24
				Subtotal =	48	\$1,470.24
Surfacing rock						
Spot rock	4" - 0	\$14.05	\$15.98	\$1.40	20	\$628.60
Turnout	4" - 0	\$14.05	\$15.98	\$1.40	42	\$1,320.06
				Subtotal =	62	\$1,948.66

Totals	All Rock =	110
	4" - 0	110

TOTAL ROCK COSTS = \$3,418.90

EROSION CONTROL

Grass seed & fertilizer	0.39	ac @	\$697.50 per ac =	\$272.03
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TOTAL EROSION CONTROL COSTS = \$272.03

TOTAL PROJECT COST = \$8,922.61

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: H to I

Sale Number: FG-341-2026-W01234-01
 Construction: 10+75 stations
0.20 miles

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	1.23	ac @	\$1,692.00 per ac =	\$2,081.16
Balanced road construction	10.75	sta @	\$120.00 per sta =	\$1,290.00
Turnout	1	ea @	\$72.60 per ea =	\$72.60
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	10.75	sta @	\$41.00 per sta =	\$440.75

TOTAL CONSTRUCTION COSTS = \$4,217.51

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

EROSION CONTROL

Winterization blocking	1	ea @	\$55.00 per ea =	\$55.00
Winterization waterbarring	4	ea @	\$31.00 per ea =	\$124.00
Grass seed & fertilizer	0.62	ac @	\$780.00 per ac =	\$483.60
Straw mulch (acre)	0.62	ac @	\$990.00 per ac =	\$613.80

TOTAL EROSION CONTROL COSTS = \$1,276.40

TOTAL PROJECT COST = \$6,168.91

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: J to K

Sale Number: FG-341-2026-W01234-01
 Construction: 3+90 stations
0.07 miles

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.45	ac @	\$1,692.00 per ac =	\$761.40
Balanced road construction	3.90	sta @	\$120.00 per sta =	\$468.00
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	3.90	sta @	\$41.00 per sta =	\$159.90

TOTAL CONSTRUCTION COSTS = \$1,722.30

EROSION CONTROL

Winterization blocking	1	ea @	\$55.00 per ea =	\$55.00
Winterization waterbarring	2	ea @	\$31.00 per ea =	\$62.00
Grass seed & fertilizer	0.23	ac @	\$780.00 per ac =	\$179.40
Straw mulch (acre)	0.23	ac @	\$990.00 per ac =	\$227.70

TOTAL EROSION CONTROL COSTS = \$524.10

TOTAL PROJECT COST = \$2,246.40

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: L to M

Sale Number: FG-341-2026-W01234-01
 Construction: 20+00 stations
0.38 miles

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	2.30	ac @	\$1,692.00 per ac =	\$3,891.60
Balanced road construction	20.00	sta @	\$120.00 per sta =	\$2,400.00
Turnout	3	ea @	\$72.60 per ea =	\$217.80
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	20.00	sta @	\$41.00 per sta =	\$820.00

TOTAL CONSTRUCTION COSTS = \$7,662.40

CULVERTS

Culverts and Bands				
18" Diameter	60	lf @	\$22.10 per lf =	\$1,326.00
Markers & Stakes				
Culvert markers	2	ea @	\$12.00 per ea =	\$24.00

TOTAL CULVERT COSTS = \$1,350.00

EROSION CONTROL

Winterization blocking	1	ea @	\$55.00 per ea =	\$55.00
Winterization waterbarring	10	ea @	\$31.00 per ea =	\$310.00
Grass seed & fertilizer	1.15	ac @	\$780.00 per ac =	\$897.00
Straw mulch (acre)	1.15	ac @	\$990.00 per ac =	\$1,138.50

TOTAL EROSION CONTROL COSTS = \$2,400.50

TOTAL PROJECT COST = \$11,412.90

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: N to O

Sale Number: FG-341-2026-W01234-01
 Construction: 14+40 stations
0.27 miles

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	1.65	ac @	\$1,692.00 per ac =	\$2,791.80
Balanced road construction	14.40	sta @	\$120.00 per sta =	\$1,728.00
Turnout	2	ea @	\$72.60 per ea =	\$145.20
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	14.40	sta @	\$41.00 per sta =	\$590.40

TOTAL CONSTRUCTION COSTS = \$5,588.40

CULVERTS

Culverts and Bands				
18" Diameter	60	lf @	\$22.10 per lf =	\$1,326.00
Markers & Stakes				
Culvert markers	2	ea @	\$12.00 per ea =	\$24.00

TOTAL CULVERT COSTS = \$1,350.00

EROSION CONTROL

Winterization blocking	1	ea @	\$55.00 per ea =	\$55.00
Winterization waterbarring	7	ea @	\$31.00 per ea =	\$217.00
Grass seed & fertilizer	0.83	ac @	\$780.00 per ac =	\$647.40
Straw mulch (acre)	0.83	ac @	\$990.00 per ac =	\$821.70

TOTAL EROSION CONTROL COSTS = \$1,741.10

TOTAL PROJECT COST = \$8,679.50

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: P to Q

Sale Number: FG-341-2026-W01234-01
 Construction: 3+40 stations
0.06 miles

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.39	ac @	\$1,692.00 per ac =	\$659.88
Balanced road construction	3.40	sta @	\$120.00 per sta =	\$408.00
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	3.40	sta @	\$41.00 per sta =	\$139.40
TOTAL CONSTRUCTION COSTS =				\$1,540.28

CULVERTS

Culverts and Bands				
18" Diameter	40	lf @	\$22.10 per lf =	\$884.00
Markers & Stakes				
Culvert markers	1	ea @	\$12.00 per ea =	\$12.00
TOTAL CULVERT COSTS =				\$896.00

EROSION CONTROL

Winterization waterbarring	1	ea @	\$31.00 per ea =	\$31.00
Grass seed & fertilizer	0.20	ac @	\$780.00 per ac =	\$156.00
Straw mulch (acre)	0.20	ac @	\$990.00 per ac =	\$198.00
TOTAL EROSION CONTROL COSTS =				\$385.00

TOTAL PROJECT COST = \$2,821.28

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: R to S

Sale Number: FG-341-2026-W01234-01
 Improvement: 6+50 stations
0.12 miles

PROJECT NO. 3: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.07	ac @	\$1,692.00 per acre =	\$118.44
Improve turnaround	1	ea @	\$45.50 per ea =	\$45.50
Improve landing	1	ea @	\$172.70 per ea =	\$172.70
Grade, ditch, & roll	6.50	sta @	\$41.00 per sta =	\$266.50

TOTAL IMPROVEMENT COSTS = \$603.14

EROSION CONTROL

Grass seed & fertilizer	0.07	ac @	\$697.50 per ac =	\$48.83
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TOTAL EROSION CONTROL COSTS = \$48.83

TOTAL PROJECT COST = \$651.97

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
Road Segment: T to U

Sale Number: FG-341-2026-W01234-01
Improvement: 8+10 stations
0.15 miles

PROJECT NO. 3: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.09	ac @	\$1,692.00 per acre =	\$152.28
Remove existing culvert	1	ea @	\$165.00 per ea =	\$165.00
Improve junction	1.00	sta @	\$120.00 per sta =	\$120.00
Construct turnaround	1	ea @	\$91.00 per ea =	\$91.00
Improve landing	1	ea @	\$121.00 per ea =	\$121.00
Grade, ditch, & roll	8.10	sta @	\$41.00 per sta =	\$332.10
				<u>TOTAL IMPROVEMENT COSTS = \$981.38</u>

CULVERTS

Culverts and Bands				
18" Diameter	40	lf @	\$22.10 per lf =	\$884.00
Markers & Stakes				
Culvert markers	1	ea @	\$12.00 per ea =	\$12.00
				<u>TOTAL CULVERT COSTS = \$896.00</u>

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	4" - 0	\$14.05	\$16.53	\$0.60	24	\$748.32
Subtotal =					24	\$748.32
Surfacing rock						
Stump removal fill	4" - 0	\$14.05	\$16.53	\$1.40	24	\$767.52
Spot rock	4" - 0	\$14.05	\$16.53	\$1.40	50	\$1,599.00
Junction	4" - 0	\$14.05	\$16.53	\$1.40	24	\$767.52
Landing	4" - 0	\$14.05	\$16.53	\$1.40	47	\$1,503.06
Subtotal =					145	\$4,637.10
Totals					All Rock =	169
					4" - 0	169

TOTAL ROCK COSTS = \$5,385.42

EROSION CONTROL

Grass seed & fertilizer	0.09	ac @	\$697.50 per ac =	\$62.78
				<u>TOTAL EROSION CONTROL COSTS = \$62.78</u>

TOTAL PROJECT COST = \$7,325.58

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: V to W

Sale Number: FG-341-2026-W01234-01
 Construction: 6+80 stations
0.13 miles

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.78	ac @	\$1,692.00 per ac =	\$1,319.76
Balanced road construction	6.80	sta @	\$120.00 per sta =	\$816.00
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	6.80	sta @	\$41.00 per sta =	\$278.80

TOTAL CONSTRUCTION COSTS = \$2,747.56

EROSION CONTROL

Winterization blocking	1	ea @	\$55.00 per ea =	\$55.00
Winterization waterbarring	3	ea @	\$31.00 per ea =	\$93.00
Grass seed & fertilizer	0.39	ac @	\$780.00 per ac =	\$304.20
Straw mulch (acre)	0.39	ac @	\$990.00 per ac =	\$386.10

TOTAL EROSION CONTROL COSTS = \$838.30

TOTAL PROJECT COST = \$3,585.86

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: X to Y

Sale Number: FG-341-2026-W01234-01
 Construction: 3+05 stations
0.06 miles

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.35	ac @	\$1,692.00 per ac =	\$592.20
Balanced road construction	3.05	sta @	\$120.00 per sta =	\$366.00
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	3.05	sta @	\$41.00 per sta =	\$125.05

