Timber Sale Appraisal
Butte 600

Sale NC-341-2025-W01147-01

"STEWARDSHIP IN FORESTRY"

District: N Cascade **Date: November 14, 2024**

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	$1,035,174.40	$0.00	$1,035,174.40
		Project Work:	($12,053.80)
		Advertised Value:	$1,023,120.60

Timber Sale Appraisal
Butte 600
Sale NC-341-2025-W01147-01

District: N Cascade

Date: November 14, 2024

Timber Description

Location: Portions of Sections 29, 30, 31, 32, T7S, R3E, W.M. Clackamas County

Stand Stocking: 40%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	22	0	100
Western Hemlock / Fir	21	0	100

Volume by Grade	2S	3S & 4S 6"-11"	3S 12"+	Total
Douglas - Fir	1,955	512	61	2,528
Western Hemlock / Fir	52	28	0	80
Total	2,007	540	61	2,608

Comments: Pond Values Used: Local Pond Values, September, 2024.

Hardwood Stumpage Price = Pond Value minus Logging Cost:
$177.73/MBF = $490/MBF – $312.27/MBF

Western redcedar and Other Cedars Stumpage Price = Pond Value minus Logging Cost:
$822.73 /MBF = $1285/MBF - $312.27/MBF - $150/MBF Additional haul

Pulp Price: $20/MBF = $2/ton X 10 ton/MBF

Other Costs (with Profit & Risk to be added):
Season 1 Equipment Move-In: Accounted for in Logging Cost
Equipment Weed Wash: (($50/hr labor cost) X 8 hour wash time = $400 X 4 pieces of equipment = $1,600
Intermediate support tree: 4 @ $125 = $500
TOTAL Other Costs (with Profit & Risk to be added) = $2,100

Other Costs (No Profit & Risk added):
none

SLASH DISPOSAL COSTS
Landing Piling: $200/pile x 7 piles = $1,400
Covering Piles: ($8.00/pile x 7 piles) + ($50/hr x 2 covering personnel x 1 hours) = $156
TOTAL Slash Disposal Costs = $1,556

ROAD MAINTENANCE COSTS
Grader Move-In: $1,050
Roller Move-In: $1,050
General Road Maintenance: 4 miles X $2,100/mile + (move-in $2,100) = $10,500
TOTAL Road Maintenance Costs = $10,500/2,608MBF = $4.03/MBF

Timber Sale Appraisal
Butte 600

Sale NC-341-2025-W01147-01

District: N Cascade **Date: November 14, 2024**

Logging Conditions

Combination#: 1	Douglas - Fir	100.00%	
	Western Hemlock / Fir	100.00%	
Logging System:	Cable: Large Tower >=70	**Process:**	Stroke Delimber
yarding distance:	Medium (800 ft)	**downhill yarding:**	No
tree size:	Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF		
loads / day:	10	**bd. ft / load:**	4600
cost / mbf:	$186.50		
machines:	Log Loader (A) Stroke Delimber (A) Tower Yarder (Large)		

Timber Sale Appraisal
Butte 600

Sale NC-341-2025-W01147-01

"STEWARDSHIP IN FORESTRY"

District: N Cascade **Date: November 14, 2024**

Logging Costs

Operating Seasons:	2.00	**Profit Risk:**	10%
Project Costs:	$12,053.80	**Other Costs (P/R):**	$2,100.00
Slash Disposal:	$1,556.00	**Other Costs:**	$0.00

Miles of Road **Road Maintenance:** $4.03

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	4.5

Timber Sale Appraisal
Butte 600

Sale NC-341-2025-W01147-01

District: N Cascade **Date: November 14, 2024**

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
$186.50	$4.03	$3.37	$86.81	$0.81	$28.15	$0.60	$2.00	$0.00	$312.27
Western Hemlock / Fir									
$186.50	$4.03	$3.37	$138.89	$0.81	$33.36	$0.60	$2.00	$0.00	$369.56

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	$0.00	$717.42	$405.15	$0.00
Western Hemlock / Fir	$0.00	$506.50	$136.94	$0.00

