INTRODUCTION:

The examination covered by this report included the timbered areas of Blocks 617, 504, 274, 566 and 263, Newcastle District, Vancouver Island. The stage of development, logged, felled and bucked, and standing timber areas at the time of the examination are shown on the accompanying plan. Blocks 274, 198, 234, 256, 267 and Lot 88, in addition to all those blocks listed above, contain areas of sixty year old second growth and scattered seed trees as shown on the plan. An estimate of the timber remaining in Block 276 was made from the aerial survey information.

The accompanying map also shows the felled and bucked, logged, and timbered areas as they existed in September 1945.

C. D. SCHULTZ & COMPANY LIMITED

D. R. Bakewell
D. R. Bakewell

C. W. Walker
C. W. Walker

C. D. Schultz
C. D. Schultz

Dated at Vancouver
December, 1948.

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(in envelope attached to back cover)

A. METHOD OF EXAMINATION.

(a) Control:

Existing British Columbia Land Surveys were used as control for the field examination.

(b) Examination Strips:

Examination strips were run from existing Land Surveys and spaced twenty (20) chains, or thirteen hundred and twenty (1320) feet apart in Block 617, and ten (10) chains, or six hundred and sixty (660) feet apart in Block 504. Single strips were run through the small isolated areas of timber in Blocks 504, 274 and 566. The examination strips were run with box compass and surveyors chain.

(c) Timber Tallies:

By tallying trees for a distance of one half-chain, or thirty-three (33) feet, on each side of the cruise examination lines, the timber was recorded on five percent (5%) of the timbered areas of Blocks 617 and 566, and on ten percent (10%) of the timbered areas of Blocks 504 and 274.

(d) Tally Records:

The diameters breast high of all sound trees on the tally strips were estimated. These estimates were checked frequently by diameter tape measurements. All merchantable timber twelve inches (12") diameter breast high and over, was tallied for volume conversion.

(e) Gross Volumes:

Volumes of trees tallied were compiled from volume tables. The volume compiled from the tallied area was then applied to the adjacent untallied timber.

(f) Volume Tables:

British Columbia Forest Service Volume Tables were used as a base. Height and diameter measurements were taken of sample trees in each area as a basis for application of these tables.

(g) Breakage and Cull Factors:

Deductions were made for breakage and defect from inspection of ground and timber conditions. Average deductions applied were as follows: Cedar and Hemlock 30%; Balsam and Fir 20%.

(h) Net Volume:

Net volumes were derived by deducting the breakage and cull volumes from the calculated gross volumes. Net volume is, therefore, the estimated recoverable quantity of timber remaining after making these deductions.

(i) Aerial Surveys and Planimetric Maps:

Photographs of the whole area were taken by Royal Canadian Air Force on September 8, 1945, and by Aero Surveys Limited on November 22, 1948.

Photo interpretation was by C. D. Schultz & Company Limited.

Planimetric mapping was by Aero Surveys Limited.

B. SUMMARY OF VOLUMES (in M.B.M.)

1. Standing Timber:

(a) 12 to 18 inches d.b.h.

Species	Gross	Net	Percentage of Volume
Hemlock	1052	826	25.0
Balsam	1858	1606	48.6
Fir	299	260	7.7
Cypress	475	315	9.5
Cedar	372	259	8.1
White Pine	44	36	1.1
TOTALS	4100	3302	100.0

Area: ..... 916.6 acres

Average Volume:... 3.6 M.B.M. per acre

(b) 18 inches d.b.h. and over.

Species	Gross	Net	Percentage of Volume
Hemlock	18114	12722	42.5
Balsam	2893	2356	7.8
Fir	11951	9755	32.5
Cypress	1769	1199	4.0
Cedar	5424	3816	12.7
White Pine	193	151	0.5
TOTALS	40344	29999	100.0

Area: ....., 916.6 acres

Average Volume: ... 32.7 M.B.M. per acre

(c) 12 inches d.b.h. and over.

Species	Gross	Net	Percentage of Volume
Hemlock	19166	13548	40.8
Balsam	4751	3962	11.9
Fir	12250	10015	30.0
Cypress	2244	1514	4.5
Cedar	5796	4075	12.2
White Pine	237	187	0.6
TOTALS	44444	33301	100.0

Area:..... 916.6 acres

Average Volume: 36.3 M.B.M. per acre

2. Timber Logged September 1945 to November 1948.

(a) Volumes by Species.

Species	Volume	Percent
Fir	8,286,654	49.56
Cedar	3,977,877	23.79
Hemlock	2,757,927	16.49
Spruce	22,360	0.13
Pine	106,492	0.64
Cypress	253,568	1.52
Balsam	1,315,526	7.87
Cottonwood	620	-
TOTAL	16,721,024	100.0

(b) Volumes by log grades.

Grade	No. 1	No.2	No. 3	Ungraded	Total
Volume (all species)	1,192,033	8,298,434	5,914,411	1,316,146	16,721,024
Percent	7.13	49.63	35.37	7.87	100.0

Note: For details of grades by species see page 19.

3. Standing, felled, and cold decked timber as at November, 1948.

Standing timber cruised (18 inches d.b.h. and over)	29,999 M.B.M.
Additional standing timber, Block 504, estimated	400 M.B.M.
Standing timber, Block 276, estimated	4,500 M.B.M.
Felled and Bucked timber, estimated	4,500 M.B.M.
Cold decked timber, estimated	400 M.B.M.
	39,799 M.B.M.

Is this all 18" +

4. Timber Inventory as at September 1945.

Present volumes (from B-3 above)	39,799 M.B.M.
Volumes logged September 1945 to November 1948 (from B-2 above)	16,721 M.B.M.
TOTAL:	56,520 M.B.M.

d.b.h. 18 +

did this make it a salvage location

Thinks 18" doesn't know

C. BLOCK 617.

1. General Description and Topography:

The remaining timber in Block 617 is on moderately steep ground which is broken by three large creeks. A narrow fringe of timber lies outside the south-western boundaries of the Block.

2. Condition of Timber:

Of the total volume of merchantable timber on this block, 90 percent is old growth and 10 percent is second growth and smaller trees. The old growth will produce high quality logs with a fair percentage of peeler grades. The fir should run 70 percent No. 1 and No. 2 grades, the cedar 55 percent, and the hemlock 35 percent.

As in the case of all old growth stands, some defects were observed. Butt rot occurs, to some extent, in some trees of all species, and conk rot in some of the hemlock. Deductions for these defects, and estimated breakage, were made from gross volumes. This procedure was followed throughout the examination of all blocks.

The second growth consists of thrifty hemlock, balsam, cedar and fir from 10 to 20 inches d.b.h. Second growth volumes run from 20 to 30 M.B.M. per acre. Most second growth areas also contain scattered old growth fir, cedar, and hemlock seed trees.

3. Logging Conditions:

Truck roads may be built to log all the timber in Block 617. As the remaining timber in Block 617 lies between 1500 and 3000 feet in elevation, the logging season should be short.

4. Summary of Volumes by Species:

(a) 12" to 18" d.b.h. (M.B.M.)

Species	Gross	Net	Percentage of Volume
Hemlock	726	575	27.0
Balsam	1,366	1,205	56.7
Fir	26	22	1.0
Cypress	363	237	11.1
Cedar	128	89	4.2
White Pine	-	-	-
TOTAIS	2,609	2,128	100.0

Area:..... 495.9 acres

Average volume per acre: 4.3 M.B.M. per acre

(b) 18" d.b.h. and over (M.B.M.)

Species	Gross	Net	Percentage of Volume
Hemlock	15,835	11,106	59.7
Balsam	2,549	2,082	11.2
Fir	2,891	2,258	12.1
Cypress	1,314	905	4.9
Cedar	3,040	2,128	11.4
White Pine	158	123	0.7
TOTAIS	25,787	18,602	100.0

Area: ..... 495.9 acres

Average volume per acre: 37.5 M.B.M. per acre.

(c) 12" d.b.h. and over (M.B.M.)

Species	Gross	Net	Percentage of Volumes.
Hemlock	16,561	11,681	56.3
Balsam	3,915	3,287	15.9
Fir	2,917	2,280	11.0
Cypress	1,677	1,142	5.5
Cedar	3,168	2,217	10.7
White Pine	158	123	0.6
TOTALS	28,396	20,730	100.0

Area: ..... 495.9 acres

Average volume per acre:.. 41.8 M.B.M. per acre

D. BLOCK 504.

1. General Description and Topography:

The timber in Block 504 lies on moderately steep hillsides below 1800 feet elevation. The Tsable River Logging Company uses Block 504 for its winter logging operations.

2. Condition of Timber:

Old growth fir comprises 85 percent of the total volume of timber over 18 inches d.b.h. There is evidence of very little defect in this species and losses due to breakage will be small. The fir will run about 70 percent No. 1 and 2 grades including a high percentage of peeler logs.

Most of the timbered area has an understory of 60 to 70 year old second growth. The burned area shown on the plan contains scattered seed trees.

3. Logging Conditions:

Remaining timber may be removed by already constructed or projected roads. Logging Conditions are favourable.

4. Summary of Volumes by Species:

(a) 12" to 18" d.b.h. (M.B.M.)

