Timber Sale Appraisal
Timbercat

Sale FG-341-2025-W01161-01

District: Forest Grove

Date: February 26, 2025

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	$1,505,033.77	$4,703.16	$1,509,736.93
		Project Work:	($103,948.00)
		Advertised Value:	$1,405,788.93

Timber Sale Appraisal
Timbercat

Sale FG-341-2025-W01161-01

District: Forest Grove **Date: February 26, 2025**

Timber Description

Location:

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	19	0	98
Western Hemlock / Fir	29	0	98
Red Cedar	23	0	98
Alder (Red)	15	0	95

Volume by Grade	2S	3S & 4S 6"-11"	3S	4S	Camprun	Total
Douglas - Fir	1,944	852	0	0	0	2,796
Western Hemlock / Fir	165	11	0	0	0	176
Red Cedar	120	0	55	2	0	177
Alder (Red)	0	0	0	0	28	28
Total	2,229	863	55	2	28	3,177

Comments: LOCAL POND VALUES, JANUARY 2025

OTHER CONIFERS:
STUMPAGE PRICE = POND VALUE - DOUG-FIR LOGGING COST
$149.90 = $530.31 - $380.41

BIGLEAF MAPLE AND OTHER HARDWOODS:
STUMPAGE PRICE = POND VALUE - DOUG-FIR LOGGING COST
$36.97 = $360.00 - $323.03

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): N/A

OTHER COSTS (NO PROFIT & RISK ADDED):

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

TOTAL OTHER COSTS (NO P&R) = $11,000

SLASH TREATMENT: 15 ACRES X $250/ACRE = $3,750

ROAD MAINTENANCE (INCLUDES SPOT ROCKING, GRADING, & ROLLING):
MOVE IN: $6,127.90
GENERAL ROAD MAINT: 0.8 miles X $4,911.62 = $3,929.29
TOTAL ROAD MAINTENANCE: $10,057.19 / 3,177 MBF = $3.16/MBF

Timber Sale Appraisal
Timbercat

Sale FG-341-2025-W01161-01

District: Forest Grove **Date: February 26, 2025**

Logging Conditions

Combination#: 1

Douglas - Fir	64.00%
Western Hemlock / Fir	64.00%
Red Cedar	64.00%
Alder (Red)	64.00%

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: 16 **bd. ft / load:** 4600

cost / mbf: $135.87

machines: Forwarder
Harvester

Combination#: 2

Douglas - Fir	36.00%
Western Hemlock / Fir	36.00%
Red Cedar	36.00%
Alder (Red)	36.00%

Logging System: Cable: Small Tower <=40 **Process:** Manual Falling/Delimbing

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

tree size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF

loads / day: 8 **bd. ft / load:** 4600

cost / mbf: $201.95

machines: Log Loader (A)
Tower Yarder (Small)

District: Forest Grove **Date: February 26, 2025**

Logging Costs

Operating Seasons:	2.00	**Profit Risk:**	15%
Project Costs:	$103,948.00	**Other Costs (P/R):**	$0.00
Slash Disposal:	$3,750.00	**Other Costs:**	$11,000.00

Miles of Road

Road Maintenance: $3.16

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	4.6
Western Hemlock / Fir	$0.00	2.0	4.0
Red Cedar	$0.00	2.0	4.0
Alder (Red)	$0.00	3.0	4.0

Timber Sale Appraisal
Timbercat

Sale FG-341-2025-W01161-01

District: Forest Grove **Date: February 26, 2025**

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
$159.66	$3.22	$2.76	$92.39	$0.00	$38.70	$1.18	$2.00	$3.46	$303.37
Western Hemlock / Fir									
$159.66	$3.22	$2.76	$159.38	$0.00	$48.75	$1.18	$2.00	$3.46	$380.41
Red Cedar									
$159.66	$3.22	$2.76	$159.38	$0.00	$48.75	$1.18	$2.00	$3.46	$380.41
Alder (Red)									
$159.66	$3.32	$2.76	$109.38	$0.00	$41.27	$1.18	$2.00	$3.46	$323.03

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	$0.00	$776.98	$473.61	$0.00
Western Hemlock / Fir	$0.00	$530.31	$149.90	$0.00
Red Cedar	$0.00	$1,252.94	$872.53	$0.00
Alder (Red)	$0.00	$491.00	$167.97	$0.00

Timber Sale Appraisal
Timbercat

Sale FG-341-2025-W01161-01

District: Forest Grove **Date: February 26, 2025**

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	2,796	$473.61	$1,324,213.56
Western Hemlock / Fir	176	$149.90	$26,382.40
Red Cedar	177	$872.53	$154,437.81
Alder (Red)	28	$167.97	$4,703.16

Gross Timber Sale Value

Recovery: $1,509,736.93

Prepared By: Shamus Smith **Phone:** 503-357-2191

TIMBER SALE SUMMARY
Timbercat
#FG-341-2025-W01161-01

1. **Location:** Portions of Sections 15, T2N, R5W, W.M., Washington County, Oregon.

2. **Type of Sale:** The Timber Sale Area consists of one 54 acre 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, 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 January of 2025. For more information, see Cruise Report.

6. **Timber Description:** The Timber Sale Area consists of a well-stocked, 61-86 year-old stand of Douglas-fir with minor components of western red cedar, western hemlock, noble fir, and bigleaf maple. This timber stand has an average of 280 ft^2 of basal area (all species), an average Douglas-fir basal area of 219 ft^2 and an average Douglas-fir DBH of 19 inches. The estimated average net Douglas-fir volume is approximately 51.8 MBF per acre.

7. **Topography and Logging Method:** Slopes within the Timber Sale Area range from 5% to 70% with predominantly northern aspects. The Timber Sale Area is 64% ground-based yarding and 36% cable yarding. The average horizontal skid trail length is 400-500 feet and the maximum is approximately 700 feet. The average cable yarding distance is 500-600 feet and the maximum is approximately 700 feet.

8. **Access:** All access to the Timber Sale Area is on surfaced roads. From Forest Grove, travel northwest on Highway 8 to its junction with Highway 6. Turn left onto Highway 6 and proceed approximately 3.2 miles to Timber Road. Turn right onto Timber Road and proceed 1 mile to an unnamed gated spur road and turn left. Follow unnamed spur road for approximately 0.8 miles to access the southwest portion of the Timber Sale Area.

