

**Stock Property:**  
**Timber Value Summary**

The following summarizes the timberlands included within this report:

***Acreage***

Merchantable Timber: Type 1	51.09 acres
Reproduction Timber (~6-Years-Old):	2.00 acres
Non-Forested:	7.69 acres

***Timber Volume***

Merchantable Timber: Type 1	759 mbf
-----------------------------	---------

STOCK PROPERTY TOTAL MERCH TIMBER (AS OF MAY 2022)

SPECIES	VOLUME
DOUGLAS FIR	565 MBF
GRAND FIR	92 MBF
RED ALDER	29 MBF
WESTERN RED CEDAR	24 MBF
BIGLEAF MAPLE	24 MBF
INCENSE CEDAR	20 MBF
WESTERN HEMLOCK	5 MBF

### **Property Description:**

The property is located in Section 14 in Township 21 South, Range 4 West, W.M., Douglas County, Oregon. This assessment provides the average market value of all timber holdings valued as of May 15, 2022.

### **Cruise Summary:**

The sample design of the cruise included the following: All merchantable timber was sampled on the Stevens properties. The merchantable timber was cruised using variable plots sampling in Super ACE cruise system, sighting sample trees at 16 feet above stump height. 56 plots were distributed throughout the merchantable timber stand and sampled for volumes, sorts, grades, and defect.

The trees were measured and given sorts & grades per log lengths to the greater merchantable top of 6" or 40% of 16' diameter. Example: A tree with a 16' diameter of 20" would be graded up to 8". The remaining top portion of the tree is not included in the cruise (and will likely not be recovered). Logs were graded using Columbia River Bureau rules. Preferred log lengths were 36', 32', 40' and 2' multiples down to 16' total log lengths and 5" scaling diameter. Sorts were defined by 2M, 3M, 3M+ (rough 12"+), and 4M.

All merchantable standing timber was cruised.

The reproduction timber was sampled for age and stocking.

### **Timber Typing, Mapping, & Acreage:**

Timber types and non-forested areas were delineated using aerial orthographic photography along with Douglas County tax lot geodatabases on ArcMap. Additional mapping and ground truthing of stand boundaries were completed on the ground with ArcPad and a Garmin Glo GPS receiver. Tax lot lines and property boundaries were defined by property markers and geomorphic control points. Property lines were generally well marked. However, I could not locate all exact property lines without the aid of a professional surveyor. If changes are made from a certified surveyor, I'd be happy to alter any variations to the property lines on the attached maps.

I based my cruise upon GIS mapping software. This, and all acreage within this report includes roads.

### **Timber Assessment:**

The merchantable timber (Type 1) consists of ~19 acres of ~40+ year-old timber non-thinned timber, ~17 acres of ~40-50+ year-old mixed conifer/hardwood timber, and ~15 acres of mostly thinned ~40+ year-old timber.

The ~19 acres of non-thinned timber is suitable for harvest, though it would benefit from commercial thinning.

The ~17 acres of mixed hardwood/conifer contains mostly mature conifer and hardwood timber. This area is suitable for harvest at this time.

The ~15 acres of thinned timber is suitable for harvest; although, the stand is growing well and additional growth would provide more volume.

Local log markets currently provide a higher value for logs with butt (large-end) diameters of less than 22" with some mills paying a premium for logs with less than 36" butt diameters. Thus, it may be beneficial to harvest the timber before it grows larger than the highest paying mills accept.

**\*\*\* Detailed Timber Volume Reports are attached.**

### **Harvest Restrictions:**

#### *Cultural Resource, Wildlife, and Fish Protection:*

To the best of my knowledge, I do not know of any protective measure that may restrict “normal” harvest activities—with regards to cultural, landslide, wildlife or other unstated protection. However, I have not contacted the State and/or other regulatory offices regarding potential restrictions and provide no guarantees. Additional information may be obtained from ODF when a harvest notification is filed. Terms are generally based upon the discretion of the Oregon Department of Forestry and the Oregon Forest Practices Act and Rules.

Some streams on the property meet criteria that may potentially require riparian buffers. It will be important to review this with ODF prior to harvest, and also to determine if any of the displayed volume (in this report) will not be restricted.