Species	Gross	Net	Percentage of Volume
Hemlock	136	112	21.6
Balsam	60	49	9.5
Fir	229	201	38.7
Cypress	1	1	0.2
Cedar	172	121	23.3
White Pine	43	35	6.7
TOTALS	641	519	100.0

Area:..... 256.6 acres

Average volume per acre:... 2.0 M.B.M. per acre.

(b) 18" d.b.h. and over (M.B.M.)

Species	Gross	Net	Percentage of Volume
Hemlock	135	112	1.2
Balsam	-	-	-
Fir	7,716	6,367	84.9
Cypress	-	-	-
Cedar	1,440	1,027	13.8
White Pine	8	7	0.1
TOTALS	9,299	7,513	100.0

Area: ..... 256.6 acres

Average volume per acre: 29.3 M.B.M. per acre

(c) 12" d.b.h. and over (M.B.M.)

Species	Gross	Net	Percentage of Volume
Hemlock	271	224	2.8
Balsam	60	49	0.6
Fir	7,945	6,568	81.8
Cypress	1	1	-
Cedar	1,612	1,148	14.3
White Pine	51	42	0.5
TOTALS	9,940	8,032	100.0

Area: 256.6 acres

Average volume per acre: 31.3 M.B.M. per acre

Note: The air survey indicates that 16 acres of merchantable timber still remain on the east bank of the Tsable River in the south western part of Block 504. The 16 acres contain an estimated volume of 400 M.B.M. in addition to volumes shown above.

E. BLOCK 263.

1. General Description and Topography:

The timber in Block 263 is on moderately sloping ground.

2. Condition of Timber:

This timber is similar in quality to the timber on Block 504.

3. Logging Conditions:

Timber in Block 263 is easily accessible to the already constructed road in Block 504. Logging conditions are favourable.

4. Summary of Volumes by Species:

(a) 12" to 18" d.b.h. (M.B.M.)

Species	Gross	Net	Percentage of Volume.
Hemlock	22	20	19.4
Balsam	15	13	12.6
Fir	39	34	33.0
Cypress	-	-	-
Cedar	49	35	34.0
White Pine	1	1	1.0
TOTALS	126	103	100.0

Area: ..... 29.6 acres

Average volume per acre: ..... 3.5 M.B.M. per acre.

(b) 18" d.b.h. and over (M.B.M.)

Species	Gross	Net	Percentage of Volume
Hemlock	29	24	2.0
Balsam	-	-	-
Fir	1127	958	80.3
Cypress	-	-	-
Cedar	296	207	17.4
White Pine	4	3	0.3
TOTALS	1456	1192	100.0

Area: ..... 29.6 acres.

Average volume per acre: 40.3 M.B.M. per acre

(c) 12" d.b.h. and over (M.B.M.)

Species	Gross	Net	Percentage of Volume
Hemlock	51	44	3.4
Balsam	15	13	1.0
Fir	1166	992	76.6
Cypress	-	-	-
Cedar	345	242	18.7
White Pine	5	4	0.3
TOTALS	1582	1295	100.0

Area: ..... 29.6 acres

Average volume per acre: 43.8 M.B.M. per acre

Note: The above estimates of volumes are based on the cruise of similar timber on Forty #1, Block 504.

F. BLOCK 566.

1. General Description and Topography:

The timber in Block 566 is on moderately sloping ground. A deep creek valley isolates the northern fringe of the stand.

2. Condition of Timber:

The comparatively minor volume remaining on this block is old growth hemlock, cedar and cypress. The percentage of No. 1 and 2 log grades, by species, will be approximately as follows:

Hemlock..... 35%
Cedar..... 50%
Cypress..... 26%

3. Logging Conditions:

Timber is accessible to an extension of the present road in Block 566. Logging conditions are favourable.

4. Summary of Volumes by Species:

(a) 12" to 18" d.b.h. (M.B.M.)

Species	Gross	Net	Percentage of Volume
Hemlock	154	110	22.3
Balsam	367	299	60.7
Fir	5	3	0.6
Cypress	105	73	14.8
Cedar	14	8	1.6
White Pine	-	-	-
TOTALS	645	493	100.0

Area: ..... 116.4 acres.

Average volume per acre:.... 4.3 M.B.M. per acre.

(b) 18" d.b.h. and over (M.B.M.)

Species	Gross	Net	Percentage of Volume
Hemlock	2055	1438	61.6
Balsam	273	217	9.3
Fir	19	14	0.6
Cypress	388	247	10.6
Cedar	588	412	17.8
White Pine	5	3	0.1
TOTALS	3328	2331	100.0

Area: 116.4 acres

Average volume per acre: 20.0 M.B.M. per acre

(c) 12" d.b.h. and over (M.B.M.)

Species	Gross	Net	Percentage of Volume
Hemlock	2209	1548	54.8
Balsam	640	516	18.3
Fir	24	17	0.6
Cypress	493	320	11.3
Cedar	602	420	14.9
White Pine	5	3	0.1
TOTALS	3973	2824	100.0

Area: ..... 116.4 acres

Average volume per acre: 24.3 M.B.M. per acre.

G. BLOCK 274.

1. General Description and Topography:

The timber in Block 274 lies on a moderate slope. It borders timber in the Esquimalt and Nanaimo Railway lands of Block 801.

2. Condition of Timber:

The very minor quantity of timber remaining in Block 274 is short old growth. The fir will run approximately 50 percent No. 1 and No. 2 grades and the cedar 45 percent. The hemlock is relatively free from defect but the small size of this timber will result in a high percentage of Nc. 3 grade logs. Most of the timbered area has an understory of reproduction and second growth.

3. Logging Conditions:

Logging conditions are favourable. Timber is accessible to the present road system.

4. Summary of Volumes by Species:

(a) 12" to 18" d.b.h. (M.B.M.)

Species	Gross	Net	Percentage of Volume
Hemlock	14	9	15.2
Balsam	50	40	67.7
Fir	-	-	-
Cypress	6	4	6.8
Cedar	9	6	10.3
White Pine	-	-	-
TOTALS	79	59	100.0

Area: ..... 18.1 acres.

Average volume per acre: 3.3 M.B.M. per acre.

(b) 18" d.b.h. and over (M.B.M.)

Species	Gross	Net	Percentage of Volume
Hemlock	60	42	11.6
Balsam	71	57	15.8
Fir	198	158	43.8
Cypress	67	47	13.0
Cedar	60	42	11.6
White Pine	18	15	4.2
TOTALS	474	361	100.0

Area: ..... 18.1 acres.

Average volume per acre: 20.0 M.B.M. per acre

(c) 12" d.b.h. and over (M.B.M.)

Species	Gross	Net	Percentage of Volume
Hemlock	74	51	12.1
Balsam	121	97	23.1
Fir	198	158	37.6
Cypress	73	51	12.1
Cedar	69	48	11.5
White Pine	18	15	3.6
TOTALS	553	420	100.0

Area: ..... 18.1 acres.

Average volume per acre: 23.3 M.B.M. per acre

H. BLOCK 276.

The planimetric air survey map indicates that 180 acres of merchantable timber remain in Block 276. If the average volume is 25 M.B.M. per acre, (a conservative estimate in our opinion), the volume of remaining timber is 4,500 M.B.M.

1. ESTIMATES OF FELLED AND BUCKED AND COLD-DECKED TIMBER.

These calculations are based on average volumes per acre of adjacent timber 18 inches d.b.h. and over. This diameter appears to be the minimum utilized in the present logging operation.

	Felled and Bucked	Cold-Decked
Block 617	1,140 M.B.M.	
Block 504	2,840 M.B.M.	
Block 566	120 M.B.M.	400 M.B.M.
Block 274	140 M.B.M.	
Block 263	260 M.B.M.	
TOTALS	4,500 M.B.M.	400 M.B.M.

J. GOVERNMENT SCALE RETURNS FROM AREAS LOGGED BETWEEN SEPTEMBER 1945 and NOVEMBER 1948.

1. Area Logged:

From aerial photographs taken in September 1945, and November 1948, and from ground examinations, we find the following areas were logged during the intervening period:

Block	Area (acres)
617	95
504	206
274	76
566	154
263	6
234	18
E & N Land (1)	12
Total	567

Note: (1) No timber mark allotted in "Timber and Hand Logger Marks", Volume 1, List No. 127, corrected to June 30th, 1948.

2. Grades and Volumes of Timber Logged (Volume f.b.m.)

GRADE	No. 1	No. 2	No. 3	Ungraded	Total	Percent of Total Volume.
Fir Volume	822,767	5,266,294	2,197,593	-	8,286,654	49.56
Percent	9.93	63.55	26.52	-	100.0	
Cedar Volume	230,188	1,978,929	1,768,760	-	3,977,877	23.79
Percent	5.79	49.75	44.46	-	100.0	
Hemlock Volume	137,093	951,982	1,668,852	-	2,757,927	16.49
Percent	4.97	34.52	60.51	-	100.0	
Spruce Volume	-	6,194	16,166	-	22,360	0.13
Percent	-	27.70	72.30	-	100.0	
Pine Volume	-	30,317	76,175	-	106,492	0.64
Percent	-	28.47	71.53	-	100.0	
Cypress Volume	1,985	64,718	186,865	-	253,568	1.52
Percent	0.78	25.52	73.70	-	100.0	
Balsam Volume	-	-	-	1,315,526	1,315,526	7.87
Percent	-	-	-	100.0	100.0	
Cottonwood Volume	-	-	-	620	620	-
Percent	-	-	-	100.0	100.0	
TOTAL VOLUME	1,192,033	8,298,434	5,914,411	1,316,146	16,721,024	100.0
PERCENT	7.13	49.63	35.37	7.87	100.0	

.3. Average Volume of Timber per acre:

Logged:

On the area logged since 1945 the average volume is 29.5 M.B.M. per acre.