9. **Projects:**

Project No. 1: Road Improvement	$29,268.95
Project No. 2: Rocked Road Construction	$74,679.05
Total Credit for all Projects	$103,948.00

PROJECT COST SUMMARY SHEET

Timber Sale: Timbercat
Sale Number: FG-341-2025-W01161-01

PROJECT NO. 1: ROAD IMPROVEMENT

Road Segment	Length	Cost
A to B	42+00	$ 27,999.53
	42+00 stations	
	0.80 miles	

Total Rock =

48 cy	1½" - 0
1,461 cy	3" - 0
84 cy	Pit-run

Move-in = $ 1,269.49

TOTAL PROJECT COST = $ 29,269.02

PROJECT NO. 2: ROCKED ROAD CONSTRUCTION

Road Segment	Length	Cost
B to C	16+00	$ 28,984.35
D to E	3+00	$ 6,728.03
F to G	8+00	$ 16,629.19
H to I	6+00	$ 13,642.62
J to K	2+00	$ 5,455.73
	35+00 stations	
	0.66 miles	

Total Rock =

3,188 cy	3" - 0
900 cy	Pit-run

Move-in = $ 3,239.06

TOTAL PROJECT COST = $ 74,678.98

TOTAL CREDITS = $ 103,948.00

SUMMARY OF CONSTRUCTION COST

Timber Sale: Timbercat Sale Number: FG-341-2025-W01161-01

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

Equipment	Total
Grader	$ 215.64
Roller (smooth/grid) & Compactor	$ 206.26
Excavator	$ 1,465.64
Dozer	$ 1,465.64
Dump Truck	$ 928.39
Water Truck	$226.98

TOTAL MOVE-IN COSTS = $ 4,508.55

SUMMARY OF CONSTRUCTION COST

Timber Sale: Timbercat | Sale Number: FG-341-2025-W01161-01

Road Segment: A to B | Improvement: 42+00 stations; 0.80 miles

PROJECT NO. 1: ROAD IMPROVEMENT

IMPROVEMENT						
Clearing & grubbing (scatter)	0.49	ac @	$1,692.00	per acre =	$ 829.08	
Clean ditch & scatter waste material	42.00	sta @	$ 66.00	per sta =	$ 2,772.00	
Clean culvert inlet & outlet, scatter waste	2	ea @	$ 27.50	per ea =	$ 55.00	
Construct settling pond	6	ea @	$ 27.50	per ea =	$ 165.00	
Contruct turnout	1	ea @	$ 72.60	per ea =	$ 72.60	
Improve turnout	4	ea @	$ 36.30	per ea =	$ 145.20	
Grade, ditch, & roll	42.00	sta @	$ 39.65	per sta =	$ 1,665.30	
				TOTAL IMPROVEMENT COSTS =		$ 5,704.18

CULVERTS						
Culverts and Bands						
24" Diameter	80	lf @	$ 31.90	per lf =	$ 2,552.00	
Markers & Stakes						
Culvert markers	2	ea @	$ 12.00	per ea =	$ 24.00	
				TOTAL CULVERT COSTS =		$ 2,576.00

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	1½" - 0	$ 1.15	$ 9.41	$ 0.55	48	$ 533.28
Subgrade reinforcement	Pit-run	$ 1.15	$ 9.41	$ 0.85	84	$ 958.44
				Subtotal =	132	$ 1,491.72
Surfacing rock						
Surfacing rock	3" - 0	$ 1.15	$ 9.41	$ 1.35	1,302	$15,506.82
Junction	3" - 0	$ 1.15	$ 9.41	$ 1.35	36	$ 428.76
Turnout	3" - 0	$ 1.15	$ 9.41	$ 1.35	70	$ 833.70
Curve widening	3" - 0	$ 1.15	$ 9.41	$ 1.35	53	$ 631.23
				Subtotal =	1,461	$17,400.51

Totals	
All Rock =	1,593
1½" - 0	48
3" - 0	1,461
Pit-run	84

TOTAL ROCK COSTS = $ 18,892.23

EROSION CONTROL						
Grass seed & fertilizer	0.49	ac @	$ 698.00	per ac =	$ 342.02	
Straw mulch acre	0.49	ac @	$ 990.00	per ac =	$ 485.10	
				TOTAL EROSION CONTROL COSTS =		$ 827.12

TOTAL PROJECT COST = $ 27,999.53

SUMMARY OF CONSTRUCTION COST

Timber Sale: Timbercat | Sale Number: FG-341-2025-W01161-01

Road Segment: B to C | Construction: 16+00 stations; 0.30 miles

PROJECT NO. 2: ROCKED ROAD CONSTRUCTION

CONSTRUCTION						
Clearing & grubbing (scatter)	1.84	ac @	$ 1,692.00	per ac =	$	3,113.28
Balanced road construction	16.00	sta @	$ 120.00	per sta =	$	1,920.00
Turnout	2	ea @	$ 72.60	per ea =	$	145.20
Turnaround	3	ea @	$ 90.75	per ea =	$	272.25
Roadside landing	2	ea @	$ 181.50	per ea =	$	363.00
Landing	1	ea @	$ 345.40	per ea =	$	345.40
Grade, ditch, & roll	16.00	sta @	$ 39.65	per sta =	$	634.40
				TOTAL CONSTRUCTION COSTS =	$	6,793.53

CULVERTS						
Culverts and Bands						
18" Diameter	30	lf @	$ 22.05	per lf =	$	661.50
Markers & Stakes						
Culvert markers	1	ea @	$ 12.00	per ea =	$	12.00
				TOTAL CULVERT COSTS =	$	673.50

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Surfacing rock						
Surfacing rock	3" - 0	$ 1.15	$ 9.93	$ 1.35	1,040	$ 12,927.20
Junction	3" - 0	$ 1.15	$ 9.93	$ 1.35	72	$ 894.96
Turnout	3" - 0	$ 1.15	$ 9.93	$ 1.35	58	$ 720.94
Turnaround	3" - 0	$ 1.15	$ 9.93	$ 1.35	60	$ 745.80
Roadside landing	3" - 0	$ 1.15	$ 9.93	$ 1.35	190	$ 2,361.70
Landing	Pit-run	$ 1.15	$ 9.93	$ 1.35	180	$ 2,237.40
				Subtotal =	1,600	$ 19,888.00

Totals		
	All Rock =	1,600
	3" - 0	1,420
	Pit-run	180

TOTAL ROCK COSTS = $ 19,888.00

EROSION CONTROL						
Grass seed & fertilizer	0.92	ac @	$ 781.00	per ac =	$	718.52
Straw mulch (acre)	0.92	ac @	$ 990.00	per ac =	$	910.80
				TOTAL EROSION CONTROL COSTS =	$	1,629.32

