

Timber Cruise Report

Cruise Objective

The primary objective of this cruise was to establish an inventory of merchantable and pre-merchantable timber on the subject property as of February 2022 for the purpose of estate planning. Volumes reported in this cruise report are based upon our February 21, 2022 cruise date.

Timber Type Descriptions

The following are timber descriptions for each of the timber types delineated on the timber type map.

Stand 1 – is a fully stocked stand of merchantable mature Douglas-fir that is approximately 70 years old. This stand appears to be a product of natural regeneration and has not been commercially thinned. There is a notable amount of recently down and damaged trees from a snowstorm that occurred in December of 2021. These trees have a status code of “D” on the attached cruise report. The “D” Status trees have been recently blown down and are considered salvageable for the purpose of this appraisal. There are two polygons associated with this stand, one along the west side of the tract and the other located in the northeast corner of the tract. The topography is broken but is harvestable with ground based equipment. Access to the stand is via short rock spurs that are connected to Nelson Mtn. Rd. which is a Lane County Road. The current road system within the tract is not designed for efficient harvesting of the entire stand. To facilitate harvesting additional new road construction will be required to access all of the stand. Roads associated with harvesting Stand 1 will benefit Stand 2 harvest. Trees within this stand are in good condition and are of good to excellent log quality. Tree boles are straight and generally free of defect.

Stand 2 – is the same age as stand 1 (70 years) but contains significantly more hardwood. This stand has significant damage from the aforementioned snowstorm. The cruise did not pick up any of the snow damaged trees, but field observations made during the cruise noted the presence of downed trees. Topography of the stand is steep and requires cable logging to harvest the stand. During the cruise it was noted that there are slopes within this stand that are greater than 70 percent on the open slopes and draws. The Tract is located in the Tyee Core Area and slopes greater than 70 percent outside of draws are considered high risk. Areas with steep slopes are known as HLHL (high landslide hazard location). It is unknown if there is a Substantial Public Safety Risk downslope since a geotechnical review has not been completed. There is a home located at the outlet of the draw downstream from this stand so it is plausible that some or all of this stand may not be harvestable. A notification of operation has been filed with the Department of Forestry which will trigger a review of the steep slopes by the State’s Geotech. For the purpose of this appraisal, it is assumed that the stand is available for harvest until proven otherwise. There is also a small stream along the eastern edge of the stand. This stream’s fish presence is unknown at the time of the cruise. Based on the size of the stream and the gradient I have assumed that this stream is fish bearing. Current regulation requires a 50-foot buffer from the high water mark on each side of the stream, which I have applied to the map. It should be noted that there is significant

snow damage along the stream which has nearly wiped out most of the standing trees in the buffer. As mentioned previously this stand requires cable logging and based on field observations the best alternative for harvesting this stand is a downhill cable setting. Potential landing locations on the east side of the draw in stand 1 would be utilized for this harvest.