K. SECOND GROWTH TIMBER.

Areas of 60 to 70 year old second growth are found in all Blocks covered by this report. Scattered seed trees, averaging one per acre, are found in most of the second growth areas.

The areas marked "LOGGED" in Block 267 and Lot 88 are partially restocked with 10-year old reproduction averaging 500 per acre.

L. VALUATION OF IMMATURE STANDS ON LOGGED AND UNLOGGED AREAS.

(1) See Notes Below.

Age Class	Value per Acre (Dollars)	Area (Acres)	Total Value (Dollars)
Recently logged	$2.00	695 (2)	$1,390.00
5-15	7.00	4,074 (3)	28,518.00
15-25	12.50	586 (4)	7,325.00
55-65	28.00	214 (5)	5,992.00
			$43,225.00

Notes:

1. Refer to page 21 for Classification of Areas and to page 22 for Valuation of Immature Timber.
2. Areas logged since September 1945 and areas of felled and bucked as at November 1948.
3. Areas logged prior to September 1945 and areas of seed trees.
4. Areas of reproduction.
5. Areas of second growth excluding those of Block 617 which are included in timber estimates.

M.

CLASSIFICATION OF AREAS (ACRES)

TYPE	BLOCKS 198	234	256	263	267	274	276	504	566	617	Lot 88	Total	Percent
Mature Timber	-	-	-	30	-	6	-	180	-	320	-	536	7.6
Small Mature Timber	-	-	-	-	-	6	180	16	84	6	-	292	4.2
Small Mature Timber and Reproduction	-	-	-	-	-	-	-	48	-	-	-	48	0.7
Small Mature Timber and Second Growth	-	-	-	-	-	8	-	-	-	-	-	8	0.1
Scattered Mature Timber	-	-	-	-	-	-	-	-	34	118	-	152	2.2
Scattered Mature Timber and Reproduction	-	-	-	-	-	-	-	70	-	-	-	70	1.0
Second Growth	20	40	6	10	48	6	8	2	6	52	68	266	3.8
Reproduction (Coniferous and/or Deciduous)	217	-	24	-	3	-	-	6	-	-	336	586	8.4
Logged since September 1945	-	18	-	6	-	76	-	206	154	95	-	555	7.9
Logged and/or burned prior to September 1945	92	169	321	129	551	333	1319	734	203	89	108	4048	57.6
Felled and Bucked	-	-	-	6	-	4	-	80	6	44	-	140	2.0
Non-Commercial Cover (Seed Trees, Brush, etc.)	-	-	-	10	-	14	-	2	-	-	-	26	0.4
Scrub	60	-	36	-	34	-	23	28	-	52	-	233	3.3
Swamp	-	13	-	-	-	-	-	-	-	8	28	49	0.7
Water	-	-	-	-	-	-	-	-	-	6	-	6	0.1
TOTAL	389	240	387	191	636	453	1530	1372	487	790	540	7015	100.0
Percent	5.5	3.4	5.5	2.7	9.1	6.4	21.8	19.6	7.0	11.3	7.7	100.0	

N. VALUATION OF IMMATURE TIMBER.

COPY.

The Government of the Province of British Columbia

Forest Service

Victoria, B.C.

December 20th, 1948.

File: 04170

Mr. R.P.Baldwin,
Bank of Nova Scotia Building,
602 West Hastings,
Vancouver, B.C.

Dear Sir:

Reference is made to your letter of December 15th, in which you request us to give you an estimate of the value of a 60-year old stand of Douglas fir in the South Coastal Region.

When submitting final fire reports our field staff is required to furnish an estimate of the damage and in the case of immature stands a schedule of values is supplied. These values are based on average stumpage prices over a period of years, the merchantable volume that may be expected at rotation age, and this final yield discounted back over the years to get a value for the intervening years. For example, for the Douglas fir stands on the South Coast the table shows values as follows:-

Age	Value per acre
10	$10.50
20	12.50
30	15.50
40	19.00
60	28.00
80	41.00
100	61.00

The values listed above were being used in 1944.

We trust that this is the information you require.

Yours truly,

F.S. McKinnon,
Forester.

FSM:pk

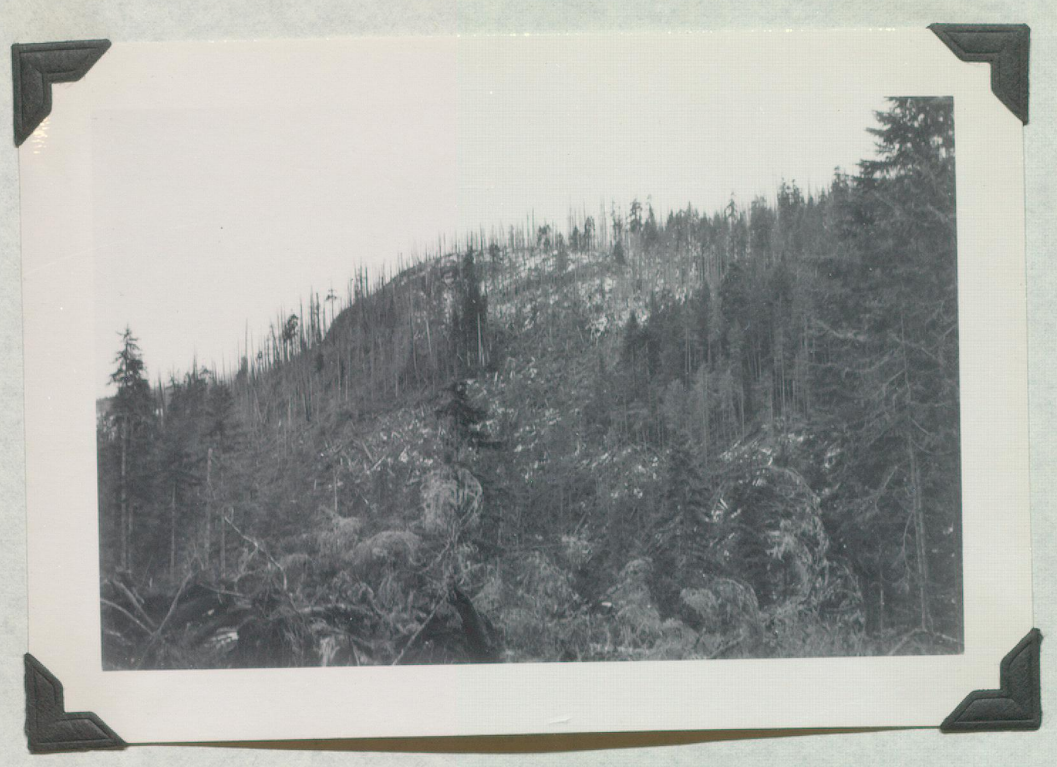
APPENDIX



Block 617, Logging Operations.



Block 566, looking North-west and showing logged area and standing timber.



Block 617 looking South-east and showing felled and bucked and burn in Eastern part of Block.



Block 617 looking South and showing Timber and second growth in Forty 13.



Block 566 showing second growth Balsam Poles.

PROJECT INVENTORY, BLOCKS 504, 263, 617, 566, 274.

SPECIFY AREA SUMMARIZED ON THIS SHEET BY LOT, LICENSE, ETC., AND LAND DISTRICT IF APPLICABLE SUMMARY.

DATE DECEMBER 1948.

500-11-48. M.P.