TOTAL PROJECT COST = $ 28,984.35

SUMMARY OF CONSTRUCTION COST

Timber Sale: Timbercat | Sale Number: FG-341-2025-W01161-01

Road Segment: D to E | Construction: 3+00 stations; 0.06 miles

PROJECT NO. 2: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.35	ac @	$ 1,692.00	per ac =	$	592.20
Balanced road construction	3.00	sta @	$ 120.00	per sta =	$	360.00
Turnaround	1	ea @	$ 90.75	per ea =	$	90.75
Landing	1	ea @	$ 345.40	per ea =	$	345.40
Grade, ditch, & roll	3.00	sta @	$ 39.65	per sta =	$	118.95

TOTAL CONSTRUCTION COSTS = $ 1,507.30

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Surfacing rock						
Surfacing rock	3" - 0	$ 1.15	$ 9.91	$ 1.35	195	$ 2,419.95
Turnaround	3" - 0	$ 1.15	$ 9.91	$ 1.35	20	$ 248.20
Landing	Pit-run	$ 1.15	$ 9.91	$ 1.35	180	$ 2,233.80
				Subtotal =	395	$ 4,901.95

Totals		
	All Rock =	395
	3" - 0	215
	Pit-run	180

TOTAL ROCK COSTS = $ 4,901.95

EROSION CONTROL

Grass seed & fertilizer	0.18	ac @	$ 781.00	per ac =	$	140.58
Straw mulch (acre)	0.18	ac @	$ 990.00	per ac =	$	178.20

TOTAL EROSION CONTROL COSTS = $ 318.78

TOTAL PROJECT COST = $ 6,728.03

SUMMARY OF CONSTRUCTION COST

Timber Sale: Timbercat | Sale Number: FG-341-2025-W01161-01

Road Segment: F to G | Construction: 8+00 stations; 0.15 miles

PROJECT NO. 2: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.92	ac @	$ 1,692.00	per ac =	$ 1,556.64
Balanced road construction	6.50	sta @	$ 120.00	per sta =	$ 780.00
Drift	1.50	sta @	$ 198.00	per sta =	$ 297.00
Turnout	1	ea @	$ 72.60	per ea =	$ 72.60
Turnaround	2	ea @	$ 90.75	per ea =	$ 181.50
Roadside landing	2	ea @	$ 181.50	per ea =	$ 363.00
Landing	1	ea @	$ 345.40	per ea =	$ 345.40
Grade, ditch, & roll	8.00	sta @	$ 39.65	per sta =	$ 317.20

TOTAL CONSTRUCTION COSTS = $ 3,913.34

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Surfacing rock						
Surfacing rock	3" - 0	$ 1.15	$ 9.91	$ 1.35	520	$ 6,453.20
Turnout	3" - 0	$ 1.15	$ 9.91	$ 1.35	29	$ 359.89
Turnaround	3" - 0	$ 1.15	$ 9.91	$ 1.35	40	$ 496.40
Roadside landing	3" - 0	$ 1.15	$ 9.91	$ 1.35	190	$ 2,357.90
Landing	Pit-run	$ 1.15	$ 9.91	$ 1.35	180	$ 2,233.80
				Subtotal =	959	$ 11,901.19

Totals	
All Rock =	959
3" - 0	779
Pit-run	180

TOTAL ROCK COSTS = $ 11,901.19

EROSION CONTROL

Grass seed & fertilizer	0.46	ac @	$ 781.00	per ac =	$ 359.26
Straw mulch (acre)	0.46	ac @	$ 990.00	per ac =	$ 455.40

TOTAL EROSION CONTROL COSTS = $ 814.66

TOTAL PROJECT COST = $ 16,629.19

SUMMARY OF CONSTRUCTION COST

Timber Sale: Timbercat | Sale Number: FG-341-2025-W01161-01

Road Segment: H to I | Construction: 6+00 stations; 0.11 miles

PROJECT NO. 2: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.69	ac @	$ 1,692.00	per ac =	$	1,167.48
Balanced road construction	6.00	sta @	$ 120.00	per sta =	$	720.00
Turnaround	1	ea @	$ 90.75	per ea =	$	90.75
Roadside landing	2	ea @	$ 181.50	per ea =	$	363.00
Landing	1	ea @	$ 345.40	per ea =	$	345.40
Grade, ditch, & roll	6.00	sta @	$ 39.65	per sta =	$	237.90

TOTAL CONSTRUCTION COSTS = $ 2,924.53

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Surfacing rock						
Surfacing rock	3" - 0	$ 1.15	$ 10.06	$ 1.35	390	$ 4,898.40
Junction	3" - 0	$ 1.15	$ 10.06	$ 1.35	24	$ 301.44
Turnaround	3" - 0	$ 1.15	$ 10.06	$ 1.35	20	$ 251.20
Roadside landing	3" - 0	$ 1.15	$ 10.06	$ 1.35	190	$ 2,386.40
Landing	Pit-run	$ 1.15	$ 10.06	$ 1.35	180	$ 2,260.80
				Subtotal =	804	$ 10,098.24

Totals		
	All Rock =	804
	3" - 0	624
	Pit-run	180

TOTAL ROCK COSTS = $ 10,098.24

EROSION CONTROL

Grass seed & fertilizer	0.35	ac @	$ 781.00	per ac =	$	273.35
Straw mulch (acre)	0.35	ac @	$ 990.00	per ac =	$	346.50

TOTAL EROSION CONTROL COSTS = $ 619.85

TOTAL PROJECT COST = $ 13,642.62

SUMMARY OF CONSTRUCTION COST

Timber Sale: Timbercat | Sale Number: FG-341-2025-W01161-01

Road Segment: J to K | Construction: 2+00 stations; 0.04 miles

PROJECT NO. 2: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.23	ac @	$ 1,692.00	per ac =	$ 389.16
Balanced road construction	2.00	sta @	$ 120.00	per sta =	$ 240.00
Turnaround	1	ea @	$ 90.75	per ea =	$ 90.75
Landing	1	ea @	$ 345.40	per ea =	$ 345.40
Grade, ditch, & roll	2.00	sta @	$ 39.65	per sta =	$ 79.30

