



STEWARDSHIP IN FORESTRY

Timber Sale Appraisal
Nine Iron
Sale FG-341-2025-W01194-01

District: Forest Grove

Date: July 25, 2024

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$1,335,395.72	\$0.00	\$1,335,395.72
		Project Work:	\$0.00
		Advertised Value:	\$1,335,395.72



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Timber Description

Location:

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	28	0	98
Western Hemlock / Fir	25	0	98

Volume by Grade	2S	3S & 4S 6"-11"	Total
Douglas - Fir	2,393	251	2,644
Western Hemlock / Fir	181	33	214
Total	2,574	284	2,858

Comments: LOCAL POND VALUES, JUNE 2024

WESTERN REDCEDAR AND OTHER CEDARS:
STUMPAGE PRICE = POND VALUE - DOUG-FIR LOGGING COST
 $\$954.93 = \$1,215.00 - \$260.07$

RED ALDER AND OTHER HARDWOODS:
STUMPAGE PRICE = POND VALUE - DOUG-FIR LOGGING COST
 $\$229.93 = \$490.00 - \$260.07$

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): NONE

OTHER COSTS (NO PROFIT & RISK ADDED):

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

MACHINE TIME TO BLOCK/WATERBAR ROADS AND SKID TRAILS:
 $30 \text{ HOURS} \times \$200/\text{HOUR} = \$6,000$

MACHINE TIME TO PILE LANDING SLASH:
 $10 \text{ HOURS} \times \$200/\text{HOUR} = \$2,000$

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

SLASH TREATMENT: 30 ACRES x \$250/ACRE = \$7,500

ROAD MAINTENANCE (INCLUDES SPOT ROCKING, GRADING, & ROLLING):
MOVE IN: \$5,640.95
GENERAL ROAD MAINT: 8.57 MILES X \$2,271.42 = \$19,466.06
TOTAL ROAD MAINTENANCE: \$25,107.01 / 2,858 MBF = \$8.78/MBF



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Logging Conditions

Combination#: 1 Douglas - Fir 20.00%
 Western Hemlock / Fir 20.00%

Logging System: Cable: Small Tower <=40 **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: 19 **bd. ft / load:** 4600
cost / mbf: \$85.02
machines: Log Loader (A)
Forwarder
Harvester
Tower Yarder (Small)

Combination#: 2 Douglas - Fir 80.00%
 Western Hemlock / Fir 80.00%

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: 26 **bd. ft / load:** 4600
cost / mbf: \$83.61
machines: Forwarder
Harvester



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Logging Costs

Operating Seasons: 2.00	Profit Risk: 10%
Project Costs: \$0.00	Other Costs (P/R): \$0.00
Slash Disposal: \$7,500.00	Other Costs: \$11,000.00

Miles of Road

Road Maintenance: \$8.78

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	2.0	4.8
Western Hemlock / Fir	\$0.00	2.0	4.0
Noble Fir	\$0.00	2.0	4.0



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Date: July 25, 2024

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
\$83.89	\$8.96	\$3.07	\$132.81	\$0.00	\$22.87	\$2.62	\$2.00	\$3.85	\$260.07
Western Hemlock / Fir									
\$83.89	\$8.96	\$3.07	\$159.38	\$0.00	\$25.53	\$2.62	\$2.00	\$3.85	\$289.30

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$745.25	\$485.18	\$0.00
Western Hemlock / Fir	\$0.00	\$535.00	\$245.70	\$0.00



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Nine Iron
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District: Forest Grove

Date: July 25, 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	2,644	\$485.18	\$1,282,815.92
Western Hemlock / Fir	214	\$245.70	\$52,579.80