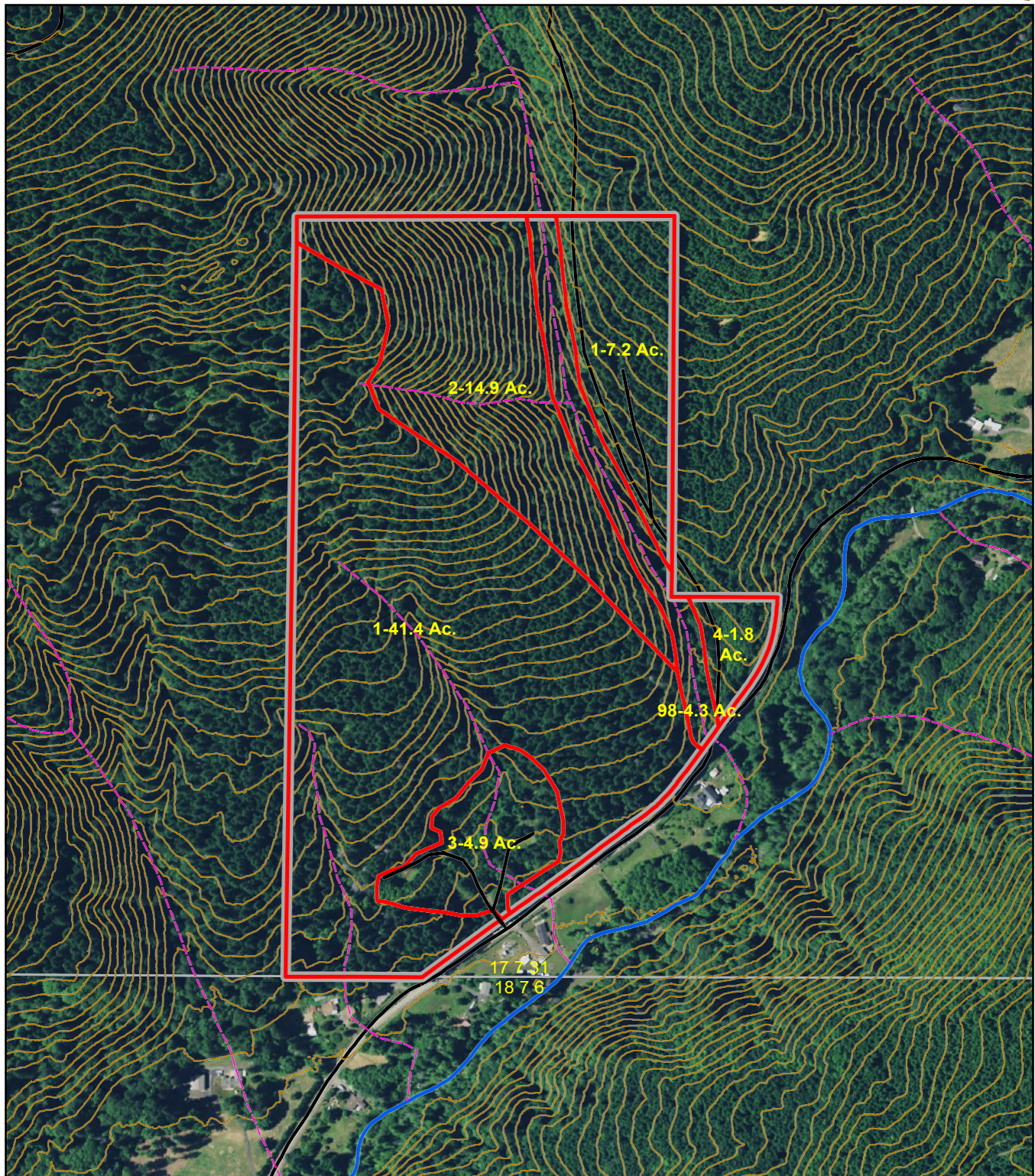
Stand 3 – is predominantly Douglas-fir that is about 23 years old.

Stand 4 – is predominantly red alder that is about 23 years old.

Mapping and Acreage

Mapping was completed with the ArcMap ESRI mapping software using 2020 aerial orthographic photography as my basis. Lane County tax lot data was overlaid on the aerial photo to establish the approximate outer boundary of the ownership. Stand boundaries are based on changes in age, species, size, and stocking. The resulting map of the property is shown on the following page.

Tract: Nelson Mtn. Rd.
Sec. 31, T17S, R7W



Legend

- STANDS
- TRACTS
- Contour_20 ft
- Lane_Rds
- ORE_township_range_section

Streams

--- <all other values>

Fpa Size, Fishpres

- Large, Fish
- Medium, Fish
- Medium, Nonfish
- Small, Fish
- Small, Nonfish
- Small, Unknown

1 inch = 500 feet



Cruise Method

The merchantable timber (stands 1 & 2) was cruised using a 46.94 basal area factor (BAF) siting "in" trees at 4' above stump height. This siting height will be referred to as dbh within the remainder of this report. A total of 62 plots were placed within the stands on a 210'x210' grid. Plots were cruised using a cruise, cruise, count cadence. Every third plot was a basal area count by species plot. Within the measure plots all "in" trees were measured for dbh, diameter at 16' above stump height (form), and height to merchantable top diameter. Bole lengths were measured to a minimum of 7 inches outside bark or to 40 percent of the bole diameter at 16 feet, whichever was greater. Logs were graded using Columbia River Scaling Bureau rules. The minimum sawlog diameter cruised was 6 inches scaling diameter. The preferred log lengths used in the field for this cruise were 40 and 36 feet on the Douglas-fir species. Pulp log lengths down to 12 feet were sometimes used for utilization of the merchantable bole length, while the shortest sawlog length used was 16 feet. Defect deductions were made as needed to each log segment using length, diameter, or percentage deductions. Timber volumes are derived from the Super A.C.E. cruise program. This is a variable log length cruise program that computes volumes from the cruiser's measurement of tree diameter, form (taper calculated by dividing the diameter outside bark at 16' above stump height by dbh) and merchantable bole height. Tree measurements were taken using 75' Spencer tapes, Relaskops, and Tru-Pulse laser rangefinders. Timber volumes are reported in terms of west-side Scribner board foot scale. 1 Mbf = 1,000 board feet.