TOTAL CONSTRUCTION COSTS = $ 1,144.61

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Surfacing rock						
Surfacing rock	3" - 0	$ 1.15	$ 9.92	$ 1.35	130	$ 1,614.60
Turnaround	3" - 0	$ 1.15	$ 9.92	$ 1.35	20	$ 248.40
Landing	Pit-run	$ 1.15	$ 9.92	$ 1.35	180	$ 2,235.60
				Subtotal =	330	$ 4,098.60

Totals		
	All Rock =	330
	3" - 0	150
	Pit-run	180

TOTAL ROCK COSTS = $ 4,098.60

EROSION CONTROL

Grass seed & fertilizer	0.12	ac @	$ 781.00	per ac =	$ 93.72
Straw mulch (acre)	0.12	ac @	$ 990.00	per ac =	$ 118.80

TOTAL EROSION CONTROL COSTS = $ 212.52

TOTAL PROJECT COST = $ 5,455.73

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale:	Timbercat
Sale Number:	FG-341-2025-W01161-01
Stockpile Name:	Wildcat
1 1/2" - 0:	48 cy (truck measure)
3" -0:	4,649 cy (truck measure)
Pit-run:	984 cy (truck measure)
Total truck yardage:	5,681 cy

Move-in						
Move in loader						$ 838.94
Move in Dump Trucks						$ 538.90
					Subtotal =	$ 1,377.84
					Per CY =	$ 0.25
1 1/2"-0, 3"-0 & Pit-Run Base Cost						
Load dump truck	$ 0.90	/ cy x	5,681	cy =		$ 5,112.90
					Subtotal =	$ 5,112.90
					Per CY =	$ 0.90

1 1/2"-0 Cost =	**$ 1.15**
3"-0 Cost =	**$ 1.15**
Pit-Run Cost =	**$ 1.15**

CRUISE REPORT
Timbercat
#FG-341-2025-W01161-01

1. LOCATION:

Portions of Section 15, T2N, R5W, W.M., Washington County, Oregon.

2. CRUISE DESIGN:

The timber cruise was designed using an estimated coefficient of variation (CV) of 48%, average stand diameter of 19 inches, sampling error (SE) of 11% and a minimum of 100 grade trees.

3. SAMPLING METHOD:

The Timber Sale Area was cruised in January of 2025 with 19 variable radius grade plots using a 40 BAF prism. Plots were laid out 5 chain x 5 chain grid. Plots falling on or near existing roads or no-harvest areas were offset 1 chain.

4. CRUISE RESULTS:

133 trees were measured and graded producing a standard error of 12% on the Douglas-fir Basal Area and 12.8% 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 Shamus Smith.

Prepared by: Shamus Smith Date: 2-3-2025

Reviewed by: Mark Savage Date: 2-3-2025

TC PSTATS

PROJECT STATISTICS

PROJECT TMBRCAT

DATE 2/3/2025

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T2N	R5	15	00U1	00CC	54.00	19	138	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	19	138	7.3		
CRUISE	19	138	7.3	7,968	1.7
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	104	113.8	18.8	131	50.5	218.9	53,096	52,852	10,523	10,523
DOUG FIR-S	4	5.7	16.5	100	2.1	8.4				
BL MAPLE	13	14.2	18.8	97	6.3	27.4	4,529	4,398	823	823
BL MAPLE-S	1	1.2	18.0	46	0.5	2.1				
WR CEDAR	9	6.7	22.8	119	4.0	18.9	3,364	3,354	805	805
NOB FIR	3	1.3	29.3	162	1.2	6.3	2,024	2,018	357	357
R ALDER	2	3.7	14.5	93	1.1	4.2	545	545	113	113
WHEMLOCK	2	.9	28.5	144	0.8	4.2	1,305	1,305	229	229
TOTAL	*138*	*147.6*	*19.0*	*125*	*66.7*	*290.5*	*64,864*	*64,472*	*12,850*	*12,850*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL 68.1 SD: 1.0

SAMPLE TREES - BF

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR	94.8	9.3	770	849	928			
DOUG FIR-S								
BL MAPLE	94.1	27.1	358	492	625			
BL MAPLE-S								
WR CEDAR	58.3	20.6	593	747	900			
NOB FIR	86.5	59.8	838	2,087	3,335			
R ALDER	28.3	26.5	110	150	190			
WHEMLOCK	25.7	24.1	1,086	1,430	1,774			
TOTAL	*100.3*	*8.5*	*735*	*803*	*872*	*401*	*100*	*45*

CL 68.1 SD: 1.0

SAMPLE TREES - CF

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR	82.6	8.1	146	158	171			
DOUG FIR-S								
BL MAPLE	86.3	24.9	65	87	108			
BL MAPLE-S								
WR CEDAR	53.3	18.8	141	174	207			
NOB FIR	75.9	52.5	167	352	537			
R ALDER	16.7	15.6	26	31	36			
WHEMLOCK	20.7	19.4	200	249	297			
TOTAL	*87.8*	*7.5*	*139*	*151*	*162*	*308*	*77*	*34*

CL 68.1 SD: 1.0

TREES/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	85.2	20.1	91	114	137			
DOUG FIR-S	225.1	53.0	3	6	9			
BL MAPLE	186.6	44.0	8	14	20			
BL MAPLE-S	435.9	102.7		1	2			
WR CEDAR	242.9	57.2	3	7	11			
NOB FIR	373.4	88.0	0	1	3			
R ALDER	300.3	70.8	1	4	6			

PROJECT STATISTICS

PROJECT TMBRCAT

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T2N	R5	15	00U1	00CC	54.00	19	138	S	W

CL 68.1 SD: 1.00

TREES/ACRE

	COEFF VAR.	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
WHEMLOCK	306.5	72.2	0	1	2			
TOTAL	*58.6*	*13.8*	*127*	*148*	*168*	*145*	*36*	*16*

CL 68.1 SD: 1.0

BASAL AREA/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	50.7	12.0	193	219	245			
DOUG FIR-S	199.0	46.9	4	8	12			
BL MAPLE	195.2	46.0	15	27	40			
BL MAPLE-S	435.9	102.7		2	4			
WR CEDAR	203.6	48.0	10	19	28			
NOB FIR	317.6	74.8	2	6	11			
R ALDER	299.5	70.6	1	4	7			
WHEMLOCK	299.5	70.6	1	4	7			
TOTAL	*25.9*	*6.1*	*273*	*291*	*308*	*28*	*7*	*3*