TOTAL CONSTRUCTION COSTS = \$1,416.25

EROSION CONTROL

Winterization blocking	1	ea @	\$55.00 per ea =	\$55.00
Winterization waterbarring	1	ea @	\$31.00 per ea =	\$31.00
Grass seed & fertilizer	0.18	ac @	\$780.00 per ac =	\$140.40
Straw mulch (acre)	0.18	ac @	\$990.00 per ac =	\$178.20

TOTAL EROSION CONTROL COSTS = \$404.60

TOTAL PROJECT COST = \$1,820.85

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: Z to ZZ

Sale Number: FG-341-2026-W01234-01
 Improvement: 1+30 stations
0.02 miles

PROJECT NO. 3: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.01	ac @	\$1,692.00 per acre =	\$16.92
Construct landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	1.30	sta @	\$41.00 per sta =	\$53.30

TOTAL IMPROVEMENT COSTS = \$312.22

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Surfacing rock						
Surfacing rock	4" - 0	\$14.05	\$9.42	\$1.40	40	\$994.80
Junction	4" - 0	\$14.05	\$9.42	\$1.40	24	\$596.88
Landing	4" - 0	\$14.05	\$9.42	\$1.40	95	\$2,362.65
Subtotal =					159	\$3,954.33

Totals	All Rock =	159
	4" - 0	159

TOTAL ROCK COSTS = \$3,954.33

EROSION CONTROL

Grass seed & fertilizer	0.01	ac @	\$697.50 per ac =	\$6.98
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TOTAL EROSION CONTROL COSTS = \$6.98

TOTAL PROJECT COST = \$4,273.53

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: AA to BB

Sale Number: FG-341-2026-W01234-01
 Improvement: 313+30 stations
 5.93 miles

PROJECT NO. 3: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clean culvert inlet & outlet, scatter waste 3 ea @ \$27.50 per ea = \$82.50

TOTAL IMPROVEMENT COSTS = \$82.50

CULVERTS

Culverts and Bands

18" Diameter	190	lf @	\$22.10 per lf =	\$4,199.00
24" Diameter	50	lf @	\$32.00 per lf =	\$1,600.00
36" Diameter	70	lf @	\$55.70 per lf =	\$3,899.00
18" Band	2	ea @	\$20.50 per ea =	\$41.00
24" Band	1	ea @	\$32.00 per ea =	\$32.00
36" Band	2	ea @	\$120.00 per ea =	\$240.00

Markers & Stakes

Culvert markers 9 ea @ \$12.00 per ea = \$108.00

Additional Installation Cost

Culvert No. 24 10 hrs @ \$192.50 per hr = \$1,925.00

TOTAL CULVERT COSTS = \$12,044.00

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	4" - 0	\$14.05	\$4.23	\$0.60	96	\$1,812.48
Energy dissipator	Riprap	\$4.40	\$4.23	\$1.80	24	\$250.32
Subtotal =					120	\$2,062.80
Surfacing rock						
Spot rock	1½" - 0	\$7.07	\$34.77	\$1.40	100	\$4,324.00
Subtotal =					100	\$4,324.00

Totals	All Rock =	220
	1½" - 0	100
	4" - 0	96
	Riprap	24

TOTAL ROCK COSTS = \$6,386.80

TOTAL PROJECT COST = \$18,513.30

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
Road Segment: CC to DD

Sale Number: FG-341-2026-W01234-01
Improvement: 31+40 stations
0.59 miles

PROJECT NO. 3: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.36	ac @	\$1,692.00 per acre =	\$609.12
Roadside brushing	0.59	mi @	\$850.00 per mi =	\$501.50
Improve turnout	1	ea @	\$36.30 per ea =	\$36.30
Refuse removal at 5+25	1	ea @	\$800.00 per ea =	\$800.00
Construct turnaround	1	ea @	\$91.00 per ea =	\$91.00
Construct landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	31.40	sta @	\$41.00 per sta =	\$1,287.40

TOTAL IMPROVEMENT COSTS = \$3,567.32

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	\$14.05	\$6.00	\$0.60	24	\$495.60
Subtotal =					24	\$495.60
Surfacing rock						
Surfacing rock	4" - 0	\$14.05	\$6.00	\$1.40	973	\$20,870.85
Junction	4" - 0	\$14.05	\$6.00	\$1.40	12	\$257.40
Turnout	4" - 0	\$14.05	\$6.00	\$1.40	28	\$600.60
Turnaround	4" - 0	\$14.05	\$6.00	\$1.40	20	\$429.00
Landing	4" - 0	\$14.05	\$6.00	\$1.40	95	\$2,037.75
Subtotal =					1,128	\$24,195.60

Totals	All Rock =	1,152
	4" - 0	1,152

TOTAL ROCK COSTS = \$24,691.20

EROSION CONTROL

Grass seed & fertilizer	1.18	ac @	\$697.50 per ac =	\$823.05
Straw mulch acre	0.82	ac @	\$990.00 per ac =	\$811.80

TOTAL EROSION CONTROL COSTS = \$1,634.85

TOTAL PROJECT COST = \$30,580.37

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
Road Segment: EE to FF

Sale Number: FG-341-2026-W01234-01
Construction: 18+00 stations
0.34 miles

PROJECT NO. 2: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	2.07	ac @	\$1,692.00 per ac =	\$3,502.44
Balanced road construction	11.30	sta @	\$120.00 per sta =	\$1,356.00
Drift	6.70	sta @	\$198.00 per sta =	\$1,326.60
Turnout	2	ea @	\$72.60 per ea =	\$145.20
Grade, ditch, & roll	18.00	sta @	\$41.00 per sta =	\$738.00

TOTAL CONSTRUCTION COSTS = \$7,068.24

CULVERTS

Culverts and Bands				
18" Diameter	140	lf @	\$22.10 per lf =	\$3,094.00
18" Band	2	ea @	\$20.50 per ea =	\$41.00
Markers & Stakes				
Culvert markers	4	ea @	\$12.00 per ea =	\$48.00

TOTAL CULVERT COSTS = \$3,183.00

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Surfacing rock						
Base rock	4" - 0	\$14.05	\$6.28	\$1.40	1,170	\$25,424.10
Junction	4" - 0	\$14.05	\$6.28	\$1.40	48	\$1,043.04
Turnout	4" - 0	\$14.05	\$6.28	\$1.40	58	\$1,260.34
				Subtotal =	1,276	\$27,727.48

Totals	All Rock =	1,276
	4" - 0	1,276

TOTAL ROCK COSTS = \$27,727.48

EROSION CONTROL

Grass seed & fertilizer	1.04	ac @	\$780.00 per ac =	\$811.20
Straw mulch (acre)	1.04	ac @	\$990.00 per ac =	\$1,029.60

TOTAL EROSION CONTROL COSTS = \$1,840.80

TOTAL PROJECT COST = \$39,819.52

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: FF to GG

Sale Number: FG-341-2026-W01234-01
 Improvement: 13+30 stations
0.25 miles

PROJECT NO. 3: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.15	ac @	\$1,692.00 per acre =	\$253.80
Roadside brushing	0.25	mi @	\$850.00 per mi =	\$212.50
Refuse removal at 13+30	1	ea @	\$800.00 per ea =	\$800.00
Excavate Material	122	cy @	\$1.94 per cy =	\$236.68
Place and compact fill	159	cy @	\$0.60 per cy =	\$95.40
Improve turnout	1	ea @	\$36.30 per ea =	\$36.30
Construct turnaround	1	ea @	\$91.00 per ea =	\$91.00
Improve landing	1	ea @	\$121.00 per ea =	\$121.00
Grade, ditch, & roll	13.30	sta @	\$41.00 per sta =	\$545.30

TOTAL IMPROVEMENT COSTS = \$2,391.98

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
Subgrade rock						
Bedding and backfill	4" - 0	\$14.05	\$6.80	\$0.60	72	\$1,544.40
				Subtotal =	72	\$1,544.40
Surfacing rock						
Surfacing rock	4" - 0	\$14.05	\$6.80	\$1.40	412	\$9,167.00
Junction	4" - 0	\$14.05	\$6.80	\$1.40	12	\$267.00
Turnout	4" - 0	\$14.05	\$6.80	\$1.40	14	\$311.50
Turnaround	4" - 0	\$14.05	\$6.80	\$1.40	20	\$445.00
Landing	4" - 0	\$14.05	\$6.80	\$1.40	95	\$2,113.75
				Subtotal =	553	\$12,304.25

Totals	All Rock =	625
	4" - 0	625

TOTAL ROCK COSTS = \$13,848.65

EROSION CONTROL

Grass seed & fertilizer	0.15	ac @	\$697.50 per ac =	\$104.63
Straw mulch bale	4	ea @	\$11.00 per ea =	\$44.00

TOTAL EROSION CONTROL COSTS = \$148.63

TOTAL PROJECT COST = \$18,414.26

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: HH to II

Sale Number: FG-341-2026-W01234-01
 Improvement: 38+80 stations
0.73 miles

PROJECT NO. 3: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT

Clearing & grubbing (scatter)	0.45	ac @	\$1,692.00 per acre =	\$761.40
Improve turnout	2	ea @	\$36.30 per ea =	\$72.60
Grade, ditch, & roll	38.80	sta @	\$41.00 per sta =	\$1,590.80
TOTAL IMPROVEMENT COSTS =				\$2,424.80

EROSION CONTROL

Grass seed & fertilizer	0.45	ac @	\$697.50 per ac =	\$313.88
TOTAL EROSION CONTROL COSTS =				\$313.88

TOTAL PROJECT COST = \$2,738.68

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: II to JJ

Sale Number: FG-341-2026-W01234-01
 Construction: 19+30 stations
0.37 miles

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	2.22	ac @	\$1,692.00 per ac =	\$3,756.24
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Roadside landing	1	ea @	\$181.50 per ea =	\$181.50
Landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	19.30	sta @	\$41.00 per sta =	\$791.30

TOTAL CONSTRUCTION COSTS = \$5,062.04

CULVERTS

Culverts and Bands				
18" Diameter	70	lf @	\$22.10 per lf =	\$1,547.00
18" Band	1	ea @	\$20.50 per ea =	\$20.50
Markers & Stakes				
Culvert markers	2	ea @	\$12.00 per ea =	\$24.00

