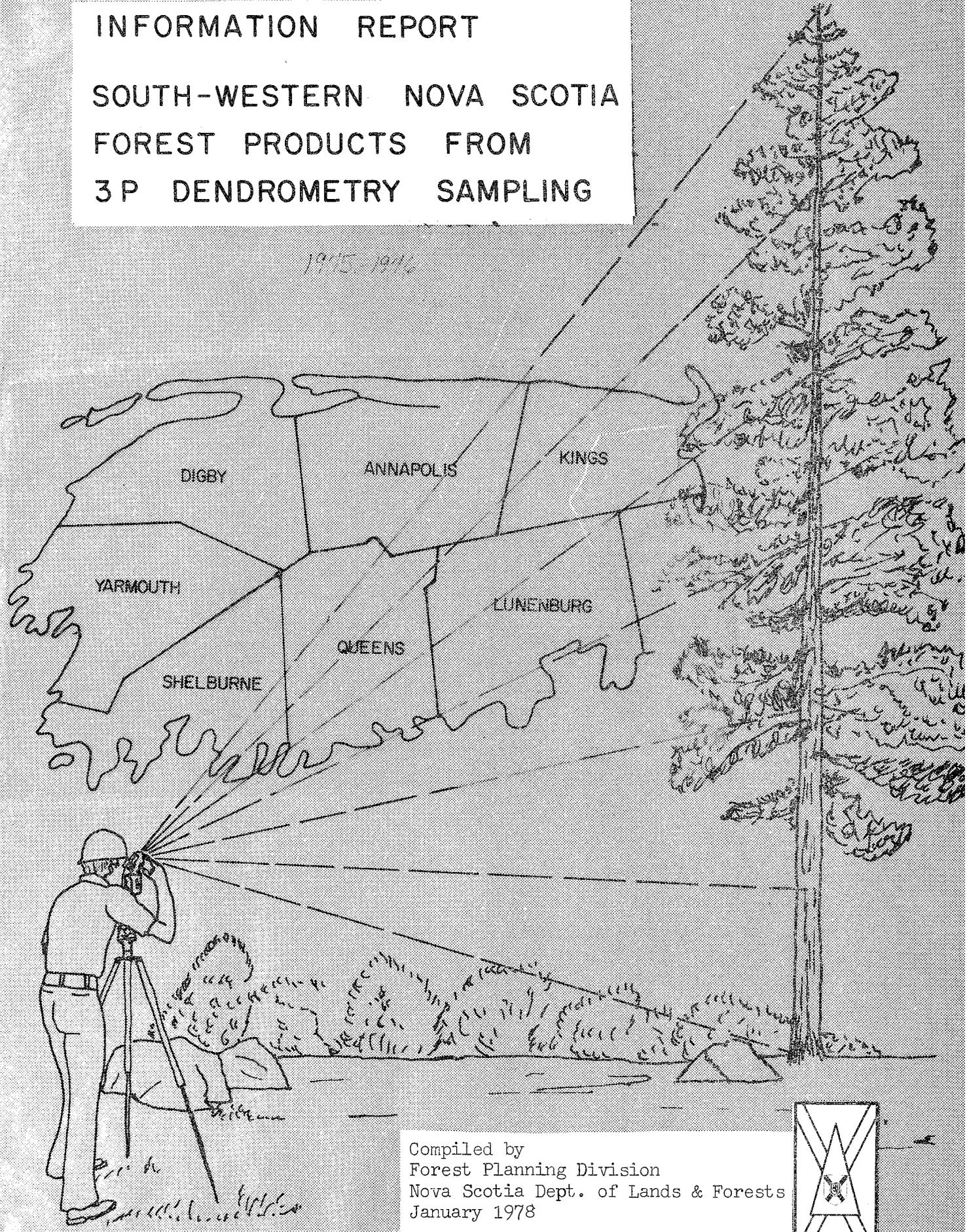
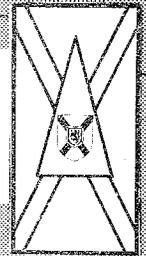


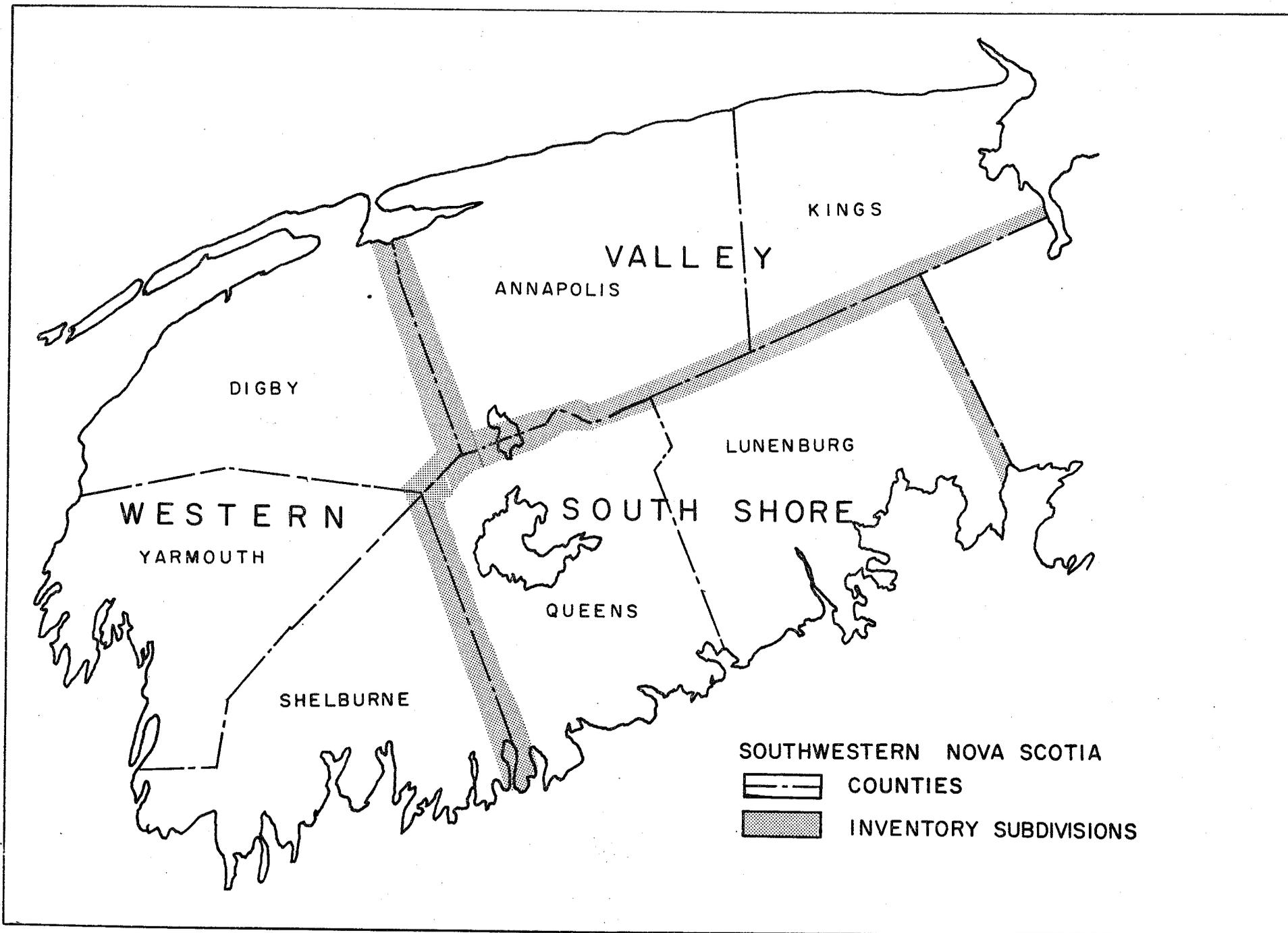
INFORMATION REPORT
SOUTH-WESTERN NOVA SCOTIA
FOREST PRODUCTS FROM
3 P DENDROMETRY SAMPLING

1975-1976



Compiled by
Forest Planning Division
Nova Scotia Dept. of Lands & Forests
January 1978





Information Report
Forest Products Inventory
South Western Nova Scotia

List of Tables

	Page
Volume by Product and Species in Thousands of Gross Merchantable Cubic Feet and Board Feet for:	
1 South Western Nova Scotia	10
2 South Western Nova Scotia Ownership	11
3 South Western Nova Scotia Softwood Cover	12
4 South Western Nova Scotia Mixedwood Cover	13
5 South Western Nova Scotia Hardwood Cover	14
6 South Shore Subdivision	15
7 Western Subdivision	16
8 Valley Subdivision	17
9 South Shore Subdivision Softwood Cover	18
10 South Shore Subdivision Mixedwood Cover	19
11 South Shore Subdivision Hardwood Cover	20
12 Western Subdivision Softwood Cover	21
13 Western Subdivision Mixedwood Cover	22
14 Western Subdivision Hardwood Cover	23
15 Valley Subdivision Softwood Cover	24
16 Valley Subdivision Mixedwood Cover	25
17 Valley Subdivision Hardwood Cover	26
18 Lunenburg County	27
19 Queens County	28
20 Shelburne County	29
21 Yarmouth County	30
22 Digby County	31
23 Annapolis County	32
24 Kings County	33
Per Cent of Gross Merchantable Cubic Feet by Product and Species for:	
25 South Western Nova Scotia	34
26 South Western Nova Scotia Ownership	35
27 South Western Nova Scotia Softwood Cover	36
28 South Western Nova Scotia Mixedwood Cover	37
29 South Western Nova Scotia Hardwood Cover	38
30 South Shore Subdivision	39
31 Western Subdivision	40
32 Valley Subdivision	41
33 South Shore Subdivision Softwood Cover	42
34 South Shore Subdivision Mixedwood Cover	43
35 South Shore Subdivision Hardwood Cover	44
36 Western Subdivision Softwood Cover	45
37 Western Subdivision Mixedwood Cover	46
38 Western Subdivision Hardwood Cover	47
39 Valley Subdivision Softwood Cover	48
40 Valley Subdivision Mixedwood Cover	49
41 Valley Subdivision Hardwood Cover	50

	Page
42 Lunenburg County	51
43 Queens County	52
44 Shelburne County	53
45 Yarmouth County	54
46 Digby County	55
47 Annapolis County	56
48 Kings County	57

Sawlog Volume in F.b.m. for Three Log Rule by Species for:

49 South Shore Subdivision	58
50 Western Subdivision	59
51 Valley Subdivision	60
52 Lunenburg County	61
53 Queens County	62
54 Shelburne County	63
55 Yarmouth County	64
56 Digby County	65
57 Annapolis County	66
58 Kings County	67

Lineal Feet By Products and Species for:

59 South Shore Subdivision	68
60 Western Subdivision	69
61 Valley Subdivision	70
62 Lunenburg County	71
63 Queens County	72
64 Shelburne County	73
65 Yarmouth County	74
66 Digby County	75
67 Annapolis County	76
68 Kings County	77

Basal Area and Number of Trees by Product for:

69 South Shore Subdivision	78
70 Western Subdivision	79
71 Valley Subdivision	80
72 Lunenburg County	81
73 Queens County	82
74 Shelburne County	83
75 Yarmouth County	84
76 Digby County	85
77 Annapolis County	86
78 Kings County	87

	Page
List of Tables	2
Introduction	5
3P Sampling Theory	5
3P Dendrometry Sampling	6
Preparation	6
Field Procedure	7
Compilation	7
Definition of Products	8
Comparison	8
Tables	9

Information Report Forest Products
South Western Nova Scotia

INTRODUCTION

One of the shortcomings of the Provincial Inventory is a lack of data on the quality of the material in the growing stock, and the fact that the data, once compiled to certain merchantable limits, was impossible to change to other merchantable limits without using questionable conversion techniques. With the introduction of a new inventory technique called "3P Dendrometry Sampling", this type of quality classification and flexibility becomes possible.

3P SAMPLING THEORY

Three P Sampling technique was developed by L.R. Grosenbaugh in the early 1960's while working at the Pacific Southwest Forest and Range Experiment Station, Berkeley, California.

Three P (3P) means Probability, Proportional to Prediction. This means that the probability of a tree being chosen for measurement is proportional to its predicted value. It was reasoned that rather than taking a few measurements on a lot of trees, it would be better to take better measurements on only a few trees which have been properly selected, and that the concentration of measurements should be on the trees of greatest value.

By (a) using random numbers specially generated for the population being sampled, (b) predicting some value for each tree and (c) comparing the predicted value with the random number, Sample trees can be chosen. A tree qualifies for measurement if the predicted value equals or exceeds the random number. The detail of measurement depends on the purpose, degree of detail and accuracy required. Thus all trees in the Sample have some value predicted, but only a few chosen trees require measurement.

It is important to realize that 3P Sampling is a technique which can be used for nearly all types of sampling jobs. Most people associate 3P Sampling only with 3P Dendrometry Sampling, but this is only one of its applications.

As James C. Space explains*:

1/ "The reason why 3P Sampling is so efficient is because an estimate, or prediction, is made of the volume or value of each tree, a smaller number of samples are then measured very accurately, and the volume or value estimates are corrected accordingly. These samples are selected for measurement in direct proportion to their predicted volume or value hence probability proportional to prediction, or 3P Sampling. The whole premise of

1/ Predicting Product Recovery in Southern Pine using Dendrometry And STX, Prepared for presentation at Annual Meeting of Forest Products Research Society, Anaheim, California, June 28/73.

this system is that some estimate of tree volume or value, even though it may be a poor one, is better than no estimate at all, and that these estimates can be effectively corrected by a small sample of accurately measured trees.

"Since only a few sample trees need to be measured, we can afford to spend extra time to measure them very precisely. One of the ways to do this, without climbing or felling the tree, is to use an optical dendrometer to measure the bole of the standing tree. Measurements can be taken at enough points to accurately define the form of the tree, and also to separate sections of differing quality and defect.

"The measurements taken by dendrometry can be mathematically converted to three primary units of measure: Cubic foot volume, surface area, and length; which, along with a grade or quality defect code, completely define each section of the tree. These primary units of measure have several advantages over more traditional units. Since these are mathematically defined functions, they are much less ambiguous and inconsistent than board feet, cords or other conventional units of measure. They are simpler to use in that they can be calculated from mathematical formulae (using the end diameters and length of each section) rather than applying log rules or volume tables."

The Department of Lands and Forests, with the assistance of Atlantic Resource Consultants and Mr. Jim Space, U.S. Forest Service extracted from the 3P Sampling Theory and its applied 3P Dendrometry technique a method with the use of dendrometers to quantify the quality of material in the growing stock resource of Nova Scotia. A pilot area was done. When the results proved successful, the system was applied to other uses.

3P DENDROMETRY SAMPLING

Preparation

The first step was to decide on the number of trees to be measured. This was done in the same manner as deciding on a Sample size for any Sampling project. From our data on coefficient variation, standard error required etc., it appeared we needed approximately 300 trees per county.

The next step was to generate the random numbers with which to compare the predicted value of trees in the Sample. This was done with a special program called "RN3P". Such factors as numbers of trees needed, value of largest tree, etc. were needed to produce the random numbers.

Once the random numbers were available, all permanent plots in a county were looked at tree by tree, plot by plot. The volume for each tree which had resulted from earlier field measurement was

used as our predicted volume. If the volume for the tree exceeded or was equal to the random number the tree was selected for detailed measurement. The predicted value for all trees was recorded on a form for inclusion in the compilation phase. A list was made of all trees and plots that had to be visited by a field crew. All trees exceeding the maximum were measured with the dendrometer.