Merchantable Timber Volumes

Timber volumes are summarized in the following tables. Standard species, sort and grade and Statistics Table reports generated by the cruise programs can be found attached to this report.

Table 1: Merchantable Timber Volume Summary by Stand

Summary is to the tenth in Table 1 – other tables to the ones...

Walton Tract Stand 1 Merch Timber Summary MBF Totals			
Species	Gross Vol.	Net Sawlog Vol.	Pulp Vol.
Douglas-fir	2542.7	2437.8	1.8
Red Alder	39.8	38.8	0
Bigleaf Maple	29.4	19.7	7.2
Totals	2611.9	2496.3	9

Walton Tract Stand 2 Merch Timber Summary MBF Totals			
Species	Gross Vol.	Net Sawlog Vol.	Pulp Vol.
Douglas-fir	505	482.3	74
Red Alder	194.7	47.2	1.1
Bigleaf Maple	36	11.5	24.4
Totals	735.7	541	99.5

Table 2: Merchantable Stands Timber Volume by Scale End Diameter Classes

Walton Tract Stand 1 Timber Volume by Scale Diameter Classes 5"								
Species	6-11"	12-15"	16-19"	20-24"	25"+		Rough 12"+	Totals
Douglas-fir	0	684	638	437	319	328	32	2438
Red Alder	0	28	11	0	0	0	0	39
Bigleaf Maple	0	4	13	3	0	0	0	20
							Totals	2497

Walton Tract Stand 2 Timber Volume by Scale Diameter Classes 5"								
Species	6-11"	12-15"	16-19"	20-24"	25"+		Rough 12"+	Totals
Douglas-fir	0.0	68.0	98.0	127.0	106.0	82.0	1.0	482.0
Red Alder	0.0	41.0	6.0	0.0	0.0	0.0	0.0	47.0
Bigleaf Maple	0.0	12.0	0.0	0.0	0.0	0.0	0.0	12.0
							Totals	541.0

Table 3: Log Grade Volume Summary

Walton Tract Stand 1 Merchantable Timber Log									
Grades Total Net MBF Volume									
Species	#3 Peeler	Special Mill	#2 Mill	#3 Mill	#4 Mill	Rough#3	Japan SLC	Japan IS	Totals
Douglas-fir	10.0	34.0	823.0	396.0	53.0	32.0	235.0	855.0	2438.0
Red alder	0.0	0.0	11.0	0.0	28.0	0.0	0.0	0.0	39.0
Bigleaf maple	0.0	0.0	16.0	3.0	1.0	0.0	0.0	0.0	20.0
Totals									2497.0

Walton Tract Stand 2 Merchantable Timber Log									
Grades Total Net MBF Volume									
Species	#3 Peeler	Special Mill	#2 Mill	#3 Mill	#4 Mill	Rough#3	Japan SLC	Japan IS	Totals
Douglas-fir	10.0	8.0	221.0	44.0	8.0	1.0	16.0	174.0	482.0
Red alder	0.0	0.0	6.0	19.0	23.0	0.0	0.0	0.0	48.0
Bigleaf maple	0.0	0.0	0.0	7.0	4.0	0.0	0.0	0.0	11.0
Totals									541.0