TOTAL CULVERT COSTS = \$1,591.50

EROSION CONTROL

Winterization blocking	1	ea @	\$55.00 per ea =	\$55.00
Winterization waterbarring	10	ea @	\$31.00 per ea =	\$310.00
Grass seed & fertilizer	1.11	ac @	\$780.00 per ac =	\$865.80
Straw mulch (acre)	1.11	ac @	\$990.00 per ac =	\$1,098.90

TOTAL EROSION CONTROL COSTS = \$2,329.70

TOTAL PROJECT COST = \$8,983.24

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: KK to LL

Sale Number: FG-341-2026-W01234-01
 Construction: 1+80 stations
0.03 miles

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.21	ac @	\$1,692.00 per ac =	\$355.32
Balanced road construction	1.80	sta @	\$120.00 per sta =	\$216.00
Landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	1.80	sta @	\$41.00 per sta =	\$73.80

TOTAL CONSTRUCTION COSTS = \$887.12

CULVERTS

Culverts and Bands				
18" Diameter	40	lf @	\$22.10 per lf =	\$884.00
18" Band	1	ea @	\$20.50 per ea =	\$20.50
Markers & Stakes				
Culvert markers	1	ea @	\$12.00 per ea =	\$12.00

TOTAL CULVERT COSTS = \$916.50

EROSION CONTROL

Winterization waterbarring	1	ea @	\$31.00 per ea =	\$31.00
Grass seed & fertilizer	0.11	ac @	\$780.00 per ac =	\$85.80
Straw mulch (acre)	0.11	ac @	\$990.00 per ac =	\$108.90

TOTAL EROSION CONTROL COSTS = \$225.70

TOTAL PROJECT COST = \$2,029.32

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: MM to NN

Sale Number: FG-341-2026-W01234-01
 Construction: 4+90 stations
0.09 miles

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.56	ac @	\$1,692.00 per ac =	\$947.52
Balanced road construction	4.90	sta @	\$120.00 per sta =	\$588.00
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	4.90	sta @	\$41.00 per sta =	\$200.90
TOTAL CONSTRUCTION COSTS =				\$2,069.42

EROSION CONTROL

Winterization waterbarring	2	ea @	\$31.00 per ea =	\$62.00
Grass seed & fertilizer	0.28	ac @	\$780.00 per ac =	\$218.40
Straw mulch (acre)	0.28	ac @	\$990.00 per ac =	\$277.20
TOTAL EROSION CONTROL COSTS =				\$557.60

TOTAL PROJECT COST = \$2,627.02

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: OO to PP

Sale Number: FG-341-2026-W01234-01
 Construction: 7+80 stations
0.15 miles

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.90	ac @	\$1,692.00 per ac =	\$1,522.80
Balanced road construction	7.80	sta @	\$120.00 per sta =	\$936.00
Turnout	1	ea @	\$72.60 per ea =	\$72.60
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	7.80	sta @	\$41.00 per sta =	\$319.80

TOTAL CONSTRUCTION COSTS = \$3,184.20

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

EROSION CONTROL

Winterization blocking	1	ea @	\$55.00 per ea =	\$55.00
Winterization waterbarring	3	ea @	\$31.00 per ea =	\$93.00
Grass seed & fertilizer	0.45	ac @	\$780.00 per ac =	\$351.00
Straw mulch (acre)	0.45	ac @	\$990.00 per ac =	\$445.50

TOTAL EROSION CONTROL COSTS = \$944.50

TOTAL PROJECT COST = \$4,803.70

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: QQ to RR

Sale Number: FG-341-2026-W01234-01
 Construction: 13+80 stations
0.26 miles

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	1.58	ac @	\$1,692.00 per ac =	\$2,673.36
Balanced road construction	13.80	sta @	\$120.00 per sta =	\$1,656.00
Turnout	1	ea @	\$72.60 per ea =	\$72.60
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Landing	1	ea @	\$242.00 per ea =	\$242.00
Ditchout construction				
Excavate material	12	cy @	\$1.94 per cy =	\$23.28
Haul waste material	16	cy @	\$2.13 per cy =	\$34.08
Shape and compact waste material	16	cy @	\$0.40 per cy =	\$6.40
Grade, ditch, & roll	13.80	sta @	\$41.00 per sta =	\$565.80

TOTAL CONSTRUCTION COSTS = \$5,364.52

CULVERTS

Culverts and Bands

Markers & Stakes

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

EROSION CONTROL

Winterization blocking	1	ea @	\$55.00 per ea =	\$55.00
Winterization waterbarring	7	ea @	\$31.00 per ea =	\$217.00
Grass seed & fertilizer	0.79	ac @	\$780.00 per ac =	\$616.20
Straw mulch (acre)	0.79	ac @	\$990.00 per ac =	\$782.10

TOTAL EROSION CONTROL COSTS = \$1,670.30

TOTAL PROJECT COST = \$7,046.82

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
Road Segment: SS to TT

Sale Number: FG-341-2026-W01234-01
Construction: 7+00 stations
0.13 miles

PROJECT NO. 1: DIRT ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.80	ac @	\$1,692.00 per ac =	\$1,353.60
Balanced road construction	7.00	sta @	\$120.00 per sta =	\$840.00
Fill construction at Culvert No. 40				
Drift Material	150	cy @	\$1.94 per cy =	\$291.00
Shape and compact fill	150	cy @	\$0.40 per cy =	\$60.00
End-haul waste from Culvert No. 40				
Haul	12	cy @	\$1.69 per cy =	\$20.28
Compact waste area	12	cy @	\$0.40 per cy =	\$4.80
Turnout	1	ea @	\$72.60 per ea =	\$72.60
Turnaround	1	ea @	\$91.00 per ea =	\$91.00
Landing	1	ea @	\$242.00 per ea =	\$242.00
Grade, ditch, & roll	7.00	sta @	\$41.00 per sta =	\$287.00

TOTAL CONSTRUCTION COSTS = \$3,262.28

CULVERTS

Culverts and Bands				
18" Diameter	70	lf @	\$22.10 per lf =	\$1,547.00
24" Diameter	40	lf @	\$32.00 per lf =	\$1,280.00
18" Band	1	ea @	\$20.50 per ea =	\$20.50
24" Band	1	ea @	\$32.00 per ea =	\$32.00
Markers & Stakes				
Culvert markers	3	ea @	\$12.00 per ea =	\$36.00

TOTAL CULVERT COSTS = \$2,915.50

EROSION CONTROL

Winterization waterbarring	3	ea @	\$31.00 per ea =	\$93.00
Grass seed & fertilizer	0.40	ac @	\$780.00 per ac =	\$312.00
Straw mulch (acre)	0.40	ac @	\$990.00 per ac =	\$396.00
Straw mulch (bale)	2	ea @	\$11.00 per ea =	\$22.00

TOTAL EROSION CONTROL COSTS = \$823.00

TOTAL PROJECT COST = \$7,000.78

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves

Sale Number: FG-341-2026-W01234-01

PROJECT NO. 4: STOCKPILE CONSTRUCTION

ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement / Processing Cost \$/cy	Total CY	Rock Cost
Stockpile rock						
Base rock	4" - 0	\$14.05	\$0.12	\$1.30	1,160	\$17,945.20
				Subtotal =	1,160	\$17,945.20

Totals

All Rock =	1,160
4" - 0 =	1,160

TOTAL PROJECT COST = \$17,945.20

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: FF to ZZ

Sale Number: FG-341-2026-W01234-01
 Vacating: 12+80 stations
0.24 miles

PROJECT NO. 5: ROAD VACATING

VACATE

Construct tank trap	1	ea @	\$60.50	per ea =	\$60.50
Refuse removal at 6+40	1	ea @	\$800.00	per ea =	\$800.00
Excavate fill & culvert removal					
Excavate & load	185	cy @	\$1.94	per cy =	\$358.90
Haul	241	cy @	\$2.13	per cy =	\$513.33
Compact waste area	241	cy @	\$0.40	per cy =	\$96.40
Rip surfaced road	12.80	sta @	\$55.00	per sta =	\$704.00
Grass seed & fertilize road	12.80	sta @	\$17.50	per sta =	\$224.00
Mulch road	12.80	sta @	\$27.50	per sta =	\$352.00

TOTAL IMPROVEMENT COSTS = \$3,109.13

TOTAL PROJECT COST = **\$3,109.13**

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: GG to V3

Sale Number: FG-341-2026-W01234-01
 Vacating: 4+60 stations
0.09 miles

PROJECT NO. 5: ROAD VACATING

VACATE

Construct tank trap	1	ea @	\$60.50	per ea =	\$60.50
Rip un-surface road	4.60	sta @	\$27.50	per sta =	\$126.50
Grass seed & fertilize road	4.60	sta @	\$17.50	per sta =	\$80.50
Mulch road	4.60	sta @	\$27.50	per sta =	<u>\$126.50</u>

TOTAL IMPROVEMENT COSTS = \$394.00

TOTAL PROJECT COST = **\$394.00**

SUMMARY OF CONSTRUCTION COST

Timber Sale: Big Leaves
 Road Segment: V1 to V2

Sale Number: FG-341-2026-W01234-01
 Vacating: 21+00 stations
0.40 miles

PROJECT NO. 5: ROAD VACATING

VACATE

Construct waterbar	5	ea @	\$31.00	per ea =	\$155.00
Construct tank trap	1	ea @	\$60.50	per ea =	\$60.50
Grass seed & fertilize road	21.00	sta @	\$17.50	per sta =	\$367.50
Mulch road	21.00	sta @	\$27.50	per sta =	\$577.50

TOTAL VACATE COSTS = \$1,160.50

TOTAL PROJECT COST = **\$1,160.50**

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Big Leaves
 Sale Number: FG-341-2026-W01234-01
 Quarry Name: Rudy Pit
 4" - 0: 4,487 cy (truck measure)
 Riprap: 24 cy (truck measure)
 Stockpile (4"-0): 1,000 cy (stockpile measure)
 Total truck yardage: 5,671 cy
 Total in place yardage: 6,711 cy
 Swell: 130%
 Compaction: 116%
 Screening Loss: 35%