	AREA NUMBER	ACRES OF			HEMLOCK				BALSAM				FIR				CYPRESS				CEDAR				WHITE PINE				TOTAL						REMARKS
		MERCHANTABLE	NON-COMMERCIAL	TOTAL	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	AVERAGE NET PER TREE (M.B.M.)	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	AVERAGE PER ACRE (M.B.M.)	NUMBER CEDAR POLES	
BLOCK 617		495.9	294.1	790.0	5396	726	151	575	8245	1366	161	1205	338	26	4	22	3387	363	126	237	723	128	39	89					18089	.12	2609	481	2128	4.3		12 to 18 inches D.B.H.
		495.9	294.1	790.0	15498	15835	4729	11106	4165	2549	467	2082	1426	2891	633	2258	2486	1314	409	905	2482	3040	912	2128	83	158	35	123	26140	.71	25787	7185	18602	37.5		18 inches D.B.H.and over.
	Total	495.9	294.1	790.0	20894	16561	4880	11681	12410	3915	628	3287	1764	2917	637	2280	5873	1677	535	1142	3205	3168	951	2217	83	158	35	123	44229	.47	28396	7666	20730	41.8		12 inches D.B.H.and over.
BLOCK 504		256.6	455.0	711.6	1040	136	24	112	351	60	11	49	2172	229	28	201	9	1	-	1	1298	172	51	121	395	43	8	35	5265	.10	641	122	519	2.0		12 to 18 inches D.B.H.
		256.6	455.0	711.6	209	135	23	112	-	-	-	-	4055	7716	1349	6367	-	-	-	-	1917	1440	413	1027	29	8	1	7	6210	1.21	9299	1786	7513	29.3		18 inches D.B.H.and over
	Total	256.6	455.0	711.6	1249	271	47	224	351	60	11	49	6227	7945	1377	6568	9	1	-	1	3215	1612	464	1148	424	51	9	42	11475	.70	9940	1908	8032	31.3		12 inches D.B.H.and over.
BLOCK 274		18.1	-	18.1	163	14	5	9	661	50	10	40					71	6	2	4	130	9	3	6					1025	.06	79	20	59	3.3		12 to 18 inches D.B.H.
		18.1	-	18.1	170	60	18	42	240	71	14	57	209	198	40	158	111	67	20	47	219	60	18	42	40	18	3	15	989	.36	474	113	361	20.0		18 inches D.B.H.and over.
	Total	18.1	-	18.1	333	74	23	51	901	121	24	97	209	198	40	158	182	73	22	51	349	69	21	48	40	18	3	15	2014	.21	553	133	420	23.3		12 inches D.B.H.and over.
BLOCK 566		116.4	-	116.4	1180	154	44	110	1415	367	68	299	42	5	2	3	1225	105	32	73	210	14	6	8					4072	.12	645	152	493	4.3		12 to 18 inches D.B.H.
		116.4	-	116.4	2330	2055	617	1438	393	273	56	217	263	19	5	14	1100	388	141	247	715	588	176	412	10	5	2	3	4811	.48	3328	997	2331	20.0		18 inches D.B.H.and over.
	Total	116.4	-	116.4	3510	2209	661	1548	1808	640	124	516	305	24	7	17	2325	493	173	320	925	602	182	420	10	5	2	3	8883	.31	3973	1149	2824	24.3		12 inches D.B.H.and over.
BLOCK 263		29.6	52.4	82.0	133	22	2	20	91	15	2	13	330	39	5	34					356	49	14	35	2	1	-	1	912	.11	126	23	103	3.5		12 to 18 inches D.B.H.
		29.6	52.4	82.0	32	29	5	24	-	-	-	-	487	1127	169	958					363	296	89	207	13	4	1	3	895	1.34	1456	264	1192	40.3		18 inches D.B.H.and over.
	Total	29.6	52.4	82.0	165	51	7	44	91	15	2	13	817	1166	174	992					719	345	103	242	15	5	1	4	1807	.72	1582	287	1295	43.8		12 inches D.B.H.and over.
	Total	916.6	801.5	1718.1	7912	1052	226	826	10763	1858	252	1606	2882	299	39	260	4692	475	160	315	2717	372	113	259	397	44	8	36	29363	.11	4100	798	3302	3.6		12 to 18 inches D.B.H.
	Total	916.6	801.5	1718.1	18239	18114	5392	12722	4798	2893	537	2356	6440	11951	2196	9755	3697	1769	570	1199	5696	5424	1608	3816	175	193	42	151	39045	.77	40344	10345	29999	32.7		18 inches D.B.H.and over
GRAND TOTAL.....		916.6	801.5	1718.1	26151	19166	5618	13548	15561	4751	789	3962	9322	12250	2235	10015	8389	2244	730	1514	8413	5796	1721	4075	572	237	50	187	68408	.49	44444	11143	33301	36.3		12 inches D.B.H.and over.

PROJECT INVENTORY, BLOCKS 504, 263, 617, 566, 274.

500-11-48. M.P.

SPECIFY AREA SUMMARIZED ON THIS SHEET BY LOT, LICENSE, ETC., AND LAND DISTRICT IF APPLICABLE BLOCK 617

12 to 18 inches D.B.H.

DATE DECEMBER 19 48.

AREA NUMBER	ACRES OF			HEMLOCK				BALSAM				FIR				CYPRESS				CEDAR				WHITE PINE				TOTAL						REMARKS
	MERCHANTABLE	NON-COMMERCIAL	TOTAL	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	AVERAGE NET PER TREE (M.B.M.)	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	AVERAGE PER ACRE (M.B.M.)	NUMBER CEDAR POLES	
1	12.0	35.2	47.2	1015	114	22	92	30	6	2	4	185	16	3	13													1250	.08	136	27	109	9.0		
2	39.2	0.8	40.0	333	33	7	26	626	176	35	141	20	2	1	1	59	9	3	6	293	45	14	31					1331	.15	265	60	205	5.2		
3	26.8	13.2	40.0	175	38	11	27	349	69	7	62									175	28	8	20					699	.16	135	26	109	4.1		
4		35.0	35.0																																
5		20.0	20.0																																
6	4.8	14.0	18.8	19	3	1	2	86	14	1	13					29	4	1	3									134	.13	21	3	18	3.8		
7 & 8	47.6	-	47.6	190	27	8	19	835	142	14	128					266	43	13	30									1291	.14	212	35	177	3.7		
9&10	47.7	4.0	51.7	167	24	7	17	573	75	8	67									96	14	4	10					836	.11	113	19	94	2.0		
11	19.0	21.0	40.0	66	10	3	7	228	31	4	27					36	5	1	4									330	.11	46	8	38	2.0		
12	17.0	23.0	40.0	341	41	7	34	208	17	3	14					167	23	8	15									716	.09	81	18	63	3.7		
13	40.0	-	40.0	1056	164	33	131	144	21	4	17					21	4	2	2									1221	.12	189	39	150	3.8		
14	32.4	7.6	40.0	97	18	6	12	130	25	2	23					32	6	2	4	26	21	6	15					285	.19	70	16	54	1.7		

PROJECT INVENTORY, BLOCKS 504, 263, 617, 566, 274.

500-11-46. M.P.

SPECIFY AREA SUMMARIZED ON THIS SHEET BY LOT, LICENSE, ETC., AND LAND DISTRICT IF APPLICABLE — BLOCK 617 cont'd

DATE DECEMBER 1948.

12 to 18 inches D.B.H.

AREA NUMBER	ACRES OF			HEMLOCK				BALSAM				FIR				CYPRESS				CEDAR				WHITE PINE				TOTAL						REMARKS
	MERCHANTABLE	NON-COMMERCIAL	TOTAL	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	AVERAGE NET PER TREE (M.B.M.)	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	AVERAGE PER ACRE (M.B.M.)	NUMBER OF CEDAR POLES	
15	22.5	15.4	37.9	179	22	2	20	525	146	15	131	120	7	-	7					120	18	6	12					944	.18	193	23	170	7.6		
16	2.4	19.0	21.4	19	2	-	2	56	16	2	14	13	1	-	1					13	2	1	1					101	.18	21	3	18	7.5		
17	3.6	15.0	18.6	27	5	1	4	104	9	1	8																	131	.09	14	2	12	3.3		
18	8.8	21.8	30.6	66	12	4	8	249	24	5	19					22	3	1	2									337	.09	39	10	29	3.3		
19	13.3	21.0	34.3	222	35	7	28	133	24	2	22																	355	.14	59	9	50	3.8		
20	40.0	1.7	41.7	758	86	9	77	1499	214	21	193					131	20	6	14									2388	.12	320	36	284	7.1		
21	40.0	-	40.0	187	23	2	21	960	139	14	125					735	74	22	52									1880	.11	236	38	198	5.0		
22&23	47.2	4.0	51.2	236	30	9	21	732	102	10	92					1205	120	48	72									2173	.09	252	67	185	3.9		
24&25	15.2	8.2	23.4	167	27	8	19	121	13	1	12					410	33	13	20									693	.07	73	22	51	3.4		
26	18.0	-	18.0	76	12	4	8	341	53	5	48					276	19	6	13									695	.10	84	15	69	3.8		
27	5.2	4.3	9.5					316	50	5	45																	316	.14	50	5	45	8.7		
TOTAL...	495.9	294.1	790.0	5396	726	151	575	8245	1366	161	1205	338	26	4	22	3387	363	126	237	723	128	39	89					18089	.12	2609	481	2128	4.3		

PROJECT INVENTORY, BLOCKS 504, 263, 617, 566, 274.

SPECIFY AREA SUMMARIZED ON THIS SHEET BY LOT, LICENSE, ETC., AND LAND DISTRICT IF APPLICABLE
18 inches D.B.H. and over.

BLOCK 617.