The acreage, volumes, and values in this report do not reflect any other potential restrictions. The acreage is based on “gross” acreage. Changes may be made to reflect restricted areas (if found).

### **Disclaimer:**

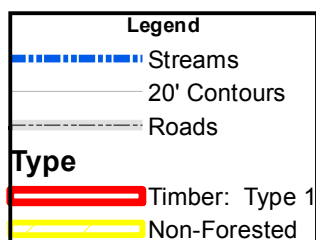
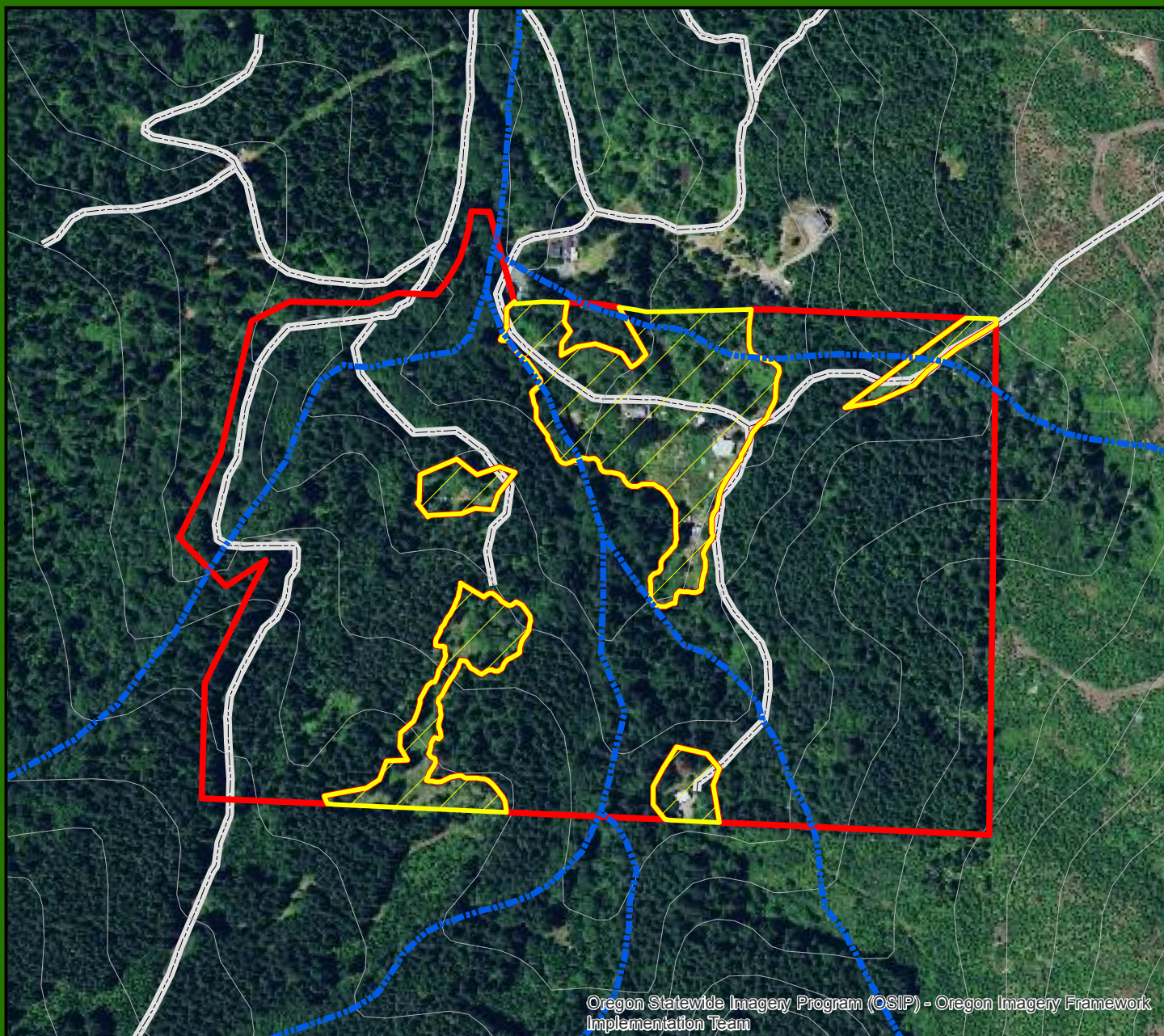
The volumes used for this valuation were based on variable plot sampling. Some error may still exist with log volumes.