Gross Timber Sale Value

Recovery: \$1,335,395.72

Prepared By: Colton Turner

Phone: 971-464-1676

TIMBER SALE SUMMARY
Nine Iron
#FG-341-2025-W01194-01

1. **Location:** Portions of Section 29, T3N, R6W, W.M., Tillamook County, Oregon.
2. **Type of Sale:** This timber sale is 76 net acres of Clearcut consisting mainly of 86-year-old Douglas-fir. The timber will be sold on a recovery basis at a sealed bid auction.
3. **Revenue Distribution:** 100% BOF; 100% Tillamook 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 timber cruisers in June of 2024. For more information, see Cruise Report.
6. **Timber Description:** The Timber Sale Area consists of a well-stocked, 86 year-old stand of Douglas-fir with minor components of western hemlock, and noble fir. This timber stand has an average of 161 ft² of basal area and an average Douglas-fir DBH of 28 inches. The estimated average net Douglas-fir volume is approximately 34.8 MBF per acre.
7. **Topography and Logging Method:** Slopes within the Timber Sale Area range from 5% to 80% with variable aspects. The Timber Sale Area is 80% ground-based yarding and 20% cable yarding. The average horizontal skid trail length is 200 feet and the maximum is approximately 600 feet. The average cable yarding road length is 400 feet and the maximum is approximately 550 feet.
8. **Access:** Access to the Timber Sale Area is on surfaced roads. From Forest Grove, travel north on Highway 47 through Banks then merge onto Highway 26 west-bound and continue for approximately 20 miles. Between the 31 and the 32 mile markers, turn left onto the Salmonberry Road and continue for approximately 7.1 miles to access the western portion of the Timber Sale Area.

CRUISE REPORT
Nine Iron
#FG-341-2025-W01194-01

1. LOCATION:

Portions of Section 29, T3N, R6W, W.M., Tillamook County, Oregon.

2. CRUISE DESIGN:

The timber cruise was designed using an estimated coefficient of variation (CV) of 60%, average stand diameter of 19 inches, sampling error (SE) of 10% and a minimum of 100 grade trees.

3. SAMPLING METHOD:

The Timber Sale Area was cruised in June of 2024 with 35 variable radius grade plots using a 40 BAF prism. Plots were laid out on a 4 chain x 4 chain grid. Plots falling on or near existing roads or no-harvest areas were offset 1 chain.

4. CRUISE RESULTS:

125 trees were measured and graded producing a cumulative sampling error of 7.4% on the Douglas-fir Basal Area and 7.9% on the Douglas-fir Net Board Foot Volume. Note: There were 4 plots removed from the original cruise design, due to the location of those plots that were interior of Reserve Tree Areas.

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. Forty-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.

7. CRUISERS:

The sale was cruised by Colton Turner, Adrian Torres, Mark Savage, and Shamus Smith.

