



MADE IN



CANADA

THE CANADIAN LINE

THIS BOOK IS

SERIES No. 1230

SIZE 12¼ x 10 INCHES

MADE IN THE FOLLOWING RULINGS

2 COLUMNS TO RIGHT

3	"	"
4	"	"
5	"	"
6	"	"
7	"	"
8	"	"
10	"	"
12	"	"
14	"	"
16	"	"
18	"	"
20	"	"

FEINT

 QUADRILLE

MADE ONLY IN 150 PAGE THICKNESS

TO OBTAIN A DUPLICATE OF THIS BOOK

ORDER NO. 1230

SPECIFYING RULING AND THICKNESS

Thawing Writeoff

Block #71 $\frac{5615}{4656} \frac{2850}{6891} \frac{959}{959}$ $959 \times \frac{17.52}{3} \times 15.7 = 88182$ cu. yds.

1948 Thaw Block #74 $\frac{1635}{1544} \frac{1724}{1635} \frac{89}{89}$ $90 \times \frac{17.57}{3} \times 15.0 = 7905$ cu. yds.

Total = 96087 cu. yds.

Stripping Writeoff

XCS 0-1B = $\frac{1}{10}$ Remainder = 2581 cu. yds.

1B-2B = $\frac{1}{3}$ ✓ = 9407 ✓ ✓

2B-3B = $\frac{1}{3}$ ✓ = 8422 ✓ ✓

3B-4B = $\frac{1}{3}$ ✓ = 7642 ✓ ✓

4B-5B = $\frac{1}{3}$ ✓ = 6968 ✓ ✓

5B-6B = $\frac{1}{6}$ ✓ = 3138 ✓ ✓

Total 38158 cu. yds.

Scale 1"=100'

Dredge No. 7

Aug. 1948 ³

Factor 17.57=sq. yds.

Vernier @ 34

Dredge operated 31 days

✓ dug 686 hrs 15 min. = 28.59 days = 92.24%

✓ lost 57 ✓ 45 ✓ = 2.41 ✓ = 7.76%

Avg. Hgt. Bank = 1.8 Ft. ✓

✓ Depth = 15.0 ✓

Total ✓ = 16.8 ✓

Surface $\frac{2154}{882} \quad \frac{3038}{884}$

883 x 17.57 = 15514 sq. yds

Bedrock $\frac{3253}{831} \quad \frac{4090}{837}$

834 x 17.57 = 14653 sq. yds.

2 | 30167

Avg. Area = 15084 sq. yds.

✓ $\frac{5028}{15084} \times 16.8 = 84470$ ✓ cu. yds.

$\frac{84470}{31} = 2725$ ✓ cu. yds. per day Elapsed time

$\frac{84470}{28.59} = 2955$ ✓ " " " " running ✓

Pond Elev. = 991.5 ✓

Claims Dredged = 45-46

Surface Area = 3.21 Acres. ✓

Avg. Length Cut = 470' ✓

✓ Width ✓ = 280' ✓

$\frac{15514}{9}$
139626 ✓

$\frac{14653}{9}$
131877 ✓

$\frac{15084}{9}$
135756 ✓

Thawing Writeoff

Block # 69 ✓ Remainder = 6214 ✓ cu. yds.

Block # 71 ✓ - = 43395 ✓ cu. yds.

1948 Thaw Block # 74 ✓
(15.0) $\frac{1235}{0872} \quad \frac{1599}{1235} \quad 364 \times 12.57 \times 15.0 = 31975 \quad \checkmark \quad \text{cu. yds}$

Total = 81584 ✓ cu. yds.

Stripping Writeoff

X² 0-1B = 1/5 ✓ Remainder = 4646 ✓ cu. yds.