TC PSTATS			PROJECT STATISTICS					PAGE 1				
			PROJECT					DATE 3/7/2022				
TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt		
17S	07	31	WALTON	0001		63.50	62	317	S	W		
17S	07W	31	WALTON	0002								
			PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES					
TOTAL			62	317	5.1							
CRUISE			43	220	5.1	7,357	3.0					
DBH COUNT												
REFOREST												
COUNT			19	97	5.1							
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			183	89.7	20.5	90	45.6	206.4	46,887	44,910	9,626	9,522
DOUG FIR-D			7	3.5	17.2	84	1.3	5.6	1,107	1,075	236	230
R ALDER			14	14.8	13.7	45	4.1	15.1	1,403	1,355	404	400
BL MAPLE			15	7.5	18.1	39	3.1	13.4	1,029	492	304	152
WR CEDAR			1	.4	18.0	32	0.2	.6	37	7	11	3
TOTAL			220	115.9	19.5	81	54.6	241.1	50,464	47,840	10,581	10,307
CONFIDENCE LIMITS OF THE SAMPLE												
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR												
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			83.2	10.6	80	90	99					
DOUG FIR-D			380.4	48.3	2	3	5					
R ALDER			223.7	28.4	11	15	19					
BL MAPLE			248.3	31.5	5	7	10					
WR CEDAR			787.4	99.9	0	0	1					
TOTAL			58.2	7.4	107	116	124	135	34	15		
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			58.1	7.4	191	206	222					
DOUG FIR-D			362.4	46.0	3	6	8					
R ALDER			211.3	26.8	11	15	19					
BL MAPLE			236.8	30.0	9	13	17					
WR CEDAR			787.4	99.9	0	1	1					
TOTAL			42.7	5.4	228	241	254	73	18	8		
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			56.3	7.1	41,703	44,910	48,118					
DOUG FIR-D			369.5	46.9	571	1,075	1,579					
R ALDER			206.7	26.2	1,000	1,355	1,711					
BL MAPLE			359.4	45.6	268	492	717					
WR CEDAR			787.4	99.9	0	7	15					
TOTAL			51.8	6.6	44,699	47,840	50,982	107	27	12		
CL	68.1	COEFF	V BAR/ACRE					# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15		
DOUG FIR				202	218	233						
DOUG FIR-D			369.5	46.9	102	192	283					
R ALDER			167.4	21.2	66	90	113					
BL MAPLE			352.7	44.8	20	37	54					
WR CEDAR			787.4	99.9	0	11	23					
TOTAL			51.8	6.6	185	198	211	107	27	12		

TC PSTATS				PROJECT STATISTICS				PAGE	2
				PROJECT				DATE	3/7/2022
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
17S	07	31	WALTON	0001	63.50	62	317	S	W
17S	07W	31	WALTON	0002					

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																	
T17S R07W S31 Ty0001 48.60 T17S R07W S31 Ty0002 14.90				Project: Acres 63.50														Page 1 Date 3/7/2022 Time 10:59:09AM			
S So Gr Spp T 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 Dia Bd CF/ Ft In Ft Lf						
							5-7	8-11	12-15	16+	12-20	21-30	31-35	36-99							
DF	CUCU		100.0	397										13	16		0.00	2.9			
DF	DOSM	1	2.6	684	666	42			100				100	40	21	718	3.63	.9			
DF	DO2M	36	6.7	17,240	16,093	1,022			15	85	1		2	98	38	19	580	3.10	27.8		
DF	DO3M	14	1.0	6,618	6,555	416	36	64			1	1	8	91	37	8	83	0.58	79.2		
DF	DO4M	2	.7	886	880	56	88	12			88	12			19	6	23	0.33	38.5		
DF	DO3P	1	5.4	326	308	20			100					100	40	28	1372	6.98	.2		
DF	IS 2M	36	.7	16,027	15,915	1,011			54	46				100	38	15	325	1.69	49.0		
DF	SL 3M	8		3,961	3,961	252		100					3	97	38	10	144	0.81	27.5		
DF	PU CU		100.0	112											24	9		0.00	1.6		
DF	R 3M	2	16.4	638	533	34			3	97	9			91	33	21	624	4.39	.9		
DF Totals		94	4.2	46,887	44,910	2,852	7	18	25	50	2	0	2	95	34	11	197	1.22	228.5		
DF	D CUCU		100.0	20										14	8		0.00	1.0			
DF	D DO2M	32	3.2	361	349	22			100		10		90	34	14	232	1.40	1.5			
DF	D DO3M	34		363	363	23	31	69					100	38	8	106	0.65	3.4			
DF	D DO4M	7		81	81	5	50	50			50	50		23	8	40	0.37	2.0			
DF	D IS 2M	27		282	282	18			57	43				37	14	273	1.47	1.0			
DF Totals		2	2.9	1,107	1,075	68	14	27	47	11	7	4		89	31	10	119	0.82	9.0		
BM	CUCU		100.0	8										10	13		0.00	.7			
BM	2S 2M	52	10.8	289	258	16			82	18	18		82	35	14	201	1.49	1.3			
BM	3S 3M	32		156	156	10		100			57		43	25	10	91	1.18	1.7			
BM	4S 4M	16		79	79	5	16	84				16	84	36	8	98	1.19	.8			
BM	PU CU		100.0	498										22	9		0.00	6.6			
BM Totals		1	52.2	1,029	492	31	3	45	43	10	28	3		70	24	10	44	0.56	11.2		
RA	2S 2M	19	2.8	265	258	16			100				100	40	13	219	1.38	1.2			
RA	3S 3M	21	5.3	307	291	19		100				22	78	38	10	138	1.05	2.1			
RA	4S 4M	60	.9	813	806	51	68	32			20	39		40	28	7	49	0.54	16.5		
RA	PU CU		100.0	17										14	7		0.00	.9			
RA Totals		3	3.4	1,403	1,355	86	40	41	19		12	28		60	29	8	65	0.67	20.7		
RC	CUCU		100.0	29										16	12		0.00	.4			
RC	DO4M	100		7	7	0	100				100			16	6	20	0.49	.4			
RC Totals		0	80.0	37	7	0	100				100			16	9	10	0.25	.7			
Totals			5.2	50,464	47,840	3,038	8	20	25	47	3	1	2	94	33	10	177	1.15	270.1		