Timber Sale Appraisal
Butte 600

Sale NC-341-2025-W01147-01

"STEWARDSHIP IN FORESTRY"

District: N Cascade

Date: November 14, 2024

Summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	$0.00	$0.00
Western Hemlock / Fir	0	$0.00	$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	2,528	$405.15	$1,024,219.20
Western Hemlock / Fir	80	$136.94	$10,955.20

Gross Timber Sale Value

Recovery: $1,035,174.40

Prepared By: Seth Knight **Phone:** 503-302-4886

SUMMARY OF ROAD COSTS

Butte 600 Timber Sale

Project No. 1

NEW CONSTRUCT :

		Rocking			
		Jaw Run	Crushed	Endhaul	
Segments	Amount	8"- 0"	1.5"- 0"	Est Cubic Yards	Total $
Roadside Landings	5	270 cy		250 cy	$ 7,393.80
Totals	5	270 cy		250 cy	$ 7,393.80

MOVE-IN : $ 4,660.00

Project No. 1 $ 12,053.80

GRAND TOTAL	**$12,053.80**

James Stuart 12/04/2024

NEW CONSTRUCT

Sale Name: **Butte 600**

Road Construct: **Landings (Logger choice)**

PROJECT #1 :

	Station	Designed Cubic Yards/Station				Cost per
Description	Quantity/acres	Pit Run 8"- 0"	1.5"- 0"	Endhaul cy	Station or Acre	Sum $
Landing	5	54 cy			$ 600.00	$ 3,000.00
Endhaul ~ 50 Cuyds/Landing	5			250 cy	$ 4.89	$ 1,222.87
Grubbing & clearing (~ 50' x 100')	0.57				$ 2,400.00	$ 1,368.00
					SUB-TOTAL	$ 5,590.87

SURFACING :

		Turn	Two-way		Haul/place	
Size	Landings	Arounds	Junctions	Total	Combined $	Cost
8"- 0" Pit Run	270 cy			270 cy	$ 6.68	$ 1,802.93
				270 cy		
					SUB-TOTAL	$ 1,802.93
					GRAND TOTAL	**$ 7,393.80**

James Stuart 12/04/2024

Butte 600 Timber Sale								
Road Segment: **New Construct Landings (Logger choice)**				**Point to Point**		**Sta. to Sta.**		**Total Volume (CY)**
Application	**Rock Size**	**Location**	**Depth (in)**	BC 600 Road		BC 600 Road		
				Volume (CY) Per		**Number of**		
Pit Run (Base Rock)	8"- 0"	BC600 Road	9	Landinig	54	Landing	5	270
Total Rock for Road Segment:								**270**

MOVE-IN

BUTTE 600 TIMBER SALE

Move in costs							
No.	Equipment Description	Transport Cost	Hours of Transport	Cost to Move	Weedwash Time (Hrs)	Weedwash Labor ($65/hour)	Total Cost
0	Grader	$ 225.00	6	$ 1,350.00	0	$ -	$ -
1	Rollers & Compactor	$ 225.00	6	$ 1,350.00	0	$ -	$ 1,350.00
1	Excavator	$ 225.00	6	$ 1,350.00	6	$ 390.00	$ 1,740.00
0	Small backhoe	$ 225.00	6	$ 1,350.00	3	$ 195.00	$ -
0	Tractors Dozer (D5 - D8)	$ 225.00	6	$ 1,350.00	6	$ 390.00	$ -
1	Dump Truck (10 cy +)	$ 110.00	2	$ 220.00	0	$ -	$ 220.00
1	Loader	$ 225.00	6	$ 1,350.00	0	$ -	$ 1,350.00
0	Road Brusher	$ 225.00	6	$ 1,350.00	3	$ 195.00	$ -
0	Water Truck (1000 gallon)	$ 85.00	2	$ 220.00	0	$ -	$ -
						Total one time	$ 4,660.00

TOTAL MOVE-IN COSTS = $ 4,660.00

James Stuart 12/04/2024

Butte 600 (Sale Name)

BC 720 Pit	(Quarry)	**BC 720**	(Stockpile)
Jaw run	(Rock Type)	D10	(Truck)
8"-0"	(Rock Size)	Cat Ex	(Excavator)