DATE DECEMBER 1948

AREA NUMBER	ACRES OF			HEMLOCK				BALSAM				FIR				CYPRESS				CEDAR				WHITE PINE				TOTAL						REMARKS
	MERCHANTABLE	NON-COMMERCIAL	TOTAL	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	AVERAGE NET PER TREE (M.B.M.)	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	AVERAGE PER ACRE (M.B.M.)	NUMBER PER 16.5 POLES	
1	12.0	35.2	47.2	61	16	3	13	31	13	3	10	308	74	11	63	30	9	3	6									430	.21	112	20	92	7.6		
2	39.2	0.8	40.0	705	757	227	530	549	472	95	377	196	458	68	390	59	25	7	18	803	998	299	699					2312	.87	2710	696	2014	51.4		
3	26.8	13.2	40.0	291	312	94	218	204	154	31	123	87	426	85	341					408	453	136	317					990	1.01	1345	346	999	37.2		
4		35.0	35.0																															
5		20.0	20.0																															
6	4.8	14.0	18.8	96	92	27	65	31	18	4	14	2	4	-	4	48	33	10	23									177	.60	147	41	106	22.1		
7 & 8	47.6	-	47.6	930	914	274	640	310	180	36	144	24	42	8	34	477	327	98	229	24	13	3	10					1765	.60	1476	419	1057	22.2		
9 &10	40.9	13.9	54.8	2300	2372	712	1660	203	109	11	98	20	9	2	7					306	263	79	184					2829	.69	2753	804	1949	47.6		
11	19.0	21.0	40.0	1071	1103	331	772	90	51	5	46	10	4	1	3	142	122	37	85									1313	.69	1280	374	906	47.6		
12	17.0	23.0	40.0	697	772	229	543	185	95	9	86	26	69	14	55	53	16	5	11									961	.72	952	257	695	40.9		
13	40.0		40.0	1094	1518	438	1080	119	205	42	163	48	300	90	210					139	296	89	207					1400	1.19	2319	659	1660	41.5		
14	32.4	7.6	40.0	875	1079	323	756	162	85	13	72	146	337	67	270	32	16	5	11	461	576	173	403					1676	.90	2093	581	1512	46.7		
15	22.5	15.4	37.9	75	89	27	62	219	137	14	123	17	27	3	24					240	343	103	240					551	.81	596	147	449	20.0		

PROJECT INVENTORY, BLOCKS 504, 263, 617, 566, 274.

SPECIFY AREA SUMMARIZED ON THIS SHEET BY LOT, LICENSE, ETC., AND LAND DISTRICT IF APPLICABLE

BLOCK 617 cont'd

DATE DECEMBER 1948.

18 inches D.B.H. and over

AREA NUMBER	ACRES OF			HEMLOCK				BALSAM				FIR				CYPRESS				CEDAR				WHITE PINE				TOTAL						REMARKS
	MERCHANTABLE	NON-COMMERCIAL	TOTAL	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	AVERAGE NET PER TREE (M.B.M.)	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	AVERAGE PER ACRE (M.B.M.)	NUMBER CEDAR POLES	
16	2.4	19.0	21.4	8	10	3	7	22	15	2	13	2	3	1	2					26	37	11	26					58	.83	65	17	48	20.0		
17	3.6	15.0	18.6	9	86	27	59	13	9	4	5	22	36	9	27	23	5	1	4	9	9	4	5					76	1.31	145	45	100	27.8		
18	8.8	21.8	30.6	17	205	61	144	37	17	3	14	59	88	18	70	51	14	4	10	22	13	3	10					186	1.33	337	89	248	28.1		
19	13.3	21.0	34.3	622	792	238	554	311	253	51	202									44	39	12	27					977	.80	1084	301	783	58.9		
20	40.0	1.7	41.7	1479	1790	537	1253	737	331	66	265	9	63	21	42	215	282	85	197									2440	.72	2466	709	1757	44.0		
21	40.0	-	40.0	1680	1388	416	972	480	206	41	165	120	266	53	213	267	150	45	105					13	16	3	13	2560	.55	2026	558	1468	36.7		
22&23	47.2	4.0	51.2	1985	1108	332	776	283	107	21	86	212	472	118	354	307	60	24	36					24	29	6	23	2811	.45	1776	501	1275	27.0		
24&25	15.2	8.2	23.4	715	359	108	251	30	10	2	8	61	66	20	46	441	83	33	50					46	113	26	87	1293	.33	631	189	442	29.1		
26	18.0	-	18.0	568	666	200	466	57	46	9	37	57	147	44	103	341	172	52	120									1023	.71	1031	305	726	40.3		
27	5.2	4.3	9.5	220	407	122	285	92	36	5	31																	312	1.01	443	127	316	60.7		
	495.9	294.1	790.0	15498	15835	4729	11106	4165	2549	467	2082	1426	2891	633	2258	2486	1314	409	905	2482	3040	912	2128	83	158	35	123	26140	.71	25787	7185	18602	37.5		

PROJECT INVENTORY, BLOCKS 504, 263, 617, 566, 274.

500-11-48. M.P.

SPECIFY AREA SUMMARIZED ON THIS SHEET BY LOT, LICENSE, ETC., AND LAND DISTRICT IF APPLICABLE BLOCK 504.

12 to 18 inches D.B.H.

DATE DECEMBER 19 48.

AREA NUMBER	ACRES OF			HEMLOCK				BALSAM				FIR				CYPRESS				CEDAR				WHITE PINE				TOTAL						
	MERCHANTABLE	NON-COMMERCIAL	TOTAL	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	AVERAGE NET VOLUME (M.B.M.)	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	AVERAGE PER ACRE (M.B.M.)	NUMBER OF POLES	REMARKS
1	38.4	7.6	46.0	171	29	3	26	118	20	3	17	428	50	5	45					461	65	19	46	41	6	1	5	1219	.11	170	31	139	3.6		
10	16.0	22.8	38.8	71	13	3	10	50	9	2	7	179	21	2	19					192	28	9	19	17	3	1	2	509	.11	74	17	57	3.6		
11	-	38.4	38.4																															
12	16.0	24.0	40.0	52	8	1	7	15	1	-	1	84	6	1	5					104	11	3	8	15	1	-	1	270	.08	27	5	22	1.4		
12A	5.2	18.4	23.6	23	4	1	3	8	1	-	1	19	1	-	1					29	3	1	2	8	1	-	1	87	.09	10	2	8	1.5		
13	8.8	31.2	40.0	48	6	1	5													6	1	-	1					54	.11	7	1	6	0.7		
14	16.3	23.7	40.0	44	5	1	4	10	1	-	1	45	8	2	6					52	10	3	7					151	.12	24	6	18	.11		
15	11.2	24.8	36.0	88	10	2	8	16	3	1	2	96	13	2	11					45	6	2	4	10	1	-	1	255	.10	33	7	26	2.3		
21	2.8	34.0	36.8	22	2	-	2					24	3	-	3													46	.11	5	-	5	1.8		
22	30.0	10.0	40.0	236	27	6	21	42	8	2	6	259	36	6	30					121	16	5	11	27	3	1	2	685	.10	90	20	70	2.3		
23	23.6	16.4	40.0	55	6	-	6	24	5	1	4	80	14	1	13					86	15	4	11	16	2	-	2	261	.14	42	6	36	1.5		
24	2.8	37.2	40.0	5	1	-	1					41	4	-	4	9	1	-	1	17	2	1	1	49	6	1	5	121	.10	14	2	12	4.3		
27	0.3	39.7	40.0																															

PROJECT INVENTORY, BLOCKS 504, 263, 617, 566, 274

500-11-48. M.P.

SPECIFY AREA SUMMARIZED ON THIS SHEET BY LOT, LICENSE, ETC., AND LAND DISTRICT IF APPLICABLE

BLOCK 504 cont'd.

DATE DECEMBER 19 48.

12 to 18 inches D.B.H.

AREA NUMBER	ACRES OF			HEMLOCK				BALSAM				FIR				CYPRESS				CEDAR				WHITE PINE				TOTAL						REMARKS
	MERCHANTABLE	NON-COMMERCIAL	TOTAL	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	AVERAGE NET PER TREE (M.B.M.)	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	AVERAGE PER ACRE (M.B.M.)	NUMBER CEDAR POLES	
28	18.0	22.0	40.0	108	10	2	8	68	12	2	10	203	29	2	27					27	2	-	2	95	13	2	11	501	.12	66	8	58	3.2		
29	20.8	19.2	40.0	75	10	2	8					105	7	1	6					112	10	3	7	10	1	-	1	302	.07	28	6	22	1.1		
30	18.0	22.0	40.0	15	2	1	1					253	15	2	13					46	3	1	2	38	2	1	1	352	.05	22	5	17	0.9		
33	6.0	32.0	38.0									84	5	1	4													84	.05	5	1	4	0.7		
34	13.6	24.4	38.0	27	3	1	2					192	12	2	10									69	4	1	3	288	.05	19	4	15	1.1		
35	8.8	7.2	16.0									80	5	1	4													80	.05	5	1	4	0.5		
TOTAL...	256.6	455.0	711.6	1040	136	24	112	351	60	11	49	2172	229	28	201	9	1	-	1	1298	172	51	121	395	43	8	35	5265	.10	641	122	519	2.0		

PROJECT INVENTORY, BLOCKS 504, 263, 617, 566, 274.

500-11-48. M.P.

SPECIFY AREA SUMMARIZED ON THIS SHEET BY LOT, LICENSE, ETC., AND LAND DISTRICT IF APPLICABLE

BLOCK 504

DATE DECEMBER 1948.