Prepared by: Colton Turner 7-3-2024

Reviewed by: Mark Savage 7-3-2024
Date

TC PSTATS			PROJECT STATISTICS						PAGE	1		
			PROJECT		NINEIRON		DATE			7/8/2024		
TWP	RGE	SC	TRACT	TYPE		ACRES		PLOTS	TREES	CuFt	BdFt	
T3N	R6	29	00U1	00MC		76.00		31	132	S	W	
			PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES		PERCENT SAMPLE TREES				
TOTAL			31	132	4.3							
CRUISE			31	132	4.3	3,229		4.1				
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			113	33.1	28.4	140	27.4	145.8	35,800	35,514	7,193	
DOUG FIR-S			7	5.0	18.1	48	2.1	9.0				
WHEMLOCK			7	2.7	24.6	107	1.8	9.0	1,466	1,466	355	
NOB FIR			5	1.6	27.5	127	1.2	6.5	1,399	1,399	298	
TOTAL			132	42.5	27.1	126	32.7	170.3	38,665	38,379	7,846	
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			52.7	5.0	1,320	1,388	1,457					
DOUG FIR-S												
WHEMLOCK			41.4	16.9	479	576	673					
NOB FIR			77.7	38.6	761	1,240	1,719					
TOTAL			61.8	5.4	1,198	1,266	1,334		153	38	17	
CL	68.1	COEFF	SAMPLE TREES - CF						# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH			5	10	15	
DOUG FIR			46.8	4.4	263	275	287					
DOUG FIR-S												
WHEMLOCK			30.7	12.5	120	137	154					
NOB FIR			65.7	32.7	169	252	334					
TOTAL			55.6	4.8	240	252	264		123	31	14	
CL	68.1	COEFF	TREES/ACRE						# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH			5	10	15	
DOUG FIR			51.6	9.3	30	33	36					
DOUG FIR-S			336.7	60.4	2	5	8					
WHEMLOCK			213.6	38.3	2	3	4					
NOB FIR			258.6	46.4	1	2	2					
TOTAL			50.2	9.0	39	42	46		101	25	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			41.0	7.4	135	146	157					
DOUG FIR-S			296.2	53.2	4	9	14					
WHEMLOCK			220.2	39.5	5	9	13					
NOB FIR			231.8	41.6	4	6	9					
TOTAL			36.9	6.6	159	170	182		54	14	6	
CL	68.1	COEFF	NET BF/ACRE						# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH			5	10	15	
DOUG FIR			43.9	7.9	32,713	35,514	38,314					
DOUG FIR-S												
WHEMLOCK			219.7	39.4	888	1,466	2,044					
NOB FIR			239.1	42.9	799	1,399	1,999					

TC PSTATS				PROJECT STATISTICS					PAGE	2	
				PROJECT		NINEIRON			DATE	7/8/2024	
TWP	RGE	SC	TRACT	TYPE		ACRES		PLOTS	TREES	CuFt	BdFt
T3N	R6	29	00U1	00MC		76.00		31	132	S	W
CL	68.1		COEFF	NET BF/ACRE					# OF PLOTS REQ.		INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH	5	10	15	
TOTAL			44.7	8.0	35,302	38,379	41,455	80	20	9	
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			42.2	7.6	6,648	7,193	7,738				
DOUG FIR-S											
WHEMLOCK			214.4	38.5	218	355	491				
NOB FIR			234.2	42.0	173	298	423				
TOTAL			43.7	7.8	7,231	7,846	8,460	76	19	8	

TC		PSPCSTGR																	Species, Sort Grade - Board Foot Volumes (Project)									
TT3N RR6W S29 Ty00MC				76.00		Project: NINEIRON										Page 1												
						Acres 76.00										Date 7/8/2024												
																	Time 3:01:44PM											
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								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														8	21		0.00	2.4							
DF			2M	90	.8	32,406	32,136	2,442			22	78	1	0		98	40	18	567	2.73	56.7							
DF			3M	8	.5	3,026	3,009	229		99	1		0	3	5	91	38	8	103	0.84	29.3							
DF			4M	2		368	368	28		100			40	60			21	7	30	0.46	12.5							
DF Totals				93	.8	35,800	35,514	2,699		9	20	71	2	1	0	97	36	14	352	1.97	100.8							
DF	S		CU														26	8		0.00	7.2							
DF Totals																	26	8		0.00	7.2							
WH			CU														10	24		0.00	.2							
WH			2M	81		1,198	1,198	91			43	57				100	40	16	393	2.18	3.0							
WH			3M	16		237	237	18		100					11	89	38	8	97	0.85	2.4							
WH			4M	3		30	30	2		100			23	77			21	6	30	0.48	1.0							
WH Totals				4		1,466	1,466	111		18	36	46	0	2	2	96	35	12	217	1.49	6.8							
NF			2M	87		1,231	1,231	94			33	67				100	40	18	555	2.74	2.2							
NF			3M	12		157	157	12		100					11	89	39	8	100	0.86	1.6							
NF			4M	1		11	11	1		100			100				14	6	20	0.32	.5							
NF Totals				4		1,399	1,399	106		12	29	59	1		1	98	36	13	324	1.90	4.3							
Totals					0.7	38,665	38,379	2,917		10	21	70	2	1	1	97	36	13	322	1.86	119.1							