Move-in & Other Base Cost

Equipment cleaning & move in excavator					\$1,954.94
Move in loader					\$855.58
Move in & setup crusher					\$3,450.54
Move in dump trucks					\$220.23
Gradation tests	\$80.00	/2,000cy x	3	tests =	\$240.00
Clean up quarry					\$1,800.00
				Subtotal =	\$8,521.29
				Per CY =	\$1.50/cy

4"-0 Base Cost

Rip rock	\$2.30	/ cy x	6,687	cy =	\$15,380.10
Load crusher	\$0.90	/ cy x	6,687	cy =	\$6,018.30
Screen rock	\$3.20	/ cy x	6,687	cy =	\$21,398.40
Waste reject	\$0.90	/ cy x	2,340	cy =	\$2,106.00
Crush (4" - 0)	\$3.70	/ cy x	4,487	cy =	\$16,601.90
Crush (Stockpile)	\$3.70	/ cy x	1,160	cy =	\$4,292.00
Load dump truck	\$0.90	/ cy x	5,647	cy =	\$5,082.30
				Subtotal =	\$70,879.00
				Per CY =	\$12.55/cy

Riprap Base Cost

Rip rock	\$2.30	/ cy x	12	cy =	\$27.60
Load dump truck	\$1.75	/ cy x	24	cy =	\$42.00
				Subtotal =	\$69.60
				Per CY =	\$2.90

4"-0 Base Cost = \$14.05/cy
 Rip-rap Base Cost = \$4.40/cy

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale:	Big Leaves
Sale Number:	FG-341-2026-W01234-01
Stockpile Name:	Rock Creek Ridge

1 1/2" - 0: 200 cy (truck measure)
Total truck yardage: 200 cy

Move-in

Move in excavator	\$925.60
Move in Dump Trucks	<u>\$307.13</u>

Subtotal =	<u>\$1,232.73</u>
Per CY =	<u>\$6.16/cy</u>

1 1/2"-0 Base Cost

Load dump truck	<u>\$0.90</u>	/ cy x	<u>200</u> cy =	<u>\$180.00</u>
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Subtotal =	\$180.00
Per CY =	\$0.90

1 1/2"-0 Cost = \$7.07/cy

CRUISE REPORT
Big Leaves
#FG-341-2026-W01234-01

1. LOCATION:

Portions of Sections 2, 20, 21 & 23, T5N, R3W, and portions of Sections 34 & 35, T6N, R3W, W.M., Columbia County, Oregon.

2. CRUISE DESIGN:

The timber cruise was designed using an estimated coefficient of variation (CV) of 50%, average stand diameter of 21 inches, sampling error (SE) of 9% and a minimum of 100 grade trees.

3. SAMPLING METHOD:

The Timber Sale Area was cruised in October of 2025 with variable radius grade plots using a 40 BAF prism. Plots were laid out on a 5 chain x 4 chain grid. Plots falling on or near existing roads or no-harvest areas were offset 1 chain.

4. CRUISE RESULTS:

204 trees were measured and graded producing a standard error of 10.2% on the Douglas-fir Basal Area and 10.9% 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 Nick Maslen, Mark Savage, Colton Turner, and Adrian Torres.

Prepared by: Colton Turner 11-18-2025
Date

Reviewed by: Mark Savage 11-18-2025
Date

TC PSTATS					PROJECT STATISTICS			PAGE	1		
					PROJECT	BIGLEAVE		DATE	10/28/2025		
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt		
T5N	R3	02	U1	00CC	88.00	36	205	S	W		
T5N	R3W	02	U2	00CC							
T5N	R3W	02	U3	00CC							
					TREES	ESTIMATED TOTAL	PERCENT SAMPLE				
PLOTS			TREES	PER PLOT	TREES	TREES					
TOTAL			36	205	5.7						
CRUISE			36	205	5.7	8,574	2.4				
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			176	69.0	22.3	144	39.6	187.0	50,990	50,805	9,945
DOUG FIR-S			1	.7	18.0	64	0.3	1.2			
R ALDER			19	20.7	14.2	78	6.1	22.9	1,786	1,786	650
WHEMLOCK			7	6.7	15.3	106	2.2	8.6	1,811	1,811	385
WR CEDAR			2	.3	41.1	134	0.4	2.4	510	510	100
TOTAL			205	97.4	20.4	127	49.1	222.1	55,097	54,912	11,079
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			79.6	6.0	1,088	1,158	1,227				
DOUG FIR-S											
R ALDER			47.3	11.1	87	97	108				
WHEMLOCK			92.7	37.7	399	641	883				
WR CEDAR			10.8	10.1	1,703	1,895	2,087				
TOTAL			88.4	6.2	979	1,043	1,108	312	78	35	
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			69.6	5.2	207	219	230				
DOUG FIR-S											
R ALDER			44.1	10.4	32	36	39				
WHEMLOCK			86.8	35.3	85	132	178				
WR CEDAR			12.1	11.3	327	369	411				
TOTAL			77.4	5.4	188	199	210	239	60	27	
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			76.5	12.7	60	69	78				
DOUG FIR-S			600.0	99.9	0	1	1				
R ALDER			253.8	42.3	12	21	30				
WHEMLOCK			339.7	56.6	3	7	11				
WR CEDAR			424.3	70.7	0	0	0				
TOTAL			54.5	9.1	89	97	106	119	30	13	
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			61.3	10.2	168	187	206				
DOUG FIR-S			600.0	99.9	0	1	2				
R ALDER			248.9	41.5	13	23	32				
WHEMLOCK			365.1	60.8	3	9	14				
WR CEDAR			418.2	69.6	1	2	4				
TOTAL			40.0	6.7	207	222	237	64	16	7	

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
T5N	R3	02	U1	00CC	88.00	36	205	S	W	
T5N	R3W	02	U2	00CC						
T5N	R3W	02	U3	00CC						
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			65.7	10.9	45,251	50,805	56,359			
DOUG FIR-S										
R ALDER			249.1	41.5	1,045	1,786	2,526			
WHEMLOCK			398.8	66.4	608	1,811	3,013			
WR CEDAR			430.8	71.7	144	510	877			
TOTAL			55.5	9.2	49,837	54,912	59,987	123	31	14
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			63.1	10.5	8,901	9,945	10,989			
DOUG FIR-S										
R ALDER			249.2	41.5	380	650	919			
WHEMLOCK			395.2	65.8	132	385	639			
WR CEDAR			431.7	71.9	28	100	171			
TOTAL			48.7	8.1	10,181	11,079	11,977	95	24	11

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																	
TT5N RR3W S02 Ty00CC6.00 TT5N RR3W S02 Ty00CC78.00 TT5N RR3W S02 Ty00CC4.00				Project:		BIGLEAVE										Page		1			
				Acres		88.00										Date		10/28/2025			
																Time		9:39:05AM			
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
					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															12	19		0.00	1.5
DF		2M		82	.4	41,923	41,748	3,674			35	65	1	0		99	40	17	476	2.21	87.8
DF		3M		16	.1	8,397	8,387	738		100			0	1	4	95	39	8	99	0.63	84.6
DF		4M		2		670	670	59		100			47	53			20	6	24	0.34	28.1
DF Totals				93	.4	50,990	50,805	4,471		18	29	54	1	1	1	97	36	12	252	1.35	201.9
DF	S		CU														25	9		0.00	1.4
DF Totals																	25	9		0.00	1.4
RA			CU														18	7		0.00	1.0
RA			CR	100		1,786	1,786	157		100				12	15	72	36	8	80	0.82	22.2
RA Totals				3		1,786	1,786	157		100				12	15	72	35	8	77	0.80	23.2
RC			CU														30	30		0.00	.1
RC			2M	96		492	492	43				100	26			74	36	25	925	4.82	.5
RC			3M	4		19	19	2		58	42		42	58			23	10	70	1.22	.3
RC Totals				1		510	510	45		2	2	96	26	2		71	31	21	562	3.48	.9
WH			2M	59		1,072	1,072	94			22	78				100	40	17	465	2.27	2.3
WH			3M	36		660	660	58		100					21	79	37	8	87	0.56	7.6
WH			4M	5		79	79	7		100			17	83			24	7	34	0.37	2.3
WH Totals				3		1,811	1,811	159		41	13	46	1	4	8	88	35	9	148	0.90	12.2
Totals					0.3	55,097	54,912	4,832		21	27	52	1	1	1	96	36	11	229	1.28	239.6