X² 1B-2B = 1/4 ✓ ✓ = 4704 ✓ ✓

X² 2B-3B = 1/4 ✓ ✓ = 4211 ✓ ✓

X² 3B-4B = 1/4 ✓ ✓ = 3821 ✓ ✓

X² 4B-5B = 1/4 ✓ ✓ = 3484 ✓ ✓

X² 5B-6B = 1/3 ✓ ✓ = 5229 ✓ ✓

X² 6B-7B = 1/3 ✓ ✓ = 6459 ✓ ✓

Total = 32554 ✓ ✓

Dredge No. 17

Sept/48⁵

Dredge operated 30 days

✓ dug 672 hrs. 25 min = 28.02 days = 93.39%

✓ lost 47 hrs. 35 min = 1.98 = 6.61%

Avg. Hgt. Bank = 4.1' F.F.

✓ Depth = 13.1' ✓

Total ✓ = 17.2' ✓

Surface

$$\begin{array}{r} 0697 \\ 9813 \\ \hline 884 \end{array} \quad \begin{array}{r} 1579 \\ 0697 \\ \hline 882 \end{array}$$

883 X 17.57 = 15514 ✓ sq. yds.

Bedrock

$$\begin{array}{r} 2459 \\ 1598 \\ \hline 861 \end{array} \quad \begin{array}{r} 3317 \\ 2459 \\ \hline 858 \end{array}$$

860 X 17.57 = 15110 ✓ sq. yds.

21 30624

Avg. Area = 15312 ✓ sq. yds.

$$\begin{array}{r} \sqrt{104} \\ 15312 \times 17.2 \\ \hline 3 \end{array} = 87789 \text{ cu. yds.}$$

$$\begin{array}{r} 87789 \\ 30 \\ \hline \end{array} = 2926 \text{ cu. yds. per day elapsed time}$$

$$\begin{array}{r} 87789 \\ 28.02 \\ \hline \end{array} = 3133 \text{ cu. yds. per day running time}$$

Pond Elev. = 990.2 ✓

Claims Dredged = 45.46 ✓

Surface Area = 3.21 Acres ✓

Avg. Width Cut = 150'

✓ Length ✓ = 800'

15514	15110	15312
9	9	9
139626 ✓	135990 ✓	137808 ✓

Thawing Writeoff

Unit #72 (16.3)	7168 6961 207	7373 7168 205	$\frac{206}{3} \times 17.57 \times 16.3 = 19665$	cu. yds.
1948 Thaw Unit #73 (16.3)	2297 1828 469	2770 2297 473	$\frac{157}{31} \times 17.57 \times 16.3 = 44963$	cu. yds.
1948 Thaw Unit #74 (15.0)	1802 1776 26	1828 1802 26	$\frac{26}{31} \times 17.57 \times 15.0 = 2284$	cu. yds.
1948 Thaw Unit #75 (16.0)	6110 6005 105	6213 6110 103	$\frac{104}{3} \times 17.57 \times 16.0 = 9745$	cu. yds.
			Total = 76657	cu. yds.

Stripping Writeoff

X ² 0-1B	=	1/5	Remainder	=	3717	✓	Cu. Yds
X ² 1B-2B	=	1/4		=	3528	✓	
X ² 2B-3B	=	1/4		=	3158	✓	
X ² 3B-4B	=	1/4		=	2865	✓	
X ² 4B-5B	=	1/2		=	5225	✓	
X ² 5B-6B	=	2/3		=	6972	✓	
X ² 6B-7B	=	1/3		=	4306	✓	
Total				=	29771	✓	

Dredge No. 7

Oct. 1948

Dredge operated 31 days

$$\begin{array}{l} \checkmark \text{ dug } 684 \text{ hrs. } 0 \text{ min} = 28.50 \text{ days} = 91.94070 \\ \checkmark \text{ lost } 60 \checkmark \checkmark 0 \checkmark = 2.50 \checkmark = 8.0670 \end{array}$$

Avg. Hgt. Bank = 2.8 Ft. ✓

Depth = 13.7 ✓

Total = 16.5 ✓

Surface $\frac{1064}{0207} \quad \frac{1910}{1064}$ $851 \times 17.57 = \frac{1495}{15040}$ Sq. Yds.