Hauling Time Computation

50 MPH		Miles per round trip	0	Minutes
40 MPH		Miles per round trip	0	Minutes
35 MPH		Miles per round trip	0	Minutes
30 MPH		Miles per round trip	0	Minutes
25 MPH	5	Miles per round trip	12	Minutes
20 MPH	0.5	Miles per round trip	2	Minutes
15 MPH	0.5	Miles per round trip	2	Minutes
10 MPH	0	Miles per round trip	0	Minutes
5 MPH	0	Miles per round trip	0	Minutes
	6	**Total Miles per Round Trip**		
Dump or Spread Time per Round Trip			0	Minutes
Total Hauling Cycle Time for this Setting (100% Efficiency)			16	Minutes
Operator Efficiency Correction (80% Efficiency)			20	Minutes

Time Per Cubic Yard

Hauling Only (per cubic yard)	1.64	min/cu.yd
Delay Time (while loading = loading time per cubic yard)	0.52	min/cu.yd
Total Time Per Cubic Yard	2.16	min/cu.yd

Hauling Cost Per Cubic Yard Computation

Cost of Truck Per Hour	$	65.00	per Hr.
Cost of Truck Operator Pre Hour	$	50.00	per Hr.
Total Operating Cost Per Hour	$	115.00	per Hr.
Operating Cost Per Minute	$	1.92	per Min.
Cost Per Cubic Yard	**$**	**4.14**	per Cu. Yd.
Loading Cost Per Cubic Yard	**$**	**1.56**	per Cu. Yd.
Spreading Cost Per Cubic Yard			
Cost of Grader Per Hour	$	-	per Hr.
Cost of Grader Operator Per Hour	$	-	per Hr.
Cost of Compaction Equip. Per Hour	$	50.00	per Hr.
Cost of Compaction Equip. Op. Per Hour	$	50.00	per Hr.
Total Operating Cost Per Hour	$	100.00	per Hr.
Cost Per Cubic Yard to Place and Compact	**$**	**0.97**	Cu. Yd.
Total Cost to Load, Haul and Place	**$**	**6.68**	Cu. Yd.
No Crushing	**$**	**-**	
Grand Total Combined	**$**	**6.68**	

Rates

Dump Truck	Rate ($/Hr.)	Capacity (cy)	Operator ($/Hr.)	Total
B20	$ 80.00	20	$ 50.00	$ 130.00
D10	$ 65.00	12	$ 50.00	$ 115.00
OH25	$ 80.00	25	$ 50.00	$ 130.00
Grader	**Rate ($/Hr.)**		**Operator ($/Hr.)**	**Total**
12-G	$ 65.00		$ 50.00	$ 115.00
14-G	$ 75.00		$ 50.00	$ 125.00
Compaction Equipment	**Rate ($/Hr.)**		**Operator ($/Hr.)**	**Total**
Vibratory Roller	$ 50.00		$ 50.00	$ 100.00
Vib. Grid Roller	$ 50.00		$ 50.00	$ 100.00
Hand Held Compactor	$ 20.00		$ 50.00	$ 70.00
Tractors	**Rate ($/Hr.)**		**Operator ($/Hr.)**	**Total**
D4	$ 60.00		$ 50.00	$ 110.00
D6	$ 85.00		$ 50.00	$ 135.00
D7	$ 100.00		$ 50.00	$ 150.00
D8	$ 125.00		$ 50.00	$ 175.00
Loader	**Rate ($/Hr.)**	**Capacity (cy)**	**Operator ($/Hr.)**	**Total**
14G Cat Wheel Loader	$ 60.00	3	$ 50.00	$ 110.00
Cat Excavator	$ 130.00	3	$ 50.00	$ 180.00

Loading Costs	Rate (Min/Load)	Delay (Min)	Total Loading Time (Min)
Crushed Rock	5	1.25	6.25
Reclaim Rock	5	5.00	10.00
Rip Rap Rock	10	2.50	12.5
Fill Material	5	1.25	6.25