TC		PSTNDSUM										Stand Table Summary										Page		1					
																						Date:		10/28/2025					
TT5N RR3W S02 Ty00CC					6.00					Project					BIGLEAVE					Time:					9:39:06AM				
TT5N RR3W S02 Ty00CC					78.00																								
TT5N RR3W S02 Ty00CC					4.00					Acres					88.00					Grown Year:									
S	T	Tot			Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Tons/ Acre	Cu.Ft. Acre	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		10	2	87	87	3.242	1.77	3.24	12.8	60.0	1.18	41	194	104	36	17													
DF		11	4	88	103	7.410	4.89	12.97	11.5	51.4	4.26	150	667	375	132	59													
DF		12	1	87	130	1.557	1.22	3.11	15.0	75.0	1.33	47	233	117	41	21													
DF		13	1	88	88	.592	.55	1.18	13.5	50.0	.46	16	59	40	14	5													
DF		14	4	86	116	3.308	3.54	6.62	19.6	90.0	3.69	130	595	325	114	52													
DF		15	3	89	129	2.182	2.68	5.36	20.8	94.8	3.18	112	508	280	98	45													
DF		16	5	86	116	2.438	3.40	6.14	21.3	89.8	3.73	131	552	329	115	49													
DF		17	4	89	133	2.243	3.54	6.38	25.0	111.2	4.54	159	710	400	140	62													
DF		18	5	87	134	2.693	4.76	7.77	26.4	112.5	5.85	205	874	515	181	77													
DF		19	8	89	147	4.624	9.10	13.59	32.8	151.0	12.69	445	2,053	1,117	392	181													
DF		20	7	88	150	3.923	8.56	11.77	36.8	171.4	12.34	433	2,017	1,086	381	178													
DF		21	11	88	146	4.465	10.74	13.40	39.7	189.2	15.16	532	2,534	1,334	468	223													
DF		22	7	88	155	2.985	7.88	8.96	45.0	214.5	11.48	403	1,921	1,011	355	169													
DF		23	8	87	147	2.451	7.07	7.35	48.1	220.6	10.08	354	1,622	887	311	143													
DF		24	8	85	152	2.151	6.76	6.84	46.5	211.6	9.07	318	1,448	798	280	127													
DF		25	14	87	157	4.348	14.82	14.84	52.2	254.1	22.09	775	3,770	1,944	682	332													
DF		26	10	87	169	3.146	11.60	11.67	55.0	277.3	18.30	642	3,237	1,610	565	285													
DF		27	11	87	165	3.042	12.09	10.97	59.5	297.7	18.59	652	3,266	1,636	574	287													
DF		28	10	88	176	2.469	10.56	9.25	65.6	349.6	17.29	607	3,234	1,521	534	285													
DF		29	4	87	184	.919	4.21	3.56	72.2	388.4	7.31	257	1,381	643	226	122													
DF		30	5	87	188	1.107	5.44	4.43	76.1	405.2	9.60	337	1,795	845	296	158													
DF		31	3	87	186	.700	3.67	2.80	79.7	423.3	6.36	223	1,185	559	196	104													
DF		32	6	87	182	1.313	7.34	5.03	88.9	488.7	12.76	448	2,460	1,123	394	217													
DF		33	11	87	182	2.097	12.46	8.39	89.9	490.6	21.50	754	4,116	1,892	664	362													
DF		34	2	88	181	.388	2.45	1.55	96.7	542.5	4.27	150	842	376	132	74													
DF		35	1	89	173	.183	1.22	.73	101.6	587.5	2.12	74	430	186	65	38													
DF		36	8	88	191	1.244	8.79	4.97	109.6	638.5	15.53	545	3,176	1,367	480	279													
DF		37	3	87	202	.491	3.67	2.13	113.4	671.5	6.88	241	1,429	605	212	126													
DF		38	2	88	186	.310	2.45	1.24	123.3	695.0	4.36	153	863	384	135	76													
DF		39	1	87	192	.147	1.22	.59	133.6	772.5	2.25	79	455	198	69	40													
DF		40	3	88	206	.420	3.67	1.96	128.2	771.4	7.17	252	1,513	631	221	133													
DF		41	1	87	204	.133	1.22	.53	154.7	942.5	2.35	83	503	207	73	44													
DF		46	1	86	188	.106	1.22	.42	179.1	1042.5	2.16	76	442	190	67	39													
DF		50	1	80	201	.090	1.22	.36	146.3	937.5	1.50	52	336	132	46	30													
DF		51	1	85	169	.086	1.22	.34	202.1	1112.5	1.99	70	384	175	61	34													
DF		Totals	176	87	144	69.003	186.98	200.46	49.6	253.4	283.42	9,945	50,805	24,941	8,751	4,471													
WH		9	1	85	73	2.767	1.22	2.77	10.2	50.0	.90	28	138	80	25	12													
WH		13	1	86	121	1.326	1.22	2.65	18.2	80.0	1.55	48	212	136	43	19													
WH		14	1	86	124	1.144	1.22	2.29	23.6	105.0	1.72	54	240	152	47	21													
WH		18	1	86	130	.692	1.22	2.08	28.0	116.7	1.86	58	242	164	51	21													
WH		27	1	86	130	.307	1.22	.92	64.1	293.3	1.89	59	271	166	52	24													
WH		30	2	87	155	.498	2.45	1.49	91.9	473.3	4.39	137	707	387	121	62													
WH		Totals	7	86	106	6.735	8.56	12.20	31.6	148.4	12.32	385	1,811	1,085	339	159													
RA		11	1	86	66	1.853	1.22	1.85	15.8	60.0	.80	29	111	71	26	10													
RA		12	4	74	70	5.827	4.58	5.83	18.4	54.7	2.95	107	319	259	94	28													
RA		13	2	74	71	2.653	2.45	2.65	24.1	60.0	1.75	64	159	154	56	14													
RA		14	1	74	75	1.144	1.22	1.14	29.9	70.0	.94	34	80	83	30	7													
RA		15	4	73	86	3.985	4.89	3.98	34.9	90.0	3.83	139	359	337	122	32													
RA		16	1	74	83	.876	1.22	.88	38.5	90.0	.93	34	79	82	30	7													
RA		17	3	74	90	2.327	3.67	3.10	39.1	107.5	3.34	121	334	294	107	29													
RA		18	3	73	92	2.076	3.67	2.77	43.8	125.0	3.33	121	346	293	107	30													

TC		PSTNDSUM										Stand Table Summary										Page		2	
																						Date:		10/28/2025	
TT5N RR3W S02 Ty00CC6.00 TT5N RR3W S02 Ty00CC78.00 TT5N RR3W S02 Ty00CC4.00												Project		BIGLEAVE						Time:		9:39:06AM			
												Acres		88.00						Grown Year:					
S Sp	T	Tot						Average Log								T o t a l s									
		DBH	Sample Trees	FF 16'	Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Net Cu.Ft.	Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Tons	Cunits	MBF									
RA		Totals	19	75	78	20.739	22.92	22.21	29.3	80.4	17.86	650	1,786	1,572	572	157									
RC		38	1	86	136	.155	1.22	.47	133.5	680.0	1.46	62	317	129	55	28									
RC		45	1	87	130	.111	1.22	.33	112.5	583.3	.88	37	194	77	33	17									
RC		Totals	2	86	134	.266	2.45	.80	124.8	639.8	2.34	100	510	206	88	45									
DF S		18	1	85	63	.692	1.22																		
DF S		Totals	1	85	63	.692	1.22																		
Totals		205	85	127	97.434	222.13	235.67	47.0	233.0	315.95	11,079	54,912	27,804	9,749	4,832										

[illegible]

TC		PLOGSTVB		Log Stock Table - MBF																	
TT5N RR3W S02 Ty00CC		6.00		Project: BIGLEAVE										Page 2							
TT5N RR3W S02 Ty00CC		78.00		Acres 88.00										Date 10/28/2025							
TT5N RR3W S02 Ty00CC		4.00												Time 9:39:04AM							
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+	
RC		2M	40		32		32	71.4							13		19				
RC		3M	14		1		1	1.5					1								
RC		3M	30		1		1	2.1				1									
RC		Totals			45		45	.9			1		1		13		19		11		
WH		2M	40		94		94	59.2					21		36		37				
WH		3M	32		12		12	7.6			12										
WH		3M	40		46		46	28.8			6	25	15								
WH		4M	18		1		1	.8			1										
WH		4M	26		6		6	3.6			6										
WH		Totals			159		159	3.3			25	25	15	21		36	37				
Total		All Species			4,848		4,832	100.0			355	309	356	429		642	1163	810	666	103	

TC PSTATS				PROJECT STATISTICS					PAGE	1	
				PROJECT	BIGLEAVE			DATE	10/28/2025		
TWP	RGE	SC	TRACT	TYPE	ACRES		PLOTS	TREES	CuFt	BdFt	
T5N	R3	02	U1	00CC	6.00		5	37	S	W	
				TREES		ESTIMATED	PERCENT				
				PLOTS	TREES	TOTAL	SAMPLE				
				PER PLOT		TREES	TREES				
TOTAL			5	37	7.4						
CRUISE			5	37	7.4		882	4.2			
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			37	146.9	19.2	124	67.5	296.0	60,773	60,394	13,178
TOTAL			37	146.9	19.2	124	67.5	296.0	60,773	60,394	13,178
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	12.7	548	628	708				
TOTAL			77.3	12.7	548	628	708	238	60	26	
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			68.2	11.2	117	132	147				
TOTAL			68.2	11.2	117	132	147	185	46	21	
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			15.1	7.5	136	147	158				
TOTAL			15.1	7.5	136	147	158	11	3	1	
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			12.1	6.0	278	296	314				
TOTAL			12.1	6.0	278	296	314	7	2	1	
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			14.6	7.3	55,999	60,394	64,789				
TOTAL			14.6	7.3	55,999	60,394	64,789	11	3	1	
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			14.0	6.9	12,262	13,178	14,093				
TOTAL			14.0	6.9	12,262	13,178	14,093	10	2	1	

TC	PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																			
TT5N RR3W S02 Ty00CC 6.00 Project: BIGLEAVE Acres 6.00 Page 1 Date 10/28/2025 Time 9:36:54AM																						
		%					Total	Percent of Net Board Foot Volume								Average Log				Logs		
S So Gr		Net	Bd. Ft. per Acre			Net MBF		Log Scale Dia.				Log Length				Ln	Dia	Bd	CF/	Per		
Spp	T rt ad	BdFt	Def%	Gross	Net			4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99						Ft	In
DF	CU														6			0.00	5.7			
DF	2M	65	.6	39,971	39,735	238			54	46				100	40	15	372	1.88	106.9			
DF	3M	32	.8	19,208	19,064	114		100				3	1	96	39	8	102	0.64	187.5			
DF	4M	3		1,595	1,595	10		100			34	66			21	6	26	0.35	62.0			
DF Totals		100	.6	60,773	60,394	362		34	36	30	1	3	0	96	36	10	167	1.02	362.2			
Totals			0.6	60,773	60,394	362		34	36	30	1	3	0	96	36	10	167	1.02	362.2			