The accuracy of log volumes, grades, sorts, species, and acreage are based upon the best of the cruiser’s ability given the sampling methods and available resources. Information is neither guaranteed nor warranted and may be subject to error due to hidden defect, disease, inaccurate database data, mapping error, and/or other circumstances. The client receiving this report assumes the risk of any inaccurate or misrepresented information.

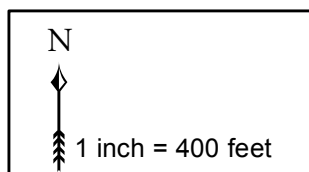
Thank you,  
Jared Simmons  
Alpenglow Forestry Consulting, LLC  
(541)-525-3582

# Stephen Stock Property

T21S, R4W, Sec 14 WM



NAIP 2018 Orthographic Imagery



TC TLOGSTVB				Log Stock Table - MBF																
				Project: STOCK																
T21S R04W S14 T0001												T21S R04W S14 T0001								
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	Page	1											
21S	04W	14	STOCK	0001	51.09	56	236	Date	5/15/2022											
									Time	9:58:24AM										
Spp	S	So	Gr	Log	Gross	%	Net	%	Net Volume by Scaling Diameter in Inches											
									MBF	Def	MBF	Spc	2-2	3-3	4-4	5-9	10-11	12-15	16-18	19-20
DF		3+	2M	40	5	37.0	3	.5									3			
DF		2S	2M	26	3	17.4	3	.5									3			
DF		2S	2M	32	15	3.0	14	2.5						14						
DF		2S	2M	36	49	7.8	45	7.9						30	11		4			
DF		2S	2M	40	26	9.4	24	4.2						16	8					
DF		S	3M	30	2	3.0	2	.4				2								
DF		S	3M	32	80	7.7	74	13.0				59	14							
DF		S	3M	34	2	3.0	1	.3				1								
DF		S	3M	36	203	3.8	196	34.7				151	45							
DF		S	3M	40	62	3.4	60	10.6				17	43							
DF		S	4M	16	20	3.0	20	3.5				20								
DF		S	4M	18	7	11.0	6	1.1				6								
DF		S	4M	20	13	3.0	12	2.2				12								
DF		S	4M	24	5	10.3	4	.8				4								
DF		S	4M	26	6	3.0	6	1.0				6								
DF		S	4M	28	2	3.0	2	.3				2								
DF		S	4M	30	14	3.0	13	2.3				13								
DF		S	4M	32	30	10.1	27	4.8				27								
DF		S	4M	34	2	3.0	2	.4				2								
DF		S	4M	36	43	3.8	41	7.3				41								
DF		S	4M	40	10	3.0	10	1.7				10								
DF		Totals			598	5.5	565	74.4				373	103	60	19		7	3		
GF		2S	2M	36	18	8.6	16	17.9						11	5					
GF		2S	2M	40	18	9.2	16	17.4						6	6			4		
GF		S	3M	36	38	7.3	35	38.0				18	17							
GF		S	3M	40	15	5.7	14	15.3				8	6							
GF		S	4M	16	2	4.0	2	2.5				2								
GF		S	4M	18	1	4.0	1	1.4				1								
GF		S	4M	20	0	4.0	0	.3				0								
GF		S	4M	26	1	4.0	1	.8				1								
GF		S	4M	30	2	4.0	2	2.0				2								
GF		S	4M	32	1	4.0	1	.7				1								
GF		S	4M	36	3	4.0	3	3.7				3								
GF		Totals			99	7.3	92	12.1				37	23	17	11			4		
BM		2S	2M	36	2	25.0	2	6.8						2						
BM		S	3M	20	4	22.1	3	11.8						3						
BM		S	3M	26	2	20.0	1	5.9						1						
BM		S	3M	30	2	25.0	1	5.6				1								
BM		S	3M	32	2	35.7	1	6.0				1								
BM		S	3M	36	9	15.7	7	30.6				7								
BM		S	3M	40	5	27.4	3	14.0				2		2						
BM		S	4M	26	1	10.0	1	5.0				1								
BM		S	4M	30	3	30.0	2	9.1				2								
BM		S	4M	32	2	40.0	1	5.2				1								
BM		Totals			32	23.8	24	3.2				16	6	2						
RA		RA	2M	30	2	17.3	2	6.6						2						
RA		RA	2M	36	2	19.7	1	4.7						1						