Field Procedure

Plots containing trees to be measured were visited by a two man field crew and detailed tree measurements were taken.

Most measurements were taken with a Barr and Stroud Dendrometer. This is a precision instrument which sits on a tripod and is capable of measuring tree diameter and the lengths of a tree section up the bole of the tree. In cases where undergrowth was too thick some measurements on the lower part of the tree were taken by diameter tape.

Once the dendrometer was set in a suitable location to view the selected tree, the tree was classified into one of the following classes:

Species Product

- a) Sawlog
- b) Undersized Log
- c) Boltwood
- d) Pulpwood
- e) Cull

The "definition of Products" will explain the product classification fully.

The first step was to measure D.B.H. with diameter tape, since D.B.H. is one criteria to determine product class. Then two bark thickness readings are taken with a bark gauge and 5 year radial growth is determined from increment boring.

The dendrometer readings are taken at stump height, D.B.H. and as many other readings on stems as the cruiser determines necessary. The number of readings are determined on product, product change and change of taper in the tree.

Detail specifications on the procedure can be obtained by writing: Dept. of Lands and Forests, Manager of Forest Inventory, P.O. Box 68, Truro, N.S., B2N 5B8.

Compilations

The dendrometry data plus the predicted volumes for each tree on all plots in the county are processed by a computer program called "STX" developed by L.R. Grosenbaugh. This program does all the necessary editing and manipulation of the data to provide volume (cubic feet or board feet), basal area, lineal feet, surface area, number of trees by product and D.B.H. Class.

Definition of Products

- Softwood Sawlog - tree 9" + DBH to 8" top and of sawlog quality.
- Hardwood Sawlog - tree 10" + DBH to 8" top and of sawlog quality.
- Undersized Sawlog - softwood trees 7 - 8" DBH to 4" top and of Sawlog quality.
- Boltwood - hardwood trees 7" - 9" DBH to 6" top and of suitable quality.
- Pulpwood - trees not suitable for any of the above 4" + DBH to 4" top.
- Cull - material not suitable for any product.
- Topwood - material between top diameter for sawlog or boltwood and a 4" top.

COMPARISONS

When the Gross Merchantable Cubic Foot Volume for each county is compared to the data from the forest inventory they are found to compare reasonably close. Most of the regular Inventory data is at different ages than 3P inventory, but allowances were made for growth and cut. One of the best comparisons was for Halifax county (not in this report), where both were done in the same year and the two compared within 3%. The comparisons for the counties in South Western Nova Scotia are as follows:

TEMPORARY SAMPLE PLOT/3P INVENTORY COMPARISON

County	% Difference		
	Softwood	Hardwood	Total
Lunenburg	-9	-16	-11
Queens	-3	- 5	- 4
Kings	-4	-32	-15
Annapolis	-5	-21	-11
Digby	+5	66	+23
Yarmouth	+14	0	+ 8
Shelburne	+13	+ 2	+10

ADDITIONAL DATA

Data on lineal feet, trees/acre, basal etc., are not included for data by Cover, Age and Ownership. This would be available by contacting the Manager, Forest Inventory, Truro.

TABLES

TABLE NO. 1

SOUTH WESTERN NOVA SCOTIA

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975-76
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED	PULPWOOD		CULL	TOTAL GROSS MERCHANTABLE
	(FBM)	SAWLOGS	BOLTWOOD	TOPWOOD			
L. SPRUCE	183616	43499	45007	0	16834	7474	219986
SPRUCE (red & black)	1276967	283464	253577	0	99168	9558	848545
PIR	59479	12236	90016	0	3975	28530	268252
HEMLOCK	623989	118326	5889	0	18645	1126	157477
WHITE PINE	1585769	303997	33169	0	50689	35	455188
RED PINE	4991	990	2152	0	90	1228	6819
ARCH	40358	8407	16112	0	2471	660	69712
OTHER SOFT	0	0	0	0	4302	0	4302
MAPLE	25408	4669	0	1992	684	253	28806
RED MAPLE	403637	90862	0	53433	61172	16103	587233
BIRCH	151125	31660	0	6783	12308	4012	80534
BIRCH	53539	11614	0	33919	16762	0	116405
SPEN	77590	18126	0	19953	8318	3620	61768
OTHER HARD	189646	43205	0	28086	19268	23552	154292
TOTAL SOFT	3775169	770919	445922	0	191872	48611	2030281
TOTAL HARD	900945	200136	0	144166	118512	47540	1029038
GRAND TOTS	4676114	971055	445922	144166	310384	96151	3059319

TABLE 2
SOUTH WESTERN NOVA SCOTIA BY OWNERSHIP
VOLUME BY PRODUCTS FOR 3P DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS
GROSS MERCHANTABLE VOLUME (thousands)

	Cubic Feet							
	SAWLOG F.B.M.	SAWLOG	UNDERSIZED LOGS	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE
CROWN								
SOFTWOOD	423,210	91,343	39,024		28,527	89,250	1,629	249,773
HARDWOOD	180,102	39,589		26,566	22,504	125,177	5,924	219,760
TOTAL	604,312	130,932	39,024	26,566	51,031	214,427	7,553	469,533
LARGE PRIVATE								
SOFTWOOD	1,720,702	327,544	161,856		56,329	136,900	6,948	689,577
HARDWOOD	328,120	67,311		39,553	44,285	157,537	16,707	325,393
TOTAL	2,049,822	394,855	161,856	39,553	100,614	294,437	23,655	1,014,970
SMALL PRIVATE								
SOFTWOOD	1,285,229	273,008	205,903		84,525	286,814	32,240	882,490
HARDWOOD	391,970	92,004		70,510	53,726	223,559	22,805	462,604
TOTAL	1,678,199	365,012	205,903	70,510	138,251	510,373	55,045	1,345,094
TOTAL								
SOFTWOOD	3,429,141	691,895	406,783		169,381	512,964	40,817	1,821,840
HARDWOOD	900,192	198,904		136,629	120,515	506,273	45,436	1,007,757
TOTAL	4,329,333	890,799	406,783	136,629	289,896	1,019,237	86,253	2,829,597

TABLE NO. 3

SOUTH WESTERN NOVA SCOTIA SOFTWOOD COVER

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975-76
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED	PULPWOOD			CULL	TOTAL GROSS
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			MERCHANTABLE
W. SPRUCE	157246	38355	35629	0	14539	54988	0	143511
SPRUCE (red & black)	842014	181603	180884	0	60752	124688	9558	557485
FIR	9134	1813	53439	0	706	89793	12663	158414
HEMLOCK	461093	85835	5889	0	13856	10067	0	115647
WHITE PINE	835935	158026	15797	0	29137	45131	0	248091
RED PINE	0	0	2152	0	0	2359	1228	5739
LARCH	40358	8407	10606	0	2471	39283	660	61427
OTHER SOFT	0	0	0	0	0	4302	0	4302
S. MAPLE	0	0	0	0	0	1709	0	1709
RED MAPLE	75369	17073	0	13220	13519	97594	7893	149299
Y. BIRCH	78082	14739	0	0	1883	0	0	16622
W. BIRCH	0	0	0	0	0	5401	0	5401
ASPEN	0	0	0	0	0	1795	0	1795
OTHER HARD	0	0	0	4200	4110	3378	11852	23540
TOTAL SOFT	2345780	474039	304396	0	121461	370611	24109	1294616
TOTAL HARD	153451	31812	0	17420	19512	109877	19745	198366
GRAND TOTS	2499231	505851	304396	17420	140973	480488	43854	1492982

TABLE NO. 4

SOUTH WESTERN NOVA SCOTIA MIXEDWOOD COVER

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975-76

GROSS MERCHANTABLE VOLUME (THOUSANDS)

CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED				PULPWOOD	CULL	TOTAL GROSS
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			MERCHANTABLE	
W. SPRUCE	18758	3536	9378	0	1969	52184	7474	74541	
SPRUCE (red & black)	407281	95169	65985	0	36528	59275	0	256957	
FIR	42208	8553	33627	0	2654	40087	15271	100192	
HEMLOCK	162896	32491	0	0	4789	3424	1126	41830	
WHITE PINE	715085	138856	12449	0	21122	22167	35	194629	
RED PINE	0	0	0	0	0	0	0	0	
LARCH	0	0	5506	0	0	2013	0	7519	
OTHER SOFT	0	0	0	0	0	0	0	0	
S. MAPLE	0	0	0	0	0	7249	0	7249	
RED MAPLE	228664	53301	0	27083	34275	189464	7611	311734	
Y. BIRCH	56507	13690	0	3870	7110	16536	1712	42918	
W. BIRCH	4996	1165	0	19817	6867	38390	0	66239	
ASPEN	45874	10090	0	6576	2304	0	3620	22590	
OTHER HARD	120398	26859	0	14518	9897	21651	11035	83960	
TOTAL SOFT	1346228	278605	126945	0	67062	179150	23906	675668	
TOTAL HARD	456439	105105	0	71864	60453	273290	23978	534690	
GRAND TOTS	1802667	383710	126945	71864	127515	452440	47884	1210358	

TABLE NO. 5

SOUTH WESTERN NOVA SCOTIA HARDWOOD COVER

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975-76

GROSS MERCHANTABLE VOLUME (THOUSANDS)

CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED			PULPWOOD	CULL	TOTAL GROSS
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			MERCHANTABLE
W. SPRUCE	7612	1608	0	0	326	0	0	1934
SPRUCE (red & black)	27672	6692	6708	0	1888	18815	0	34103
FIR	8137	1870	2950	0	615	3615	596	9646
HEMLOCK	0	0	0	0	0	0	0	0
WHITE PINE	34749	7115	4923	0	430	0	0	12468
RED PINE	4991	990	0	0	90	0	0	1080
LARCH	0	0	0	0	0	766	0	766
OTHER SOFT	0	0	0	0	0	0	0	0
S. MAPLE	25408	4669	0	1992	684	12250	253	19848
RED MAPLE	99604	20488	0	13130	13378	78605	599	126200
Y. BIRCH	16536	3231	0	2913	3315	9235	2300	20994
W. BIRCH	48543	10449	0	14102	9895	10319	0	44765
ASPEN	31716	8036	0	13377	6014	9956	0	37383
OTHER HARD	69248	16346	0	9368	5261	15152	665	46792
TOTAL SOFT	83161	18275	14581	0	3349	23196	596	59997
TOTAL HARD	291055	63219	0	54882	38547	135517	3817	295982
GRAND TOTS	374216	81494	14581	54882	41896	158713	4413	355979

TABLE NO. 6

SOUTH SHORE SUBDIVISION

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975 -
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS (FBM)	SAWLOGS	UNDERSIZED			PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE
			SAWLOGS	BOLTWOOD	TOPWOOD			
W. SPRUCE	66087	15142	0	0	5017	4252	0	24411
SPRUCE (red & black)	413181	88379	83466	0	31095	63630	2983	269453
FIR	16576	3446	31828	0	1513	40593	1023	78403
HEMLOCK	207621	41086	3734	0	12756	7437	1126	66139
WHITE PINE	690201	132307	13757	0	26206	23029	35	195334
RED PINE	0	0	2152	0	0	0	0	2152
LARCH	36796	7495	5535	0	2194	18737	0	33961
OTHER SOFT	0	0	0	0	0	0	0	0
S. MAPLE	25408	4669	0	0	280	1651	0	6600
RED MAPLE	87982	19228	0	18999	15086	72518	3397	129228
Y. BIRCH	104793	22348	0	1618	6478	6012	1712	38168
W. BIRCH	13013	3592	0	20814	8718	2010	0	35134
ASPEN	25700	6831	0	6848	4021	5155	0	22855
OTHER HARD	68386	13384	0	12710	8169	17449	6725	58437
TOTAL SOFT	1430462	287855	140472	0	78781	157678	5067	669853
TOTAL HARD	325282	70052	0	60989	42752	104795	11834	290422
GRAND TOTS	1755744	357907	140472	60989	121533	262473	16901	960275

TABLE NO. 7

WESTERN SUBDIVISION

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975-76
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS (FBM)	SAWLOGS	UNDERSIZED			PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE
			SAWLOGS	BOLTWOOD	TOPWOOD			
W. SPRUCE	16595	3396	29457	0	2435	21512	0	56800
SPRUCE (red & black)	598562	127443	108381	0	35807	68459	6338	346428
FIR	17006	3461	20768	0	1715	58325	14778	99047
HEMLOCK	149644	31093	2155	0	3719	6054	0	43021
WHITE PINE	337983	69416	13696	0	14297	13103	0	110512
RED PINE	4991	990	0	0	90	0	0	1080
LARCH	3562	912	8610	0	277	18876	660	29335
OTHER SOFT	0	0	0	0	0	4302	0	4302
S. MAPLE	0	0	0	0	0	13657	0	13657
RED MAPLE	183206	43927	0	17889	25404	184123	10368	281711
Y. BIRCH	22695	4082	0	2913	1117	17808	0	25920
W. BIRCH	30160	6357	0	13105	7046	21935	0	48443
ASPEN	0	0	0	0	0	2482	3620	6102
OTHER HARD	74512	19828	0	8399	5465	17984	1441	53117
TOTAL SOFT	1128343	236711	183067	0	58340	190631	21776	690525
TOTAL HARD	310573	74194	0	42306	39032	257989	15429	428950
GRAND TOTS	1438916	310905	183067	42306	97372	448620	37205	1119475

TABLE NO. 8

VALLEY SUBDIVISION

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED	PULPWOOD		CULL	TOTAL GROSS MERCHANTABLE	
	(FBM)	SAWLOGS	SAWLOGS	BOLTWOOD	TOPWOOD			
W. SPRUCE	100934	24961	15550	0	9382	81408	7474	138775
SPRUCE (red & black)	265224	67642	61730	0	32266	70689	337	232664
FIR	25897	5329	37420	0	747	34577	12729	90802
HEMLOCK	266724	46147	0	0	2170	0	0	48317
WHITE PINE	557585	102274	5716	0	10186	31166	0	149342
RED PINE	0	0	0	0	0	2359	1228	3587
LARCH	0	0	1967	0	0	4449	0	6416
OTHER SOFT	0	0	0	0	0	0	0	0
S. MAPLE	0	0	0	1992	404	5900	253	8549
RED MAPLE	132449	27707	0	16545	20682	109022	2338	176294
Y. BIRCH	23637	5230	0	2252	4713	1951	2300	16446
W. BIRCH	10366	1665	0	0	998	30165	0	32828
ASPEN	51890	11295	0	13105	4297	4114	0	32811
OTHER HARD	46748	9993	0	6977	5634	4748	15386	42738
TOTAL SOFT	1216364	246353	122383	0	54751	224648	21768	669903
TOTAL HARD	265090	55890	0	40871	36728	155900	20277	309666
GRAND TOTS	1481454	302243	122383	40871	91479	380548	42045	979569

TABLE NO. 9

SOUTH SHORE SUBDIVISION SOFTWOOD COVER

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975 -
GROSS MERCHANTABLE VOLUME (THOUSANDS)
CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED	PULPWOOD			CULL	TOTAL GROSS
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD		MERCHANTABLE	
W. SPRUCE	55997	13366	0	0	4442	4252	0	22060
SPRUCE (red & black)	330510	70381	64372	0	24276	33988	2883	195900
FIR	0	0	24774	0	0	31411	1023	57208
HEMLOCK	125920	24437	3734	0	9716	4013	0	41900
WHITE PINE	481527	91998	11221	0	20389	19494	0	143102
RED PINE	0	0	2152	0	0	0	0	2152
LARCH	36796	7495	5535	0	2194	18737	0	33961
OTHER SOFT	0	0	0	0	0	0	0	0
S. MAPLE	0	0	0	0	0	0	0	0
RED MAPLE	14396	2892	0	4951	3293	34168	3109	48413
Y. BIRCH	48286	8658	0	0	1251	0	0	9909
W. BIRCH	0	0	0	0	0	0	0	0
ASPEN	0	0	0	0	0	996	0	996
OTHER HARD	0	0	0	462	1005	1776	4419	7662
TOTAL SOFT	1030750	207677	111788	0	61017	111895	3906	496283
TOTAL HARD	62682	11550	0	5413	5549	36940	7528	66980
GRAND TOTS	1093432	219227	111788	5413	66566	148835	11434	563263

