

J. MUDDIMAN

Licence: W/L 259
Cutting Permit:

F.I. Zone: I STUART LAKE

Number of Plots: 12
Type of Plot: Prism

Utilization Standards:

D.B.H. - cm
Stump Ht. - cm
Top DIB. - cmSUMMARY STATISTICS

ALL TYPES - ALL BLOCKSPage 1
Date: 24-FEB-87
Job #: 870240Merch Area
Total Area 16.3 ha
Average Slope 6.8%

SPECIES

SPRUCE PINE LOD ASPEN TOTAL CONIF ALL SPECIES

Volume and Size:

Total Gross Merch Vol.	m3	1386	1239	869	2624	3493
Cut Control Vol(less DB)	m3	1295	1081	601	2376	2977
Total Merch Vol(less DBU)	m3	1285	1047	521	2332	2853
Avg. Net Merch Vol/ha	m3	85	69	35	154	189
Net Vol. Dist. by Species %		45	37	18	82	100
Decay % of Gross		4.6	10.7	26.8	7.4	12.3
Waste 2 % of Gross		0.7	2.8	9.2	1.7	3.6
Waste 2(Billing) % of Net		0.8	3.3	15.3	1.9	4.3
Breakage % of Gross		2.0	2.0	4.0	2.0	2.5
Total Cull(DBH) % of Gross		7.3	15.5	40.0	11.1	18.3
Pot. Stems/ha (Live & DP)		285.2	126.0	97.2	411.2	508.4
Snags/ha Dead Useless 12.5+		104.2	31.2	0.0	135.4	135.4
Snags/ha Dead Useless C.U.+ (Live & DP)		19.2	31.2	0.0	50.4	50.4
Average DBH		22.8	29.2	29.5	24.9	25.9
Average DBH		24.7	23.7	0.0	24.1	24.1
Merch. Vol/Tree Gross m3		0.32	0.65	0.59	0.42	0.46
Merch. Vol/Tree Net m3		0.30	0.55	0.36	0.38	0.37
Average Total Height m		21.7	23.9	23.5	22.8	22.9
Average Merch. Length m		15.6	19.6	18.4	17.4	17.6
Number of 10 m Logs/Tree		1.3	2.0	1.8	1.6	1.6
Net Vol. in Avg. 10 m Log		0.23	0.28	0.21	0.25	0.24
Merch. Stems/ha >= 54cm		0	0	0	0	0
Merch. Stems/ha >= 56cm		0	0	0	0	0
Net Vol./Ha m3 >= 54cm		0.0	0.0	0.0	0.0	0.0
Net Vol./Ha m3 >= 56cm		0.0	0.0	0.0	0.0	0.0

Lumber and Chips:

% Net Volume Small Logs	95	94	83	95	92
% Net Volume Large Logs	5	6	17	5	8
L.R.F. 80 ft/m3 Small Logs	177	184	165	180	178
L.R.F. 80 ft/m3 Large Logs	220	211	206	215	212
Average L.R.F. All Logs	179	186	172	182	180
Chip Yield 80U/m3	0.137	0.150	0.166	0.143	0.147

Statistics:

Total Conif
All SpeciesNumber of Live & DP Trees
Standard Deviation m3
Coefficient of Variation %
T (95%) Standard Error %48
64.4
41.7
27.464
82.3
43.6
31.0U0259
CPA

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Cutting Permit :

(Scale Based -----)

Cruise Based -----)

Forest District : -----)

CUTTING SPECIFICATIONS : (Selective Logging : Yes --- No X_) (Endemic --- Catastrophic ---)

Species

TOTAL
CONIF SPECIES

ASPEN

TOTAL
CONIF

SPRUCE PINE LOD

D.B.H. - cm
Stump Ht. - cm
Top DBH - cm15.0 12.5 15.0
30.0 30.0 30.0
10.0 10.0 10.0

NET MERCHANTABLE VOLUMES (Gross Merch - DW2B) (Wet Belt X_ Dry Belt -----)

Type
Label Area
(ha)

Species

SPRUCE PINE LOD
(M3)ASPEN
(M3)TOTAL
CONIF
(M3)ALL
SPECIES
(M3)I SPL(A) 731M
II SA(PL) 731M8.3
2.6
10.9908 1194 93
554 120 133
1462 1313 2262102 2194
674 807
2775 3001Moderate & Heavy
Fire Damage % of Volume

(-----) (-----) (-----) (-----) (-----)

DAMAGED TIMBER : (Description of Damage : -----)

Canifer Blowdown Volume (DBZ) = ----- %
Canifer Heavy Fire Damage (HFDZ) = ----- %
Canifer Dead Useless Snags (DUSZ) = ----- %
Damaged Timber Total (DTZ) = ----- %
Beetle Damage Percent by Stem Count
Normal -----
Green Attack -----
Red Attack -----
Gray Attack -----

APPRAISAL DATA

Avg. Net Merch Vol/ha m3
Net Vol. Dist. by Species %
Decay % of Gross
Waste 2 (Billing) % of Net
Total Cull (DWB) % of Gross
Average DBH (Live & DP)
March Vol / Tree m3
% Net Volume Stud Logs
Average L.R.F. All Logs

SPRUCE PINE LOD ASPEN

TOTAL
CONIFALL
SPECIES134 120 21
49 44 B
4.6 11.3 41.1
1.7 3.4 46.9
8.2 16.2 62.7
22.5 29.2 26.6
0.29 0.56 0.19
67 40 59
179 187 151255 275
92 100
7.9 13.3
2.5 5.8
12.1 20.2
24.8 25.1
0.38 0.35
54 55
182 180

Date Approved -----

Approved by -----

Average Slope : 5.0