TC TLOGSTVB				Log Stock Table - MBF																
				Project: STOCK																
T21S R04W S14 T0001										T21S R04W S14 T0001										
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	Page	2											
21S	04W	14	STOCK	0001	51.09	56	236	Date	5/15/2022											
										Time	9:58:24AM									
Spp	S	So	Gr	Log	Gross	%	Net	%	Net Volume by Scaling Diameter in Inches											
									MBF	Def	MBF	Spc	2-2	3-3	4-4	5-9	10-11	12-15	16-18	19-20
RA	RA	3M	36		4	22.5	3	9.5				3								
RA	RA	3M	40		10	13.7	8	28.7				8								
RA	RA	4M	16		5	17.5	4	14.3				4								
RA	RA	4M	20		1	16.0	1	3.9				1								
RA	RA	4M	30		7	19.3	6	20.3				6								
RA	RA	4M	32		3	44.2	2	5.4				2								
RA	RA	4M	36		2	22.5	2	6.6				2								
RA	Totals				36	19.8	29	3.8				25		3						
RC	RC	2M	20		0	8.0	0	1.6						0						
RC	RC	2M	30		2	18.2	2	7.3						2						
RC	RC	2M	32		10	18.3	8	34.6						4				2		2
RC	RC	2M	36		10	17.0	8	34.8								5				3
RC	RC	3M	32		1	23.3	0	1.7				0								
RC	RC	3M	36		3	15.4	3	12.2				3								
RC	RC	3M	40		1	8.0	1	3.2						1						
RC	RC	4M	16		1	20.9	0	1.9				0								
RC	RC	4M	18		0	31.0	0	.5				0								
RC	RC	4M	24		1	8.0	1	2.3				1								
RC	Totals				29	17.1	24	3.2				5	1	6		5		2		6
IC	IC	2M	36		3	13.7	3	13.0						3						
IC	IC	2M	40		10	17.3	8	43.2									6		3	
IC	IC	3M	32		2	8.0	2	10.0				2								
IC	IC	3M	36		3	13.4	3	14.5				1	2							
IC	IC	3M	40		3	10.7	3	14.8				2	1							
IC	IC	4M	20		1	8.0	1	3.3				1								
IC	IC	4M	24		0	38.7	0	1.3				0								
IC	Totals				23	14.6	20	2.6				5	3	3			6		3	
WH	2S	2M	36		3	9.3	2	39.4						2						
WH	S	3M	36		3	4.0	3	41.3				3								
WH	S	4M	30		1	4.0	1	12.4				1								
WH	S	4M	32		0	4.0	0	6.9				0								
WH	Totals				7	6.2	6	.8				4		2						
Total All Species					823	7.7	759	100.0				465	136	94	35	6	12	13		