$\frac{857}{846}$

Bedrock $\frac{2768}{1939} \quad \frac{3592}{2768}$ $826 \times 17.57 = \frac{14513}{2) 29465}$

$\frac{829}{824}$

Avg. Area: 14733 Sq. Yds.

$$\frac{14733}{14772} \times \frac{5.5}{16.5} = \frac{81031}{81246} \text{ Cu. Yds.}$$

$\frac{31}{31}$

$$\frac{81031}{81246} = \frac{2614}{2621} \text{ Cu. Yds. per day elapsed time}$$

$\frac{31}{31}$

$$\frac{81031}{81246} = \frac{2843}{2851} \text{ Cu. Yds. per day running time}$$

$\frac{28.50}{28.50}$

Pond Elev. - 987.8

Claims Dredged - 45 & 46 ✓

Surface Area - 3.09 Acres

Avg. Width Cut - 150 Ft. ✓

✓ Length - 850 Ft. ✓

$$\begin{array}{r} 1495 \\ 15040 \\ \hline 9 \\ 135360 \\ 134568 \end{array}$$

$$\begin{array}{r} 14513 \\ 9 \\ \hline 130617 \end{array}$$

$$\begin{array}{r} 14733 \\ 14772 \\ \hline 9 \\ 132948 \\ 132597 \end{array}$$

Thawing Writeoff

1948 Block 73 - Area: same as dredged = $\frac{738}{3} \times 16.3 = 12029 \text{ Cu. Yds.}$ ✓

Stripping Writeoff

4B-1B - $\frac{1}{4}$ Remainder

= 1307 Cu. Yds. ✓

3B-4B - $\frac{1}{2}$ ✓

= $\frac{4298}{2} = 2149$ ✓ ✓
 5605 ✓ ✓

Dredge N: 7

November 1948
Shut down for Season Nov. 7-8 AM.

Dredge operated 6 days

✓ dug 131 hrs. 10 min = 5.47 days = 91.09 %

✓ lost 12' 50' = 0.53 = 8.91 %

✓ Avg Hgt Bank = 5.25 ft.

✓ Depth = 13.3

✓ Total = 18.5

$$\begin{array}{r} \text{Surface} - \begin{array}{r} 3651 \\ 3544 \\ \hline 106 \end{array} \begin{array}{r} 3925 \\ 3799 \\ \hline 126 \end{array} \begin{array}{r} 3799 \\ 3673 \\ \hline 126 \end{array} \end{array}$$

$$126 \times 17.57 = 2214.39 \text{ Yds.}$$

$$\begin{array}{r} \text{Bedrock} - \begin{array}{r} 4049 \\ 3930 \\ \hline 119 \end{array} \begin{array}{r} 4351 \\ 4238 \\ \hline 117 \end{array} \begin{array}{r} 4238 \\ 4049 \\ \hline 189 \end{array} \end{array}$$

$$118 \times 17.57 = 2073.14$$

$$\text{Avg Area} = 2143$$

$$2143 \times \frac{18.5}{3} = 13215 \text{ Cu. Yds}$$

$$\frac{13215}{6} = 2203 \text{ Cu. Yds per day elapsed time.}$$

$$\frac{13215}{5.47} = 2416 \text{ - running } \checkmark$$

Pond Elev 987.8

Claims dredged 44-46 Quartz.