Dump or Spread Time (Min)	
Pile Dump	0.25
Truck Spread	7
Spreading w/Grader	5
Place Rip rap	10

James Stuart 12/04/2024

Butte 600 (Sale Name)

On site	EndHual	To nearest waste area	
Waste	(Type)	D10	(Truck)
	(Rock Size)		(Loader)
	(Water Truck Size)		Gal/cu.yd

Hauling Time Computation

50 MPH		Miles per round trip	0	Minutes
40 MPH		Miles per round trip	0	Minutes
35 MPH		Miles per round trip	0	Minutes
30 MPH		Miles per round trip	0	Minutes
25 MPH		Miles per round trip	0	Minutes
20 MPH		Miles per round trip	0	Minutes
15 MPH	0.5	Miles per round trip	2	Minutes
10 MPH		Miles per round trip	0	Minutes
5 MPH		Miles per round trip	0	Minutes
	0.5	**Total Miles per Round Trip**		
Dump or Spread Time per Round Trip			0	Minutes
Total Hauling Cycle Time for this Setting (100% Efficiency)			2.25	Minutes
Operator Efficiency Correction (80% Efficiency)			2.81	Minutes

Time Per Cubic Yard

Hauling Only (per cubic yard)	0.23	min/cu.yd
Delay Time (while loading = loading time per cubic yard)	0.52	min/cu.yd
Total Time Per Cubic Yard	0.76	min/cu.yd

Hauling Cost Per Cubic Yard Computation

Cost of Truck Per Hour	$ 60.00	per Hr.
Cost of Truck Operator Pre Hour	$ 50.00	per Hr.
Total Operating Cost Per Hour	$ 110.00	per Hr.
Operating Cost Per Minute	$ 1.83	per Min.
Cost Per Cubic Yard	**$ 1.38**	per Cu. Yd.
Loading Cost Per Cubic Yard	**$ 1.56**	per Cu. Yd.
Spreading Cost Per Cubic Yard		
Cost of Excavator Per Hour	$ 130.00	per Hr.
Cost of Excavator Operator Per Hour	$ 50.00	per Hr.
Cost of Compaction Equip. Per Hour	$ 50.00	per Hr.
Cost of Compaction Equip. Op. Per Hour	$ 50.00	per Hr.
Total Operating Cost Per Hour	$ 280.00	per Hr.
Cost Per Cubic Yard to Place and Compact	$ 1.94	Cu. Yd.
Total Cost to Load, Haul, and Place	**$ 4.89**	Cu. Yd.

Rates

Dump Truck	Rate ($/Hr.)	Capacity (cy)	Operator ($/Hr.)	Total
B20	$ 80.00	20	$ 50.00	$ 130.00
D10	$ 60.00	12	$ 50.00	$ 110.00
OH25	$ 80.00	25	$ 50.00	$ 130.00
Grader	**Rate ($/Hr.)**		**Operator ($/Hr.)**	**Total**
12-G	$ 55.00		$ 50.00	$ 105.00
14-G	$ 60.00		$ 50.00	$ 110.00
Compaction Equipment	**Rate ($/Hr.)**		**Operator ($/Hr.)**	**Total**
Vibratory Roller	$ 50.00		$ 50.00	$ 100.00
Vib. Grid Roller	$ 50.00		$ 50.00	$ 100.00
Hand Held Compactor	$ 20.00		$ 50.00	$ 70.00
Tractors	**Rate ($/Hr.)**		**Operator ($/Hr.)**	**Total**
D4	$ 35.00		$ 50.00	$ 85.00
D6	$ 60.00		$ 50.00	$ 110.00
D7	$ 70.00		$ 50.00	$ 120.00
D8	$ 110.00		$ 50.00	$ 160.00
Loader	**Rate ($/Hr.)**	**Capacity (cy)**	**Operator ($/Hr.)**	**Total**
14G Cat Wheel Loader	$ 60.00	3	$ 50.00	$ 110.00
Cat 325 Excavator	$ 130.00	1.5	$ 50.00	$ 180.00
Loading Costs/min		**Load**	**Delay**	**Total**
Crushed Rock		5	1.25	6.25
Pit-Run/Jaw-Run Rock		5	1.25	6.25
Rip Rap Rock		5	1.25	6.25
Fill Material		5	1.25	6.25

Dump or Spread Time (Min)	
Pile Dump	0.25
Truck Spread	0.5
Spreading w/dozer	5
Place with Excavator	6

CRUISE REPORT
Butte 600
Contract No. NC-341-2025-W01147-01

Locations:
Portions of sections 29, 30, 31 & 32 of T7S R3E, W.M.
Clackamas County, OR.