CL 68.1 SD: 1.0

NET BF/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	54.2	12.8	46,097	52,852	59,608			
DOUG FIR-S								
BL MAPLE	215.5	50.8	2,165	4,398	6,630			
BL MAPLE-S								
WR CEDAR	198.0	46.6	1,790	3,354	4,919			
NOB FIR	304.8	71.8	569	2,018	3,467			
R ALDER	302.5	71.3	157	545	934			
WHEMLOCK	299.6	70.6	384	1,305	2,227			
TOTAL	*38.3*	*9.0*	*58,656*	*64,472*	*70,289*	*62*	*15*	*7*

CL 68.1 SD: 1.0

NET CUFT FT/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	51.5	12.1	9,246	10,523	11,801			
DOUG FIR-S								
BL MAPLE	203.9	48.0	428	823	1,219			
BL MAPLE-S								
WR CEDAR	201.3	47.4	423	805	1,186			
NOB FIR	310.9	73.3	95	357	618			
R ALDER	299.9	70.7	33	113	193			
WHEMLOCK	300.1	70.7	67	229	390			
TOTAL	*34.0*	*8.0*	*11,821*	*12,850*	*13,878*	*49*	*12*	*5*

TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

TT2N RR5W S15 Ty00CC 54.00

Project: **TMBRCAT**

Acres **54.00**

Page **1**
Date **2/3/2025**
Time **2:28:18PM**

Spp	S T	So Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		2M	69	.6	36,957	36,742	1,984		0	42	58			0	100	40	16	423	1.97	86.8
DF		3M	28	.2	14,735	14,706	794		99	1		1	3	1	95	39	9	108	0.63	136.0
DF		4M	3		1,404	1,404	76		100			26	70		4	23	6	29	0.33	47.7
DF	**Totals**		82	.5	53,096	52,852	2,854		30	29	40	1	3	0	96	36	10	195	1.07	270.5
DF	S	CU														31	9		0.00	4.5
DF	**Totals**															31	9		0.00	4.5
BM		3M	90	3.2	4,100	3,969	214		16	31	53	12	4		84	37	13	274	1.39	14.5
BM		4M	10		429	429	23		22	78		100				20	14	145	1.23	3.0
BM	**Totals**		7	2.9	4,529	4,398	237		17	35	48	20	4		76	34	13	252	1.37	17.5
RC		2M	67	.4	2,277	2,267	122			23	77				100	40	18	524	2.96	4.3
RC		3M	31		1,042	1,042	56		63	37		4			96	39	10	139	0.97	7.5
RC		4M	2		45	45	2		47	53		100				13	11	49	0.81	.9
RC	**Totals**		5	.3	3,364	3,354	181		20	27	52	3			97	37	12	263	1.69	12.8
RA		CR	100		545	545	29		100						100	40	10	148	0.77	3.7
RA	**Totals**		1		545	545	29		100						100	40	10	148	0.77	3.7
NF		2M	94	.3	1,918	1,912	103			20	80				100	40	19	661	2.83	2.9
NF		3M	6		106	106	6		100				35	65		30	9	92	0.87	1.1
NF	**Totals**		3	.3	2,024	2,018	109		5	19	76		2	3	95	37	16	500	2.38	4.0
WH		2M	92		1,212	1,212	65			17	83				100	40	19	639	2.72	1.9
WH		3M	8		93	93	5		68	32		32	68			24	11	98	0.96	.9
WH	**Totals**		2		1,305	1,305	70		5	18	77	2	5		93	35	16	459	2.31	2.8
Totals				0.6	64,864	64,472	3,482		28	29	43	2	3	0	95	36	11	204	1.12	315.8

TC PSTNDSUM

Stand Table Summary

Page 1
Date: 2/3/2025

TT2N RR5W S15 Ty00CC 54.00

Project TMBRCAT
Acres 54.00

Time: 2:28:20PM
Grown Year:

Spc	S T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Net Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		10	1	87	76	3.860	2.11	3.86	11.5	60.0	1.26	44	232	68	24	13
DF		11	3	88	100	9.570	6.32	12.76	13.0	57.5	4.73	166	734	255	90	40
DF		12	2	89	118	5.361	4.21	8.04	16.9	80.0	3.88	136	643	209	73	35
DF		13	4	88	102	9.136	8.42	13.70	17.5	70.0	6.83	240	959	369	129	52
DF		14	5	89	115	9.847	10.53	17.72	22.0	100.0	11.11	390	1,772	600	211	96
DF		15	7	90	133	12.009	14.74	29.16	21.4	98.8	17.82	625	2,882	962	338	156
DF		16	4	89	127	6.031	8.42	13.57	25.7	115.6	9.93	349	1,568	536	188	85
DF		17	6	90	130	8.014	12.63	21.37	26.1	113.8	15.90	558	2,431	859	301	131
DF		18	4	89	144	4.765	8.42	14.30	28.7	131.7	11.68	410	1,882	631	221	102
DF		19	14	89	137	14.969	29.47	44.91	30.5	136.9	39.05	1,370	6,148	2,109	740	332
DF		20	7	89	137	6.755	14.74	19.30	36.1	160.0	19.84	696	3,088	1,071	376	167
DF		21	1	90	133	.875	2.11	2.63	37.5	180.0	2.81	98	473	152	53	26
DF		22	1	89	149	.798	2.11	2.39	44.8	216.7	3.06	107	518	165	58	28
DF		23	3	90	147	2.189	6.32	6.57	47.9	232.2	8.97	315	1,525	484	170	82
DF		24	3	89	170	2.010	6.32	6.03	58.1	303.3	9.98	350	1,829	539	189	99
DF		25	3	89	176	1.853	6.32	5.56	64.5	346.7	10.22	359	1,927	552	194	104
DF		26	6	89	159	3.426	12.63	10.28	64.9	341.1	19.00	667	3,506	1,026	360	189
DF		27	8	90	170	4.236	16.84	13.24	72.3	396.8	27.26	957	5,252	1,472	517	284
DF		28	5	90	170	2.462	10.53	7.88	75.9	417.5	17.05	598	3,289	921	323	178
DF		29	1	89	173	.459	2.11	1.38	86.0	466.7	3.37	118	643	182	64	35
DF		30	2	89	168	.858	4.21	2.57	90.9	501.7	6.67	234	1,291	360	126	70
DF		31	2	90	182	.803	4.21	2.41	103.6	593.3	7.12	250	1,430	384	135	77
DF		32	1	90	197	.377	2.11	1.51	89.6	537.5	3.85	135	810	208	73	44
DF		33	2	89	176	.709	4.21	2.13	116.1	671.7	7.04	247	1,428	380	133	77
DF		34	1	90	174	.334	2.11	1.00	120.3	696.7	3.43	120	698	185	65	38
DF		35	1	90	165	.315	2.11	.95	124.2	730.0	3.34	117	690	181	63	37
DF		36	1	89	158	.298	2.11	.89	127.2	710.0	3.24	114	634	175	61	34
DF		38	3	89	185	.802	6.32	2.41	157.5	946.7	10.80	379	2,277	583	205	123
DF		42	3	90	179	.656	6.32	1.97	190.3	1163.3	10.68	375	2,291	577	202	124
DF		Totals	104	89	131	113.776	218.95	270.47	38.9	195.4	299.91	10,523	52,852	16,195	5,683	2,854
BM		13	1	92	84	2.284	2.11	2.28	24.5	90.0	1.49	56	206	80	30	11
BM		14	1	92	84	1.969	2.11	1.97	27.3	120.0	1.42	54	236	77	29	13
BM		15	1	91	72	1.716	2.11	1.72	30.2	120.0	1.37	52	206	74	28	11
BM		17	1	94	109	1.336	2.11	1.34	46.4	240.0	1.64	62	321	89	33	17
BM		18	2	93	108	2.383	4.21	3.57	38.6	186.7	3.65	138	667	197	74	36
BM		20	1	94	105	.965	2.11	1.93	31.7	205.0	1.62	61	396	88	33	21
BM		22	2	93	105	1.595	4.21	2.39	51.1	300.0	3.24	122	718	175	66	39
BM		23	1	94	112	.730	2.11	.73	84.3	460.0	1.63	62	336	88	33	18
BM		27	1	94	115	.529	2.11	.53	121.8	760.0	1.71	65	402	92	35	22
BM		31	1	93	112	.402	2.11	.40	155.9	940.0	1.66	63	378	90	34	20
BM		36	1	94	120	.298	2.11	.60	150.8	895.0	2.38	90	533	129	48	29
BM		Totals	13	93	97	14.206	27.37	17.46	47.2	251.9	21.82	823	4,398	1,178	445	237
RC		14	1	80	94	1.969	2.11	1.97	28.4	90.0	1.31	56	177	71	30	10
RC		17	1	81	131	1.336	2.11	2.67	33.5	125.0	2.11	90	334	114	48	18
RC		24	1	80	113	.670	2.11	1.34	62.1	225.0	1.96	83	302	106	45	16
RC		25	1	89	124	.618	2.11	1.24	77.3	365.0	2.24	95	451	121	52	24
RC		27	1	80	143	.529	2.11	1.59	63.7	270.0	2.38	101	429	128	55	23
RC		28	1	80	119	.492	2.11	.98	87.8	345.0	2.03	86	340	110	47	18
RC		31	2	80	144	.803	4.21	2.41	84.5	388.3	4.79	204	936	259	110	51
RC		37	1	81	120	.282	2.11	.56	158.1	685.0	2.09	89	386	113	48	21
RC		Totals	9	81	119	6.700	18.95	12.76	63.0	262.8	18.91	805	3,354	1,021	435	181

Stand Table Summary

TT2N RR5W S15 Ty00CC 54.00

Project TMBRCAT
Acres 54.00

Time: 2:28:20PM
Grown Year:

Spc	S T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Net Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
NF		25	1	90	152	.618	2.11	1.85	58.2	290.0	2.59	108	537	140	58	29
NF		27	1	90	165	.529	2.11	1.59	74.0	410.0	2.82	118	651	152	63	35
NF		44	1	92	187	.199	2.11	.60	219.8	1386.7	3.15	131	829	170	71	45
NF		Totals	3	90	162	1.346	6.32	4.04	88.3	499.6	8.56	357	2,018	462	193	109
WH		26	1	89	154	.571	2.11	1.71	70.7	390.0	3.88	121	668	209	65	36
WH		32	1	94	130	.377	2.11	1.13	95.0	563.3	3.44	107	637	186	58	34
WH		Totals	2	91	144	.948	4.21	2.84	80.4	458.9	7.31	229	1,305	395	123	70
RA		14	1	92	79	1.969	2.11	1.97	27.3	120.0	1.48	54	236	80	29	13
RA		15	1	93	109	1.716	2.11	1.72	34.6	180.0	1.63	59	309	88	32	17
RA		Totals	2	92	93	3.685	4.21	3.68	30.7	147.9	3.11	113	545	168	61	29
BM	S	18	1	82	46	1.191	2.11									
BM	S	Totals	1	82	46	1.191	2.11									
DF	S	13	1	88	109	2.284	2.11									
DF	S	16	2	84	88	3.016	4.21									
DF	S	31	1	90	145	.402	2.11									
DF	S	Totals	4	86	100	5.701	8.42									
Totals			138	89	125	147.554	290.53	311.26	41.3	207.1	359.63	12,850	64,472	19,420	6,939	3,482

TC PLOGSTVB

Log Stock Table - MBF

TT2N RR5W S15 Ty00CC 54.00

Project: TMBRCAT
Acres 54.00

Page 1
Date 2/3/2025
Time 2:28:18PM

Spp	ST	Sort	Grade	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	34	4		4	.1							4					
DF			2M	40	1,992		1,980	69.4					3	397	314	503	455	245	63	
DF			3M	16	2		2	.1						2						
DF			3M	18	4		4	.1					4							
DF			3M	22	2		2	.1				2								
DF			3M	26	7		7	.3				5	3							
DF			3M	28	9		9	.3					6	3						
DF			3M	30	7		7	.2					7							
DF			3M	32	4		4	.1					4							
DF			3M	34	4		4	.1					4							
DF			3M	36	20		20	.7			16		4							
DF			3M	38	9		9	.3			9									
DF			3M	40	729		727	25.5			119	251	358							
DF			4M	12	2		2	.1			1		1							
DF			4M	14	3		3	.1			3									
DF			4M	16	5		5	.2			5									
DF			4M	18	5		5	.2			1	2	2							
DF			4M	20	4		4	.1			2	2								
DF			4M	22	8		8	.3			8									
DF			4M	24	11		11	.4			11									
DF			4M	26	14		14	.5			14									
DF			4M	28	13		13	.5			13									
DF			4M	30	7		7	.3			7									
DF			4M	36	3		3	.1			3									
DF		Totals			2,867		2,854	82.0			212	260	396	402	318	503	455	245	63	
BM			3M	20	25		25	10.5								25				
BM			3M	26	9		9	3.7									9			
BM			3M	40	188	3.8	181	76.1				35		48		35	42	20		
BM			4M	20	23		23	9.7					5		9	9				
BM		Totals			245	2.9	237	6.8				35	5	48	9	69	51	20		
RC			2M	40	123		122	67.6						7	21	46	33	15		
RC			3M	20	2		2	1.2						2						
RC			3M	40	54		54	29.9			5	13	18	7	12					
RC			4M	12	1		1	.7						1						
RC			4M	14	1		1	.6					1							