T	Species, Sort Grade - Board Foot Volumes (Type)										Page 1									
	Project: STOCK										Date	5/15/2022								
											Time	9:58:24AM								
T21S R04W S14 T0001										T21S R04W S14 T0001										
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt											
21S	04W	14	STOCK	0001	51.09	56	236	1	W											
S So Gr T rt ad Spp			% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume								Average Log				Logs Per /Acre
			Def%	Gross	Net	Log Scale Dia.				Log Length				Ln	Dia	Bd	CF/ Lf			
								5-6	7-11	12-19	20+	16-20	21-30	32-36	37-99	Ft	In	Ft		
DF	3+	2M		37.0	90	57	3				100				100	40	27	863	7.025	.1
DF	2S	2M	15	7.8	1,819	1,677	86			92	8		3	69	28	36	14	230	1.774	7.3
DF	S	3M	59	4.6	6,832	6,515	333	7	93				1	81	18	35	8	84	.705	77.3
DF	S	4M	26	5.2	2,958	2,803	143	100	0			27	17	49	7	27	5	28	.318	99.1
DF	Totals		74	5.5	11,699	11,051	565	29	55	14	2	7	5	71	17	31	7	60	.574	183.7
GF	2S	2M	35	8.9	696	634	32			88	12			51	49	38	15	302	2.082	2.1
GF	S	3M	53	6.8	1,028	958	49	22	78					71	29	37	8	86	.693	11.1
GF	S	4M	12	4.0	213	205	10	97	3			37	25	38		25	5	26	.367	7.8
GF	Totals		12	7.3	1,937	1,796	92	23	42	31	4	4	3	60	33	33	8	86	.762	21.0
BM	2S	2M	6	25.0	43	32	2			100				100		36	12	135	1.917	.2
BM	S	3M	74	22.1	448	349	18		100			16	16	49	19	32	8	58	.883	6.0
BM	S	4M	20	29.1	128	91	5	20	80				73	27		30	7	34	.627	2.7
BM	Totals		3	23.8	620	472	24	4	89	7		12	26	49	14	32	8	53	.842	8.9
RA	RA	2M	11	18.3	77	63	3			100			58	42		32	13	159	2.256	.4
RA	RA	3M	38	16.1	256	215	11	45	55					25	75	39	7	59	.598	3.7
RA	RA	4M	51	22.7	366	283	14	79	21			36	40	24		24	6	25	.462	11.1
RA	Totals		4	19.8	699	561	29	57	31	11		18	27	26	29	28	6	37	.562	15.2
RC	RC	2M	78	17.5	452	372	19			59	41	2	9	89		32	16	311	3.251	1.2
RC	RC	3M	17	15.0	96	81	4	31	69					81	19	36	7	58	.775	1.4
RC	RC	4M	5	16.4	26	22	1	27	73			51	49			20	7	27	.850	.8
RC	Totals		3	17.1	574	476	24	7	15	46	32	4	10	83	3	31	10	139	1.702	3.4
IC	IC	2M	56	16.5	257	215	11			45	55			23	77	38	18	454	3.819	.5
IC	IC	3M	39	11.0	169	150	8		100					62	38	36	8	79	.874	1.9
IC	IC	4M	5	19.2	22	18	1	100				72	28			21	5	18	.316	1.0
IC	Totals		3	14.6	448	383	20	5	39	25	31	3	1	37	58	32	9	115	1.271	3.3
WH	2S	2M	39	9.3	54	49	2			100				100		36	12	163	1.389	.3
WH	S	3M	41	4.0	53	51	3		100					100		36	9	96	.778	.5
WH	S	4M	20	4.0	25	24	1	100					64	36		31	5	29	.396	.8
WH	Totals		1	6.2	131	123	6	19	41	39			12	88		33	8	74	.720	1.7
Type Totals				7.7	16,108	14,862	759	27	52	17	4	7	7	67	20	31	7	63	.629	237.2