TABLE NO. 10

SOUTH SHORE SUBDIVISION MIXEDWOOD COVER
 VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975 -
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED	PULPWOOD			CULL	TOTAL GROSS MERCHANTABLE
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			
W. SPRUCE	10090	1776	0	0	575	0	0	2351
SPRUCE (red & black)	70042	14414	19094	0	6031	16936	0	56475
FIR	8439	1576	4104	0	898	8180	0	14758
HEMLOCK	81701	16649	0	0	3040	3424	1126	24239
WHITE PINE	187913	35739	2536	0	5543	3535	35	47388
RED PINE	0	0	0	0	0	0	0	0
LARCH	0	0	0	0	0	0	0	0
OTHER SOFT	0	0	0	0	0	0	0	0
S. MAPLE	0	0	0	0	0	1651	0	1651
RED MAPLE	64122	14432	0	14048	11715	26971	288	67454
Y. BIRCH	56507	13690	0	1618	5227	6012	1712	28259
W. BIRCH	0	0	0	9056	4141	2010	0	15207
ASPEN	0	0	0	0	0	0	0	0
OTHER HARD	45098	9069	0	7583	5359	6382	2306	30699
TOTAL SOFT	358185	70154	25734	0	16087	32075	1161	145211
TOTAL HARD	165727	37191	0	32305	26442	43026	4306	143270
GRAND TOTS	523912	107345	25734	32305	42529	75101	5467	288481

TABLE NO. 11

SOUTH SHORE SUBDIVISION HARDWOOD COVER

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975 -

GROSS MERCHANTABLE VOLUME (THOUSANDS)

CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED			PULPWOOD	CULL	TOTAL GROSS
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			MERCHANTABLE
W. SPRUCE	0	0	0	0	0	0	0	0
SPRUCE (red & black)	12629	3584	0	0	788	12706	0	17078
FIR	8137	1870	2950	0	615	1002	0	6437
HEMLOCK	0	0	0	0	0	0	0	0
WHITE PINE	20761	4570	0	0	274	0	0	4844
RED PINE	0	0	0	0	0	0	0	0
LARCH	0	0	0	0	0	0	0	0
OTHER SOFT	0	0	0	0	0	0	0	0
S. MAPLE	25408	4669	0	0	280	0	0	4949
RED MAPLE	9464	1904	0	0	79	11379	0	13361
Y. BIRCH	0	0	0	0	0	0	0	0
W. BIRCH	13013	3592	0	11758	4577	0	0	19927
ASPEN	25700	6831	0	6848	4021	4159	0	21859
OTHER HARD	23288	4315	0	4665	1805	9291	0	20076
TOTAL SOFT	41527	10024	2950	0	1677	13708	0	28359
TOTAL HARD	96873	21311	0	23271	10761	24829	0	80172
GRAND TOTS	138400	31335	2950	23271	12438	38537	0	108531

TABLE NO. 12

WESTERN SUBDIVISION SOFTWOOD COVER

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975-76

GROSS MERCHANTABLE VOLUME (THOUSANDS)

CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED				PULPWOOD	CULL	TOTAL GROSS
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			MERCHANTABLE	
W. SPRUCE	7927	1636	20079	0	1041	10766	0	33522	
SPRUCE (red & black)	406939	86500	76932	0	25435	53900	6338	249105	
FIR	9134	1813	12164	0	706	31522	4620	50825	
HEMLOCK	118932	24567	2155	0	2267	6054	0	35043	
WHITE PINE	196123	39395	4576	0	7909	7144	0	59024	
RED PINE	0	0	0	0	0	0	0	0	
LARCH	3562	912	3104	0	277	16097	660	21050	
OTHER SOFT	0	0	0	0	0	4302	0	4302	
S. MAPLE	0	0	0	0	0	1709	0	1709	
RED MAPLE	13885	2981	0	0	846	45266	2446	51539	
Y. BIRCH	22695	4082	0	0	94	0	0	4176	
W. BIRCH	0	0	0	0	0	5401	0	5401	
ASPEN	0	0	0	0	0	799	0	799	
OTHER HARD	0	0	0	0	0	0	0	0	
TOTAL SOFT	742617	154823	119010	0	37635	129785	11618	452871	
TOTAL HARD	36580	7063	0	0	940	53175	2446	63624	
GRAND TOTS	779197	161886	119010	0	38575	182960	14064	516495	

TABLE NO. 13

WESTERN SUBDIVISION MIXEDWOOD COVER

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975-76

GROSS MERCHANTABLE VOLUME (THOUSANDS)

CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED				PULPWOOD	CULL	TOTAL GROSS
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			MERCHANTABLE	
W. SPRUCE	8668	1760	9378	0	1394	10746	0	23278	
SPRUCE (red & black)	191623	40943	26459	0	10372	13239	0	91013	
FIR	7872	1648	8604	0	1009	24652	9562	45475	
HEMLOCK	30712	6526	0	0	1452	0	0	7978	
WHITE PINE	127872	27476	4197	0	6232	5959	0	43864	
RED PINE	0	0	0	0	0	0	0	0	
LARCH	0	0	5506	0	0	2013	0	7519	
OTHER SOFT	0	0	0	0	0	0	0	0	
S. MAPLE	0	0	0	0	0	5598	0	5598	
RED MAPLE	141635	34718	0	13035	19567	105882	7323	180525	
Y. BIRCH	0	0	0	0	0	10524	0	10524	
W. BIRCH	4996	1165	0	10761	2726	8845	0	23497	
ASPEN	0	0	0	0	0	0	3620	3620	
OTHER HARD	43502	11131	0	3696	2763	15269	776	33635	
TOTAL SOFT	366747	78353	54144	0	20459	56609	9562	219127	
TOTAL HARD	190133	47014	0	27492	25056	146118	11719	257399	
GRAND TOTS	556880	125367	54144	27492	45515	202727	21281	476526	

TABLE NO. 14

WESTERN SUBDIVISION HARDWOOD COVER

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975-76
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED				PULPWOOD	CULL	TOTAL GROSS
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD	MERCHANTABLE			
W. SPRUCE	0	0	0	0	0	0	0	0	0
SPRUCE (red & black)	0	0	4990	0	0	1320	0	6310	
FIR	0	0	0	0	0	2151	596	2747	
HEMLOCK	0	0	0	0	0	0	0	0	
WHITE PINE	13988	2545	4923	0	156	0	0	7624	
RED PINE	4991	990	0	0	90	0	0	1080	
LARCH	0	0	0	0	0	766	0	766	
OTHER SOFT	0	0	0	0	0	0	0	0	
S. MAPLE	0	0	0	0	0	6350	0	6350	
RED MAPLE	27686	6228	0	4854	4991	32975	599	49647	
Y. BIRCH	0	0	0	2913	1023	7284	0	11220	
W. BIRCH	25164	5192	0	2344	4320	7689	0	19545	
ASPEN	0	0	0	0	0	1683	0	1683	
OTHER HARD	31010	8697	0	4703	2702	2715	665	19482	
TOTAL SOFT	18979	3535	9913	0	246	4237	596	18527	
TOTAL HARD	83860	20117	0	14814	13036	58696	1264	107927	
GRAND TOTS	102839	23652	9913	14814	13282	62933	1860	126454	

TABLE NO. 15

VALLEY SUBDIVISION SOFTWOOD COVER

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976

GROSS MERCHANTABLE VOLUME (THOUSANDS)

CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED				PULPWOOD	CULL	TOTAL GROSS
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			MERCHANTABLE	
1/2 SPRUCE	93322	23353	15550	0	9056	39970	0	87929	
SPRUCE (red & black)	104565	24722	39580	0	11041	36800	337	112480	
FIR	0	0	16501	0	0	26860	7020	50381	
HEMLOCK	216241	36831	0	0	1873	0	0	38704	
WHITE PINE	158285	26633	0	0	839	18493	0	45965	
RED PINE	0	0	0	0	0	2359	1228	3587	
LARCH	0	0	1967	0	0	4449	0	6416	
OTHER SOFT	0	0	0	0	0	0	0	0	
3- MAPLE	0	0	0	0	0	0	0	0	
RED MAPLE	47088	11200	0	8269	9380	18160	2338	49347	
1/2 BIRCH	7101	1999	0	0	538	0	0	2537	
1/2 BIRCH	0	0	0	0	0	0	0	0	
ASPEN	0	0	0	0	0	0	0	0	
OTHER HARD	0	0	0	3738	3105	1602	7433	15878	
TOTAL SOFT	572413	111539	73598	0	22809	128931	8585	345462	
TOTAL HARD	54189	13199	0	12007	13023	19762	9771	67762	
GRAND TOTS	626602	124738	73598	12007	35832	148693	18356	413224	

TABLE NO. 16

VALLEY SUBDIVISION MIXEDWOOD COVER

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED	PULPWOOD		CULL	TOTAL GROSS MERCHANTABLE	
	(FBM)	SAWLOGS	BOLTWOOD	TOPWOOD				
W. SPRUCE	0	0	0	0	0	41438	7474	48912
SPRUCE (red & black)	145616	39812	20432	0	20125	29100	0	109469
FIR	25897	5329	20919	0	747	7255	5709	39959
HEMLOCK	50483	9316	0	0	297	0	0	9613
WHITE PINE	399300	75641	5716	0	9347	12673	0	103377
RED PINE	0	0	0	0	0	0	0	0
LARCH	0	0	0	0	0	0	0	0
OTHER SOFT	0	0	0	0	0	0	0	0
S. MAPLE	0	0	0	0	0	0	0	0
RED MAPLE	22907	4151	0	0	2993	56611	0	63755
Y. BIRCH	0	0	0	2252	1883	0	0	4135
W. BIRCH	0	0	0	0	0	27535	0	27535
ASPEN	45874	10090	0	6576	2304	0	0	18970
OTHER HARD	31798	6659	0	3239	1775	0	7953	19626
TOTAL SOFT	621296	130098	47067	0	30516	90466	13183	311330
TOTAL HARD	100579	20900	0	12067	8955	84146	7953	134021
GRAND TOTS	721875	150998	47067	12067	39471	174612	21136	445351

TABLE NO. 17

VALLEY SUBDIVISION HARDWOOD COVER

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976

GROSS MERCHANTABLE VOLUME (THOUSANDS)

CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED	PULPWOOD			CULL	TOTAL GROSS MERCHANTABLE
	(FBM)	SAWLOGS	SAWLOGS	BOLTWOOD	TOPWOOD			
W. SPRUCE	7612	1608	0	0	326	0	0	1934
SPRUCE (red & black)	15043	3108	1718	0	1100	4789	0	10715
FIR	0	0	0	0	0	462	0	462
HEMLOCK	0	0	0	0	0	0	0	0
WHITE PINE	0	0	0	0	0	0	0	0
RED PINE	0	0	0	0	0	0	0	0
LARCH	0	0	0	0	0	0	0	0
OTHER SOFT	0	0	0	0	0	0	0	0
S. MAPLE	0	0	0	1992	404	5900	253	8549
RED MAPLE	62454	12356	0	8276	8309	34251	0	63192
P. BIRCH	16536	3231	0	0	2292	1951	2300	9774
W. BIRCH	10366	1665	0	0	998	2630	0	5293
ASPEN	6016	1205	0	6529	1993	4114	0	13841
OTHER HARD	14950	3334	0	0	754	3146	0	7234
TOTAL SOFT	22655	4716	1718	0	1426	5251	0	13111
TOTAL HARD	110322	21791	0	16797	14750	51992	2553	107883
GRAND TOTS	132977	26507	1718	16797	16176	57243	2553	120994

TABLE NO. 18

LUNENBURG COUNTY

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975 -
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED	PULPWOOD			CULL	TOTAL GROSS MERCHANTABLE
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			
W. SPRUCE	66087	15142	0	0	5017	4252	0	24411
SPRUCE (red & black)	231346	50584	59441	0	20847	26976	2883	160731
FIR	8137	1870	20894	0	615	30485	1023	54887
HEMLOCK	106495	20182	1748	0	7191	3928	1126	34175
WHITE PINE	73741	12709	0	0	4614	15618	0	32941
RED PINE	0	0	0	0	0	0	0	0
LARCH	36796	7495	5535	0	2194	18737	0	33961
OTHER SOFT	0	0	0	0	0	0	0	0
S. MAPLE	25408	4669	0	0	280	1651	0	6600
RED MAPLE	30379	7256	0	7426	5205	31825	2491	54203
Y. BIRCH	15275	3214	0	0	1068	3834	0	8116
W. BIRCH	13013	3592	0	16249	6581	0	0	26422
ASPEN	11266	2326	0	0	581	2576	0	5483
OTHER HARD	40101	7444	0	4665	2654	10629	6721	32113
TOTAL SOFT	522602	107982	87618	0	40478	99996	5032	341106
TOTAL HARD	135442	28501	0	28340	16369	50515	9212	132937
GRAND TOTS	658044	136483	87618	28340	56847	150511	14244	474043

TABLE NO. 19

QUEEN'S COUNTY

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975-
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED	PULPWOOD		CULL	TOTAL GROSS MERCHANTABLE
	(FBM)	SAWLOGS	BOLTWOOD	TOPWOOD			
W. SPRUCE	0	0	0	0	0	0	0
SPRUCE (red & black)	181835	37795	24025	0	10248	36654	108722
FIR	8439	1576	10934	0	898	10108	23516
HEMLOCK	101126	20904	1986	0	5565	3509	31964
WHITE PINE	616460	119598	13757	0	21592	7411	162393
RED PINE	0	0	2152	0	0	0	2152
LARCH	0	0	0	0	0	0	0
OTHER SOFT	0	0	0	0	0	0	0
S. MAPLE	0	0	0	0	0	0	0
RED MAPLE	57603	11972	0	11573	9881	40693	75025
Y. BIRCH	89518	19134	0	1618	5410	2178	30052
N. BIRCH	0	0	0	4565	2137	2010	8712
ASPEN	14434	4505	0	6848	3440	2579	17372
OTHER HARD	28285	5940	0	8045	5515	6820	26324
TOTAL SOFT	907860	179873	52854	0	38303	57682	328747
TOTAL HARD	189840	41551	0	32649	26383	54280	157485
GRAND TOTS	1097700	221424	52854	32649	64686	111962	486232

TABLE NO. 20

SHELBURNE COUNTY

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED			PULPWOOD	CULL	TOTAL GROSS
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			MERCHANTABLE
W. SPRUCE	0	0	0	0	0	16704	0	16704
SPRUCE (red & black)	66526	13568	19757	0	3633	35397	4824	77179
FIR	0	0	3680	0	0	15386	14778	33844
HEMLOCK	0	0	0	0	0	1568	0	1568
WHITE PINE	208136	42248	0	0	10465	11390	0	64103
RED PINE	4991	990	0	0	90	0	0	1080
LARCH	0	0	2142	0	0	8687	660	11489
OTHER SOFT	0	0	0	0	0	0	0	0
S. MAPLE	0	0	0	0	0	0	0	0
RED MAPLE	7254	2002	0	3556	2366	60899	5952	74775
Y. BIRCH	0	0	0	0	0	0	0	0
W. BIRCH	4996	1165	0	0	387	0	0	1552
ASPEN	0	0	0	0	0	1683	3620	5303
OTHER HARD	11678	3635	0	2355	703	2525	0	9218
TOTAL SOFT	279653	56806	25579	0	14188	89132	20262	205967
TOTAL HARD	23928	6802	0	5911	3456	65107	9572	90848
GRAND TOTS	303581	63608	25579	5911	17644	154239	29834	296815