TC		PSTNDSUM		Stand Table Summary										Page 1		
														Date: 7/8/2024		
TT3N RR6W S29 Ty00MC				76.00		Project NINEIRON					Time: 3:01:46PM					
						Acres 76.00					Grown Year:					
S SpC	T	Tot			Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	T o t a l s			
		Sample DBH	FF 16'	Av Ht				Net Cu.Ft.	Net Bd.Ft.				Tons	Cunits	MBF	
DF		15	1	86	117	1.051	1.29	2.10	23.6	105.0	1.41	50	221	107	38	17
DF		16	1	89	96	.924	1.29	1.85	23.3	95.0	1.23	43	176	93	33	13
DF		17	1	87	92	.819	1.29	1.64	26.6	95.0	1.24	43	156	94	33	12
DF		18	1	88	105	.730	1.29	1.46	33.4	115.0	1.39	49	168	106	37	13
DF		19	1	89	135	.655	1.29	1.97	29.6	130.0	1.66	58	256	126	44	19
DF		20	2	89	118	1.183	2.58	2.96	34.7	148.0	2.93	103	438	222	78	33
DF		21	1	86	119	.536	1.29	1.61	32.2	130.0	1.48	52	209	112	39	16
DF		22	5	88	127	2.444	6.45	6.84	41.8	187.1	8.15	286	1,281	619	217	97
DF		23	2	90	141	.894	2.58	2.68	46.6	223.3	3.56	125	599	271	95	46
DF		24	5	89	137	2.054	6.45	6.16	50.9	239.3	8.94	314	1,474	680	238	112
DF		25	7	89	138	2.650	9.03	7.95	54.9	252.4	12.45	437	2,006	946	332	152
DF		26	6	87	146	2.100	7.74	6.30	61.8	287.2	11.09	389	1,809	843	296	138
DF		27	2	88	147	.649	2.58	1.95	67.8	341.7	3.76	132	665	286	100	51
DF		28	9	87	151	2.716	11.61	9.05	66.5	323.7	17.15	602	2,930	1,303	457	223
DF		29	5	87	147	1.407	6.45	4.22	77.0	379.3	9.26	325	1,601	704	247	122
DF		30	6	86	144	1.577	7.74	4.73	77.5	372.2	10.45	367	1,761	794	279	134
DF		31	3	87	138	.739	3.87	2.22	80.2	392.2	5.07	178	869	385	135	66
DF		32	8	87	150	1.848	10.32	5.54	95.5	474.2	15.09	530	2,629	1,147	402	200
DF		33	7	86	153	1.521	9.03	5.00	93.9	476.5	13.37	469	2,381	1,016	357	181
DF		34	8	85	153	1.637	10.32	5.53	96.9	477.8	15.25	535	2,640	1,159	407	201
DF		35	5	86	153	.966	6.45	3.28	93.9	482.9	8.79	308	1,586	668	234	121
DF		36	6	88	163	1.095	7.74	4.02	109.3	608.2	12.51	439	2,442	951	334	186
DF		37	1	84	173	.173	1.29	.69	107.0	585.0	2.11	74	404	160	56	31
DF		38	3	87	150	.492	3.87	1.47	137.6	730.0	5.78	203	1,076	440	154	82
DF		39	1	85	141	.156	1.29	.47	135.7	700.0	1.80	63	327	137	48	25
DF		40	3	86	152	.444	3.87	1.33	142.6	790.0	5.41	190	1,051	411	144	80
DF		41	4	86	155	.563	5.16	1.83	147.9	792.3	7.71	271	1,450	586	206	110
DF		42	2	84	153	.268	2.58	.94	128.6	688.6	3.44	121	646	262	92	49
DF		43	1	86	151	.128	1.29	.38	175.6	920.0	1.92	67	353	146	51	27
DF		44	4	84	152	.489	5.16	1.59	165.8	866.9	7.51	263	1,377	571	200	105
DF		46	2	84	135	.224	2.58	.67	161.5	793.3	3.09	108	532	235	82	40
DF		Totals	113	87	140	33.130	145.81	98.42	73.1	360.8	205.00	7,193	35,514	15,580	5,467	2,699
WH		21	2	86	94	1.073	2.58	2.15	44.8	160.0	3.07	96	343	234	73	26
WH		24	1	87	101	.411	1.29	.82	62.0	235.0	1.63	51	193	124	39	15
WH		25	1	86	123	.379	1.29	1.14	51.3	223.3	1.86	58	254	142	44	19
WH		26	1	86	120	.350	1.29	1.05	55.1	243.3	1.85	58	255	141	44	19
WH		28	1	87	127	.302	1.29	.91	68.5	326.7	1.98	62	296	151	47	22
WH		32	1	72	110	.231	1.29	.46	64.5	270.0	.95	30	125	72	23	9
WH		Totals	7	85	107	2.745	9.03	6.52	54.4	224.8	11.36	355	1,466	863	270	111
NF		21	1	88	121	.536	1.29	1.61	33.2	143.3	1.28	53	231	98	41	18
NF		25	1	86	105	.379	1.29	.76	62.8	245.0	1.14	48	185	87	36	14
NF		27	1	86	150	.325	1.29	.97	68.8	320.0	1.61	67	312	122	51	24
NF		35	1	86	140	.193	1.29	.58	107.7	520.0	1.50	62	301	114	47	23
NF		42	1	89	142	.134	1.29	.40	167.7	920.0	1.62	67	370	123	51	28
NF		Totals	5	87	127	1.567	6.45	4.32	68.9	323.7	7.15	298	1,399	543	226	106
DF S		15	1	72	35	1.051	1.29									
DF S		16	1	85	60	.924	1.29									
DF S		17	1	78	43	.819	1.29									
DF S		18	2	79	50	1.460	2.58									
DF S		22	1	85	61	.489	1.29									
DF S		28	1	90	40	.302	1.29									