Cruise Design:
The cruise design for the timber sale is as follows:

Sale was cruised using Super Ace program software. Using a variable plot cruise with a Basal Area Factor of 40, and a count/measure system for the plot layout. The results of the cruise are below, and more detailed information in the Superace reports.

Sampling Methods:

35 plots were measured using a Variable Plot cruise method with a 40 BAF.

Cruise Report:

Timber Sale Area:

Stand Characteristic	Stand ID: 12807 Inventory Data
TPA	68.6
Basal Area/Acre	191 ft^2
Volume/Acre	34.8 MBF
Average DBH	23”

Tree Measurement and Grading:

For information on species and grade breakdown for the timber sale area see attached SuperAce output information.

Data Processing:

a) **Volumes and Statistics:** Volumes and Statistics were calculated using SuperAce.

b) **Volume deductions:** Advertised volume accounts for 6% D&B and a 3% reduction for scattered wildlife trees.

c) **Acreage:** Timber Sale Area has a total of 75 net acres.

TC PSTATS

PROJECT STATISTICS

PROJECT **BUTE600**

PAGE **1**
DATE 12/4/2024

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
07S	03E	30	1	0001	75.00	35	167	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	35	167	4.8		
CRUISE	21	102	4.9	5,142	2.0
DBH COUNT					
REFOREST					
COUNT	14	65	4.6		
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	97	65.6	22.6	110	38.5	182.9	33,709	33,709	7,754	7,754
WHEMLOCK	5	2.9	22.4	100	1.7	8.0	1,066	1,066	306	306
TOTAL	*102*	*68.6*	*22.6*	*110*	*40.2*	*190.9*	*34,775*	*34,775*	*8,060*	*8,060*

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	60.8	6.2	727	775	822			
WHEMLOCK	50.1	24.9	315	420	525			
TOTAL	*61.7*	*6.1*	*711*	*757*	*803*	*152*	*38*	*17*

CL 68.1	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	51.6	5.2	162	171	180			
WHEMLOCK	40.5	20.1	94	117	141			
TOTAL	*51.9*	*5.1*	*160*	*169*	*177*	*107*	*27*	*12*

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	50.0	8.5	60	66	71			
WHEMLOCK	288.4	48.7	1	3	4			
TOTAL	*50.8*	*8.6*	*63*	*69*	*74*	*103*	*26*	*11*

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	28.7	4.8	174	183	192			
WHEMLOCK	265.7	44.9	4	8	12			
TOTAL	*27.4*	*4.6*	*182*	*191*	*200*	*30*	*8*	*3*

CL 68.1	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	35.4	6.0	31,694	33,709	35,723			
WHEMLOCK	261.5	44.2	595	1,066	1,537			
TOTAL	*33.0*	*5.6*	*32,837*	*34,775*	*36,713*	*43*	*11*	*5*

CL 68.1	COEFF		**NET CUFT FT/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	31.7	5.4	7,339	7,754	8,169			
WHEMLOCK	262.9	44.4	170	306	442			
TOTAL	*29.5*	*5.0*	*7,658*	*8,060*	*8,461*	*35*	*9*	*4*

TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

T07S R03E S30 Ty0001	75.00

Project: **BUTE600**

Acres **75.00**

Page **1**
Date **12/4/2024**
Time **3:42:09PM**

Spp	S T	So rt	Gr ad	% 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		DO	2M	77		26,070	26,070	1,955			42	58	0	1		99	40	16	429	2.38	60.8
DF		DO	3M	16		5,498	5,498	412		100			3	12	14	71	35	9	107	0.81	51.3
DF		DO	4M	4		1,328	1,328	100	55	45			41	19	12	28	25	6	31	0.38	42.4
DF		DO	O3	3		813	813	61				100				100	40	18	551	2.47	1.5
DF	**Totals**			97		33,709	33,709	2,528	2	18	32	48	2	3	3	92	34	11	216	1.46	156.0
WH		DO	2M	64		691	691	52			46	54				100	40	15	343	2.33	2.0
WH		DO	3M	31		331	331	25		100				9	17	74	36	9	113	0.98	2.9
WH		DO	4M	5		43	43	3	63	37			37		63		23	6	25	0.38	1.7
WH	**Totals**			3		1,066	1,066	80	3	33	30	35	2	3	8	88	34	10	160	1.36	6.6
Totals						34,775	34,775	2,608	2	19	32	47	2	3	3	92	34	11	214	1.45	162.6

TC	PSTNDSUM	Stand Table Summary	Page	1
			Date:	12/4/2024
T07S R03E S30 Ty0001	75.00	Project BUTE600	Time:	3:42:10PM
		Acres 75.00	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.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		10	1	79	52	3.456	1.89	3.46	10.9	30.0	1.07	38	104	81	28	8
DF		11	2	84	66	5.713	3.77	5.71	13.6	40.0	2.22	78	229	167	58	17
DF		12	1	82	98	2.400	1.89	4.80	13.1	50.0	1.80	63	240	135	47	18
DF		14	2	82	107	3.527	3.77	7.05	19.4	75.0	3.90	137	529	292	103	40
DF		15	1	85	115	1.536	1.89	3.07	25.1	105.0	2.20	77	323	165	58	24
DF		16	3	84	90	4.050	5.66	8.10	22.8	86.7	5.26	185	702	395	139	53
DF		17	1	82	117	1.196	1.89	2.39	30.9	120.0	2.11	74	287	158	55	22
DF		18	3	82	109	3.200	5.66	8.53	25.3	93.8	6.15	216	800	461	162	60
DF		19	1	83	97	.957	1.89	1.91	36.8	120.0	2.01	70	230	150	53	17
DF		20	4	84	104	3.456	7.54	7.78	36.1	132.2	8.00	281	1,028	600	211	77
DF		21	1	82	110	.784	1.89	1.57	45.2	155.0	2.02	71	243	151	53	18
DF		22	5	83	115	3.571	9.43	8.57	44.2	175.0	10.80	379	1,500	810	284	112
DF		23	3	81	112	1.960	5.66	5.23	42.5	161.2	6.33	222	843	475	167	63
DF		24	9	83	122	5.400	16.97	15.60	45.7	193.5	20.31	713	3,018	1,524	535	226
DF		25	6	81	126	3.318	11.31	9.40	50.0	212.9	13.39	470	2,002	1,004	352	150
DF		26	10	83	125	5.113	18.85	14.83	55.1	231.7	23.27	817	3,436	1,745	612	258
DF		27	2	82	134	.948	3.77	2.84	59.7	253.3	4.84	170	721	363	127	54
DF		28	10	83	132	4.409	18.85	13.23	64.6	286.0	24.35	854	3,783	1,826	641	284
DF		29	4	82	127	1.644	7.54	4.93	66.3	282.5	9.32	327	1,393	699	245	104
DF		30	3	84	141	1.152	5.66	3.46	78.3	386.7	7.72	271	1,336	579	203	100
DF		31	2	84	130	.719	3.77	2.16	79.0	371.7	4.86	170	802	364	128	60
DF		32	10	84	138	3.375	18.85	10.13	87.9	423.3	25.36	890	4,287	1,902	667	321
DF		34	9	84	142	2.691	16.97	8.07	103.1	515.9	23.72	832	4,165	1,779	624	312
DF		35	1	82	125	.282	1.89	.85	98.2	450.0	2.37	83	381	178	62	29
DF		36	2	83	128	.533	3.77	1.60	103.7	485.0	4.73	166	776	355	124	58
DF		38	1	85	152	.239	1.89	.72	140.7	770.0	2.88	101	553	216	76	41
DF		Totals	97	83	110	65.632	182.86	155.99	49.7	216.1	220.98	7,754	33,709	16,574	5,815	2,528
WH		18	1	80	90	.905	1.60	1.81	30.6	90.0	1.77	55	163	133	42	12
WH		22	2	83	98	1.212	3.20	2.42	48.1	160.0	3.73	116	388	280	87	29
WH		27	2	81	115	.805	3.20	2.41	55.5	213.3	4.29	134	515	322	100	39
WH		Totals	5	82	100	2.922	8.00	6.65	46.0	160.3	9.79	306	1,066	734	229	80
Totals			102	83	110	68.554	190.86	162.64	49.6	213.8	230.77	8,060	34,775	17,308	6,045	2,608