TABLE NO. 21

YARMOUTH COUNTY

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975

GROSS MERCHANTABLE VOLUME (THOUSANDS)

CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED				PULPWOOD	CULL	TOTAL GROSS
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			MERCHANTABLE	
W. SPRUCE	16595	3396	1650	0	2435	2596	0	10077	
SPRUCE (red & black)	41477	8704	12515	0	2297	6957	0	30473	
FIR	17006	3461	8604	0	1715	31658	0	45438	
HEMLOCK	47105	9414	0	0	906	1106	0	11426	
WHITE PINE	31909	5465	4197	0	79	1713	0	11454	
RED PINE	0	0	0	0	0	0	0	0	
LARCH	3562	912	3104	0	277	7660	0	11953	
OTHER SOFT	0	0	0	0	0	0	0	0	
S. MAPLE	0	0	0	0	0	1821	0	1821	
RED MAPLE	68758	14599	0	8582	9684	42805	2365	78035	
Y. BIRCH	22695	4082	0	0	94	0	0	4176	
W. BIRCH	5119	948	0	586	1036	4024	0	6594	
ASPEN	0	0	0	0	0	0	0	0	
OTHER HARD	19982	4879	0	2552	2518	0	776	10725	
TOTAL SOFT	157654	31352	30070	0	7709	51690	0	120821	
TOTAL HARD	116554	24508	0	11720	13332	48650	3141	101351	
GRAND TOTS	274208	55860	30070	11720	21041	100340	3141	222172	

TABLE NO. 22

DIGBY COUNTY

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED			PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			
W. SPRUCE	0	0	27807	0	0	2212	0	30019
SPRUCE (red & black)	490559	105171	76109	0	29877	26105	1514	238776
FIR	0	0	8484	0	0	11281	0	19765
HEMLOCK	102539	21679	2155	0	2813	3380	0	30027
WHITE PINE	97938	21703	9499	0	3753	0	0	34955
RED PINE	0	0	0	0	0	0	0	0
LARCH	0	0	3364	0	0	2529	0	5893
OTHER SOFT	0	0	0	0	0	4302	0	4302
S. MAPLE	0	0	0	0	0	11836	0	11836
RED MAPLE	107194	27326	0	5751	13354	80419	2051	128901
Y. BIRCH	0	0	0	2913	1023	17808	0	21744
W. BIRCH	20045	4244	0	12519	5623	17911	0	40297
ASPEN	0	0	0	0	0	799	0	799
OTHER HARD	42852	11314	0	3492	2244	15459	665	33174
TOTAL SOFT	691036	148553	127418	0	36443	49809	1514	363737
TOTAL HARD	170091	42884	0	24675	22244	144232	2716	236751
GRAND TOTS	861127	191437	127418	24675	58687	194041	4230	600488

TABLE NO. 23

ANNAPOLIS COUNTY

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976 -
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED	PULPWOOD			CULL	TOTAL GROSS
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			MERCHANTABLE
W. SPRUCE	65025	15305	11165	0	2843	22781	0	52094
SPRUCE (red & black)	160633	38321	45924	0	18372	21302	0	123919
FIR	25897	5329	24792	0	747	23944	10077	64889
HEMLOCK	266724	46147	0	0	2170	0	0	48317
WHITE PINE	557585	102274	5716	0	10186	31166	0	149342
RED PINE	0	0	0	0	0	2359	1228	3587
LARCH	0	0	0	0	0	535	0	535
OTHER SOFT	0	0	0	0	0	0	0	0
S. MAPLE	0	0	0	1992	404	4328	253	6977
RED MAPLE	81593	18148	0	12472	17904	74011	0	122535
Y. BIRCH	0	0	0	2252	1883	0	0	4135
W. BIRCH	0	0	0	0	0	22376	0	22376
ASPEN	45874	10090	0	8143	2723	0	0	20956
OTHER HARD	14950	3334	0	6977	5287	4748	4592	24938
TOTAL SOFT	1075864	207376	87597	0	34318	102087	11305	442683
TOTAL HARD	142417	31572	0	31836	28201	105463	4845	201917
GRAND TOTS	1218281	238948	87597	31836	62519	207550	16150	644600

TABLE NO. 24

KINGS COUNTY

VOLUME BY PRODUCTS FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976
 GROSS MERCHANTABLE VOLUME (THOUSANDS)
 CUBIC FEET

SPECIES	SAWLOGS	SAWLOGS	UNDERSIZED			PULPWOOD	CULL	TOTAL GROSS
	(FBM)		SAWLOGS	BOLTWOOD	TOPWOOD			MERCHANTABLE
N. SPRUCE	35909	9656	4385	0	6539	58627	7474	86681
SPRUCE (red & black)	104591	29321	15806	0	13894	49387	337	108745
FIR	0	0	12628	0	0	10633	2652	25913
HEMLOCK	0	0	0	0	0	0	0	0
WHITE PINE	0	0	0	0	0	0	0	0
RED PINE	0	0	0	0	0	0	0	0
LARCH	0	0	1967	0	0	3914	0	5881
OTHER SOFT	0	0	0	0	0	0	0	0
S. MAPLE	0	0	0	0	0	1572	0	1572
RED MAPLE	50856	9559	0	4073	2778	35011	2338	53759
Y. BIRCH	23637	5230	0	0	2830	1951	2300	12311
W. BIRCH	10366	1665	0	0	998	7789	0	10452
ASPEN	6016	1205	0	4962	1574	4114	0	11855
OTHER HARD	31798	6659	0	0	347	0	10794	17800
TOTAL SOFT	140500	38977	34786	0	20433	122561	10463	227220
TOTAL HARD	122673	24318	0	9035	8527	50437	15432	107749
GRAND TOTS	263173	63295	34786	9035	28960	172998	25895	334969

TABLE NO. 25

SOUTH WESTERN NOVA SCOTIA

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1975 - 76

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	1.43	1.47	0.00	.55	3.50	.24	7.19
SPRUCE (red & black)	9.27	8.29	0.00	3.24	6.63	.31	27.74
FIR	.41	2.94	0.00	.13	4.36	.93	8.77
HEMLOCK	3.87	.19	0.00	.61	.44	.04	5.15
WHITE PINE	9.94	1.08	0.00	1.66	2.20	.00	14.88
RED PINE	.03	.07	0.00	.00	.08	.04	.22
LARCH	.28	.53	0.00	.08	1.37	.02	2.28
OTHER SOFT	0.00	0.00	0.00	0.00	.14	0.00	.14
S. MAPLE	.15	0.00	.07	.02	.69	.01	.94
RED MAPLE	2.96	0.00	1.75	2.00	11.95	.53	19.19
Y. BIRCH	1.04	0.00	.22	.40	.84	.13	2.63
W. BIRCH	.38	0.00	1.11	.55	1.77	0.00	3.81
ASPEN	.59	0.00	.66	.27	.38	.12	2.02
OTHER HARD	1.41	0.00	.92	.63	1.31	.77	5.04
TOTAL SOFT	25.23	14.57	0.00	6.27	18.72	1.58	66.37
TOTAL HARD	6.53	0.00	4.73	3.87	16.94	1.56	33.63
GRAND TOTAL	31.76	14.57	4.73	10.14	35.66	3.14	100

TABLE 26

SOUTH WESTERN NOVA SCOTIA BY OWNERSHIP

PER CENT OF GROSS MERCHANTABLE VOLUME BY PRODUCTS

FROM 3P DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975 - 76

	SAWLOGS	UNDERSIZED SAWLOGS	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE
CROWN							
SOFTWOOD	3.23	1.38		1.01	3.15	0.05	8.82
HARDWOOD	1.39		0.93	0.79	4.42	0.20	7.76
TOTAL	4.62	1.38	0.93	1.80	7.57	0.26	16.59
LARGE PRIVATE							
SOFTWOOD	11.57	5.72		1.99	4.83	0.24	24.37
HARDWOOD	2.37		1.39	1.56	5.56	0.59	11.49
TOTAL	13.95	5.72	1.39	3.55	10.40	0.83	35.86
SMALL PRIVATE							
SOFTWOOD	9.64	7.27		2.98	10.13	1.13	31.18
HARDWOOD	3.25		2.49	1.89	7.90	0.80	16.34
TOTAL	12.89	7.27	2.49	4.88	18.03	1.94	47.53
TOTAL							
SOFTWOOD	24.45	14.38		5.98	18.12	1.44	64.38
HARDWOOD	7.02		4.82	4.25	17.89	1.60	35.61
TOTAL	31.48	14.38	4.82	10.24	36.02	3.04	100.00

TABLE NO. 27

SOUTH WESTERN NOVA SCOTIA SOFTWOOD COVER

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1975 - 76

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	2.57	2.39	0.00	.97	3.68	0.00	9.61
SPRUCE (red & black)	12.16	12.12	0.00	4.07	8.35	.64	37.34
FIR	.12	3.58	0.00	.05	6.01	.85	10.61
HEMLOCK	5.75	.39	0.00	.93	.67	0.00	7.75
WHITE PINE	10.58	1.06	0.00	1.95	3.02	0.00	16.62
RED PINE	0.00	.14	0.00	0.00	.16	.08	.38
LARCH	.56	.71	0.00	.17	2.63	.04	4.11
OTHER SOFT	0.00	0.00	0.00	0.00	.29	0.00	.29
S. MAPLE	0.00	0.00	0.00	0.00	.11	0.00	.11
RED MAPLE	1.14	0.00	.89	.91	6.54	.53	10.00
Y. BIRCH	.99	0.00	0.00	.13	0.00	0.00	1.11
W. BIRCH	0.00	0.00	0.00	0.00	.36	0.00	.36
ASPEN	0.00	0.00	0.00	0.00	.12	0.00	.12
OTHER HARD	0.00	0.00	.28	.28	.23	.79	1.58
TOTAL SOFT	31.74	20.39	0.00	8.14	24.81	1.61	86.69
TOTAL HARD	2.13	0.00	1.17	1.32	7.36	1.32	13.30
GRAND TOTAL	33.87	20.39	1.17	9.46	32.17	2.93	100.00

TABLE NO. 28

SOUTH WESTERN NOVA SCOTIA MIXEDWOOD COVER

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1975 - 76

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	.29	.77	0.00	.16	4.31	.62	6.16
SPRUCE (red & black)	7.86	5.45	0.00	3.02	4.90	0.00	21.23
FIR	.71	2.78	0.00	.22	3.31	1.26	8.28
HEMLOCK	2.68	0.00	0.00	.40	.28	.09	3.46
WHITE PINE	11.47	1.03	0.00	1.75	1.83	.00	16.08
RED PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LARCH	0.00	.45	0.00	0.00	.17	0.00	.62
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	0.00	0.00	.60	0.00	.60
RED MAPLE	4.40	0.00	2.24	2.83	15.65	.63	25.76
Y. BIRCH	1.13	0.00	.32	.59	1.37	.14	3.55
W. BIRCH	.10	0.00	1.64	.57	3.17	0.00	5.47
ASPEN	.83	0.00	.54	.19	0.00	.30	1.87
OTHER HARD	2.22	0.00	1.20	.82	1.79	.91	6.94
TOTAL SOFT	23.01	10.48	0.00	5.55	14.80	1.97	55.81
TOTAL HARD	8.68	0.00	5.94	5.00	22.58	1.98	44.18
GRAND TOTAL	31.69	10.48	5.94	10.55	37.38	3.95	100.00

TABLE NO. 29

SOUTH WESTERN NOVA SCOTIA HARDWOOD COVER

 PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
 OF PERMANENT SAMPLE PLOTS 1975 - 76

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	.45	0.00	0.00	.09	0.00	0.00	.54
SPRUCE (red & black)	1.88	1.88	0.00	.53	5.29	0.00	9.58
FIR	.52	.83	0.00	.17	1.02	.17	2.71
HEMLOCK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WHITE PINE	2.00	1.38	0.00	.12	0.00	0.00	3.50
RED PINE	.27	0.00	0.00	.03	0.00	0.00	.30
LARCH	0.00	0.00	0.00	0.00	.22	0.00	.22
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	1.31	0.00	.56	.19	3.44	.07	5.58
RED MAPLE	5.75	0.00	3.69	3.76	22.08	.17	35.45
Y. BIRCH	.91	0.00	.82	.93	2.59	.65	5.90
W. BIRCH	2.94	0.00	3.96	2.78	2.90	0.00	12.58
ASPEN	2.25	0.00	3.76	1.69	2.80	0.00	10.50
OTHER HARD	4.59	0.00	2.63	1.48	4.26	.19	13.14
TOTAL SOFT	5.12	4.09	0.00	0.94	6.53	0.17	16.85
TOTAL HARD	17.75	0.00	15.42	10.83	38.07	1.08	83.15
GRAND TOTAL	22.87	4.09	15.42	11.77	44.60	1.25	100.00

TABLE NO. 30

SOUTH SHORE SUBDIVISION

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1975

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	1.58	0.00	0.00	.52	.44	0.00	2.54
SPRUCE (red & black)	9.20	8.69	0.00	3.24	6.63	.30	28.06
FIR	.36	3.31	0.00	.16	4.23	.11	8.16
HEMLOCK	4.28	.39	0.00	1.33	.77	.12	6.89
WHITE PINE	13.78	1.43	0.00	2.73	2.40	.00	20.34
RED PINE	0.00	.22	0.00	0.00	0.00	0.00	.22
LARCH	.78	.58	0.00	.23	1.95	0.00	3.54
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	.49	0.00	0.00	.03	.17	0.00	.69
RED MAPLE	2.00	0.00	1.98	1.57	7.55	.35	13.46
Y. BIRCH	2.33	0.00	.17	.67	.63	.18	3.97
W. BIRCH	.37	0.00	2.17	.91	.21	0.00	3.66
ASPEN	.71	0.00	.71	.42	.54	0.00	2.38
OTHER HARD	1.39	0.00	1.32	.85	1.82	.70	6.09
TOTAL SOFT	29.98	14.62	0.00	8.21	16.42	0.53	69.76
TOTAL HARD	7.29	0.00	6.35	4.45	10.92	1.23	30.24
GRAND TOTAL	37.27	14.62	6.35	12.66	27.34	1.76	100.00

TABLE NO. 31

WESTERN SUBDIVISION

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1975 - 76

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	.30	2.63	0.00	.22	1.92	0.00	5.07
SPRUCE (red & black)	11.38	9.68	0.00	3.20	6.12	.57	30.95
FIR	.31	1.86	0.00	.15	5.21	1.32	8.85
HEMLOCK	2.78	.19	0.00	.33	.54	0.00	3.84
WHITE PINE	6.20	1.22	0.00	1.28	1.17	0.00	9.87
RED PINE	.09	0.00	0.00	.01	0.00	0.00	.10
LARCH	.08	.77	0.00	.02	1.69	.06	2.62
OTHER SOFT	0.00	0.00	0.00	0.00	.38	0.00	.38
S. MAPLE	0.00	0.00	0.00	0.00	1.22	0.00	1.22
RED MAPLE	3.92	0.00	1.60	2.27	16.45	.93	25.16
Y. BIRCH	.36	0.00	.26	.10	1.59	0.00	2.32
W. BIRCH	.57	0.00	1.17	.63	1.96	0.00	4.33
ASPEN	0.00	0.00	0.00	0.00	.22	.32	.55
OTHER HARD	1.77	0.00	.75	.49	1.61	.13	4.74
TOTAL SOFT	21.14	16.35	0.00	5.21	17.03	1.95	61.68
TOTAL HARD	6.62	0.00	3.78	3.49	23.05	1.38	38.32
GRAND TOTAL	27.76	16.35	3.78	8.70	40.08	3.33	100.00