TC PLOGSTVB

Log Stock Table - MBF

TT2N RR5W S15 Ty00CC 54.00

Project: TMBRCAT
Acres 54.00

Page 2
Date 2/3/2025
Time 2:28:18PM

Spp	ST	Sort	Grade	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		Totals			182		181	5.2			5	13	19	17	33	46	33	15		
RA		CR		40	29		29	100.0				13	17							
RA		Totals			29		29	.8				13	17							
NF		2M		40	104		103	94.8							9	29	28	16	22	
NF		3M		26	2		2	1.8				2								
NF		3M		34	4		4	3.4					4							
NF		Totals			109		109	3.1				2	4		9	29	28	16	22	
WH		2M		40	65		65	92.9							11	9	22	23		
WH		3M		16	2		2	2.3						2						
WH		3M		30	3		3	4.8					3							
WH		Totals			70		70	2.0					3	2	11	9	22	23		
Total		All Species			3,503		3,482	100.0			217	323	444	468	380	656	588	320	85	

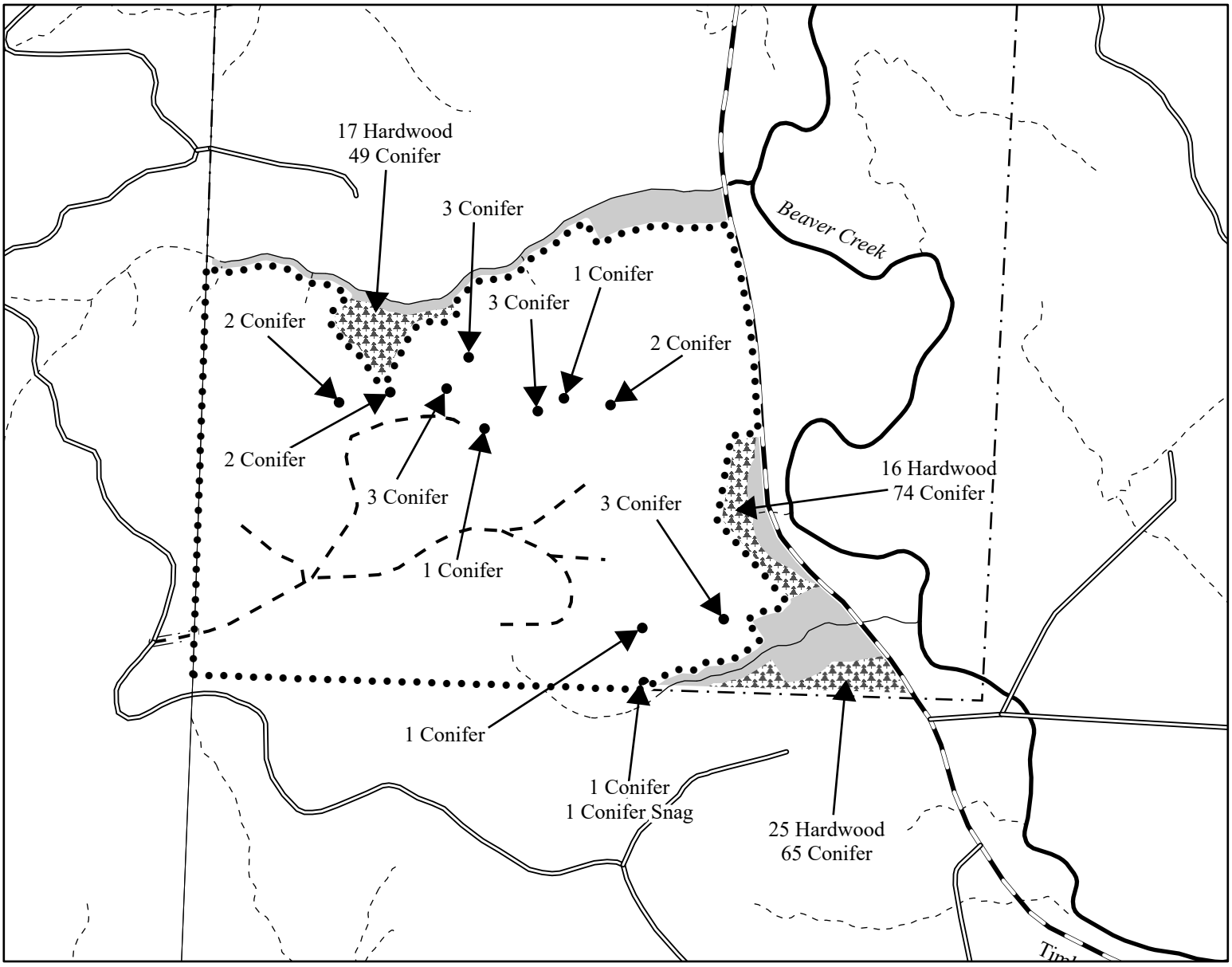
VOLUME SUMMARY
(Shown in MBF)
Timbercat
FG-341-2025-W01161-01
February 2025

Unit 1: Clearcut (54 Acres)

SPECIES		2 SAW	3 SAW	4 SAW	CAMP RUN	TOTAL
Douglas-fir	Cruise Volume	1,984	794	76	0	2,854
	Hidden D&B (2%)	(40)	(16)	(2)	(0)	(58)
	NET TOTAL	1,944	778	74	0	2,796
	% of Total	70	28	2	0	
Western Red Cedar	Cruise Volume	122	56	2	0	180
	Hidden D&B (2%)	(2)	(1)	(0)	(0)	(3)
	NET TOTAL	120	55	2	0	177
	% of Total	68	31	1	0	
Western Hemlock	Cruise Volume	65	5	0	0	70
	Hidden D&B (2%)	(1)	(0)	(0)	(0)	(1)
	NET TOTAL	64	5	0	0	69
	% of Total	93	7	0	0	
Noble Fir	Cruise Volume	103	6	0	0	109
	Hidden D&B (2%)	(2)	(0)	(0)	(0)	(2)
	NET TOTAL	101	6	0	0	107
	% of Total	94	6	0	0	
Red Alder	Cruise Volume	0	0	0	29	29
	Hidden D&B (5%)	(0)	(0)	(0)	(1)	(1)
	NET TOTAL	0	0	0	28	28
	% of Total	0	0	0	100	