TC PLOGSTVB

Log Stock Table - MBF

T07S R03E S30 Ty0001	75.00

Project: **BUTE600**
Acres **75.00**

Date 12/4/2024
Time 3:42:09PM

Spp	S T	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
									Net Volume by Scaling Diameter in Inches											
DF		DO	2M	18	2		2	.1						2						
DF		DO	2M	28	11		11	.5						3	8					
DF		DO	2M	36	3		3	.1						3						
DF		DO	2M	40	1,939		1,939	76.7						246	339	747	471	135		
DF		DO	3M	14	2		2	.1					2							
DF		DO	3M	16	3		3	.1					3							
DF		DO	3M	20	7		7	.3				3	4							
DF		DO	3M	24	23		23	.9				8	16							
DF		DO	3M	26	14		14	.5				6	8							
DF		DO	3M	28	7		7	.3					7							
DF		DO	3M	30	6		6	.2			3		3							
DF		DO	3M	32	57		57	2.2			9	10	37							
DF		DO	3M	36	16		16	.6			7	4	5							
DF		DO	3M	40	277		277	11.0			42	52	183							
DF		DO	4M	12	8		8	.3		1	2	4	1							
DF		DO	4M	14	6		6	.2			3	3								
DF		DO	4M	16	12		12	.5			8	4								
DF		DO	4M	18	10		10	.4			2	8								
DF		DO	4M	20	6		6	.2			3	3								
DF		DO	4M	24	5		5	.2			2	3								
DF		DO	4M	26	11		11	.4		11										
DF		DO	4M	30	3		3	.1		3										
DF		DO	4M	32	8		8	.3		8										
DF		DO	4M	34	4		4	.2		4										
DF		DO	4M	36	5		5	.2		5										
DF		DO	4M	40	23		23	.9		23										
DF		DO	O3	40	61		61	2.4								47	14			
DF		Totals			2,528		2,528	96.9		54	80	108	270	254	347	794	485	135		
WH		DO	2M	40	52		52	64.9						11	13	28				
WH		DO	3M	30	2		2	2.8			2									
WH		DO	3M	32	4		4	5.3					4							
WH		DO	3M	36	3		3	3.4			3									
WH		DO	3M	40	16		16	19.5					16							
WH		DO	4M	12	1		1	1.5				1								
WH		DO	4M	32	2		2	2.5		2										