18 inches D.B.H. and over

AREA NUMBER	ACRES OF			HEMLOCK				BALSAM				FIR				CYPRESS				CEDAR				WHITE PINE				TOTAL						REMARKS
	MERCHANTABLE	NON-COMMERCIAL	TOTAL	NUMBER TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	AVERAGE NET PER TREE (M.B.M.)	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	AVERAGE PER ACRE (M.B.M.)	NUMBER PER POLES	
1	38.4	7.6	46.0	41	38	7	31					630	1468	221	1247					469	383	115	268	18	5	1	4	1158	1.34	1894	344	1550	40.3		
10	16.0	22.8	38.8	17	15	3	12					263	612	92	520					194	159	48	111	8	2	-	2	482	1.34	788	143	645	40.3		
11	-	38.4	38.4																															
12	16.0	24.0	40.0	13	7	1	6					329	283	42	241					107	37	8	29					449	.61	327	51	276	17.2		
12A	5.2	18.4	23.6	5	3	1	2					100	80	12	68					25	7	2	5					130	.57	90	15	75	14.4		
13	8.8	31.2	40.0	39	25	4	21					224	715	179	536					48	48	14	34					311	1.90	788	197	591	67.3		
14	16.3	23.7	40.0	10	5	1	4					273	486	97	389					237	209	61	148					520	1.02	700	159	541	33.2		
15	11.2	24.8	36.0	8	5	1	4					92	371	55	316					119	99	26	73					219	1.79	475	82	393	35.2		
21	2.8	34.0	36.8	2	1	-	1					23	93	14	79					30	25	7	18					55	1.78	119	21	98	35.0		
22	30.0	10.0	40.0	21	13	1	12					245	993	148	845					320	266	70	196					586	1.80	1272	219	1053	35.1		
23	23.6	16.4	40.0	31	10	1	9					316	1035	207	828					241	171	51	120					588	1.62	1216	259	957	40.5		
24	2.8	37.2	40.0									148	126	20	106									3	1	0	1	151	.71	127	20	107	38.2		
27	0.3	39.7	40.0									3	9	2	7													3	2.30	9	2	7	23.3		

PROJECT INVENTORY, BLOCKS 504, 263, 617, 566, 274.

SPECIFY AREA SUMMARIZED ON THIS SHEET BY LOT, LICENSE, ETC., AND LAND DISTRICT IF APPLICABLE
18 inches D.B.H. and over

BLOCK 504 cont'd

DATE DECEMBER 1948

AREA NUMBER	ACRES OF			HEMLOCK				BALSAM				FIR				CYPRESS				CEDAR				WHITE PINE				TOTAL							
	MERCHANTABLE	NON-COMMERCIAL	TOTAL	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	AVERAGE NET PER TREE (M.B.M.)	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	AVERAGE PER ACRE (M.B.M.)	NUMBER PER POLES	REMARKS
28	18.0	22.0	40.0									166	522	104	418					27	18	6	12					193	2.23	540	110	430	23.9		
29	20.8	19.2	40.0	22	13	3	10					434	628	97	531					77	17	5	12					533	1.28	658	105	553	26.6		
30	18.0	22.0	40.0									316	115	23	92					23	1	-	1					339	.27	116	23	93	5.2		
33	6.0	32.0	38.0									105	38	8	30													105	.29	38	8	30	5.1		
34	13.6	24.4	38.0									236	86	17	69													236	.29	86	17	69	5.1		
35	8.8	7.2	16.0									152	56	11	45													152	.30	56	11	45	5.1		
	256.6	455.0	711.6	209	135	23	112					4055	7716	1349	6367					1917	1440	413	1027	29	8	1	7	6210	1.21	9299	1786	7513	29.3		

PROJECT INVENTORY, BLOCKS 504, 263, 617, 566, 274.

SPECIFY AREA SUMMARIZED ON THIS SHEET BY LOT, LICENSE, ETC., AND LAND DISTRICT IF APPLICABLE BLOCK 274, 566, 263

DATE DECEMBER 19 48.

12 to 18 inches D.B.H.

AREA NUMBER	ACRES OF			HEMLOCK				BALSAM				FIR				CYPRESS				CEDAR				WHITE PINE				TOTAL						REMARKS
	MERCHANTABLE	NON-COMMERCIAL	TOTAL	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	AVERAGE NET PER TREE (M.B.M.)	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	AVERAGE PER ACRE (M.B.M.)	NUMBER CEDAR POLES	
BLOCK 274																																		
Total	18.1			163	14	5	9	661	50	10	40					71	6	2	4	130	9	3	6					1025	.06	79	20	59	3.3		
BLOCK 566																																		
Total	116.4			1180	154	44	110	1415	367	68	299	42	5	2	3	1225	105	32	73	210	14	6	8					4072	.12	645	152	493	4.3		
BLOCK 263																																		
2	27.6	14.4	42.0	124	20	2	18	85	14	2	12	308	36	4	32					332	46	13	33					849	.11	116	21	95	3.4		
3	2.0	38.0	40.0	9	2	-	2	6	1	-	1	22	3	1	2					24	3	1	2	2	1	-	1	63	.13	10	2	8	4.0		
	29.6	52.4	82.0	133	22	2	20	91	15	2	13	330	39	5	34					356	49	14	35	2	1	-	1	912	.11	126	23	103	3.5		

Y, BLOCKS 504, 263, 617, 566, 274.

SPECIFY AREA SUMMARIZED ON THIS SHEET BY LOT, LICENSE, ETC., AND LAND DISTRICT IF APPLICABLE

18 inches D.B.H. and over.

BLOCK 274, 566, 263.

DATE DECEMBER 19

HEMLOCK				BALSAM				FIR				CYPRESS				CEDAR				WHITE PINE				TOTAL							
NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	NUMBER OF TREES	AVERAGE NET PER TREE (M.B.M.)	GROSS VOLUME (M.B.M.)	BREAKAGE & CULL (M.B.M.)	NET VOLUME (M.B.M.)	AVERAGE PER ACRE (M.B.M.)	NUMBER CEDAR POLES	REMARKS
														BLOCK 274.																	
170	60	18	42	240	71	14	57	209	198	40	158	111	67	20	47	219	60	18	42	40	18	3	15	989	.36	474	113	361	20.0		
														BLOCK 566.																	
2330	2055	617	1438	393	273	56	217	263	19	5	14	1100	388	141	247	715	588	176	412	10	5	2	3	4811	.48	3328	997	2331	20.6		
														BLOCK 263.																	
0 30	27	5	22					454	1051	158	893					338	276	83	193	13	4	1	3	835	1.33	1358	247	1111	40.3		Based on Tally,
																								60	1.35	98	17	81	40.4		of Forty #1 Block 504.
0 2	2	-	2					33	76	11	65					25	20	6	14												
0 32	29	3	24					487	1127	169	958					363	296	89	207	13	4	1	3	895	1.34	1456	264	1192	40.3		

PROJECT INVENTORY, BLOCKS 504, 263, 617, 566, 274.

SPECIFY AREA SUMMARIZED ON THIS SHEET BY LOT, LICENSE, ETC., AND LAND DISTRICT IF APPLICABLE
18 inches D.B.H. and over.

BLOCK 274, 566, 263.