TABLE NO. 32

VALLEY SUBDIVISION

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1976

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	2.55	1.59	0.00	.96	8.31	.76	14.17
SPRUCE (red & black)	6.91	6.30	0.00	3.29	7.22	.03	23.75
FIR	.54	3.82	0.00	.08	3.53	1.30	9.27
HEMLOCK	4.71	0.00	0.00	.22	0.00	0.00	4.93
WHITE PINE	10.44	.58	0.00	1.04	3.18	0.00	15.25
RED PINE	0.00	0.00	0.00	0.00	.24	.13	.37
LARCH	0.00	.20	0.00	0.00	.45	0.00	.65
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	.20	.04	.60	.03	.87
RED MAPLE	2.83	0.00	1.69	2.11	11.13	.24	18.00
Y. BIRCH	.53	0.00	.23	.48	.20	.23	1.68
W. BIRCH	.17	0.00	0.00	.10	3.08	0.00	3.35
ASPEN	1.15	0.00	1.34	.44	.42	0.00	3.35
OTHER HARD	1.02	0.00	.71	.58	.48	1.57	4.36
TOTAL SOFT	25.15	12.49	0.00	5.59	22.93	2.22	68.39
TOTAL HARD	5.70	0.00	4.17	3.75	15.91	2.07	31.61
GRAND TOTAL	30.85	12.49	4.17	9.34	38.84	4.29	100.00

TABLE NO. 33

SOUTH SHORE SUBDIVISION SOFTWOOD COVER

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1975

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	2.37	0.00	0.00	.79	.75	0.00	3.92
SPRUCE (red & black)	12.50	11.43	0.00	4.31	6.03	.51	34.78
FIR	0.00	4.40	0.00	0.00	5.58	.18	10.16
HEMLOCK	4.34	.66	0.00	1.72	.71	0.00	7.44
WHITE PINE	16.33	1.99	0.00	3.62	3.46	0.00	25.41
RED PINE	0.00	.38	0.00	0.00	0.00	0.00	.38
LARCH	1.33	.98	0.00	.39	3.33	0.00	6.03
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RED MAPLE	.51	0.00	.88	.58	6.07	.55	8.60
Y. BIRCH	1.54	0.00	0.00	.22	0.00	0.00	1.76
W. BIRCH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASPEN	0.00	0.00	0.00	0.00	.18	0.00	.18
OTHER HARD	0.00	0.00	.08	.18	.32	.78	1.36
TOTAL SOFT	36.87	19.84	0.00	10.83	19.86	0.69	88.10
TOTAL HARD	2.05	0.00	0.96	0.98	6.57	1.33	11.90
GRAND TOTAL	38.92	19.84	0.96	11.81	26.43	2.02	100.00

TABLE NO. 34

SOUTH SHORE SUBDIVISION MIXEDWOOD COVER

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1975

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	.62	0.00	0.00	.20	0.00	0.00	.81
SPRUCE (red & black)	5.00	6.62	0.00	2.09	5.87	0.00	19.58
FIR	.55	1.42	0.00	.31	2.84	0.00	5.12
HEMLOCK	5.77	0.00	0.00	1.05	1.19	.39	8.40
WHITE PINE	12.39	.88	0.00	1.92	1.23	.01	16.43
RED PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LARCH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	0.00	0.00	.57	0.00	.57
RED MAPLE	5.00	0.00	4.87	4.06	9.35	.10	23.38
Y. BIRCH	4.75	0.00	.56	1.81	2.08	.59	9.80
W. BIRCH	0.00	0.00	3.14	1.44	.70	0.00	5.27
ASPEN	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER HARD	3.14	0.00	2.63	1.86	2.21	.80	10.64
TOTAL SOFT	24.32	8.92	0.00	5.57	11.13	0.40	50.34
TOTAL HARD	12.89	0.00	11.20	9.17	14.91	1.49	49.66
GRAND TOTAL	37.22	8.92	11.20	14.74	26.04	1.89	100.00

TABLE NO. 35

SOUTH SHORE SUBDIVISION HARDWOOD COVER

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1975

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPRUCE (red & black)	3.30	0.00	0.00	.73	11.71	0.00	15.74
FIR	1.72	2.72	0.00	.57	.92	0.00	5.93
HEMLOCK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WHITE PINE	4.21	0.00	0.00	.25	0.00	0.00	4.46
RED PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LARCH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	4.30	0.00	0.00	.26	0.00	0.00	4.56
RED MAPLE	1.75	0.00	0.00	.07	10.48	0.00	12.31
Y. BIRCH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
W. BIRCH	3.31	0.00	10.83	4.22	0.00	0.00	18.36
ASPEN	6.29	0.00	6.31	3.70	3.83	0.00	20.14
OTHER HARD	3.98	0.00	4.30	1.66	8.56	0.00	18.50
TOTAL SOFT	9.23	2.72	0.00	1.55	12.63	0.00	26.14
TOTAL HARD	19.63	0.00	21.44	9.91	22.87	0.00	73.86
GRAND TOTAL	28.86	2.72	21.44	11.46	35.50	0.00	100.00

TABLE NO. 36

WESTERN SUBDIVISION SOFTWOOD COVER

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1975 - 76

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	.32	3.89	0.00	.20	2.08	0.00	6.49
SPRUCE (red & black)	16.75	14.90	0.00	4.92	10.44	1.23	48.23
FIR	.35	2.36	0.00	.14	6.10	.89	9.84
HEMLOCK	4.75	.42	0.00	.44	1.17	0.00	6.78
WHITE PINE	7.63	.89	0.00	1.53	1.38	0.00	11.43
RED PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LARCH	.18	.60	0.00	.05	3.12	.13	4.08
OTHER SOFT	0.00	0.00	0.00	0.00	.83	0.00	.83
S. MAPLE	0.00	0.00	0.00	0.00	.33	0.00	.33
RED MAPLE	.58	0.00	0.00	.16	8.76	.47	9.98
Y. BIRCH	.79	0.00	0.00	.02	0.00	0.00	.81
W. BIRCH	0.00	0.00	0.00	0.00	1.05	0.00	1.05
ASPEN	0.00	0.00	0.00	0.00	.15	0.00	.15
OTHER HARD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL SOFT	29.98	23.06	0.00	7.28	25.12	2.25	87.69
TOTAL HARD	1.37	0.00	0.00	0.18	10.29	0.47	12.31
GRAND TOTAL	31.35	23.06	0.00	7.46	35.41	2.72	100.00

TABLE NO. 37

WESTERN SUBDIVISION MIXEDWOOD COVER

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1975 - 76

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	.36	1.97	0.00	.29	2.26	0.00	4.88
SPRUCE (red & black)	8.59	5.55	0.00	2.18	2.78	0.00	19.10
FIR	.34	1.81	0.00	.21	5.17	2.01	9.54
HEMLOCK	1.37	0.00	0.00	.30	0.00	0.00	1.67
WHITE PINE	5.76	.88	0.00	1.31	1.25	0.00	9.20
RED PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LARCH	0.00	1.16	0.00	0.00	.42	0.00	1.58
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	0.00	0.00	1.17	0.00	1.17
RED MAPLE	7.29	0.00	2.74	4.11	22.22	1.54	37.88
Y. BIRCH	0.00	0.00	0.00	0.00	2.21	0.00	2.21
W. BIRCH	.24	0.00	2.26	.57	1.86	0.00	4.93
ASPEN	0.00	0.00	0.00	0.00	0.00	.76	.76
OTHER HARD	2.34	0.00	.78	.58	3.20	.16	7.06
TOTAL SOFT	16.42	11.37	0.00	4.29	11.88	2.01	45.97
TOTAL HARD	9.87	0.00	5.78	5.26	30.66	2.46	54.03
GRAND TOTAL	26.29	11.37	5.78	9.55	42.54	4.47	100.00

TABLE NO. 38

WESTERN SUBDIVISION HARDWOOD COVER

 PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
 OF PERMANENT SAMPLE PLOTS 1975 - 76

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPRUCE (red & black)	0.00	3.95	0.00	0.00	1.04	0.00	4.99
FIR	0.00	0.00	0.00	0.00	1.70	.47	2.17
HEMLOCK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WHITE PINE	2.01	3.89	0.00	.12	0.00	0.00	6.03
RED PINE	.78	0.00	0.00	.07	0.00	0.00	.85
LARCH	0.00	0.00	0.00	0.00	.61	0.00	.61
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	0.00	0.00	5.02	0.00	5.02
RED MAPLE	4.92	0.00	3.84	3.95	26.08	.47	39.26
Y. BIRCH	0.00	0.00	2.30	.81	5.76	0.00	8.87
W. BIRCH	4.11	0.00	1.85	3.42	6.08	0.00	15.46
ASPEN	0.00	0.00	0.00	0.00	1.33	0.00	1.33
OTHER HARD	6.88	0.00	3.72	2.14	2.15	.53	15.41
TOTAL SOFT	2.78	7.84	0.00	0.19	3.35	0.47	14.63
TOTAL HARD	15.92	0.00	11.71	10.32	46.42	1.00	85.37
GRAND TOTAL	18.70	7.84	11.71	10.51	49.77	1.47	100.00

TABLE NO. 39

VALLEY SUBDIVISION SOFTWOOD COVER

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1976

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	5.65	3.76	0.00	2.19	9.67	0.00	21.28
SPRUCE (red & black)	5.98	9.58	0.00	2.67	8.91	.08	27.22
FIR	0.00	3.99	0.00	0.00	6.50	1.70	12.19
HEMLOCK	8.91	0.00	0.00	.45	0.00	0.00	9.37
WHITE PINE	6.45	0.00	0.00	.20	4.48	0.00	11.12
RED PINE	0.00	0.00	0.00	0.00	.57	.30	.87
LARCH	0.00	.48	0.00	0.00	1.08	0.00	1.55
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RED MAPLE	2.71	0.00	2.00	2.27	4.39	.57	11.94
Y. BIRCH	.48	0.00	0.00	.13	0.00	0.00	.61
W. BIRCH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASPEN	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER HARD	0.00	0.00	.90	.75	.39	1.80	3.84
TOTAL SOFT	26.99	17.81	0.00	5.51	31.21	2.08	83.61
TOTAL HARD	3.19	0.00	2.90	3.15	4.78	2.37	16.39
GRAND TOTAL	30.18	17.81	2.90	8.66	35.99	4.45	100.00

TABLE NO. 40

VALLEY SUBDIVISION MIXEDWOOD COVER

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1976

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	0.00	0.00	0.00	0.00	9.30	1.68	10.98
SPRUCE (red & black)	8.94	4.59	0.00	4.52	6.53	0.00	24.58
FIR	1.20	4.70	0.00	.16	1.63	1.28	8.96
HEMLOCK	2.09	0.00	0.00	.07	0.00	0.00	2.15
WHITE PINE	16.98	1.28	0.00	2.10	2.85	0.00	23.21
RED PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LARCH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RED MAPLE	.93	0.00	0.00	.67	12.71	0.00	14.32
Y. BIRCH	0.00	0.00	.51	.42	0.00	0.00	.93
W. BIRCH	0.00	0.00	0.00	0.00	6.18	0.00	6.18
ASPEN	2.26	0.00	1.48	.52	0.00	0.00	4.26
OTHER HARD	1.50	0.00	.73	.40	0.00	1.79	4.42
TOTAL SOFT	29.21	10.57	0.00	6.85	20.31	2.96	69.89
TOTAL HARD	4.64	0.00	2.72	2.01	18.89	1.79	30.11
GRAND TOTAL	33.90	10.57	2.72	8.86	39.20	4.75	100.00

TABLE NO. 41

VALLEY SUBDIVISION HARDWOOD COVER

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1976

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	1.33	0.00	0.00	.27	0.00	0.00	1.60
SPRUCE (red & black)	2.57	1.42	0.00	.91	3.96	0.00	8.86
FIR	0.00	0.00	0.00	0.00	.38	0.00	.38
HEMLOCK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WHITE PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RED PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LARCH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	1.65	.33	4.88	.21	7.07
RED MAPLE	10.21	0.00	6.84	6.87	28.31	0.00	52.23
Y. BIRCH	2.67	0.00	0.00	1.89	1.61	1.90	8.07
W. BIRCH	1.37	0.00	0.00	.82	2.17	0.00	4.36
ASPEN	1.00	0.00	5.40	1.65	3.40	0.00	11.44
OTHER HARD	2.75	0.00	0.00	.62	2.60	0.00	5.98
TOTAL SOFT	3.90	1.42	0.00	1.18	4.34	0.00	10.84
TOTAL HARD	18.00	0.00	13.89	12.18	42.97	2.12	89.16
GRAND TOTAL	21.91	1.42	13.89	13.36	47.31	2.12	100.00

TABLE NO. 42

LUNENBURG COUNTY

 PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
 OF PERMANENT SAMPLE PLOTS 1975

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	3.19	0.00	0.00	1.06	.90	0.00	5.15
SPRUCE (red & black)	10.67	12.54	0.00	4.40	5.69	.61	33.91
FIR	.39	4.41	0.00	.13	6.43	.22	11.58
HEMLOCK	4.26	.37	0.00	1.52	.83	.24	7.21
WHITE PINE	2.68	0.00	0.00	.97	3.29	0.00	6.95
RED PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LARCH	1.58	1.17	0.00	.46	3.95	0.00	7.16
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	.98	0.00	0.00	.06	.35	0.00	1.39
RED MAPLE	1.53	0.00	1.57	1.10	6.71	.53	11.43
Y. BIRCH	.68	0.00	0.00	.23	.81	0.00	1.71
W. BIRCH	.76	0.00	3.43	1.39	0.00	0.00	5.57
ASPEN	.49	0.00	0.00	.12	.54	0.00	1.16
OTHER HARD	1.57	0.00	.98	.56	2.24	1.42	6.77
TOTAL SOFT	22.77	18.48	0.00	8.54	21.09	1.07	71.95
TOTAL HARD	6.01	0.00	5.98	3.46	10.65	1.95	28.05
GRAND TOTAL	28.78	18.48	5.98	12.00	31.74	3.02	100.00

TABLE NO. 43

QUEEN'S COUNTY

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1975

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPRUCE (red & black)	7.77	4.94	0.00	2.11	7.54	0.00	22.36
FIR	.32	2.25	0.00	.18	2.08	0.00	4.84
HEMLOCK	4.30	.41	0.00	1.14	.72	0.00	6.57
WHITE PINE	24.60	2.83	0.00	4.44	1.52	.01	33.40
RED PINE	0.00	.44	0.00	0.00	0.00	0.00	.44
LARCH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RED MAPLE	2.46	0.00	2.38	2.03	8.37	.19	15.43
Y. BIRCH	3.94	0.00	.33	1.11	.45	.35	6.18
W. BIRCH	0.00	0.00	.94	.44	.41	0.00	1.79
ASPEN	.93	0.00	1.41	.71	.53	0.00	3.57
OTHER HARD	1.22	0.00	1.65	1.13	1.40	.00	5.41
TOTAL SOFT	36.99	10.87	0.00	7.87	11.86	0.01	67.61
TOTAL HARD	8.55	0.00	6.71	5.42	11.16	0.54	32.39
GRAND TOTAL	45.54	10.87	6.71	13.29	23.02	0.55	100.00