Surface Area = 0.46 Acres

Avg width - 150'

Length - 120'

$$\begin{array}{r} 2214 \\ 9 \\ \hline 19926 \end{array}$$

$$\begin{array}{r} 2073 \\ 9 \\ \hline 18657 \end{array}$$

$$\begin{array}{r} 2143 \\ 9 \\ \hline 19287 \end{array}$$

Thawing Writeoff

$$\begin{array}{r} \text{Block 70} \\ (10.9) \end{array} \quad \begin{array}{r} 4607 \\ 4322 \\ \hline 285 \end{array} \quad \begin{array}{r} 4893 \\ 4607 \\ \hline 286 \end{array} \quad 286 \times 17.57 \times 16.9 = 28304 \text{ Cu Yds.}$$

$$\begin{array}{r} \checkmark 72 \\ (16.3) \end{array} \quad \begin{array}{r} 4275 \\ 3970 \\ \hline 305 \end{array} \quad \begin{array}{r} 4582 \\ 4275 \\ \hline 307 \end{array} \quad 306 \times 17.57 \times 16.3 = 29213 \quad \checkmark$$

$$\begin{array}{r} \checkmark 73 \\ (16.3) \end{array} \quad \begin{array}{r} 4630 \\ 4582 \\ \hline 48 \end{array} \quad \begin{array}{r} 4679 \\ 4630 \\ \hline 49 \end{array} \quad 48 \times 17.57 \times 16.3 = 4582 \quad \checkmark$$

$$\text{Total} = 62099 \quad \checkmark$$

Stripping Writeoff

$$X^2 \quad 1-2 \quad - \quad \frac{1}{2} \text{ Remainder} \quad = \quad 8694 \text{ Cu Yds.}$$

$$0-1 \quad - \quad \checkmark \quad = \quad 11044 \quad \checkmark$$

$$0-1B \quad - \quad \checkmark \quad = \quad 7433 \quad \checkmark$$

$$1B-2B \quad - \quad \checkmark \quad = \quad 5291 \quad \checkmark$$

$$2B-3B \quad - \quad \checkmark \quad = \quad 4738 \quad \checkmark$$

$$\text{Total} = 37200 \quad \checkmark$$

Ditch - May 1949 - Started May 1 - 8 AM.
(Started to dig ice Apr. 27)

Dredge operated 31 days.

✓ dug 695 hrs. 35 min = 28.98 days = 93.49 %

✓ lost 48 - 25 ✓ = 2.02 ✓ = 6.51 %

Avg Hgt. Bank = 5.5 Ft.

Depth = 14. ✓

Total ✓ = 19.7 ✓

$$\text{Surface} \quad \begin{array}{r} 1947 \\ 1307 \\ \hline 640 \end{array} \quad \begin{array}{r} 2597 \\ 1947 \\ \hline 650 \end{array} \quad 645 \times 17.57 = 11333 \text{ Sq. Yds.}$$

$$\text{Bedrock} \quad \begin{array}{r} 3236 \\ 2590 \\ \hline 646 \end{array} \quad \begin{array}{r} 3890 \\ 3236 \\ \hline 654 \end{array} \quad 650 \times 17.57 = \begin{array}{r} 11421 \\ \hline 22754 \end{array} \quad \checkmark$$

Avg Area = 11377 ✓

$$\frac{11377 \times 19.7}{3} = 74709 \text{ Cu. Yds.}$$

$$\frac{74709}{31} = 2410 \text{ Cu. Yds. per day elapsed time}$$

$$\frac{74709}{28.98} = 2578 \quad \checkmark \quad \checkmark \quad \checkmark \text{ running} \quad \checkmark$$

Pond Elev. = 994.7
Claims dredged = 44-45 Quartz.
Avg Width cut = 200 Ft.
Length = 480 ✓
Surface Area = 2.34 Acres

$$\begin{array}{r} 11333 \\ 9 \\ \hline 101997 \end{array} \quad \begin{array}{r} 11421 \\ 9 \\ \hline 102789 \end{array} \quad \begin{array}{r} 11377 \\ 9 \\ \hline 102393 \end{array}$$

Thawing Writeoff

Block #40

Remainder

= 77006 Cu Yds.