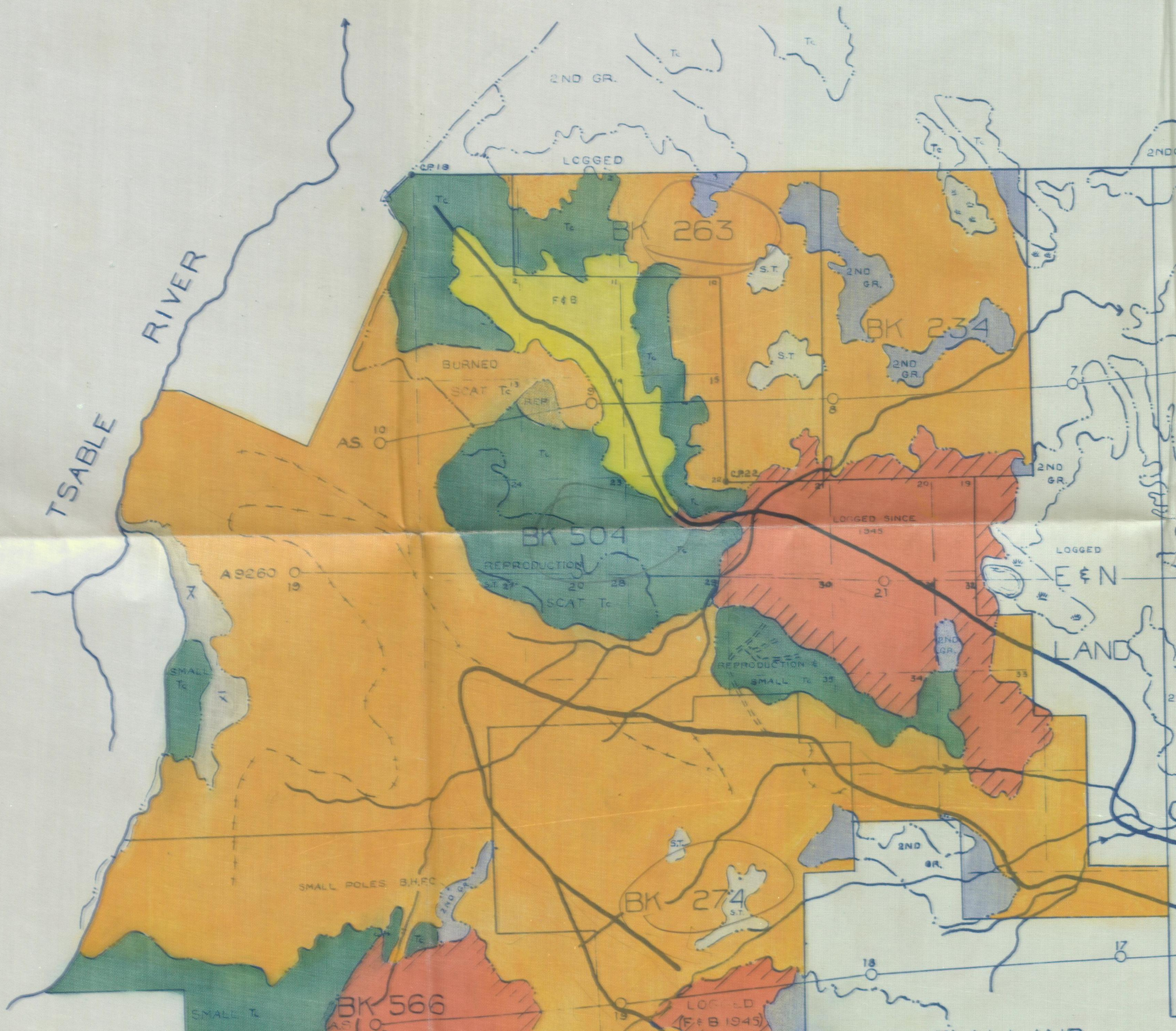
DATE DECEMBER 19

AREA NUMBER	ACRES OF MERCHANTABLE	ACRES OF NON-COMMERCIAL	ACRES OF TOTAL	HEMLOCK NUMBER OF TREES	HEMLOCK GROSS VOLUME (M.B.M.)	HEMLOCK BREAKAGE & CULL (M.B.M.)	HEMLOCK NET VOLUME (M.B.M.)	BALSAM NUMBER OF TREES	BALSAM GROSS VOLUME (M.B.M.)	BALSAM BREAKAGE & CULL (M.B.M.)	BALSAM NET VOLUME (M.B.M.)	FIR NUMBER TREES	FIR GROSS VOLUME (M.B.M.)	FIR BREAKAGE & CULL (M.B.M.)	FIR NET VOLUME (M.B.M.)	CYPRESS NUMBER OF TREES	CYPRESS GROSS VOLUME (M.B.M.)	CYPRESS BREAKAGE & CULL (M.B.M.)	CYPRESS NET VOLUME (M.B.M.)	CEDAR NUMBER OF TREES	CEDAR GROSS VOLUME (M.B.M.)	CEDAR BREAKAGE & CULL (M.B.M.)	CEDAR NET VOLUME (M.B.M.)	WHITE PINE NUMBER OF TREES	WHITE PINE GROSS VOLUME (M.B.M.)	WHITE PINE BREAKAGE & CULL (M.B.M.)	WHITE PINE NET VOLUME (M.B.M.)	TOTAL NUMBER OF TREES	TOTAL AVERAGE NET PER TREE (M.B.M.)	TOTAL GROSS VOLUME (M.B.M.)	TOTAL BREAKAGE & CULL (M.B.M.)	TOTAL NET VOLUME (M.B.M.)	AVERAGE PER ACRE (M.B.M.)	NUMBER CEDAR POLES	REMARKS
BLOCK 274.																																			
Total	18.1			170	60	18	42	240	71	14	57	209	198	40	158	111	67	20	47	219	60	18	42	40	18	3	15	989	.36	474	113	361	20.0		
BLOCK 566.																																			
Total	116.4			2330	2055	617	1438	393	273	56	217	263	19	5	14	1100	388	141	247	715	588	176	412	10	5	2	3	4811	.48	3328	997	2331	20.0		
BLOCK 263.																																			
2	27.6	14.4	42.0	30	27	5	22					454	1051	158	893					338	276	83	193	13	4	1	3	835	1.33	1358	247	1111	40.3		Based on Tally,
3	2.0	38.0	40.0	2	2	-	2					33	76	11	65					25	20	6	14					60	1.35	98	17	81	40.4		Block 504.
TOTAL...	29.6	52.4	82.0	32	29	3	24					487	1127	169	958					363	296	89	207	13	4	1	3	895	1.34	1456	264	1192	40.3		