TC		PSTNDSUM										Stand Table Summary										Page		1	
																						Date:		10/28/2025	
TT5N RR3W S02 Ty00CC 6.00												Project		BIGLEAVE						Time:		9:36:55AM			
												Acres		6.00						Grown Year:					
S SpC	T				Tot						Average Log		Net		Net		T o t a l s								
		DBH	Sample Trees	FF 16'	Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Net Cu.Ft.	Net Bd.Ft.	Tons/ Acre	Cu.Ft. Acre	Bd.Ft. Acre	Tons	Cunits	MBF									
DF		10	1	86	100	14.668	8.00	14.67	12.8	60.0	5.34	187	880	32	11	5									
DF		13	1	88	88	8.679	8.00	17.36	13.5	50.0	6.69	235	868	40	14	5									
DF		14	2	87	117	14.967	16.00	29.93	19.7	90.0	16.80	590	2,694	101	35	16									
DF		15	1	87	125	6.519	8.00	13.04	23.6	105.0	8.76	307	1,369	53	18	8									
DF		16	4	86	108	22.918	32.00	51.57	22.5	92.2	33.14	1,163	4,756	199	70	29									
DF		17	2	87	121	10.151	16.00	25.38	25.8	110.0	18.65	654	2,791	112	39	17									
DF		18	2	86	132	9.054	16.00	22.64	29.1	118.0	18.75	658	2,671	112	39	16									
DF		19	1	84	120	4.063	8.00	8.13	38.1	130.0	8.82	309	1,056	53	19	6									
DF		21	4	86	127	13.304	32.00	39.91	34.0	146.7	38.65	1,356	5,854	232	81	35									
DF		22	1	87	140	3.031	8.00	9.09	41.1	193.3	10.64	373	1,758	64	22	11									
DF		23	4	86	142	11.091	32.00	33.27	45.7	210.8	43.38	1,522	7,015	260	91	42									
DF		24	4	87	144	10.186	32.00	30.56	50.4	230.8	43.85	1,539	7,054	263	92	42									
DF		25	2	87	147	4.694	16.00	14.08	55.2	253.3	22.15	777	3,567	133	47	21									
DF		27	2	87	160	4.024	16.00	12.07	69.8	355.0	24.03	843	4,286	144	51	26									
DF		28	2	87	160	3.742	16.00	13.10	64.5	334.3	24.07	845	4,378	144	51	26									
DF		29	1	86	155	1.744	8.00	5.23	78.5	396.7	11.71	411	2,075	70	25	12									
DF		30	1	87	180	1.630	8.00	6.52	76.0	390.0	14.11	495	2,542	85	30	15									
DF		33	1	85	173	1.347	8.00	5.39	82.7	425.0	12.70	446	2,290	76	27	14									
DF		36	1	85	180	1.132	8.00	4.53	103.4	550.0	13.34	468	2,490	80	28	15									
DF		Totals	37	86	124	146.943	296.00	356.45	37.0	169.4	375.56	13,178	60,394	2,253	791	362									
Totals			37	86	124	146.943	296.00	356.45	37.0	169.4	375.56	13,178	60,394	2,253	791	362									

TC		PLOGSTVB		Log Stock Table - MBF															
TT5N RR3W S02 Ty00CC				6.00		Project:		BIGLEAVE								Page		1	
						Acres		6.00								Date		10/28/2025	
																Time		9:36:53AM	
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	240		238	65.8					44	48	95	44	7			
DF		3M	24	0		0	.1			0									
DF		3M	30	3		3	.7					3							
DF		3M	32	2		2	.5			2									
DF		3M	36	4		4	1.0			4									
DF		3M	38	2		2	.5			2									
DF		3M	40	105		104	28.8			21	36	48							
DF		4M	12	0		0	.1			0									
DF		4M	16	2		2	.6			2									
DF		4M	18	0		0	.1				0								
DF		4M	20	1		1	.1			1									
DF		4M	22	2		2	.6			2									
DF		4M	26	1		1	.2			1									
DF		4M	28	1		1	.3			1									
DF		4M	30	2		2	.6			2									
DF		Totals		365		362	100.0			37	36	50	44	48	95	44	7		
Total		All Species		365		362	100.0			37	36	50	44	48	95	44	7		

TC PSTATS				PROJECT STATISTICS				PAGE	1		
				PROJECT	BIGLEAVE			DATE	10/28/2025		
TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt	
T5N	R3	02	U2	00CC		78.00	29	157	S	W	
				TREES		ESTIMATED TOTAL	PERCENT SAMPLE				
				PLOTS	TREES	PER PLOT	TREES	TREES			
TOTAL			29	157	5.4						
CRUISE			29	157	5.4	7,343	2.1				
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			129	63.4	22.7	148	37.4	177.9	50,408	50,229	9,701
DOUG FIR-S			1	.8	18.0	64	0.3	1.4			
R ALDER			18	22.1	14.4	78	6.6	24.8	1,936	1,936	708
WHEMLOCK			7	7.6	15.3	106	2.5	9.7	2,043	2,043	435
WR CEDAR			2	.3	41.1	134	0.4	2.8	576	576	112
TOTAL			157	94.1	20.5	127	47.8	216.6	54,963	54,784	10,956
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			74.1	6.5	1,236	1,323	1,409				
DOUG FIR-S											
R ALDER			46.7	11.3	88	99	111				
WHEMLOCK			92.7	37.7	399	641	883				
WR CEDAR			10.8	10.1	1,703	1,895	2,087				
TOTAL			86.1	6.9	1,072	1,151	1,230	296	74	33	
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			65.7	5.8	231	245	259				
DOUG FIR-S											
R ALDER			42.7	10.3	33	37	40				
WHEMLOCK			86.8	35.3	85	132	178				
WR CEDAR			12.1	11.3	327	369	411				
TOTAL			76.2	6.1	203	216	229	232	58	26	
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			84.1	15.9	53	63	73				
DOUG FIR-S			538.5	101.7		1	2				
R ALDER			237.8	44.9	12	22	32				
WHEMLOCK			302.6	57.1	3	8	12				
WR CEDAR			379.5	71.7	0	0	1				
TOTAL			55.1	10.4	84	94	104	126	31	14	
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			64.3	12.1	156	178	200				
DOUG FIR-S			538.5	101.7		1	3				
R ALDER			229.5	43.3	14	25	36				
WHEMLOCK			325.7	61.5	4	10	16				
WR CEDAR			373.9	70.6	1	3	5				
TOTAL			38.4	7.3	201	217	232	61	15	7	

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T5N	R3	02	U2	00CC	78.00	29	157	S	W

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		64.3	12.1	44,128	50,229	56,329			
DOUG FIR-S									
R ALDER		229.5	43.3	1,097	1,936	2,775			
WHEMLOCK		356.4	67.3	668	2,043	3,418			
WR CEDAR		385.4	72.8	157	576	995			
TOTAL		52.1	9.8	49,390	54,784	60,178	112	28	12

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		63.3	12.0	8,541	9,701	10,861			
DOUG FIR-S									
R ALDER		228.5	43.1	403	708	1,013			
WHEMLOCK		353.1	66.7	145	435	724			
WR CEDAR		386.2	72.9	30	112	194			
TOTAL		46.0	8.7	10,005	10,956	11,907	87	22	10

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																	
TT5N RR3W S02 Ty00CC 78.00				Project:				BIGLEAVE								Page				1	
				Acres				78.00								Date				10/28/2025	
																Time				9:32:34AM	
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	
					Def%	Gross	Net		4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99					
DF		CU															18	24		0.00	1.1
DF		2M		83	.4	42,163	41,984	3,275			34	66	1	0		99	40	17	487	2.24	86.1
DF		3M		15		7,628	7,628	595		100			0	1	4	95	39	8	99	0.63	77.1
DF		4M		2		616	616	48		100			49	51			19	6	24	0.33	26.2
DF Totals				92	.4	50,408	50,229	3,918		16	28	55	1	1	1	97	36	12	264	1.40	190.5
DF	S		CU														25	9		0.00	1.6
DF Totals																	25	9		0.00	1.6
RA			CU														18	7		0.00	1.1
RA			CR	100		1,936	1,936	151		100				13	12	75	36	8	82	0.83	23.7
RA Totals				4		1,936	1,936	151		100				13	12	75	35	8	78	0.81	24.9
RC			CU														30	30		0.00	.1
RC			2M	96		555	555	43				100	26			74	36	25	925	4.82	.6
RC			3M	4		21	21	2		58	42		42	58			23	10	70	1.22	.3
RC Totals				1		576	576	45		2	2	96	26	2		71	31	21	562	3.48	1.0
WH			2M	59		1,209	1,209	94			22	78				100	40	17	465	2.27	2.6
WH			3M	36		744	744	58		100					21	79	37	8	87	0.56	8.5
WH			4M	5		89	89	7		100			17	83			24	7	34	0.37	2.6
WH Totals				4		2,043	2,043	159		41	13	46	1	4	8	88	35	9	148	0.90	13.8
Totals					0.3	54,963	54,784	4,273		20	26	54	1	1	1	96	36	11	236	1.31	231.7