TC TSTATS				STATISTICS				PAGE	1		
				PROJECT	STOCK	DATE				5/15/2022	
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt		
21S	04W	14	STOCK	0001	51.090	56	256	1	W		
				TREES	ESTIMATED	PERCENT					
				PER PLOT	TOTAL	SAMPLE					
					TREES	TREES					
TOTAL			56	256	4.6						
CRUISE			51	236	4.6	7,430		3.2			
DBH COUNT											
REFOREST											
COUNT			5	20	4.0						
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			148	98.1	13.0	60	25.2	90.9	11,699	11,051	3,251
GRANDFIR			25	11.1	14.7	64	3.4	13.2	1,937	1,796	521
BL MAPLE			19	11.9	13.4	38	3.2	11.7	620	472	237
R ALDER			17	15.8	11.0	36	3.1	10.4	699	561	238
WR CEDAR			10	2.3	22.2	50	1.3	6.1	574	476	179
IN CEDAR			7	1.9	20.1	61	0.9	4.2	448	383	135
COTTWOOD			3	.3	36.4	88	0.3	2.1			
CHINQPIN			3	2.6	10.9	29	0.5	1.7			
WHEMLOCK			2	.8	15.5	67	0.3	1.1	131	123	40
REDWOOD			2	.5	20.3	47	0.2	1.1			
TOTAL			236	145.4	13.4	55	38.9	142.5	16,108	14,862	4,601
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			88.8	7.4	162	175	188				
GRANDFIR			105.3	21.5	212	270	327				
BL MAPLE			58.3	14.1	49	57	64				
R ALDER			90.3	22.6	42	55	67				
WR CEDAR			82.0	27.3	275	378	481				
IN CEDAR			80.4	32.7	260	386	513				
COTTWOOD											
CHINQPIN											
WHEMLOCK			30.0	28.1	114	158	203				
REDWOOD											
TOTAL			109.9	7.3	163	176	189	482	120	54	
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			88.5	7.4	48	52	55				
GRANDFIR			89.2	18.2	62	76	89				
BL MAPLE			58.6	14.2	24	28	32				
R ALDER			101.5	25.4	18	25	31				
WR CEDAR			69.8	23.2	103	134	165				
IN CEDAR			73.7	30.0	94	134	174				
COTTWOOD											
CHINQPIN											
WHEMLOCK			38.1	35.7	33	52	71				
REDWOOD											
TOTAL			103.2	6.8	51	55	58	425	106	47	
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			100.0	13.4	85	98	111				

TC TSTATS				STATISTICS			PAGE 2		
				PROJECT	STOCK	DATE 5/15/2022			
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
21S	04W	14	STOCK	0001	51.090	56	256	1	W
CL:	68.1 %	COEFF		TREES/ACRE			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
GRANDFIR		226.0	30.2	8	11	14			
BL MAPLE		286.1	38.2	7	12	17			
R ALDER		340.7	45.5	9	16	23			
WR CEDAR		334.4	44.7	1	2	3			
IN CEDAR		429.4	57.3	1	2	3			
COTTWOOD		456.7	61.0	0	0	0			
CHINQPIN		524.5	70.0	1	3	4			
WHEMLOCK		748.3	99.9	0	1	2			
REDWOOD		748.3	99.9	0	0	1			
TOTAL		71.1	9.5	132	145	159	202	51	22
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		80.8	10.8	81	91	101			
GRANDFIR		210.5	28.1	9	13	17			
BL MAPLE		259.5	34.6	8	12	16			
R ALDER		283.6	37.9	6	10	14			
WR CEDAR		263.2	35.1	4	6	8			
IN CEDAR		348.9	46.6	2	4	6			
COTTWOOD		427.9	57.1	1	2	3			
CHINQPIN		561.5	75.0	0	2	3			
WHEMLOCK		748.3	99.9	0	1	2			
REDWOOD		748.3	99.9	0	1	2			
TOTAL		50.1	6.7	133	142	152	100	25	11
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		83.5	11.2	9,819	11,051	12,284			
GRANDFIR		211.0	28.2	1,290	1,796	2,302			
BL MAPLE		264.0	35.3	306	472	639			
R ALDER		263.2	35.1	364	561	758			
WR CEDAR		265.5	35.4	307	476	644			
IN CEDAR		353.9	47.2	202	383	564			
COTTWOOD									
CHINQPIN									
WHEMLOCK	748.3	99.9		0	123	247			
REDWOOD									
TOTAL		55.8	7.5	13,754	14,862	15,970	124	31	14
CL:	68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR		82.4	11.0	2,893	3,251	3,609			
GRANDFIR		212.7	28.4	373	521	669			
BL MAPLE		266.7	35.6	153	237	321			
R ALDER		264.3	35.3	154	238	322			
WR CEDAR		258.8	34.6	117	179	241			
IN CEDAR		352.0	47.0	72	135	199			
COTTWOOD									
CHINQPIN									
WHEMLOCK	748.3	99.9		0	40	80			
REDWOOD									
TOTAL		52.1	7.0	4,281	4,601	4,921	108	27	12