TC TSTATS				STATISTICS				PAGE	1	
				PROJECT				DATE	3/7/2022	
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
17S	07W	31	WALTON	0001	48.60	45	242	S	W	
				TREES	ESTIMATED	PERCENT				
				PER PLOT	TOTAL	SAMPLE				
					TREES	TREES				
TOTAL	45	242	5.4							
CRUISE	30	163	5.4		5,865		2.8			
DBH COUNT										
REFOREST										
COUNT	15	79	5.3							
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	144	101.7	20.3	90	50.5	227.4	50,872	48,757	10,513	10,405
DOUG FIR-D	7	4.5	17.2	84	1.8	7.3	1,447	1,405	308	301
R ALDER	5	11.3	13.0	39	2.9	10.4	818	799	250	250
BL MAPLE	7	3.1	20.7	44	1.6	7.3	605	406	174	117
TOTAL	163	120.7	19.6	84	57.0	252.4	53,742	51,366	11,245	11,073
CONFIDENCE LIMITS OF THE SAMPLE										
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR										
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	71.5	10.6	91	102	113					
DOUG FIR-D	320.8	47.8	2	5	7					
R ALDER	259.8	38.7	7	11	16					
BL MAPLE	303.2	45.2	2	3	5					
TOTAL	57.1	8.5	110	121	131	130	33	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	45.9	6.8	212	227	243					
DOUG FIR-D	305.1	45.4	4	7	11					
R ALDER	251.8	37.5	7	10	14					
BL MAPLE	305.1	45.4	4	7	11					
TOTAL	38.5	5.7	238	252	267	59	15	7		
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	44.8	6.7	45,500	48,756	52,013					
DOUG FIR-D	311.3	46.4	754	1,405	2,056					
R ALDER	253.7	37.8	497	799	1,101					
BL MAPLE	408.2	60.8	159	406	653					
TOTAL	42.6	6.3	48,108	51,366	54,624	72	18	8		
CL: 68.1 %	COEFF	V-BAR/ACRE				# OF PLOTS REQ.		INF. POP.		
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
DOUG FIR			200	214	229					
DOUG FIR-D	311.3	46.4	103	192	282					
R ALDER	151.5	22.6	48	77	106					
BL MAPLE	408.2	60.8	22	56	89					
TOTAL	128.8	19.2	191	203	216	663	166	74		