TC PLOGSTVB

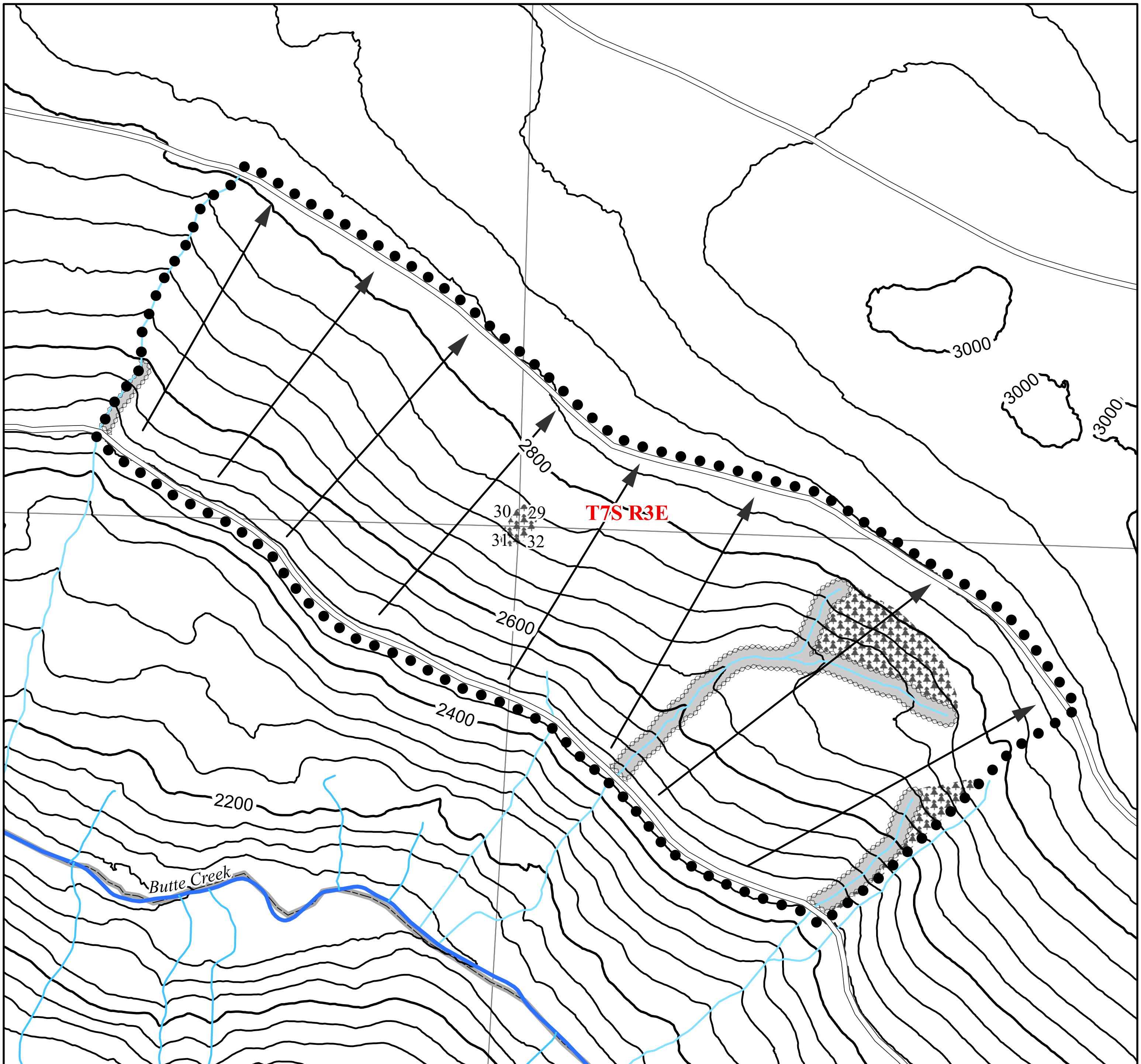
Log Stock Table - MBF

T07S R03E S30 Ty0001	75.00

Project: BUTE600
Acres 75.00

Page 2
Date 12/4/2024
Time 3:42:09PM

Spp	S T	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
									Net Volume by Scaling Diameter in Inches											
WH		Totals			80		80	3.1		2	5	1	20	11	13	28				
Total		All Species			2,608		2,608	100.0		56	85	109	289	265	361	822	485	135		



Legend

- Timber Sale Boundary
- Green Tree Retention Area
- Stream Buffer
- County Line
- Surfaced Road

Streams

- Fish
- Nonfish

LOGGING PLAN

OF TIMBER SALE CONTRACT NO. NC-341-2025-W01147-01
BUTTE 600
PORTIONS OF SECTIONS 29-32, T7S, R3E, W.M.
CLACKAMAS COUNTY, OREGON

UNIT	CABLE ACRES	TRACTOR ACRES
1 (MC)	75	0
TOTAL	75	0

This product is for informational use and may not have been prepared for or be suitable for legal, engineering or survey purposes.

N
W E
S

1:6,000

0 250 500 1,000 1,500 2,000 Feet

12/02/2024