#42

✓

= 28094

✓

#43

(16.3)

$$\begin{array}{r} 2755 \\ 2651 \\ \hline 104 \end{array}$$

$$\begin{array}{r} 2859 \\ 2755 \\ \hline 104 \end{array}$$

$$104 \times 17.57 \times 16.3 = \frac{9927}{3}$$

Total = 115027

Stripping Writeoff

X¹²

4-3 =

Remainder

5058 Cu Yds.

3-2 =

✓

=

13860

✓

2-1 =

✓

=

8694

✓

1-0 =

✓

=

11044

✓

0-1A =

✓

=

7433

✓

1A-2A =

✓

=

5292

✓

2A-3A =

✓

=

4737

✓

3A-4A =

1/2

✓

=

2150

✓

Total = 58268

✓

Dredge No 7

June 1949

Dredge operated 30 days

✓ dug 667 hrs 10 min. = 27.80 days = 92.66%

lost 52 ✓ 50 ✓ = 2.20 ✓ = 7.34%

Avg. Hgt. Bank = 5.0 Ft.

✓ Depth = 14.4 ✓

Total ✓ = 19.4 ✓

Surface

2450	4574
1397	3517
1053	1057

1055 X 17.57 = 18536 Sq Yds.

Bedrock

5965	4035
4905	5965
1060	1070

1065 X 17.57 = 18712 ✓

✓ 37248

Avg Area = 18624.

6208

$$\frac{18624 \times 19.4}{3} = 120431 \text{ Cu Yds.}$$

$$\frac{120431}{30} = 4015 \text{ Cu Yds. per day elapsed time}$$

$$\frac{120431}{27.80} = 4332$$

- running -

Pond Elev. = 990.4

Claims Dredged = 44-45 Quartz

Avg. Width Cut = 185 Ft.

✓ Length ✓ = 860 Ft.

Surface Area = 3.83 Acres.

18536	18712	18624
9	9	9
166824	168408	167616

Thawing Writeoff

Block # 73 ✓

Remainder

✓✓✓✓✓ C.Ys.

74 ✓
(15.0) $\frac{6327}{6136}$
191 ✓ $\frac{6518}{6327}$
191 ✓

$$191 \times 17.57 \times 15.0 = 16788 \text{ cu yds}$$

75 ✓
(16.0) $\frac{6705}{6143}$
562 ✓ $\frac{7267}{6705}$
562 ✓

$$562 \times 17.57 \times 16.0 = 52640 \text{ ✓ ✓}$$

Total 94993 ✓ ✓

Stripping Writeoff

X¹²

3A-4A = ✓

Remainder

= 2149 cu. yds.

4A-5A = ✓

✓

= 3919 ✓ ✓

5A-6A = ✓

✓

= 3487 ✓ ✓

6A-7A = 4/5 ✓

✓

= 6888 ✓ ✓

7A-8A = 2/3 ✓

✓

= 11876 ✓ ✓

8A-9A = 1/3 ✓

✓

= 5221 ✓ ✓

Total = 33540 ✓ ✓

Dredge operated 31 days

✓ dug. 683 hrs. 25 min. = 28.48 days = 91.86% ✓

✓ lost 60 ✓ 35 ✓ = 2.52 ✓ = 8.14% ✓

Avg. Hgt. Bank = 3.1 Ft.

✓ Depth = 13.9 ✓

Total ✓ = 17.0 ✓

Surface

$$\frac{2592}{1070} \quad \frac{3665}{2592} \quad \frac{1072}{1073}$$

$$1072 \times 17.57 = 18835 \text{ sq. yds.}$$

Bedrock

$$\frac{4718}{3656} \quad \frac{5186}{4718} \quad \frac{1062}{1068}$$

$$1065 \times 17.57 = 18713 \quad \checkmark \quad \checkmark$$

$$\checkmark (37548)$$

$$\text{Avg. Freq.} = 18774 \quad \checkmark \quad \checkmark$$

L 258

$$\frac{18774 \times 17.0}{3} = 106386 \text{ Cu Yds.}$$

$$\frac{106386}{31} = 3432 \text{ Cu Yds. per day elapsed time}$$

$$\frac{106386}{28.48} = 3735 \quad \checkmark \quad \checkmark \quad \text{running} \quad \checkmark$$

Pond Elev. = 985.8

Claims dredged = 45.46 Quartz ✓

Surface Area = 3.89 Acres.