TC	PSTNDSUM	Stand Table Summary											Page	1		
														Date:	10/28/2025	
TT5N RR3W S02 Ty00CC78.00					ProjectBIGLEAVE								Time:	9:32:35AM		
					Acres78.00								Grown Year:			
S SpC	T	Tot						Average Log					T o t a l s			
		DBH	Sample Trees	FF 16'	Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Net Cu.Ft.	Net Bd.Ft.	Tons/ Acre	Cu.Ft. Acre	Bd.Ft. Acre	Tons	Cunits	MBF
DF		10	1	88	81	2.529	1.38	2.53	12.8	60.0	.92	32	152	72	25	12
DF		11	4	88	103	8.360	5.52	14.63	11.5	51.4	4.81	169	752	375	132	59
DF		12	1	87	130	1.756	1.38	3.51	15.0	75.0	1.50	53	263	117	41	21
DF		14	2	86	116	2.581	2.76	5.16	19.5	90.0	2.87	101	464	224	79	36
DF		15	1	92	132	1.124	1.38	3.37	18.6	86.7	1.79	63	292	140	49	23
DF		16	1	86	131	.988	1.38	2.96	19.7	86.7	1.66	58	257	130	46	20
DF		17	2	90	139	1.750	2.76	5.25	24.6	111.7	3.69	129	586	288	101	46
DF		18	3	87	135	2.342	4.14	7.02	25.8	111.1	5.16	181	781	403	141	61
DF		19	7	89	149	4.904	9.66	14.71	32.5	151.9	13.64	479	2,235	1,064	373	174
DF		20	7	88	150	4.426	9.66	13.28	36.8	171.4	13.92	488	2,276	1,086	381	178
DF		21	7	89	151	4.014	9.66	12.04	41.2	200.0	14.13	496	2,408	1,102	387	188
DF		22	6	88	156	3.135	8.28	9.41	45.3	216.1	12.14	426	2,033	947	332	159
DF		23	4	87	150	1.912	5.52	5.74	49.1	225.0	8.03	282	1,291	627	220	101
DF		24	3	87	158	1.317	4.14	4.39	44.4	212.0	5.55	195	931	433	152	73
DF		25	9	87	161	3.642	12.41	12.95	51.2	252.5	18.89	663	3,269	1,474	517	255
DF		26	8	87	170	2.993	11.03	11.22	55.1	280.0	17.63	618	3,142	1,375	482	245
DF		27	9	87	165	3.122	12.41	11.45	58.6	293.0	19.12	671	3,355	1,492	523	262
DF		28	7	88	180	2.258	9.66	8.71	64.9	347.8	16.12	565	3,029	1,257	441	236
DF		29	3	87	188	.902	4.14	3.61	71.4	387.5	7.35	258	1,398	573	201	109
DF		30	4	87	189	1.124	5.52	4.50	76.1	406.9	9.75	342	1,829	760	267	143
DF		31	3	87	186	.789	4.14	3.16	79.7	423.3	7.17	252	1,337	559	196	104
DF		32	6	87	182	1.482	8.28	5.68	88.9	488.7	14.40	505	2,776	1,123	394	217
DF		33	9	87	184	2.090	12.41	8.36	90.7	496.4	21.60	758	4,150	1,685	591	324
DF		34	2	88	181	.438	2.76	1.75	96.7	542.5	4.82	169	949	376	132	74
DF		35	1	89	173	.206	1.38	.83	101.6	587.5	2.39	84	485	186	65	38
DF		36	6	88	194	1.171	8.28	4.68	113.1	662.5	15.09	530	3,103	1,177	413	242
DF		37	3	87	202	.554	4.14	2.40	113.4	671.5	7.76	272	1,613	605	212	126
DF		38	2	88	186	.350	2.76	1.40	123.3	695.0	4.92	173	974	384	135	76
DF		39	1	87	192	.166	1.38	.67	133.6	772.5	2.53	89	514	198	69	40
DF		40	3	88	206	.474	4.14	2.21	128.2	771.4	8.09	284	1,707	631	221	133
DF		41	1	87	204	.150	1.38	.60	154.7	942.5	2.65	93	567	207	73	44
DF		46	1	86	188	.120	1.38	.48	179.1	1042.5	2.44	86	498	190	67	39
DF		50	1	80	201	.101	1.38	.40	146.3	937.5	1.69	59	379	132	46	30
DF		51	1	85	169	.097	1.38	.39	202.1	1112.5	2.24	79	433	175	61	34
DF		Totals	129	88	148	63.367	177.93	189.45	51.2	265.1	276.48	9,701	50,229	21,566	7,567	3,918
WH		9	1	85	73	3.122	1.38	3.12	10.2	50.0	1.02	32	156	80	25	12
WH		13	1	86	121	1.496	1.38	2.99	18.2	80.0	1.75	55	239	136	43	19
WH		14	1	86	124	1.290	1.38	2.58	23.6	105.0	1.95	61	271	152	47	21
WH		18	1	86	130	.781	1.38	2.34	28.0	116.7	2.10	66	273	164	51	21
WH		27	1	86	130	.347	1.38	1.04	64.1	293.3	2.13	67	305	166	52	24
WH		30	2	87	155	.562	2.76	1.69	91.9	473.3	4.96	155	798	387	121	62
WH		Totals	7	86	106	7.598	9.66	13.76	31.6	148.4	13.90	435	2,043	1,085	339	159
RA		11	1	86	66	2.090	1.38	2.09	15.8	60.0	.91	33	125	71	26	10
RA		12	3	74	69	5.269	4.14	5.27	18.2	53.3	2.64	96	281	206	75	22
RA		13	2	74	71	2.993	2.76	2.99	24.1	60.0	1.98	72	180	154	56	14
RA		14	1	74	75	1.290	1.38	1.29	29.9	70.0	1.06	39	90	83	30	7
RA		15	4	73	86	4.496	5.52	4.50	34.9	90.0	4.32	157	405	337	122	32
RA		16	1	74	83	.988	1.38	.99	38.5	90.0	1.05	38	89	82	30	7
RA		17	3	74	90	2.625	4.14	3.50	39.1	107.5	3.77	137	376	294	107	29
RA		18	3	73	92	2.342	4.14	3.12	43.8	125.0	3.76	137	390	293	107	30
RA		Totals	18	75	78	22.092	24.83	23.75	29.8	81.5	19.47	708	1,936	1,519	552	151

TC		PSTNDSUM		Stand Table Summary										Page		2						
														Date:		10/28/2025						
				TT5N RR3W S02 Ty00CC		78.00		Project		BIGLEAVE		Time:		9:32:35AM								
								Acres		78.00		Grown Year:										
S	Sp	T	Sample		FF	Av	Tot	Trees/		BA/	Logs	Average Log		Net		Net		T o t a l s				
												Net	Net	Tons/	Cu.Ft.	Bd.Ft.	Acre				Acre	Acre
			DBH	Trees	16'	Ht		Acres	Acres	Acres		Net	Net	Tons/	Cu.Ft.	Bd.Ft.	Acre	Acre	Acre	Tons	Cunits	MBF

[illegible]

TC		PLOGSTVB		Log Stock Table - MBF																	
TT5N RR3W S02 Ty00CC78.00				Project:		BIGLEAVE												Page		2	
				Acres		78.00												Date		10/28/2025	
																		Time		9:32:33AM	
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+		
RC		2M	40	32		32	71.4							13		19					
RC		3M	14	1		1	1.5					1									
RC		3M	30	1		1	2.1				1										
RC		Totals		45		45	1.1			1		1		13		19		11			
WH		2M	40	94		94	59.2					21		36		37					
WH		3M	32	12		12	7.6			12											
WH		3M	40	46		46	28.8			6	25	15									
WH		4M	18	1		1	.8			1											
WH		4M	26	6		6	3.6			6											
WH		Totals		159		159	3.7			25	25	15	21	36		37					
Total		All Species		4,287		4,273	100.0			302	265	292	366	563	1001	744	636	103			

TC PSTATS				PROJECT STATISTICS				PAGE	1		
				PROJECT	BIGLEAVE			DATE	10/28/2025		
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt		
T5N	R3	02	U3	00CC	4.00	2	11	S	W		
				TREES	ESTIMATED	PERCENT					
				PER PLOT	TOTAL	SAMPLE					
				TREES	TREES	TREES					
TOTAL			2	11	5.5						
CRUISE			2	11	5.5	350	3.1				
DBH COUNT											
REFOREST											
COUNT											
BLANKS											
100 %											
STAND SUMMARY											
				AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
				DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
DOUG FIR			10	62.0	24.3	147	40.6	200.0	47,660	47,660	9,845
R ALDER			1	25.5	12.0	74	5.8	20.0	1,528	1,528	484
TOTAL			11	87.5	21.5	126	47.5	220.0	49,188	49,188	10,330
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		56.0	18.6	806	990	1,174					
R ALDER											
TOTAL		65.8	20.8	717	905	1,094	190	48	21		
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		44.8	14.9	168	198	227					
R ALDER											
TOTAL		55.0	17.4	150	182	213	133	33	15		
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		15.5	14.5	53	62	71					
R ALDER		141.4	132.4		25	59					
TOTAL		52.2	48.9	45	87	130	191	48	21		
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		28.3	26.5	147	200	253					
R ALDER		141.4	132.4		20	46					
TOTAL		12.9	12.0	194	220	246	12	3	1		
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		49.7	46.5	25,492	47,660	69,829					
R ALDER		141.4	132.4		1,528	3,551					
TOTAL		43.7	41.0	29,043	49,188	69,334	134	34	15		
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		38.4	35.9	6,308	9,845	13,383					
R ALDER		141.4	132.4		484	1,126					
TOTAL		29.9	28.0	7,434	10,330	13,226	63	16	7		

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																							
TT5N RR3W S02 Ty00CC 4.00				Project:		BIGLEAVE										Page		1									
																				Acres		4.00		Date		10/28/2025	
S 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														12	27		0.00	2.8							
DF		2M	84		40,163	40,163	161			31	69	5			95	39	16	440	2.19	91.2							
DF		3M	15		7,166	7,166	29		100				2	4	93	39	8	95	0.63	75.4							
DF		4M	1		331	331	1		100			47	53			19	6	23	0.46	14.7							
DF Totals			97		47,660	47,660	191		16	26	58	5	1	1	94	37	12	259	1.44	184.1							
RA					1,528	1,528	6		100			100				32	7	60	0.59	25.5							
RA Totals			3		1,528	1,528	6		100			100				32	7	60	0.59	25.5							
Totals					49,188	49,188	197		18	25	57	5	1	4	91	37	12	235	1.35	209.6							