TABLE NO. 44

SHELBURNE COUNTY

 PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
 OF PERMANENT SAMPLE PLOTS 1976

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	0.00	0.00	0.00	0.00	5.63	0.00	5.63
SPRUCE (red & black)	4.56	6.66	0.00	1.22	11.93	1.63	26.00
FIR	0.00	1.24	0.00	0.00	5.18	4.98	11.40
HEMLOCK	0.00	0.00	0.00	0.00	.53	0.00	.53
WHITE PINE	14.23	0.00	0.00	3.53	3.84	0.00	21.60
RED PINE	.33	0.00	0.00	.03	0.00	0.00	.36
LARCH	0.00	.72	0.00	0.00	2.93	.22	3.87
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RED MAPLE	.67	0.00	1.20	.80	20.52	2.01	25.19
Y. BIRCH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
W. BIRCH	.39	0.00	0.00	.13	0.00	0.00	.52
ASPEN	0.00	0.00	0.00	0.00	.57	1.22	1.79
OTHER HARD	1.22	0.00	.79	.24	.85	0.00	3.11
TOTAL SOFT	19.12	8.62	0.00	4.78	30.04	6.83	69.39
TOTAL HARD	2.28	0.00	1.99	1.17	21.94	3.23	30.61
GRAND TOTAL	21.40	8.62	1.99	5.95	51.98	10.06	100.00

TABLE NO. 45

YARMOUTH COUNTY

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1975

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	1.53	.74	0.00	1.10	1.17	0.00	4.54
SPRUCE (red & black)	3.92	5.63	0.00	1.03	3.13	0.00	13.72
FIR	1.56	3.87	0.00	.77	14.25	0.00	20.45
HEMLOCK	4.23	0.00	0.00	.41	.50	0.00	5.14
WHITE PINE	2.46	1.89	0.00	.04	.77	0.00	5.16
RED PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LARCH	.41	1.40	0.00	.12	3.45	0.00	5.38
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	0.00	0.00	.82	0.00	.82
RED MAPLE	6.57	0.00	3.86	4.36	19.27	1.06	35.12
Y. BIRCH	1.84	0.00	0.00	.04	0.00	0.00	1.88
W. BIRCH	.43	0.00	.26	.47	1.81	0.00	2.97
ASPEN	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER HARD	2.20	0.00	1.15	1.13	0.00	.35	4.83
TOTAL SOFT	14.11	13.53	0.00	3.47	23.27	0.00	54.38
TOTAL HARD	11.04	0.00	5.27	6.00	21.90	1.41	45.62
GRAND TOTAL	25.15	13.53	5.27	9.47	45.17	1.41	100.00

TABLE NO. 46

DIGBY COUNTY

PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
OF PERMANENT SAMPLE PLOTS 1976

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	0.00	4.63	0.00	0.00	.37	0.00	5.00
SPRUCE (red & black)	17.51	12.67	0.00	4.98	4.35	.25	39.76
FIR	0.00	1.41	0.00	0.00	1.88	0.00	3.29
HEMLOCK	3.61	.36	0.00	.47	.56	0.00	5.00
WHITE PINE	3.61	1.58	0.00	.62	0.00	0.00	5.82
RED PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LARCH	0.00	.56	0.00	0.00	.42	0.00	.98
OTHER SOFT	0.00	0.00	0.00	0.00	.72	0.00	.72
S. MAPLE	0.00	0.00	0.00	0.00	1.97	0.00	1.97
RED MAPLE	4.55	0.00	.96	2.22	13.39	.34	21.47
Y. BIRCH	0.00	0.00	.49	.17	2.97	0.00	3.62
W. BIRCH	.71	0.00	2.08	.94	2.98	0.00	6.71
ASPEN	0.00	0.00	0.00	0.00	.13	0.00	.13
OTHER HARD	1.88	0.00	.58	.37	2.57	.11	5.52
TOTAL SOFT	24.73	21.21	0.00	6.07	8.30	0.25	60.58
TOTAL HARD	7.14	0.00	4.11	3.70	24.01	0.45	39.42
GRAND TOTAL	31.87	21.21	4.11	9.77	32.31	0.70	100.00

TABLE NO. 47

ANNAPOLIS COUNTY

 PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
 OF PERMANENT SAMPLE PLOTS 1976

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	2.37	1.73	0.00	.44	3.53	0.00	8.08
SPRUCE (red & black)	5.94	7.12	0.00	2.85	3.30	0.00	19.22
FIR	.83	3.85	0.00	.12	3.71	1.56	10.07
HEMLOCK	7.16	0.00	0.00	.34	0.00	0.00	7.50
WHITE PINE	15.87	.89	0.00	1.58	4.83	0.00	23.17
RED PINE	0.00	0.00	0.00	0.00	.37	.19	.56
LARCH	0.00	0.00	0.00	0.00	.08	0.00	.08
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	.31	.06	.67	.04	1.08
RED MAPLE	2.82	0.00	1.93	2.78	11.48	0.00	19.01
Y. BIRCH	0.00	0.00	.35	.29	0.00	0.00	.64
W. BIRCH	0.00	0.00	0.00	0.00	3.47	0.00	3.47
ASPEN	1.57	0.00	1.26	.42	0.00	0.00	3.25
OTHER HARD	.52	0.00	1.08	.82	.74	.71	3.87
TOTAL SOFT	32.17	13.59	0.00	5.33	15.82	1.75	68.67
TOTAL HARD	4.91	0.00	4.93	4.37	16.36	0.75	31.33
GRAND TOTAL	37.08	13.59	4.93	9.70	32.18	2.50	100.00

TABLE NO. 48

KINGS COUNTY

 PERCENT OF TOTAL GROSS MERCHANTABLE VOLUME BY PRODUCTS FROM 3-P DENDROMETRY SAMPLING
 OF PERMANENT SAMPLE PLOTS 1976

SPECIES	SAWLOG	UNDERSIZED LOG	BOLTWOOD	TOPWOOD	PULPWOOD	CULL	TOTAL GROSS MERCHANTABLE VOLUME
W. SPRUCE	2.88	1.31	0.00	1.95	17.50	2.23	25.88
SPRUCE (red & black)	8.75	4.72	0.00	4.15	14.74	.10	32.46
FIR	0.00	3.77	0.00	0.00	3.17	.79	7.74
HEMLOCK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WHITE PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RED PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LARCH	0.00	.59	0.00	0.00	1.17	0.00	1.76
OTHER SOFT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S. MAPLE	0.00	0.00	0.00	0.00	.47	0.00	.47
RED MAPLE	2.85	0.00	1.22	.83	10.45	.70	16.05
Y. BIRCH	1.56	0.00	0.00	.84	.58	.69	3.68
W. BIRCH	.50	0.00	0.00	.30	2.33	0.00	3.12
ASPEN	.36	0.00	1.48	.47	1.23	0.00	3.54
OTHER HARD	1.99	0.00	0.00	.10	0.00	3.22	5.31
TOTAL SOFT	11.63	10.39	0.00	6.10	36.58	3.12	67.82
TOTAL HARD	7.26	0.00	2.70	2.54	15.06	4.61	32.18
GRAND TOTAL	18.89	10.39	2.70	8.64	51.64	7.73	100.00

TABLE NO. 49

SOUTH SHORE SUBDIVISION

SAWLOG VOLUME FROM 3P DENDROMETRY SAMPLING
ON PERMANENT SAMPLE PLOTS 1975

SPECIES	GROSS MERCHANTABLE VOLUME		SAWLOG MFBM	
	SAWLOG CUBIC FEET '000	NEW BRUNSWICK	ROY	INTERNATIONAL .25I
W. SPRUCE	15142	66087	73473	70447
SPRUCE (red & black)	88379	413181	448832	433382
FIR	3446	16576	16139	15485
HEMLOCK	41086	207621	218589	211202
WHITE PINE	132307	690201	733149	722416
RED PINE	0	0	0	0
LARCH	7495	36796	38813	38270
OTHER SOFT	0	0	0	0
S. MAPLE	4669	25408	27636	27586
RED MAPLE	19228	87982	94253	91604
Y. BIRCH	22348	104793	113470	110656
W. BIRCH	3592	13013	14020	13780
ASPEN	6831	25700	28880	28142
OTHER HARD	13384	68386	71302	68504
TOTAL SOFT	287855	1430462	1528995	1491202
TOTAL HARD	70052	325282	349561	340272
GRAND TOTS	357907	1755744	1878556	1831474

TABLE NO. 50

WESTERN SUBDIVISION

SAWLOG VOLUME FROM 3P DENDROMETRY SAMPLING
ON PERMANENT SAMPLE PLOTS 1975 - 76

GROSS MERCHANTABLE VOLUME SAWLOG MFBM

SPECIES	SAWLOG	NEW BRUNSWICK	ROY	INTERNATIONAL .25C
	CUBIC FEET '000			
W. SPRUCE	3396	16595	16124	14647
SPRUCE (red & black)	127443	598562	646315	632148
FIR	3461	17006	16617	15301
HEMLOCK	31093	149644	162894	161093
WHITE PINE	69416	337983	361306	355848
RED PINE	990	4991	5242	5183
LARCH	912	3562	3941	3905
OTHER SOFT	0	0	0	0
S. MAPLE	0	0	0	0
RED MAPLE	43927	183206	201227	193238
Y. BIRCH	4082	22695	23301	23162
W. BIRCH	6357	30160	32048	31548
ASPEN	0	0	0	0
OTHER HARD	19828	74512	86070	85043
TOTAL SOFT	236711	1128343	1212439	1188125
TOTAL HARD	74194	310573	342646	332991
GRAND TOTS	310905	1438916	1555085	1521116

TABLE NO. 51

VALLEY SUBDIVISION

SAWLOG VOLUME FROM 3P DENDROMETRY SAMPLING
ON PERMANENT SAMPLE PLOTS 1976

SPECIES	GROSS MERCHANTABLE VOLUME		SAWLOG MFBM	
	SAWLOG	NEW BRUNSWICK	ROY	INTERNATIONAL .25[
	CUBIC FEET			
	1000			

W. SPRUCE	24961	100934	111117	108906
SPRUCE (red & black)	67642	265224	290725	280799
FIR	5329	25897	28876	28283
HEMLOCK	46147	266724	276677	276263
WHITE PINE	102274	557585	596959	588216
RED PINE	0	0	0	0
LARCH	0	0	0	0
OTHER SOFT	0	0	0	0
S. MAPLE	0	0	0	0
RED MAPLE	27707	132449	138838	135177
Y. BIRCH	5230	23637	24151	24134
W. BIRCH	1665	10366	10834	10811
ASPEN	11295	51890	56608	56516
OTHER HARD	9993	46748	51040	50904
TOTAL SOFT	246353	1216364	1304354	1282467
TOTAL HARD	55890	265090	281471	277542
GRAND TOTS	302243	1481454	1585825	1560009

TABLE NO. 52

LUNENBURG COUNTY

SAWLOG VOLUME FROM 3P DENDROMETRY SAMPLING
ON PERMANENT SAMPLE PLOTS 1975

SPECIES	GROSS MERCHANTABLE VOLUME		SAWLOG MFBM	
	SAWLOG CUBIC FEET '000	NEW BRUNSWICK	ROY	INTERNATIONAL .25[
W. SPRUCE	15142	66087	73473	70447
SPRUCE (red & black)	50584	231346	252110	241642
FIR	1870	8137	7869	7625
HEMLOCK	20182	106495	112782	108567
WHITE PINE	12709	73741	76378	74941
RED PINE	0	0	0	0
LARCH	7495	36796	38813	38270
OTHER SOFT	0	0	0	0
S. MAPLE	4669	25408	27636	27586
RED MAPLE	7256	30379	31534	30711
Y. BIRCH	3214	15275	16740	15769
W. BIRCH	3592	13013	14020	13780
ASPEN	2326	11266	13186	12539
OTHER HARD	7444	40101	42333	41284
TOTAL SOFT	107982	522602	561425	541492
TOTAL HARD	28501	135442	145449	141669
GRAND TOTS	136483	658044	706874	683161

TABLE NO. 53

QUEEN'S COUNTY

SAWLOG VOLUME FROM 3P DENDROMETRY SAMPLING
ON PERMANENT SAMPLE PLOTS 1975

GROSS MERCHANTABLE VOLUME SAWLOG MFBM

SPECIES	SAWLOG	NEW BRUNSWICK	ROY	INTERNATIONAL .25[
	CUBIC FEET '000			
W. SPRUCE	0	0	0	0
SPRUCE (red & black)	37795	181835	196722	191740
FIR	1576	8439	8270	7860
HEMLOCK	20904	101126	105807	102635
WHITE PINE	119598	616460	656771	647475
RED PINE	0	0	0	0
LARCH	0	0	0	0
OTHER SOFT	0	0	0	0
S. MAPLE	0	0	0	0
RED MAPLE	11972	57603	62719	60893
Y. BIRCH	19134	89518	96730	94887
W. BIRCH	0	0	0	0
ASPEN	4505	14434	15694	15603
OTHER HARD	5940	28285	28969	27220
TOTAL SOFT	179873	907860	967570	949710
TOTAL HARD	41551	189840	204112	198603
GRAND TOTS	221424	1097700	1171682	1148313

TABLE NO. 54

SHELburnE COUNTY

SAWLOG VOLUME FROM 3P DENDROMETRY SAMPLING
ON PERMANENT SAMPLE PLOTS 1976

GROSS MERCHANTABLE VOLUME SAWLOG MFBM

SPECIES	GROSS MERCHANTABLE VOLUME			SAWLOG MFBM
	SAWLOG	NEW BRUNSWICK	ROY	INTERNATIONAL .25I
	CUBIC FEET			
	'000			

W. SPRUCE	0	0	0	0
SPRUCE (red & black)	13568	66526	72516	70769
FIR	0	0	0	0
HEMLOCK	0	0	0	0
WHITE PINE	42248	208136	221411	216748
RED PINE	990	4991	5242	5183
LARCH	0	0	0	0
OTHER SOFT	0	0	0	0
S. MAPLE	0	0	0	0
RED MAPLE	2002	7254	7298	7018
Y. BIRCH	0	0	0	0
W. BIRCH	1165	4996	5111	5054
ASPEN	0	0	0	0
OTHER HARD	3635	11678	12973	12722
TOTAL SOFT	56806	279653	299169	292700
TOTAL HARD	6802	23928	25382	24794
GRAND TOTS	63608	303581	324551	317494

TABLE NO. 55

YARMOUTH COUNTY

SAWLOG VOLUME FROM 3P DENDROMETRY SAMPLING
ON PERMANENT SAMPLE PLOTS 1975

GROSS MERCHANTABLE VOLUME SAWLOG MFBM

SPECIES	SAWLOG	NEW BRUNSWICK	ROY	INTERNATIONAL .25I
	CUBIC FEET '000			
W. SPRUCE	3396	16595	16124	14647
SPRUCE (red & black)	8704	41477	43851	42709
FIR	3461	17006	16617	15301
HEMLOCK	9414	47105	51111	50453
WHITE PINE	5465	31909	33078	33145
RED PINE	0	0	0	0
LARCH	912	3562	3941	3905
OTHER SOFT	0	0	0	0
S. MAPLE	0	0	0	0
RED MAPLE	14599	68758	73566	70688
Y. BIRCH	4082	22695	23301	23162
W. BIRCH	948	5119	5484	5254
ASPEN	0	0	0	0
OTHER HARD	4879	19982	22165	21974
TOTAL SOFT	31352	157654	164722	160160
TOTAL HARD	24508	116554	124516	121078
GRAND TOTS	55860	274208	289238	281238