Avg. Width Cut = 190 Ft.

✓ Length ✓ = 850 ✓

$$\frac{18835}{9}$$

$$169515$$

$$\frac{18713}{9}$$

$$168417$$

$$\frac{18774}{9}$$

$$168966$$

Thawing Writeoff

Block #74 ✓

Remainder

= 27988 ✓ cu. yds.

75 ✓

= 20047 ✓ cu. yds.

- 76
- (15.0)
$$\begin{array}{r} 2060 \\ 1545 \\ \hline 515 \end{array}$$

$$\begin{array}{r} 2580 \\ 2060 \\ \hline 520 \end{array}$$

$$518 \times 17.57 \times 15.0$$

= 45505 ✓ cu. yds.

- 77
- (16.5)
$$\begin{array}{r} 2954 \\ 2603 \\ \hline 351 \end{array}$$

$$\begin{array}{r} 3304 \\ 2954 \\ \hline 350 \end{array}$$

$$351 \times 17.57 \times 16.5$$

= 33919 ✓ ✓

Total = 127459 ✓ ✓

Stripping Writeoff

X¹²

- 6B-7B

Remainder

= 1724 ✓ cu. yds

- 7B-8B

✓

= 5939 ✓ -

- 8B-9B

✓

= 10442 ✓ -

- 9B-10B

✓

= 16719 ✓ -

✓ 10B-11B 1/2

✓

= 7013 ✓ -

Total = 41837 ✓ ✓

Dredge No 7

Aug/49 17

Dredge operated 31 days

✓ dug 690 hrs. 10 mins. = 28.76 days = 92.76%

✓ lost 53 ✓ 50 ✓ = 2.24 ✓ = 7.24%

Avg Hgt bank = 2.1 Ft.

✓ Depth = 13.6 ✓

Total ✓ = 15.7 ✓

Surface

3786
2762
1024 ✓4815
3786
1029 ✓

1027 X 17.57 = 18044 sq. yds

Bedrock

5803
4795
1008 ✓6816
5803
1013 ✓

1010 X 17.57 = 17746 ✓

2 35790 ✓

Avg. Area = 17895 ✓

5965 ✓
17895 X 15.7 = 93651 cu. yds.
3 ✓ $\frac{93651}{31} = 3021$ cu. yds. per day elapsed time $\frac{93651}{28.76} = 3256$ - - - running ✓

Pond Elev. = 985.9' ✓

Claims dredged: 46-47 Quartz ✓

Surface Area = 3.73 Acres. ✓

Avg. Width Cut = 190' ✓

✓ Length = 900' ✓

18044	17746	17895
9	9	9
162396 ✓	159714 ✓	161055 ✓

Thawing Writeoff

Block N^o 76

Remainder

30020 Cu.Yds.

$$N^o \ 77 \quad \begin{array}{r} 1961 \\ 1605 \\ \hline 356 \end{array} \quad \begin{array}{r} 2317 \\ 1961 \\ \hline 356 \end{array}$$

$$356 \times 17.57 \times 16.5 = 34402 \text{ cu.yds.}$$

$$N^o \ 78 \quad \begin{array}{r} 1985 \\ 1632 \\ \hline 253 \end{array} \quad \begin{array}{r} 2140 \\ 1885 \\ \hline 255 \end{array}$$