INV

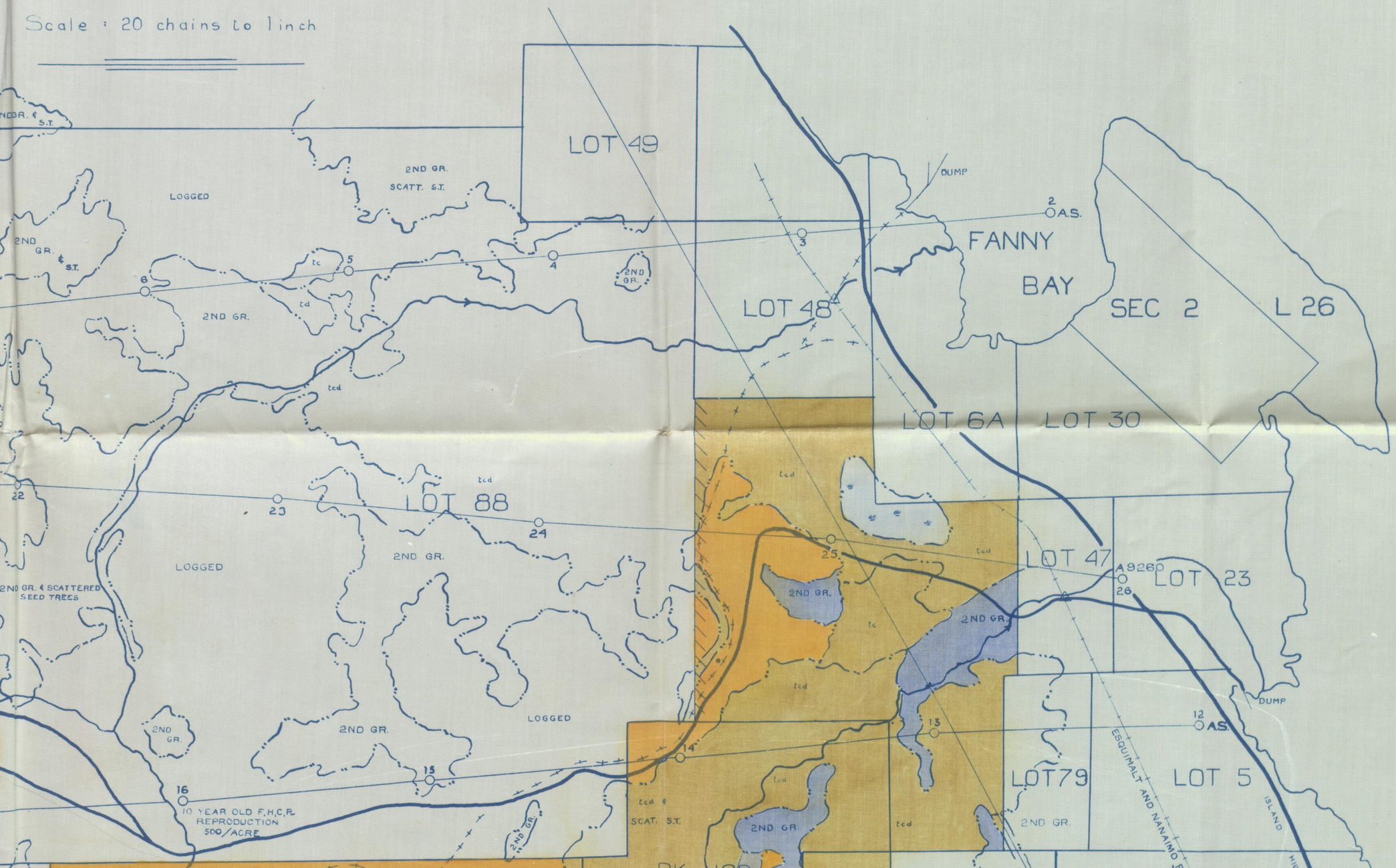
BLOC

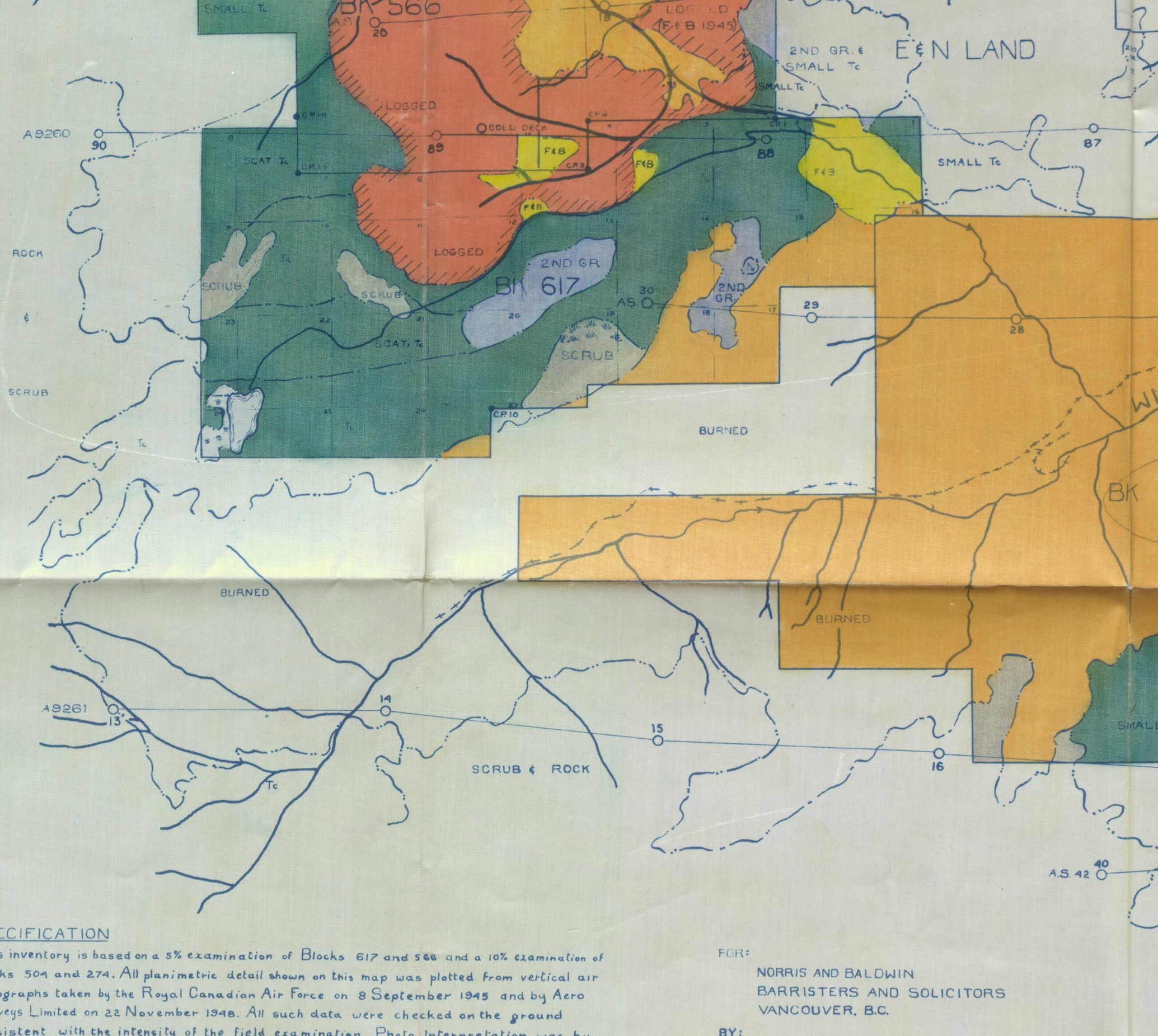
267, 274, 2



VENTORY OF TIMBER
in
CKS 198, 234, 256, 263,
276, 504, 566, 617, and LOT 88
NEWCASTLE DISTRICT

Scale : 20 chains to 1 inch





SPECIFICATION

This inventory is based on a 5% examination of Blocks 617 and 568 and a 10% examination of Blocks 504 and 274. All planimetric detail shown on this map was plotted from vertical air photographs taken by the Royal Canadian Air Force on 8 September 1945 and by Aero Surveys Limited on 22 November 1948. All such data were checked on the ground consistent with the intensity of the field examination. Photo interpretation was by C.D. Schultz and Company Limited. Planimetric mapping was by Aero Surveys Limited. Horizontal control, in the field, was by box compass and topographic chain. All field examination strips were tied to official land survey corner posts in the field.

FOR:

NORRIS AND BALDWIN
BARRISTERS AND SOLICITORS
VANCOUVER, B.C.

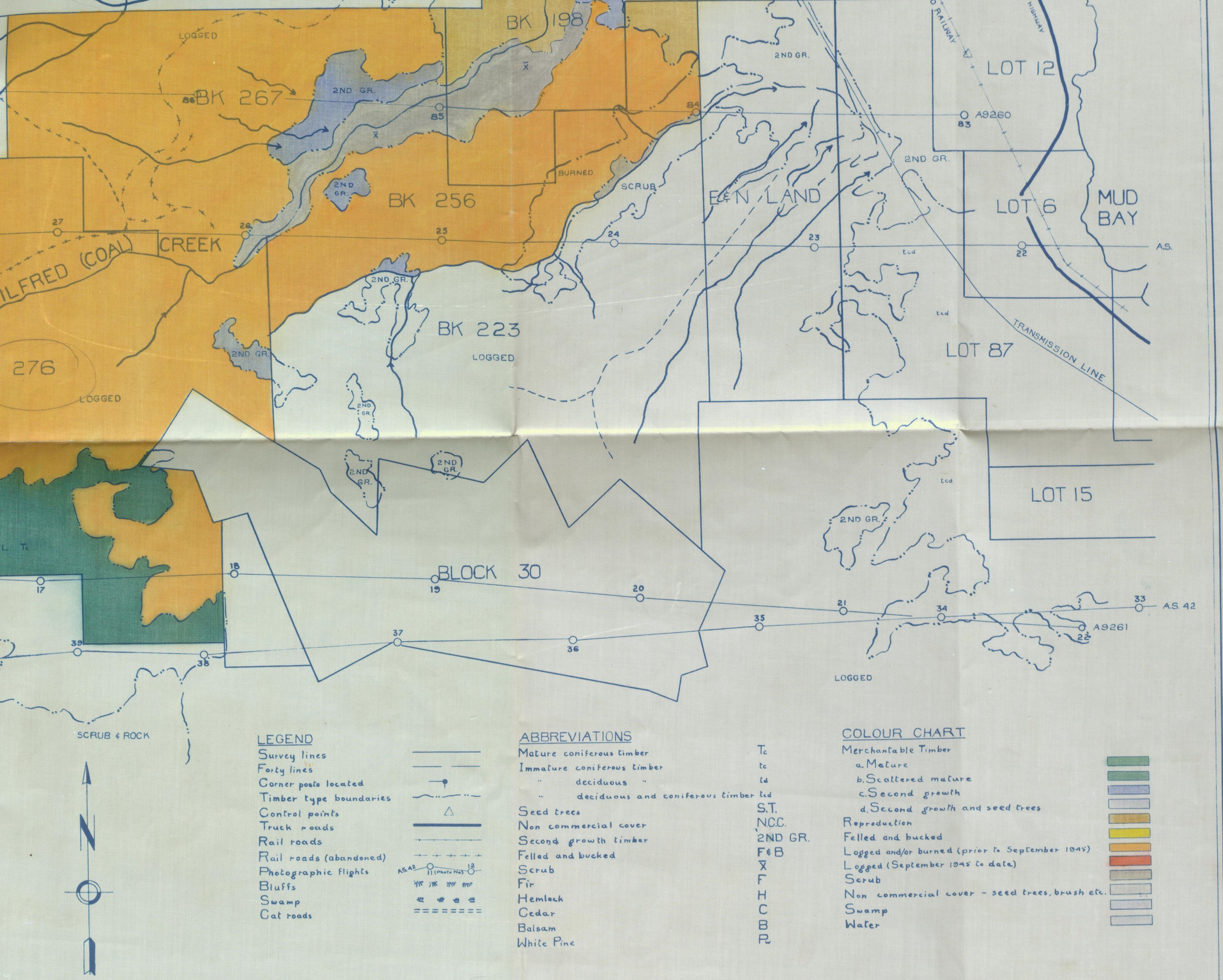
BY:

C.D.SCHULTZ AND COMPANY LIMITED
FORESTERS AND FOREST ENGINEERS
VANCOUVER, B.C.

David R. Bakewell
D.R. BAKEWELL

C.W. Walker
C.W. WALKER

C. D. Schultz
C.D.SCHULTZ



LEGEND

- Survey lines
- Forty lines
- Corner posts located
- Timber type boundaries
- Control points
- Truck roads
- Rail roads
- Rail roads (abandoned)
- Photographic flights (A.S. 42, 11 (Photo No.), 12)
- Bluffs
- Swamp
- Cat roads

ABBREVIATIONS

Mature coniferous timber	Tc
Immature coniferous timber	tc
" deciduous "	td
" deciduous and coniferous timber	tcd
Seed trees	S.T.
Non commercial cover	N.C.C.
Second growth timber	2ND GR.
Felled and bucked	F&B
Scrub	$\bar{X}$
Fir	F
Hemlock	H
Cedar	C
Balsam	B
White Pine	Pw

COLOUR CHART

Merchantable Timber
- a. Mature
- b. Scattered mature
- c. Second growth
- d. Second growth and seed trees

Reproduction
Felled and bucked
Logged and/or burned (prior to September 1945)
Logged (September 1945 to date)
Scrub
Non commercial cover - seed trees, brush etc.
Swamp
Water

	NAME	DATE
DRAWN BY	D.R.B.	DEC. 48
TRACED BY	J.N.B.	" "
CHECKED BY	C.W.W.	" "
COLOURED BY	J.N.B.	JAN 49