TABLE NO. 56

DIGBY COUNTY

SAWLOG VOLUME FROM 3P DENDROMETRY SAMPLING
ON PERMANENT SAMPLE PLOTS 1976

GROSS MERCHANTABLE VOLUME SAWLOG MFBM

SPECIES	SAWLOG		INTERNATIONAL .25[
	SAWLOG	NEW BRUNSWICK	ROY	INTERNATIONAL .25[
	CUBIC FEET			
	'000			
W. SPRUCE	0	0	0	0
SPRUCE(red & black)	105171	490559	529948	518670
FIR	0	0	0	0
HEMLOCK	21679	102539	111783	110640
WHITE PINE	21703	97938	106817	105955
RED PINE	0	0	0	0
LARCH	0	0	0	0
OTHER SOFT	0	0	0	0
S. MAPLE	0	0	0	0
RED MAPLE	27326	107194	120363	115532
Y. BIRCH	0	0	0	0
W. BIRCH	4244	20045	21453	21240
ASPEN	0	0	0	0
OTHER HARD	11314	42852	50932	50347
TOTAL SOFT	148553	691036	748548	735265
TOTAL HARD	42884	170091	192748	187119
GRAND TOTS	191437	861127	941296	922384

TABLE NO. 57

ANNAPOLIS COUNTY

SAWLOG VOLUME FROM 3P DENDROMETRY SAMPLING
ON PERMANENT SAMPLE PLOTS 1976

SPECIES	GROSS MERCHANTABLE VOLUME		SAWLOG MFBM	
	SAWLOG CUBIC FEET '000	NEW BRUNSWICK	ROY	INTERNATIONAL .25[
W. SPRUCE	15305	65025	72715	72172
SPRUCE (red & black)	38321	160633	176584	169720
FIR	5329	25897	28876	28283
HEMLOCK	46147	266724	276677	276263
WHITE PINE	102274	557585	596959	588216
RED PINE	0	0	0	0
LARCH	0	0	0	0
OTHER SOFT	0	0	0	0
S. MAPLE	0	0	0	0
RED MAPLE	18148	81593	85359	82361
Y. BIRCH	0	0	0	0
W. BIRCH	0	0	0	0
ASPEN	10090	45874	50462	50438
OTHER HARD	3334	14950	16385	16193
TOTAL SOFT	207376	1075864	1151811	1134654
TOTAL HARD	31572	142417	152206	148992
GRAND TOTS	238948	1218281	1304017	1283646

TABLE NO. 58

KINGS COUNTY

SAWLOG VOLUME FROM 3P DENDROMETRY SAMPLING
ON PERMANENT SAMPLE PLOTS 1976

GROSS MERCHANTABLE VOLUME SAWLOG MFBM

SPECIES	SAWLOG CUBIC FEET '000	NEW BRUNSWICK	ROY	INTERNATIONAL .25[
W. SPRUCE	9656	35909	38402	36734
SPRUCE (red & black)	29321	104591	114141	111079
FIR	0	0	0	0
HEMLOCK	0	0	0	0
WHITE PINE	0	0	0	0
RED PINE	0	0	0	0
LARCH	0	0	0	0
OTHER SOFT	0	0	0	0
S. MAPLE	0	0	0	0
RED MAPLE	9559	50856	53479	52816
Y. BIRCH	5230	23637	24151	24134
W. BIRCH	1665	10366	10834	10811
ASPEN	1205	6016	6146	6078
OTHER HARD	6659	31798	34655	34711
TOTAL SOFT	38977	140500	152543	147813
TOTAL HARD	24318	122673	129265	128550
GRAND TOTS	63295	263173	281808	276363

TABLE NO. 59

SOUTH SHORE SUBDIVISION

LINEAL FEET OF PRODUCT FROM
 3P DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975
 LINEAL FEET (THOUSANDS)

SPECIES	SAWLOGS	UNDERSIZED			PULPWOOD	TOTAL
		SAWLOGS	BOLTWOOD	TOPWOOD		
W. SPRUCE	23478	0	0	21670	11532	56680
SPRUCE (red & black)	159065	337384	0	150124	378975	1047677
FIR	6656	147500	0	6742	254384	418164
HEMLOCK	59716	23199	0	50393	42834	182199
WHITE PINE	172856	67891	0	118306	68756	427983
RED PINE	0	8854	0	0	0	8854
LARCH	12447	32596	0	10920	66198	122161
OTHER SOFT	0	0	0	0	0	0
S. MAPLE	5161	0	0	1378	1835	8374
RED MAPLE	26360	0	70324	95504	445468	650430
Y. BIRCH	36127	0	6633	32043	22981	101691
W. BIRCH	9218	0	72848	63358	12938	158362
ASPEN	11976	0	23792	24660	47119	107547
OTHER HARD	22988	0	41436	44522	102925	246585
TOTAL SOFT	434218	617424	0	358155	822679	2263718
TOTAL HARD	111830	0	215033	261465	633266	1272989
GRAND TOTS	546048	617424	215033	619620	1455945	3536707

0
∞

TABLE NO. 60

WESTERN SUBDIVISION

LINEAL FEET OF PRODUCT FROM
 3P DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975 - 76
 LINEAL FEET (THOUSANDS)

SPECIES	SAWLOGS	UNDERSIZED			PULPWOOD	TOTAL
		SAWLOGS	BOLTWOOD	TOPWOOD		
W. SPRUCE	6773	95320	0	11095	94534	207722
SPRUCE (red & black)	207820	423017	0	167050	405714	1232424
FIR	7209	100262	0	8338	402301	601249
HEMLOCK	38460	6731	0	18378	37777	101346
WHITE PINE	89515	60650	0	61434	52663	264262
RED PINE	1192	0	0	444	0	1636
LARCH	1726	51459	0	1311	121413	181676
OTHER SOFT	0	0	0	0	18909	18909
S. MAPLE	0	0	0	0	86723	86723
RED MAPLE	70099	0	62818	141918	832383	1137900
Y. BIRCH	2939	0	11131	7700	86264	108034
W. BIRCH	13118	0	47418	45480	131863	237879
ASPEN	0	0	0	0	15045	27994
OTHER HARD	29706	0	25247	29114	101646	189678
TOTAL SOFT	352755	737439	0	268050	1133311	2609224
TOTAL HARD	115862	0	146614	224212	1253924	1788208
GRAND TOTS	468617	737439	146614	492262	2387235	4397432

TABLE NO. 61

VALLEY SUBDIVISION

LINEAL FEET OF PRODUCT FROM
 3P DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976
 LINEAL FEET (THOUSANDS)

SPECIES	SAWLOGS	UNDERSIZED			PULPWOOD	TOTAL
		SAWLOGS	BOLTWOOD	TOPWOOD		
W. SPRUCE	39621	63252	0	42023	357304	538800
SPRUCE (red & black)	121771	210028	0	148646	450200	930958
FIR	7917	205659	0	3672	218529	486654
HEMLOCK	38892	0	0	10302	0	49194
WHITE PINE	133835	38759	0	48095	89467	310156
RED PINE	0	0	0	0	5870	6661
LARCH	0	10234	0	0	25929	36163
OTHER SOFT	0	0	0	0	0	0
S. MAPLE	0	0	6312	2855	33224	44207
RED MAPLE	40225	0	63558	123371	618690	850556
Y. BIRCH	5323	0	8807	18464	3285	38648
W. BIRCH	2774	0	0	5274	194065	202113
ASPEN	12925	0	48078	27822	32198	121023
OTHER HARD	10526	0	26090	36481	32859	182381
TOTAL SOFT	342036	527932	0	252738	1147299	2358586
TOTAL HARD	71773	0	152845	214267	914321	1438928
GRAND TOTS	413809	527932	152845	467005	2061620	3797514

TABLE NO. 62

LUNENBURG COUNTY

LINEAL FEET OF PRODUCT FROM
3P DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975
LINEAL FEET (THOUSANDS)

SPECIES	SAWLOGS	UNDERSIZED			PULPWOOD	TOTAL
		SAWLOGS	BOLTWOOD	TOPWOOD		
W. SPRUCE	23478	0	0	21670	11532	56680
SPRUCE (red & black)	95422	220001	0	101566	159657	598775
FIR	3278	94365	0	3025	197575	301125
HEMLOCK	29868	13127	0	28054	21924	99030
WHITE PINE	16417	0	0	16100	34659	67176
RED PINE	0	0	0	0	0	0
LARCH	12447	32596	0	10920	66198	122161
OTHER SOFT	0	0	0	0	0	0
S. MAPLE	5161	0	0	1378	1835	8374
RED MAPLE	9734	0	28127	30126	169917	245928
Y. BIRCH	6441	0	0	4774	11319	22534
W. BIRCH	9218	0	57880	48070	0	115168
ASPEN	5090	0	0	3040	22941	31071
OTHER HARD	10665	0	15992	13578	55764	130658
TOTAL SOFT	180910	360089	0	181335	491545	1244947
TOTAL HARD	46309	0	101999	100966	261776	553733
GRAND TOTS	227219	360089	101999	282301	753321	1798680

TABLE NO. 63

QUEEN'S COUNTY

LINEAL FEET OF PRODUCT FROM
3P DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975
LINEAL FEET (THOUSANDS)

SPECIES	SAWLOGS	UNDERSIZED			PULPWOOD	TOTAL
		SAWLOGS	BOLTWOOD	TOPWOOD		
W. SPRUCE	0	0	0	0	0	0
SPRUCE (red & black)	63643	117383	0	48558	219318	448902
FIR	3378	53135	0	3717	56809	117039
HEMLOCK	29848	10072	0	22339	20910	83169
WHITE PINE	156439	67891	0	102206	34097	360807
RED PINE	0	8854	0	0	0	8854
LARCH	0	0	0	0	0	0
OTHER SOFT	0	0	0	0	0	0
S. MAPLE	0	0	0	0	0	0
RED MAPLE	16626	0	42197	65378	275551	404502
Y. BIRCH	29686	0	6633	27269	11662	79157
W. BIRCH	0	0	14968	15288	12938	43194
ASPEN	6886	0	23792	21620	24178	76476
OTHER HARD	12323	0	25444	30944	47161	115927
TOTAL SOFT	253308	257335	0	176820	331134	1018771
TOTAL HARD	65521	0	113034	160499	371490	719256
GRAND TOTS	318829	257335	113034	337319	702624	1738027

TABLE NO. 64

SHELburnE COUNTY

LINEAL FEET OF PRODUCT FROM
3P DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976
LINEAL FEET (THOUSANDS)

SPECIES	SAWLOGS	UNDERSIZED			PULPWOOD	TOTAL
		SAWLOGS	BOLTWOOD	TOPWOOD		
W. SPRUCE	0	0	0	0	64644	64644
SPRUCE (red & black)	22204	96884	0	16723	273194	424831
FIR	0	12802	0	0	133114	229055
HEMLOCK	0	0	0	0	6981	6981
WHITE PINE	61344	0	0	48300	39988	149632
RED PINE	1192	0	0	444	0	1636
LARCH	0	12891	0	0	60061	78719
OTHER SOFT	0	0	0	0	0	0
S. MAPLE	0	0	0	0	0	0
RED MAPLE	3713	0	13867	15298	275333	332332
Y. BIRCH	0	0	0	0	0	0
W. BIRCH	2108	0	0	1903	0	4011
ASPEN	0	0	0	0	7076	20025
OTHER HARD	3727	0	7547	4357	10904	26535
TOTAL SOFT	84740	122577	0	65467	577982	955498
TOTAL HARD	9548	0	21414	21558	293313	382903
GRAND TOTS	94288	122577	21414	87025	871295	1338401

TABLE NO. 65

YARMOUTH COUNTY

LINEAL FEET OF PRODUCT FROM
3P DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975
LINEAL FEET (THOUSANDS)

SPECIES	SAWLOGS	UNDERSIZED			PULPWOOD		TOTAL
		SAWLOGS	BOLTWOOD	TOPWOOD			
W. SPRUCE	6773	5490	0	11095	11188	34546	
SPRUCE (red & black)	15914	57184	0	10845	49763	133706	
FIR	7209	42640	0	8338	193889	252076	
HEMLOCK	9902	0	0	4473	4220	18595	
WHITE PINE	3304	19330	0	392	12675	35701	
RED PINE	0	0	0	0	0	0	
LARCH	1726	16323	0	1311	46287	65647	
OTHER SOFT	0	0	0	0	0	0	
S. MAPLE	0	0	0	0	12135	12135	
RED MAPLE	26648	0	28962	54938	232558	344519	
Y. BIRCH	2939	0	0	464	0	3403	
W. BIRCH	1867	0	2242	6832	30809	41750	
ASPEN	0	0	0	0	0	0	
OTHER HARD	9195	0	8685	13541	0	34047	
TOTAL SOFT	44828	140967	0	36454	318022	540271	
TOTAL HARD	40649	0	39889	75775	275502	435854	
GRAND TOTALS	85477	140967	39889	112229	593524	976125	

TABLE NO. 66

DIGBY COUNTY

LINEAL FEET OF PRODUCT FROM
3P DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976
LINEAL FEET (THOUSANDS)

SPECIES	SAWLOGS	UNDERSIZED			PULPWOOD	TOTAL
		SAWLOGS	BOLTWOOD	TOPWOOD		
W. SPRUCE	0	89830	0	0	18702	108532
SPRUCE (red & black)	169762	268949	0	139482	82757	673887
FIR	0	44820	0	0	75298	120118
HEMLOCK	28558	6731	0	13905	26576	75770
WHITE PINE	24867	41320	0	12742	0	78929
RED PINE	0	0	0	0	0	0
LARCH	0	22245	0	0	15065	37310
OTHER SOFT	0	0	0	0	18909	18909
S. MAPLE	0	0	0	0	74588	74588
RED MAPLE	39738	0	19989	71682	324492	461049
Y. BIRCH	0	0	11131	7236	86264	104631
W. BIRCH	9143	0	45176	36745	101054	192118
ASPEN	0	0	0	0	7969	7969
OTHER HARD	16784	0	9015	11216	90742	129096
TOTAL SOFT	223187	473895	0	166129	237307	1113455
TOTAL HARD	65665	0	85311	126879	685109	969451
GRAND TOTS	288852	473895	85311	293008	922416	2082906

TABLE NO. 67

ANNAPOLIS COUNTY

LINEAL FEET OF PRODUCT FROM
3P DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976
LINEAL FEET (THOUSANDS)

SPECIES	SAWLOGS	UNDERSIZED			PULPWOOD	TOTAL
		SAWLOGS	BOLTWOOD	TOPWOOD		
W. SPRUCE	23480	46047	0	13928	139541	222996
SPRUCE (red & black)	73396	128805	0	84454	162851	449506
FIR	7917	157620	0	3672	142903	347738
HEMLOCK	38892	0	0	10302	0	49194
WHITE PINE	133835	38759	0	48095	89467	310156
RED PINE	0	0	0	0	5870	6661
LARCH	0	0	0	0	1886	1886
OTHER SOFT	0	0	0	0	0	0
S. MAPLE	0	0	6312	2855	26839	37822
RED MAPLE	31862	0	49341	105415	433528	620146
Y. BIRCH	0	0	8807	12611	0	21418
W. BIRCH	0	0	0	0	146585	146585
ASPEN	10372	0	31399	17642	0	59413
OTHER HARD	4914	0	26090	34768	32859	104490
TOTAL SOFT	277520	371231	0	160451	542518	1388137
TOTAL HARD	47148	0	121949	173291	639811	989874
GRAND TOTS	324668	371231	121949	333742	1182329	2378011