$$254 \times 17.57 \times 15.0 = 22310$$

$$\text{Total} = 8673 \checkmark \checkmark \checkmark$$

Stripping Writeoff

X^{os} 10B-11B

Remainder

$$= 7013 \text{ cu.yds.}$$

11B-12B ✓

✓

$$= 13441 \checkmark \checkmark$$

12B-13B 1/2

✓

$$= 9535 \checkmark \checkmark$$

$$\text{Total} = 29989 \checkmark \checkmark \checkmark$$

Dredge No 7

Sept 14 1919

Dredge operated 30 days

✓ dug 666 hrs. 30 min. = 27.78 days. = 92.62%

✓ lost 53 ✓ 30 ✓ = 2.22 ✓ = 7.38%

Avg Hgt. Bank = 1.8 Ft. ✓

✓ Depth = 13.3 ✓

Total ✓ = 15.1 ✓

Surface $\begin{array}{r} 2018 \\ 1171 \\ \hline 847 \end{array}$ $\begin{array}{r} 2864 \\ 2018 \\ \hline 846 \end{array}$ $847 \times 17.57 = 14882$ sq. yds.

Bedrock $\begin{array}{r} 3691 \\ 2058 \\ \hline 839 \end{array}$ $\begin{array}{r} 4517 \\ 3687 \\ \hline 820 \end{array}$ $\begin{array}{r} 5345 \\ 4517 \\ \hline 828 \end{array}$ $\begin{array}{r} 6174 \\ 5345 \\ \hline 829 \end{array}$ $829 \times 17.57 = 14566$ ✓
 2×29448
 Avg. Area = 14728 ✓

$\frac{14728 \times 15.1}{3} = 74131$ Cu. Yds.

$\frac{74131}{30} = 2471$ Cu. Yds. per day elapsed time.

$\frac{74131}{27.78} = 2669$ ✓ running ✓

Pond Elev. = 982.8
 Claims Dredged: 47 Quartz ✓
 Surface Area = 3.07 Acres
 Avg Width Cut = 180 Ft.
 ✓ Length ✓ = 760 ✓

$\begin{array}{r} 14882 \\ 9 \\ \hline 133938 \end{array}$ $\begin{array}{r} 14566 \\ 9 \\ \hline 131094 \end{array}$ $\begin{array}{r} 14728 \\ 9 \\ \hline 132552 \end{array}$

Thawing Whiteoak

Block No 77

Remainder

= 18914 Cu Yds

✓ ✓ 78

✓

= 5350

✓ ✓ 79
(14.1)
$$\begin{array}{r} 4873 \\ 4730 \\ \hline 143 \end{array}$$

$$\begin{array}{r} 5023 \\ 4873 \\ \hline 150 \end{array}$$

$$\begin{array}{r} 49 \\ 1476 \times 17.57 \times 14.1 \\ \hline 3 \end{array}$$

= 12152

Total

= 36416

Stripping Whiteoak

X 12 12-13-

13-14-

14-15- $\frac{1}{3}$ 15-16- $\frac{1}{6}$

Remainder

✓

✓

✓

=

=

=

=

= 9535 Cu Yds

= 21137

= 522

= 1805

Total

= 37699

Dredge No 7

Oct. 1942

Dredge operated 31 days

✓ dug 677 hrs. 45 min. = 28.24 days = 91.16 ft

✓ lost 66 - 15 - = 2.76 ✓ = 8.90 ft

Avg. Hgt. Bank = 2.4 Ft.

✓ Depth = 12.8 ✓

Total ✓ = 15.2 ✓

Surface

$$\begin{array}{r} 2297 \\ 1529 \\ \hline 768 \end{array} \quad \begin{array}{r} 3056 \\ 2297 \\ \hline 759 \end{array}$$

165 x 17.57 =

13441 Sq. Yds.

Bedrock

$$\begin{array}{r} 3812 \\ 3057 \\ \hline 755 \end{array} \quad \begin{array}{r} 4561 \\ 3812 \\ \hline 749 \end{array}$$

152 x 17.57 =

$$\begin{array}{r} 13213 \\ 2 \overline{) 26426} \\ \underline{13327} \end{array}$$

Avg. Area =

$$\frac{13327 \times 15.2}{3} = 67523 \text{ Cu Yds.}$$

$$\frac{67523}{31} = 2178 \text{ Cu. Yds. per day elapsed time}$$

$$\frac{67523}{28.24} = 2391 \quad \checkmark \quad \text{— running —}$$

Pond Elev. = 981.0

Claims Dredged: 47.48 Quartz

Surface Area = 2.78 Acres.