TC TSTATS				STATISTICS				PAGE	1		
				PROJECT				DATE	3/7/2022		
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt		
17S	07W	31	WALTON	0002	14.90	17	75	S	W		
			PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES				
TOTAL		17	75	4.4							
CRUISE		13	57	4.4	1,492		3.8				
DBH COUNT											
REFOREST											
COUNT		4	18	4.5							
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		39	50.8	22.3	89	29.2	138.1	33,890	32,366	6,731	6,640
BL MAPLE		8	21.6	16.8	36	8.1	33.1	2,413	774	729	268
R ALDER		9	26.1	14.6	52	7.9	30.4	3,312	3,170	907	888
WR CEDAR		1	1.6	18.0	32	0.7	2.8	156	31	47	12
TOTAL		57	100.1	19.3	67	46.5	204.3	39,772	36,340	8,413	7,809
CONFIDENCE LIMITS OF THE SAMPLE											
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR											
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		101.5	25.4	38	51	64					
BL MAPLE		158.3	39.5	13	22	30					
R ALDER		170.1	42.5	15	26	37					
WR CEDAR		412.3	103.0		2	3					
TOTAL		44.2	11.0	89	100	111	83	21	9		
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		84.5	21.1	109	138	167					
BL MAPLE		156.5	39.1	20	33	46					
R ALDER		154.0	38.5	19	30	42					
WR CEDAR		412.3	103.0		3	6					
TOTAL		40.6	10.1	184	204	225	70	17	8		
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		84.0	21.0	25,576	32,366	39,155					
BL MAPLE		282.3	70.5	228	774	1,319					
R ALDER		141.1	35.2	2,052	3,170	4,287					
WR CEDAR		412.3	103.0		31	63					
TOTAL		69.2	17.3	30,055	36,340	42,625	203	51	23		
CL:	68.1 %	COEFF	V-BAR/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
DOUG FIR		65.1	16.3	185	234	284					
BL MAPLE		263.9	65.9	7	23	40					
R ALDER		130.1	32.5	68	104	141					
WR CEDAR		412.3	103.0		11	23					
TOTAL		121.0	30.2	147	178	209	621	155	69		

T		TSPCSTGR		Species, Sort Grade - Board Foot Volumes (Type)												Page		1			
Project:																Date	3/7/2022				
																Time	10:59:09AM				
T17S R07W S31 T0001																T17S R07W S31 T0001					
Twp		Rge		Sec		Tract		Type		Acres		Plots		Sample Trees		CuFt		BdFt			
17S		07W		31		WALTON		0001		48.60		45		163		S		W			
S So Gr T rt ad Spp			% Net BdFt	Bd. Ft. per Acre Def%GrossNet			Total Net MBF	Percent Net Board Foot Volume								Average Log				Logs Per /Acre	
								Log Scale Dia.				Lo Length				Ln Dia		Bd CF/ Ft Lf			
DF	CU	CU		100.0	518												18	17	0.00	2.4	
DF	DO	SM	1	3.2	722	699	34				100				100		40	20	678	3.52	1.0
DF	DO	2M	34	6.8	17,687	16,483	801			15	85	1		2	97		38	19	590	3.20	27.9
DF	DO	3M	15	1.0	7,740	7,664	372	36	64				1	9	90		37	8	82	0.57	93.4
DF	DO	4M	2		983	983	48	90	10			93	7				19	6	22	0.33	44.5
DF	DO	3P	1	10.0	229	207	10				100				100		40	36	2080	12.09	.1
DF	IS	2M	35	.6	17,331	17,219	837			58	42				100		38	14	311	1.63	55.4
DF	SL	3M	10		4,836	4,836	235		100					4	96		38	10	144	0.81	33.6
DF	PU	CU		100.0	37												32	17		0.00	.1
DF	R	3M	2	15.4	789	667	32			3	97	9			91		33	21	645	4.50	1.0
DF	Totals		95	4.2	50,872	48,757	2,370	7	20	26	47	2	0	3	95		34	11	188	1.18	259.6
DF	D	CU	CU		100.0	27											14	8		0.00	1.3
DF	D	DO	2M	32	3.2	472	456	22			100	10			90		34	14	232	1.40	2.0
DF	D	DO	3M	34		474	474	23	31	69					100		38	8	106	0.65	4.5
DF	D	DO	4M	7		106	106	5	50	50		50	50				23	8	40	0.37	2.7
DF	D	IS	2M	27		368	368	18			57	43			100		37	14	273	1.47	1.4
DF	D	Totals	3	2.9	1,447	1,405	68	14	27	47	11	7	4		89		31	10	119	0.82	11.8
RA	2S	2M	27	4.2	230	220	11				100				100		40	13	230	1.45	1.0
RA	4S	4M	73	1.6	588	579	28	73	27			10	66		24		27	7	44	0.54	13.3
RA	Totals		2	2.3	818	799	39	53	19	28		7	48		45		28	7	56	0.62	14.2
BM	CU	CU		100.0	11												10	14		0.00	.7
BM	2S	2M	83	10.8	378	337	16			82	18	18			82		35	14	201	1.49	1.7
BM	3S	3M	12		52	52	3		100			100					20	10	70	1.06	.7
BM	4S	4M	5		17	17	1	100					100				28	7	50	1.45	.3
BM	PU	CU		100.0	148												23	10		0.00	1.7
BM	Totals		1	32.9	605	406	20	4	13	68	15	28	4		68		25	12	79	0.90	5.1
Type Totals				4.4	53,742	51,366	2,496	8	20	27	45	3	1	2	94		33	10	177	1.14	290.8