TC		PSTNDSUM										Stand Table Summary										Page		1	
																						Date:		10/28/2025	
TT5N RR3W S02 Ty00CC					4.00					Project					BIGLEAVE					Time:		9:27:07AM			
										Acres					4.00					Grown Year:					
S Spc	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		15	1	87	127	16.297	20.00	32.59	23.6	105.0	21.89	768	3,422	88	31	14									
DF		24	1	73	148	6.366	20.00	19.10	46.7	163.3	25.40	891	3,119	102	36	12									
DF		25	3	88	145	17.601	60.00	52.80	56.0	262.2	84.32	2,959	13,846	337	118	55									
DF		26	2	87	162	10.849	40.00	37.97	54.4	261.4	58.82	2,064	9,927	235	83	40									
DF		28	1	87	162	4.677	20.00	14.03	74.9	393.3	29.95	1,051	5,519	120	42	22									
DF		33	1	86	170	3.367	20.00	13.47	85.2	460.0	32.72	1,148	6,196	131	46	25									
DF		36	1	87	172	2.829	20.00	11.32	85.2	497.5	27.49	965	5,631	110	39	23									
DF		Totals		10	86	147	61.988	200.00	181.29	54.3	262.9	280.59	9,845	47,660	1,122	394	191								
RA		12	1	73	74	25.465	20.00	25.46	19.0	60.0	13.32	484	1,528	53	19	6									
RA		Totals		1	73	74	25.465	20.00	25.46	19.0	60.0	13.32	484	1,528	53	19	6								
Totals		11			82	126	87.453	220.00	206.75	50.0	237.9	293.92	10,330	49,188	1,176	413	197								

TC		PLOGSTVB		Log Stock Table - MBF																			
TT5N RR3W S02 Ty00CC4.00				Project: BIGLEAVE				Page 1				Date 10/28/2025				Time 9:27:04AM							
				Acres 4.00																			
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	20	8		8	4.3										8						
DF		2M	40	152		152	79.9					19		31	67	23	14						
DF		3M	26	1		1	.4				1												
DF		3M	34	1		1	.7				1												
DF		3M	38	1		1	.7				1												
DF		3M	40	25		25	13.3				6	6	14										
DF		4M	12	0		0	.1				0												
DF		4M	16	0		0	.2					0											
DF		4M	28	1		1	.4				1												
DF		Totals		191		191	96.9			9	7	14	19	31	67	23	22						
RA		CR	32	6		6	100.0			6													
RA		Totals		6		6	3.1			6													
Total		All Species		197		197	100.0			15	7	14	19	31	67	23	22						

Volume Summary
(Shown in MBF)
Big Leaves
FG-341-2026-W01234-01
November 2025

UNIT 1: Clearcut (6 Acres)

SPECIES		2 SAW	3 SAW	4 SAW	CAMP RUN	TOTAL
Douglas-fir	Cruise Volume	238	114	10	0	362
	Hidden D&B (2%)	(5)	(2)	(0)	(0)	(7)
	NET TOTAL	233	112	10	0	355
	% of Total	66	32	2	0	

UNIT 2: Clearcut (78 Acres)

SPECIES		2 SAW	3 SAW	4 SAW	CAMP RUN	TOTAL
Douglas-fir	Cruise Volume	3,275	595	48	0	3,918
	Hidden D&B (2%)	(66)	(12)	(1)	0	(79)
	NET TOTAL	3,209	583	47	0	3,839
	% of Total	84	15	1	0	
Western hemlock	Cruise Volume	94	58	7	0	159
	Hidden D&B (2%)	(2)	(1)	(0)	(0)	(3)
	NET TOTAL	92	57	7	0	156
	% of Total	59	37	4	0	
Red alder	Cruise Volume	0	0	0	151	151
	Hidden D&B (5%)	(0)	(0)	(0)	(8)	(8)
	NET TOTAL	0	0	0	143	143
	% of Total	0	0	0	100	
Western redcedar	Cruise Volume	43	2	0	0	45
	Hidden D&B (2%)	(1)	(0)	(0)	(0)	(1)
	NET TOTAL	42	2	0	0	44
	% of Total	95	5	0	0	

UNIT 3: Clearcut (4 Acres)

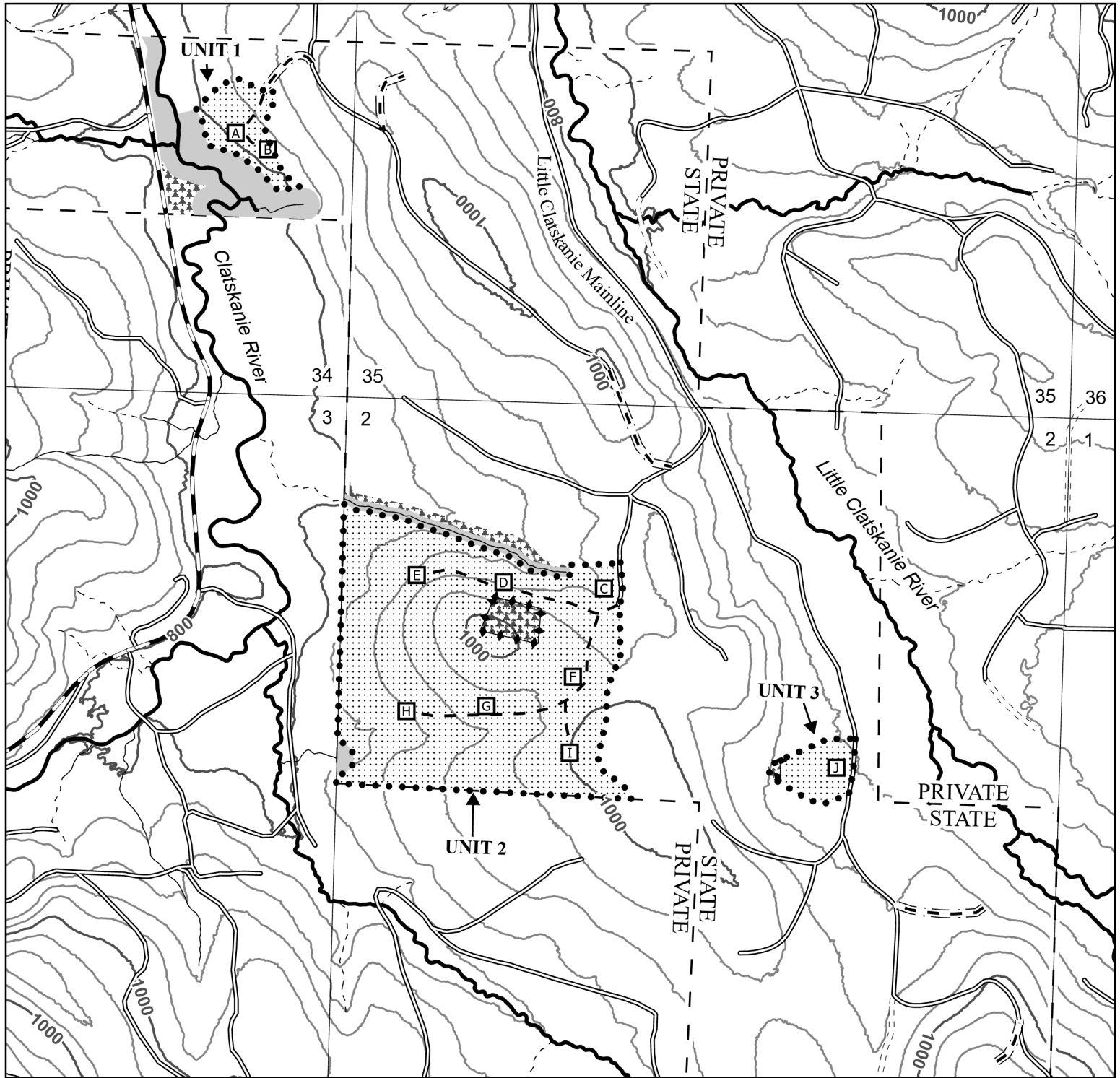
SPECIES		2 SAW	3 SAW	4 SAW	CAMP RUN	TOTAL
Douglas-fir	Cruise Volume	161	29	1	0	191
	Hidden D&B (2%)	(3)	(1)	(0)	(0)	(4)
	NET TOTAL	158	28	1	0	187
	% of Total	84	15	1	0	
Red alder	Cruise Volume	0	0	0	6	6
	Hidden D&B (5%)	(0)	(0)	(0)	(0)	(0)
	NET TOTAL	0	0	0	6	6
	% of Total	0	0	0	100	

UNIT 4: R/W (6 Acres)

SPECIES		2 SAW	3 SAW	4 SAW	CAMP RUN	TOTAL
Douglas-fir	Cruise Volume	14	86	44	0	144
	Hidden D&B (2%)	(0)	(2)	(1)	0	(3)
	NET TOTAL	14	84	43	0	141
	% of Total	10	60	30	0	

SALE TOTAL

SPECIES	2 SAW	3 SAW	4 SAW	CAMP RUN	TOTAL
Douglas-fir	3,614	807	101	0	4,522
Western hemlock	92	57	7	0	156
Red alder	0	0	0	149	149
Western redcedar	42	2	0	0	44
Total	3,748	866	108	149	4,871



Legend

- • Timber Sale Boundary
- ◆ ◆ Reserve Tree Boundary
- Posted Right-of-Way Boundary
- - - ODF Ownership Boundary
- Paved Road
- Surfaced Road
- - - Unsurfaced Road
- - - New Road Construction
- Type-F Stream
- Type-N Stream Perennial
- - - Type-N Stream Seasonal
- Stream Buffer
- • • • • Tractor Yarding Area
- Tractor Landing
- ★ ★ ★ ★ Reserve Tree Area
- 40 Foot Contour Bands
- 200 Foot Contour Bands
- Section Lines

LOGGING PLAN

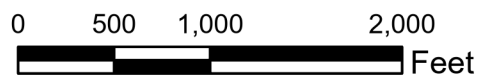
FOR TIMBER SALE CONTRACT #FG-341-2026-W01234-01
BIG LEAVES
PORTIONS OF SECTIONS 2, 4, 9, & 23, T5N, R3W, W.M.
PORTIONS OF SECTIONS 34 & 35, T6N R3W, W.M.
COLUMBIA COUNTY, OREGON

Forest Grove District GIS
January, 2026

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

1:12,000

1 inch = 1000 feet



APPROXIMATE NET ACRES

	TRACTOR	CABLE
UNIT 1	6	0
UNIT 2	78	0
UNIT 3	4	0
UNIT 4	6	0
TOTAL	94	0