TABLE NO. 68

KINGS COUNTY

LINEAL FEET OF PRODUCT FROM
 3P DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976
 LINEAL FEET (THOUSANDS)

SPECIES	SAWLOGS	UNDERSIZED			PULPWOOD	TOTAL
		SAWLOGS	BOLTWOOD	TOPWOOD		
W. SPRUCE	16141	17205	0	28095	217763	315804
SPRUCE (red & black)	48375	81223	0	64192	287349	481452
FIR	0	48039	0	0	75626	138916
HEMLOCK	0	0	0	0	0	0
WHITE PINE	0	0	0	0	0	0
RED PINE	0	0	0	0	0	0
LARCH	0	10234	0	0	24043	34277
OTHER SOFT	0	0	0	0	0	0
S. MAPLE	0	0	0	0	6385	6385
RED MAPLE	8363	0	14217	17956	185162	230410
Y. BIRCH	5323	0	0	5853	3285	17230
W. BIRCH	2774	0	0	5274	47480	55528
ASPEN	2553	0	16679	10180	32198	61610
OTHER HARD	5612	0	0	1713	0	77891
TOTAL SOFT	64516	156701	0	92287	604781	970449
TOTAL HARD	24625	0	30896	40976	274510	449054
GRAND TOTS	89141	156701	30896	133263	879291	1419503

TABLE 69
SOUTH SHORE SUBDIVISION
NUMBER OF TREES AND BASAL AREA BY PRODUCT
FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975 - 76

SPECIES	Number of Trees (thousands)				Basal Area (thousands square feet)					
	SAWLOGS	UNDERSIZED SAWLOGS	BOLTWOOD	PULPWOOD	TOTAL	SAWLOGS	BASAL CULL	BOLTWOOD	PULPWOOD	TOTAL
White Spruce	352			62	414	401			44	445
Spruce (red & black)	2,744	1,585		2,109	6,438	2,447	573		534	3,554
Fir	118	710		1,466	2,294	79	264		390	733
Hemlock	1,280	128		282	1,690	1,611	37		109	1,757
White Pine	3,608	400		492	4,500	5,372	161		484	6,017
Red Pine		66			66		35			35
Larch	186	124		433	743	182	30		209	421
Other Softwoods										
Total Softwoods	8,288	3,013		4,844	16,145	10,092	1,100		1,770	12,962
Sugar Maple	96			42	138	141			79	220
Red Maple	651		865	2,636	4,152	839		333	891	2,063
Yellow Birch	635		70	196	1,230	645		22	147	814
White Birch	96		538	70	375	58		224	20	302
Aspen	164		117	278	559	155		49	113	317
Other Hardwoods	458		441	581	1,480	386		204	258	848
Total Hardwoods	2,100		2,031	3,803	7,934	2,224		832	1,508	4,564
Total All Species	10,388	3,013	2,031	8,647	24,079	12,316	1,100	832	3,278	17,526

TABLE 70
WESTERN SUBDIVISION
NUMBER OF TREES AND BASAL AREA BY PRODUCT
FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975-76

SPECIES	SAWLOGS	Number of Trees (thousands)				SAWLOGS	Basal Area (thousands square feet)			
		UNDERSIZED LOGS	BOLTWOOD	PULPWOOD	TOTAL		BASAL CULL	BOLTWOOD	PULPWOOD	TOTAL
White Spruce	366	527		730	1,623	292	251		318	861
Spruce (red & black)	4,540	3,286		3,424	11,250	4,349	1,104		972	6,425
Fir	251	554		4,080	4,885	165	180		1,123	1,468
Hemlock	803	73		275	1,151	1,183	37		79	1,299
White Pine	2,003	265		486	2,754	2,628	98		264	2,990
Red Pine	43			43	43	66				66
Larch	68	379		1,131	1,578	54	112		322	488
Other Softwoods				73	73				26	26
TOTAL SOFTWOODS	8,074	5,084		10,199	23,357	8,737	1,782		3,104	13,623
Sugar Maple				539	539				131	131
Red Maple	2,243		1,270	8,802	12,315	1,978		530	4,341	6,849
Yellow Birch	68		76	404	548	184		23	201	408
White Birch	316		402	989	1,707	235		149	230	614
Aspen				387	387				165	165
Other Hardwood	914		357	832	2,103	1,055		169	156	1,380
Total Hardwoods	3,541		2,105	11,953	17,599	3,452		871	5,224	9,547
Total All Species	11,615	5,084	2,105	22,152	40,956	12,189	1,782	871	8,328	23,170

TABLE 71
VALLEY SUBDIVISION
NUMBER OF TREES AND BASAL AREA BY PRODUCT
FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976

SPECIES	SAWLOGS	Number of Trees (thousands)				TOTAL	SAWLOGS	Basal Area (Thousands square feet)			
		UNDERSIZED SAWLOGS	BOLTWOOD	PULPWOOD	TOTAL			BASAL CULL	BOLTWOOD	PULPWOOD	TOTAL
White Spruce	645	282		1,859	2,786	710	121		1,044	1,875	
Spruce (red & black)	1,993	984		2,118	5,095	1,587	326		744	2,657	
Fir	107	472		1,213	1,792	119	153		298	570	
Hemlock	558				558	1,465				1,465	
White Pine	1,531	107		207	1,845	2,316	25		247	2,588	
Red Pine				50	50				73	73	
Larch		66		182	248		20		37	57	
Other Softwoods											
Total Softwoods	4,834	1,911		5,629	12,374	6,197	645		2,443	9,285	
Sugar Maple			102	267	369			45	77	122	
Red Maple	651		659	3,777	5,087	692		229	1,348	2,269	
Yellow Birch	129		107	127	363	224		34	231	489	
White Birch	63			838	901	658			155	813	
Aspen	170		336	127	633	391		154	24	569	
Other Hardwoods	353		207	519	1,079	537		75	163	775	
Total Hardwoods	1,366		1,411	5,655	8,432	2,502		537	1,998	5,037	
Total All Species	6,200	1,911	1,411	11,284	20,806	8,699	645	537	4,441	14,322	

TABLE 72
LUNENBURG COUNTY
NUMBER OF TREES AND BASAL AREA BY PRODUCT
FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975

SPECIES	Number of Trees (thousands)				TOTAL	Basal Area (thousands square feet.)			
	SAWLOGS	UNDERSIZED SAWLOGS	BOLTWOOD	PULPWOOD		SAWLOGS	BASAL CULL	BOLTWOOD	PULPWOOD
White Spruce	352			62	414	401		44	445
Spruce (red & black)	1,429	849		848	3,126	1,199	304	201	1,704
Fir	48	380		1,001	1,429	30	148	228	406
Hemlock	540	62		146	748	670	14	61	745
White Pine	354			290	644	530		375	905
Red Pine									
Larch	186	124		433	743	182	30	209	421
Other Softwoods									
Total Softwoods	2,909	1,415		2,780	7,104	3,012	496	1,118	4,626
Sugar Maple	96			42	138	141		79	220
Red Maple	236		252	930	1,418	312		104	798
Yellow Birch	84			126	539	97		124	221
White Birch	96		329		96	58		135	193
Aspen	47			95	142	30		91	121
Other Hardwoods	179		96	170	445	198		36	410
Total Hardwoods	738		677	1,363	2,778	836		275	1,963
Total All Species	3,647	1,415	677	4,143	9,882	3,848	496	275	1,970

TABLE 73
 QUEEN'S COUNTY
 NUMBER OF TREES AND BASAL AREA BY PRODUCT
 FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976

SPECIES	Number of Trees (thousands)					Basal Area (thousands square feet)				
	SAWLOGS	UNDERSIZED SAWLOGS	BOLTWOOD	PULPWOOD	TOTAL	SAWLOGS	BASAL CULL	BOLTWOOD	PULPWOOD	TOTAL
White Spruce										
Spruce (red & black)	1,315	736		1,261	3,312	1,248	269		333	1,850
Fir	70	330		465	865	49	116		162	327
Hemlock	740	66		136	942	941	23		48	1,012
White Pine	3,254	400		202	3,856	4,842	161		109	5,112
Red Pine		66			66		35			35
Larch										
Other Softwoods										
Total Softwoods	5,379	1,598		2,064	9,041	7,080	604		652	8,336
Sugar Maple										
Red Maple	415		613	1,706	2,734	527		229	509	1,265
Yellow Birch	551		70	70	691	548		22	23	593
White Birch			209	70	279			89	20	109
Aspen	117		117	183	417	125		49	22	196
Other Hardwoods	279		345	411	1,035	188		168	82	438
Total Hardwoods	1,362		1,354	2,440	5,156	1,388		557	656	2,601
Total All Species	6,741	1,598	1,354	4,505	14,197	8,468	604	557	1,308	10,937

TABLE 74
SHELBURNE COUNTY
NUMBER OF TREES AND BASAL AREA BY PRODUCT
FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976

SPECIES	Number of Trees (thousands)				Basal Area (thousands square feet)					
	SAWLOGS	UNDERSIZED SAWLOGS	BOLTWOOD	PULPWOOD	TOTAL	SAWLOGS	BASAL CULL	BOLTWOOD	PULPWOOD	TOTAL
White Spruce				462	462				218	218
Spruce (red & black)	493	555		1,452	2,500	474	178		438	1,090
Fir		62		1,392	1,454		24		301	325
Hemlock				62	62				23	23
White Pine	1,380			370	1,750	1,602			243	1,845
Red Pine	43				43	66				66
Larch		92		444	536		24		105	129
Other Softwood										
Total Softwood	1,916	709		4,182	6,807	2,142	226		1,328	3,696
Sugar Maple										
Red Maple	134		227	2,930	3,291	89		81	1,405	1,575
Yellow Birch										
White Birch	92				92	76				76
Aspen				314	314				157	157
Other Hardwoods	184		92	135	411	305		43	46	394
Total Hardwood	410		319	3,379	4,108	470		124	1,608	2,202
Total All Species	2,326	709	319	7,561	10,915	2,612	226	124	2,936	5,898

TABLE 75
YARMOUTH COUNTY
NUMBER OF TREES AND BASAL AREA BY PRODUCT
FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1975

SPECIES	Number of Trees (thousands)					Basal Area (thousands square feet)				
	SAWLOGS	UNDERSIZED SAWLOGS	BOLTWOOD	PULPWOOD	TOTAL	SAWLOGS	BASAL CULL	BOLTWOOD	PULPWOOD	TOTAL
White Spruce	366	68		184	618	292	36		89	417
Spruce (red & black)	665	733		868	2,266	635	269		172	1,076
Fir	251	347		2,290	2,888	165	119		714	998
Hemlock	271			68	339	441			32	473
White Pine	68	116		116	300	194	46		21	261
Red Pine										
Larch	68	203		542	813	54	71		182	307
Other Softwoods										
Total Softwoods	1,689	1,467		4,068	7,224	1,781	541		1,210	3,532
Sugar Maple				231	231				38	38
Red Maple	1,200		798	3,661	5,659	941		350	1,664	2,955
Yellow Birch	68				68	184				184
White Birch	73		73	440	586	63		22	79	164
Aspen										
Other Hardwoods	420		189	116	725	336		93	35	464
Total Hardwoods	1,761		1,060	4,448	7,269	1,524		465	1,816	3,805
Total All Species	3,450	1,467	1,060	8,516	14,493	3,305	541	465	3,026	7,337

TABLE 76
DIGBY COUNTY
NUMBER OF TREES AND BASAL AREA BY PRODUCT
FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976

SPECIES	Number of Trees (thousands)					Basal area (thousands square feet)				
	SAWLOGS	UNDERSIZED SAWLOGS	BOLTWOOD	PULPWOOD	TOTAL	SAWLOGS	BASAL CULL	BOLTWOOD	PULPWOOD	TOTAL
White spruce		459		84	543		215		11	226
Spruce (red & black)	3,382	1,998		1,104	6,484	3,240	657		362	4,259
Fir		145		398	543		37		108	145
Hemlock	532	73		145	750	742	37		24	803
White Pine	555	149			704	832	52			884
Red Pine										
Larch		84		145	229		17		35	52
Other Softwood				73	73				26	26
Total Softwoods	4,469	2,908		1,949	9,326	4,814	1,015		566	6,395
Sugar Maple				308	308				93	93
Red Maple	909		245	2,211	3,365	948		99	1,272	2,319
Yellow Birch			75	404	480			23	201	224
White Birch	151		329	549	1,029	96		127	151	374
Aspen				73	73				8	8
Other Hardwoods	310		76	581	967	414		33	75	522
Total Hardwoods	1,370		726	4,126	6,222	1,458		282	1,800	3,540
Total All Species	5,839	2,908	726	6,075	15,548	6,272	1,015	282	2,366	9,935

TABLE 86
ANNAPOLIS COUNTY
NUMBER OF TREES AND BASAL AREA BY PRODUCT
FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976

SPECIES	SAWLOGS	Number of Trees (thousands)				TOTAL	Basal Area (thousands square feet)				TOTAL
		UNDERSIZED SAWLOGS	BOLTWOOD	PULPWOOD			SAWLOGS	BASAL CULL	BOLTWOOD	PULPWOOD	
White Spruce	251	150		257	658	413	59		58	530	
Spruce (red & black)	891	458		623	1,972	679	156		99	934	
Fir	107	257		621	985	119	66		181	366	
Hemlock	558				558	1,465				1,465	
White Pine	1,531	107		207	1,845	2,316	25		247	2,588	
Red Pine				50	50				73	73	
Larch				50	50				5	5	
Other Softwoods											
Total Softwoods	3,338	972		1,808	6,118	4,992	306		663	5,961	
Sugar Maple			102	204	306			45	46	91	
Red Maple	461		406	2,478	3,345	327		133	771	1,231	
Yellow Birch			107		107			34		34	
White Birch				626	626	612			106	718	
Aspen	107		209		316	351		92		443	
Other Hardwoods	204		207	304	715	203		75	113	391	
Total Hardwoods	772		1,031	3,612	5,415	1,493		379	1,036	2,908	
Total All Species	4,110	972	1,031	5,420	11,533	6,485	306	379	1,699	8,869	

TABLE 87
KINGS COUNTY

NUMBER OF TREES AND BASAL AREA BY PRODUCT

FROM 3P-DENDROMETRY SAMPLING OF PERMANENT SAMPLE PLOTS 1976

SPECIES	Number of Trees (thousands)					Basal Area (thousands square feet)				
	SAWLOGS	UNDERSIZED SAWLOGS	BOLTWOOD	PULPWOOD	TOTAL	SAWLOGS	BASAL CULL	BOLTWOOD	PULPWOOD	TOTAL
White Spruce	394	132		1,602	2,128	297	62		986	1,345
Spruce (red & black)	1,102	526		1,495	3,123	908	170		645	1,723
Fir		215		592	807		87		117	204
Hemlock										
White Pine										
Red Pine										
Larch		66		132	198		20		32	52
Other Softwoods										
Total Softwoods	1,496	939		3,821	6,256	1,205	339		1,780	3,324
Sugar Maple				63	63				31	31
Red Maple	190		253	1,299	1,742	365		96	577	1,038
Yellow Birch	129			127	256	224			231	455
White Birch	63			212	275	46			49	95
Aspen	63		127	127	317	40		62	24	126
Other Hardwoods	149			215	364	334			50	384
Total Hardwoods	594		380	2,043	3,017	1,009		158	962	2,129
Total All Species	2,090	939	380	5,864	9,273	2,214	339	158	2,742	5,453