Species, Sort Grade - Board Foot Volumes (Type)										Page 1										
Project:										Date	3/7/2022									
										Time	10:59:09AM									
T17S R07W S31 T0002										T17S R07W S31 T0002										
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt											
17S	07W	31	WALTON	0002	14.90	17	57	S	W											
S So Gr T rt ad Spp			%	Bd. Ft. per Acre			Total	Percent Net Board Foot Volume								Average Log		Logs		
								Log Scale Dia.				Log Length				Ln	Dia		Bd	CF/
			Net	Def%	Gross	Net	NetMBF	5-7	8-11	12-15	16+	12-20	21-30	31-35	36-99	Ft	In	Ft	Lf	Per
DF	CU	CU														5	15		0.00	4.5
DF	DO	SM	1		560	560	8				100				100	40	23	940	4.24	.6
DF	DO	2M	46	6.1	15,784	14,821	221			16	84				100	39	18	546	2.76	27.2
DF	DO	3M	9	.7	2,957	2,937	44	34	66			5			95	37	8	89	0.68	33.0
DF	DO	4M	2	4.5	568	543	8	77	23			56	44			22	7	29	0.36	18.8
DF	DO	3P	2		640	640	10				100				100	40	24	1010	4.36	.6
DF	IS	2M	36	1.0	11,773	11,660	174			36	64				100	39	16	417	2.05	28.0
DF	SL	3M	3		1,107	1,107	16		100						100	38	10	145	0.82	7.6
DF	PU	CU		100.0	357											24	8		0.00	6.5
DF	R	3M	1	33.3	146	97	1				100				100	36	19	360	3.12	.3
DF	Totals		89	4.5	33,890	32,366	482	4	10	20	65	1	1		98	34	12	255	1.54	127.1
BM	CU	CU														10	11		0.00	.8
BM	3S	3M	63	.0	492	492	7		100			42			58	28	10	101	1.22	4.9
BM	4S	4M	37		281	281	4		100						100	40	9	120	1.10	2.3
BM	PU	CU		100.0	1,640											22	9		0.00	22.8
BM	Totals		2	67.9	2,413	774	12		100			27			73	24	9	25	0.36	30.8
RA	2S	2M	12		382	382	6		100						100	40	12	200	1.28	1.9
RA	3S	3M	39	5.3	1,310	1,242	19		100				22		78	38	10	138	1.05	9.0
RA	4S	4M	49		1,546	1,546	23	61	39			33	6		61	29	8	57	0.55	27.2
RA	PU	CU		100.0	73											14	7		0.00	3.7
RA	Totals		9	4.3	3,312	3,170	47	30	58	12		16	12		72	30	8	76	0.71	41.7
RC	CU	CU		100.0	125											16	12		0.00	1.6
RC	DO	4M	100		31	31	0	100				100				16	6	20	0.49	1.6
RC	Totals		0	80.0	156	31	0	100				100				16	9	10	0.25	3.1
Type Totals				8.6	39,772	36,340	541	7	16	19	58	3	2		95	31	11	179	1.23	202.8

