

Appendix B – Species Composition of Forest Stands (from Whitlock 2009, Independence Lake Management Plan)

Type	Acres/ Type	Species	% Species Comp.	Density TPA	Density TPA <12"	BA/Ac	Ave Diameter	Net MBdft/Ac	Net MCuft/Ac	Est. C Mt/Ac	Fuel Load Tons/Ac	Health
GF01	552	Totals	100	300	218	204	11	15.4	3.9	46.38	9	3
Density <12"	73%	Wwp	1	3	1	7	21	0.96	0.2	2.48	5-Healthy 4 3-Average 2 1-Poor	
		Wf	40	120	96	66	10	4.4	1.2	13.72		
		Snag	1	5	0	11	19	0.1	0.02	0.20		
		Rf	32	98	69	64	11	5.2	1.4	16.01		
		Lp	12	36	30	14	8	1.2	0.27	3.35		
		Jp	13	37	21	41	14	3.5	0.83	10.30		
		Asp	1	1	1	1	13	0.06	0.02	0.31		
GF02	470	Totals	100	632	487	401	11	37.7	8.9	102.76	12	3
Density <12"	77%	Wwp	10	61	43	48	12	6	1.3	16.14		
		Wf	36	228	180	130	10	10.9	2.7	30.87		
		Snags	0.8	5	0	10	19	0.1	0.02	0.20		
		Rf	37	235	175	169	12	17.7	4.1	46.88		
		Mh	3	19	13	17	13	1.5	0.4	4.57		
		Lp	1	7	0	13	18	1.4	0.3	3.72		
		Jp	0.2	1	0	1	16	0.1	0.03	0.37		
		Asp	12	76	76	13	6	0	0	0.00		
GF03	299	Totals	100	293	186	268	13	22.8	5.6	65.44	7	3
Density <12"	63%	Wwp	2	7	7	0	2	0	0	0.00		
		Wf	57	166	106	144	13	12.6	3.3	37.73		
		Snags	3	10	0	20	19	0.1	0.02	0.20		
		Rf	6	17	7	18	14	1.7	0.42	4.80		
		Mh	6	17	13	9	10	0.6	0.14	1.60		
		Jp	26	76	53	77	14	7.8	1.7	21.11		

Notes: **Wwp** – Western White pine, **Wf**-White fir, **Rf**-Red fir, **Mh**-Mountain Hemlock, **Lp**-Lodgepole pine, **Jp**-Jeffery pine, **Asp**-Aspen, **Snags**-Standing Dead Trees, **Comp.**- Composition, **TPA**-Trees per Acre, **BA**-Basel Area, **Ac.**-Acre, **MBdft**-Thousand Board Feet, **MCuft**-Thousand Cubic Feet, **C Mt**-Carbon Metric Tons

Type	Acres/ Type	Species	% Species Comp.	Density TPA	Density TPA <12"	BA/Ac	Average Diameter	Net MBdft/Ac	Net MCuft/Ac	Est. C Mt/Ac	Fuel Load Tons/Ac	Health
YG01	39	Totals	100	499	471	189	8	7.5	1.9	22.02	5	3
Density <12"	94%	Wwp	7	33	33	18	10	1	0.3	3.72		
		Wf	54	271	249	109	9	4	1	11.43		
		RF	36	178	172	62	8	2.5	0.6	6.86		
		Lp	3	17	17	0.4	2	0	0	0.00		
OG01	28	Totals	100	313	240	270	13	41.8	8.5	99.41	10	3
Density <12"	77%	Wwp	13	40	20	53	16	8.3	1.665	20.67		
		Wf	1	4	0	6	16	0.3	0.089	1.02		
		Rf	85	268	220	199	12	30.8	6.344	72.53		
		Jp	1	1	0	12	46	2.4	0.418	5.19		
LP01	291	Totals	100	347	248	226	11	19.6	4.5	55.02	15	3
Density <12"	71%	Wf	41	142	126	57	9	4.8	1.2	13.72		
		Snags	3	9	2	14	17	0.1	0.02	0.20		
		Rf	2	7	4	8	14	0.8	0.2	2.29		
		Lp	37	130	78	109	12	11.4	2.5	31.04		
		Jp	11	38	23	28	12	2	0.5	6.21		
		Asp	6	21	15	10	9	0.5	0.1	1.57		
LP02	47	Totals	100	548	300	339	11	23.1	5.1	62.84	12	3
Density <12"	55%	Wf	7	40	0	3	4	0	0	0.00		
		Snags	9	47	0	93	19	1	0.2	2.01		
		Lp	84	461	300	243	10	22.1	4.9	60.84		
JP01	261	Totals	100	293	230	167	10	13.3	3.3	37.87	5	3
Density <12"	78%	Wf	41	119	87	85	11	6.7	1.8	20.58		
		Snags	1	3	3	4	15	0.06	0.007	0.07		
		Rf	27	79	64	39	9	3.6	0.8	9.15		
		Lp	7	22	21	6	7	0.2	0.05	0.62		
		Jp	24	70	55	33	9	2.7	0.6	7.45		

Summary of Forest Types

Type	Acres/ Type	Density TPA	Density TPA <12"	BA/Ac	QMD (All)	QMD (12"+)	Net MBdft/Ac	Net MCuft/Ac	Est. C Mt/Ac	Fuel Load Tons/Ac	Overall Health
GF01	552	300	218	204	11	18	15.4	3.9	46.38	9	3-Ave.
GF02	470	632	487	401	11	22	37.7	8.9	102.76	12	3-Ave.
GF03	299	293	186	268	13	21	22.8	5.6	65.44	7	3-Ave.
YG01	39	499	471	189	8	16	7.5	1.9	22.02	5	3-Ave.
OG01	28	313	240	270	13	23	41.8	8.5	99.41	10	3-Ave.
LP01	291	347	248	226	11	17	19.6	4.5	55.02	15	3-Ave.
LP02	47	548	300	339	11	17	23.1	5.1	62.84	12	3-Ave.
JP01	261	293	230	167	10	19	13.3	3.3	37.87	5	3-Ave.
Totals	1987						44,761	10,733	125,956		