SALE TOTAL

SPECIES	2 SAW	3 SAW	4 SAW	CAMP RUN	TOTAL
Douglas-fir	1,944	778	74	0	2,796
Western Red Cedar	120	55	2	0	177
Western Hemlock	64	5	0	0	69
Noble Fir	101	6	0	0	107
Red Alder	0	0	0	28	28
Total	2,229	844	76	28	3,177



WILDLIFE TREE MAP

FOR TIMBER SALE CONTRACT #FG-341-2025-W01161-01
TIMBERCAT
PORTIONS OF SECTIONS 15, T2N, R5W, W.M.
WASHINGTON COUNTY, OREGON

State Forest Division
February 2025
This product is for informational use and may not be suitable for legal, engineering, or surveying purposes.

1:6000

1 Inch = 500 Feet

0 250 500 1,000 1,500 Feet

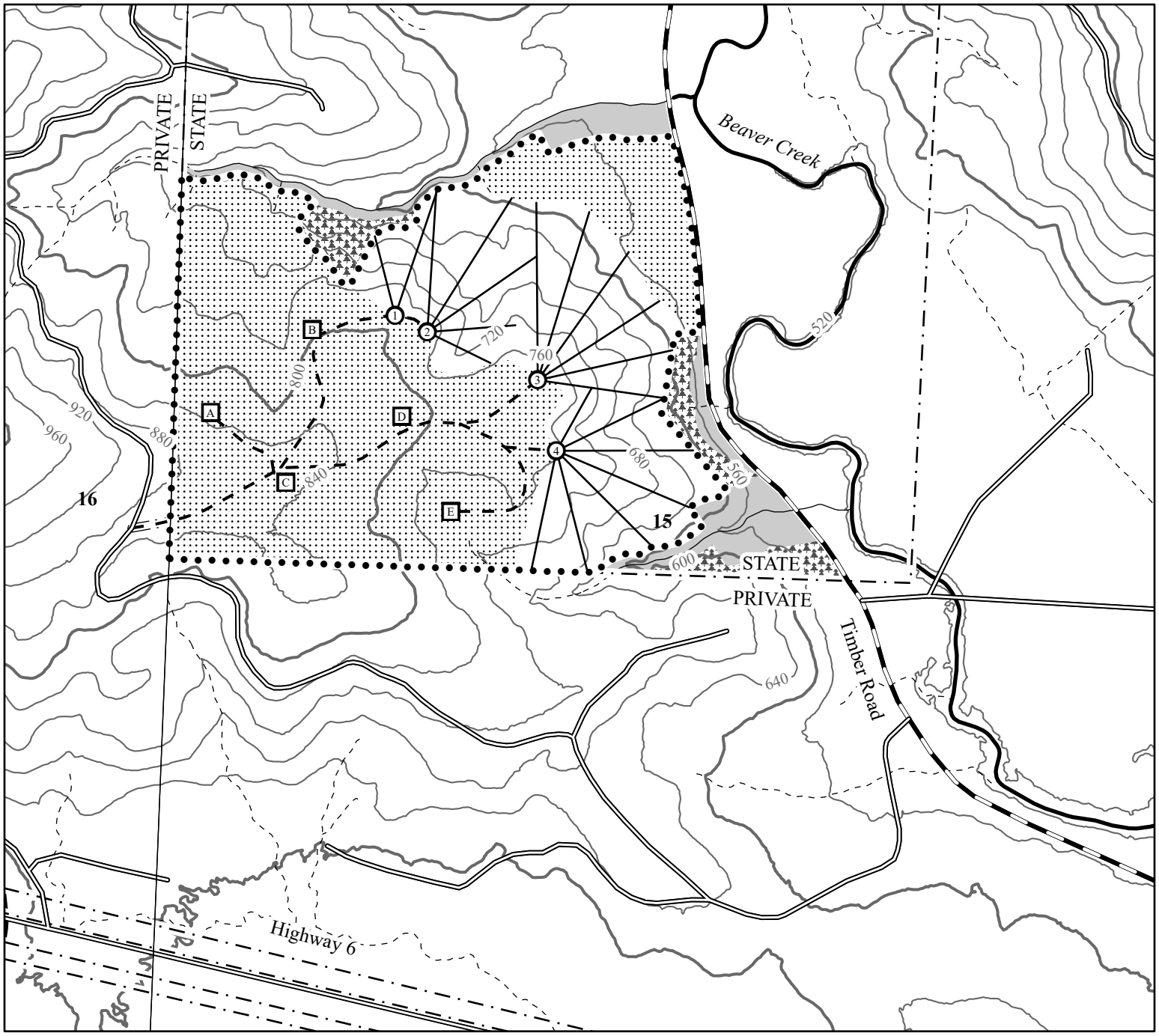
N

- Timber Sale Boundary
- Right-of-Way Boundary
- ODF Ownership Boundary
- Paved Road
- Surfaced Road
- New Road Construction
- Type F Stream
- Type N Stream - Perennial
- Type N Stream - Seasonal
- Stream Buffer
- Reserve Tree Area
- Reserved Trees
- Section Lines

APROXIMATE NET ACRES

TOTAL	54 ACRES (CC)

Sale Unit	Net Acreage	Conifer (Upland)	Hardwood (Upland)	Conifer (Non RCA)	Hardwood (Non-RCA)	Conifer (GTRA)	Hardwood (GTRA)	Conifer (Unmarked)	Cedar (Unmarked)	Hardwood (Unmarked)	Hard Conifer Snags	Hard Hardwood Snags	Sub Total Snags	Sub Total Green Trees	Green Trees & Snags Per Acre
-	54	22	-	-	-	188	58	-	-	-	1	-	1	269	4.98



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

LOGGING PLAN

FOR TIMBER SALE CONTRACT #FG-341-2025-W01161-01
TIMBERCAT
PORTIONS OF SECTIONS 15, T2N, R5W, W.M.
WASHINGTON COUNTY, OREGON

Forest Grove District GIS
February 2025
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1:6000

1 Inch = 500 Feet

0 250 500 1,000 1,500 Feet

N

APROXIMATE NET ACRES		
	TRACTOR	CABLE
TOTAL	35	19