TC		PLOGSTVB		Log Stock Table - MBF															
T17S R07W S31 Ty0001				48.60		Project:												Page 1	
T17S R07W S31 Ty0002				14.90		Acres 63.50												Date 3/7/2022	
																		Time 11:01:02AM	
S T	So Gr rt	Log de Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches												
							5-5	6-7	8-11	12-15	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50+	
DF	DO	SM	40	43	2.6	42	1.5					12 30							
DF	DO	2M	16	4	3.9	4	.1					4							
DF	DO	2M	20	2		2	.1					2							
DF	DO	2M	32	18	1.3	18	.6					2 4 12							
DF	DO	2M	36	241	6.3	226	7.9					41 39 58		67 20					
DF	DO	2M	40	829	6.9	772	27.1					108 160 190		210 49		41 13			
DF	DO	3M	16	1		1	.0					1							
DF	DO	3M	20	2		2	.1					2							
DF	DO	3M	26	3		3	.1					3							
DF	DO	3M	32	34		34	1.2	23				11							
DF	DO	3M	36	172		171	6.0	78				93							
DF	DO	3M	40	209	1.6	205	7.2	48				158							
DF	DO	4M	16	9		9	.3	9											
DF	DO	4M	18	19		19	.7	17				2							
DF	DO	4M	20	21	1.8	21	.7	16				5							
DF	DO	4M	24	1		1	.0	1											
DF	DO	4M	26	5		5	.2	5											
DF	DO	3P	40	21	5.4	20	.7							10		10			
DF	IS	2M	36	395		393	13.8					268		108 18					
DF	IS	2M	40	622		617	21.6					278		233 106					
DF	SL	3M	32	9		9	.3					9							
DF	SL	3M	36	106		106	3.7					106							
DF	SL	3M	40	136		136	4.8					136							
DF	PU	CU	16	3	100.0														
DF	PU	CU	22	1	100.0														
DF	PU	CU	32	2	100.0														
DF	PU	CU	40	2	100.0														
DF	R	3M	20	4	17.4	3	.1					1		2					
DF	R	3M	36	7	19.4	6	.2							1 4					
DF	R	3M	40	30	15.6	25	.9							4 2		12		7	
DF	Totals			2,977	4.2	2,852	93.9	198				525 705		564 431		288 69		58 13	
DF	D	DO	2M	20	2	2	3.4					2							

TC		PLOGSTVB		Log Stock Table - MBF																
T17S R07W S31 Ty0001				48.60		Project:													Page 2	
T17S R07W S31 Ty0002				14.90		Acres 63.50													Date 3/7/2022	
																			Time 11:01:02AM	
Spp	S T	So Gr Log rt de Len			Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches											
									5-5	6-7	8-11	12-15	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50+
DF	D	DO	2M	36	14	3.0	14	20.2			14									
DF	D	DO	2M	40	6	5.0	6	8.9			6									
DF	D	DO	3M	36	12		12	17.7		3	9									
DF	D	DO	3M	40	11		11	16.1		4	7									
DF	D	DO	4M	16	3		3	3.8			3									
DF	D	DO	4M	30	3		3	3.8		3										
DF	D	IS	2M	36	10		10	15.0			10									
DF	D	IS	2M	40	8		8	11.2				8								
DF		Totals			70	2.9	68	2.2		10	19	32	8							
BM		2S	2M	16	4	19.0	3	9.6				3								
BM		2S	2M	40	15	8.7	13	42.8			13									
BM		3S	3M	20	6		6	18.0			6									
BM		3S	3M	40	4		4	13.6			4									
BM		4S	4M	28	1		1	2.6		1										
BM		4S	4M	40	4		4	13.4			4									
BM		PU	CU	15	2	100.0														
BM		PU	CU	20	3	100.0														
BM		PU	CU	21	7	100.0														
BM		PU	CU	22	4	100.0														
BM		PU	CU	24	4	100.0														
BM		PU	CU	30	3	100.0														
BM		PU	CU	40	8	100.0														
BM		Totals			65	52.2	31	1.0		1	14	13	3							
RA		2S	2M	40	17	2.8	16	19.0			16									
RA		3S	3M	30	4		4	4.8			4									
RA		3S	3M	40	15	6.7	14	16.7			14									
RA		4S	4M	16	1	33.3	1	1.1			1									
RA		4S	4M	18	1		1	1.4		1										
RA		4S	4M	20	8		8	9.5		4	4									
RA		4S	4M	24	6		6	6.5		6										
RA		4S	4M	28	1		1	1.7		1										
RA		4S	4M	30	13		13	15.2		6	7									

TC		PLOGSTVB		Log Stock Table - MBF																
T17S R07W S31 Ty0001		48.60		Project:												Page 3				
T17S R07W S31 Ty0002		14.90		Acres 63.50												Date 3/7/2022				
																Time 11:01:02AM				
Spp	S T	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches											
									5-5	6-7	8-11	12-15	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50+
RA		4S	4M	40	21		21	24.1		16	5									
RA		PU	CU	14	1	100.0														
RA		Totals			89	3.4	86	2.8		35	35	16								
RC		DO	4M	16	0		0	100.0		0										
RC		Totals			2	80.0	0	.0		0										
Total		All Species			3,204	5.2	3,038	100.0		244	593	767	574	431	288	69	58	13		