TC PSTNDSUM		Stand Table Summary										Page	2
												Date:	7/8/2024
TT3N RR6W S29 Ty00MC		76.00		Project		NINEIRON					Time:		3:01:46PM
				Acres		76.00					Grown Year:		
S Spec T	Sample		FF	Av	Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Tons/ Acre	Net		Totals
	DBH	Trees	16'	Ht				Net	Net		Cu.Ft.	Bd.Ft.	
DFS	Totals	7	80	48	5.045	9.03							
Totals		132	86	126	42.486	170.32	109.27	71.8	351.2	223.50	7,846	38,379	16,986 5,963 2,917

TC		PLOGSTVB		Log Stock Table - MBF																	
TT3N RR6W S29 Ty00MC				76.00		Project:		NINEIRON										Page		1	
						Acres		76.00										Date		7/8/2024	
																		Time		3:01:44PM	
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	25+	
DF		2M	16		15		15	.6									8	7			
DF		2M	20		18	6.3	17	.6							7					9	
DF		2M	22		9		9	.3												9	
DF		2M	40		2,421		2,401	89.0						176	208	693	720	491		453	
DF		3M	18		1		1	.0					1								
DF		3M	22		2		2	.1					2								
DF		3M	26		2		2	.1				1	1								
DF		3M	28		1		1	.0				1									
DF		3M	30		3		3	.1			1	1	1								
DF		3M	32		6		6	.2			3	3									
DF		3M	34		6		6	.2				1	4								
DF		3M	36		9		9	.3			6	2	1								
DF		3M	38		11		11	.4			9	1									
DF		3M	40		190		189	7.0			31	61	95	2							
DF		4M	12		3		3	.1			2	1	0								
DF		4M	14		1		1	.1			1	1									
DF		4M	16		2		2	.1			1	1									
DF		4M	18		4		4	.2			1	3									
DF		4M	20		1		1	.0				1									
DF		4M	22		1		1	.0				1									
DF		4M	24		3		3	.1			2	1									
DF		4M	26		2		2	.1			2										
DF		4M	28		4		4	.1			4										
DF		4M	30		7		7	.2			7										
DF		Totals			2,721		2,699	92.5			69	80	106	178	208	700	727	499		472	
WH		2M	40		91		91	81.7					15	12	48	16					
WH		3M	34		2		2	1.8			2										
WH		3M	36		1		1	1.3				1									
WH		3M	38		2		2	2.2			2										
WH		3M	40		12		12	10.9			2		10								
WH		4M	18		1		1	.5			1										
WH		4M	22		1		1	.8			1										
WH		4M	24		1		1	.8			1										
WH		Totals			111		111	3.8			9	1	10	15	12	48	16				
NF		2M	40		94		94	88.0						19	33	9	15			18	

TC		PLOGSTVB		Log Stock Table - MBF																	
TT3N RR6W S29 Ty00MC76.00				Project: NINEIRON														Page 2			
				Acres 76.00														Date 7/8/2024			
																		Time 3:01:44PM			
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	25+
NF			3M	32	1		1	1.2				1									
NF			3M	36	1		1	1.3					1								
NF			3M	40	9		9	8.7				2	7								
NF			4M	14	1		1	.8				1									
NF			Totals		106		106	3.6				3	9	1		19	33	9	15	18	
Total			All Species		2,939		2,917	100.0				81	90	117	193	239	781	752	514	490	

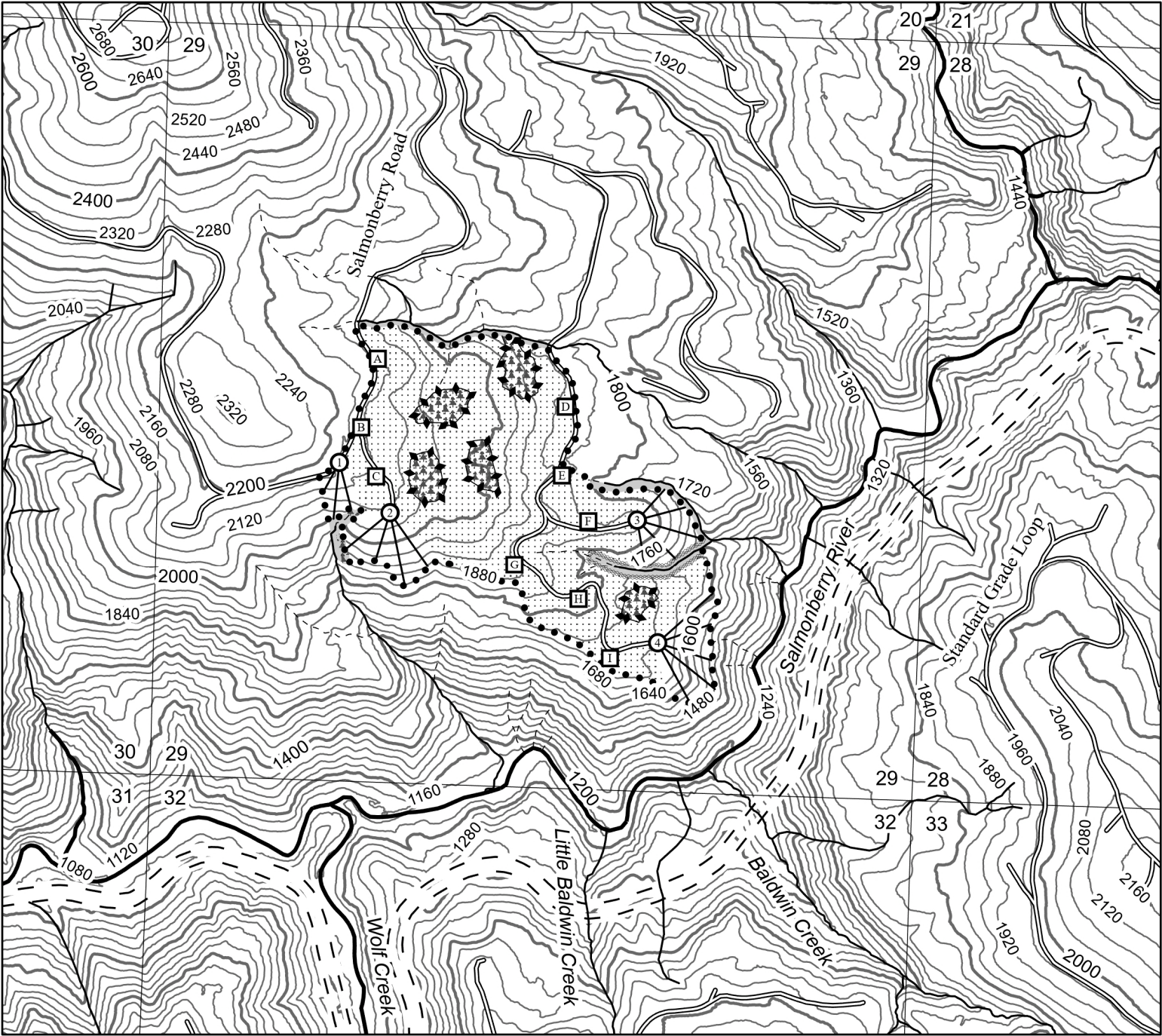
VOLUME SUMMARY
(Shown in MBF)
Nine Iron
FG-341-2025-W01194-01
July 2024

TIMBER SALE AREA: MC (76 ACRES)

SPECIES		2 SAW	3 SAW	4 SAW	TOTAL
Douglas-fir	Cruise Volume	2,442	229	28	2,699
	Hidden D&B (2%)	(49)	(5)	(1)	(55)
	NET TOTAL	2,393	224	27	2,644
	% of Total	91	8	1	
Western hemlock	Cruise Volume	91	18	2	111
	Hidden D&B (2%)	(2)	(0)	(0)	(2)
	NET TOTAL	89	18	2	109
	% of Total	82	16	2	
Noble fir	Cruise Volume	94	12	1	107
	Hidden D&B (2%)	(2)	(0)	(0)	(2)
	NET TOTAL	92	12	1	105
	% of Total	88	11	1	

SALE TOTAL

SPECIES	2 SAW	3 SAW	4 SAW	TOTAL
Douglas-fir	2,393	224	27	2,644
Western hemlock	89	18	2	109
Noble fir	92	12	1	105
NET TOTAL	2,574	254	30	2,858



- Legend**
- ● ● Timber Sale Boundary
 - ◆ ◆ Reserve Area Boundary
 - ▤ ▤ ▤ Posted Stream Buffer Boundary
 - ▬ ▬ ODF Ownership Boundary
 - ▬ Suraced Road
 - ▬ Type-F Stream
 - ▬ Type-N Stream - Perennial
 - - - Type-N Stream - Seasonal
 - ▬ Stream Buffer
 - ▬ Cable Yarding Area
 - ▤ Tractor Yarding Area
 - Cable Landing
 - Tractor Landing
 - ▤ Reserve Tree Area
 - ▬ Section Lines
 - ▬ 40 Foot Contour Band
 - ▬ 200 Foot Contour Band

LOGGING PLAN

FOR TIMBER SALE CONTRACT #FG-341-2025-W01194-01
NINE IRON
PORTIONS OF SECTION 29, T3N, R6W, W.M.,
TILLAMOOK COUNTY, OREGON

Forest Grove District GIS
July 2024

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

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



APROXIMATE NET ACRES		
	TRACTOR	CABLE
UNIT 1	61	15
TOTAL	61	15