Avg Width Cut = 180 Ft

✓ Length - = 660 ✓

$$\begin{array}{r} 13441 \\ 9 \\ \hline 120969 \end{array}$$

$$\begin{array}{r} 13213 \\ 9 \\ \hline 118917 \end{array}$$

$$\begin{array}{r} 13327 \\ 9 \\ \hline 119943 \end{array}$$

Thawing WriteoffBlock 79
(14.1)

$$\begin{array}{r} 4941 \\ 4809 \\ \hline 132 \end{array}$$

$$\begin{array}{r} 5076 \\ 4941 \\ \hline 135 \end{array}$$

$$\frac{134 \times 17.57 \times 4.7}{3} = 11068 \text{ Cuyds.}$$

Stripping Writeoff14B-14B - $\frac{1}{2}$ Remainder

$$= 5223$$

15B-16B - $\frac{2}{3}$ -

$$= 6016$$

$$\hline 11239 \text{ Cuyds}$$

Dredge No 7

November 1949
Shut down for season Nov 16-8:30 AM.

28

Dredge operated 15 days.

$$\begin{aligned} &\checkmark \text{ dug } 334 \text{ hrs. } 10 \text{ min} = 1.08 \text{ days} = 7.18\% \quad \leftarrow \\ &\checkmark \text{ lost } 25 \text{ - } 50 \text{ - } = 13.92 \text{ - } = 92.82\% \quad \leftarrow \end{aligned}$$

Avg. Hgt Bank = 1.8 ft.

Depth = 12.0 -

Total = 13.8 -

$$\begin{array}{r} \text{Surface} \quad \begin{array}{r} 3177 \\ 408 \end{array} \quad \begin{array}{r} 3992 \\ 3561 \\ 407 \end{array} = 408 \times 17.47 = 7168 \text{ Sq. Yds.} \end{array}$$

$$\begin{array}{r} \text{Bedrock} \quad \begin{array}{r} 4389 \\ 3985 \\ 404 \end{array} \quad \begin{array}{r} 4800 \\ 4389 \\ 411 \end{array} = 408 \times 17.57 = 7168 \quad \checkmark - \end{array}$$

$$\text{Avg Area} = 7168 \quad \checkmark -$$

$$7168 \times \frac{13.8}{3} = 32973 \text{ Cu Yds.}$$

$$\frac{32973}{15} = 2198 \text{ Cu Yds per day elapsed time}$$

$$\frac{32973}{13.92} = 2369 \quad \checkmark \quad \text{running} \quad \checkmark$$

Pond Elev - 980.5
 Claims dredged - 48 Dugitz.
 Surface Area - 1.48 Acres.
 Avg Width cut - 185' Ft
 Length - 475' ✓

$$\begin{array}{r} 7168 \\ 9 \\ \hline 64512 \end{array}$$

Thawing Writoff

Block 79: Remainder = 36564 Cu.Yds. ✓

Stripping Writoff

Xo 14-15 - Remainder = 5222 Cu.Yds.

1 15-16 - ✓ = 3009 ✓

1 16-17 - $\frac{1}{4}$ ✓ = 2408 ✓

1 17-18 - $\frac{1}{7}$ ✓ = 1481 ✓

Total = 12120 ✓

Dredge No 7

May 1950
Started May 2 - 8:00 AM.

Dredge operated 30 days

✓ dug 668 hrs 0 min = 27.83 days = 92.78%
✓ lost 52 - 0 ✓ = 2.17 = 7.22%

Avg Hat Bank = 2.5 ft.

✓ Depth = 11.2 ✓

Total ✓ = 13.7 ✓

Surface

$$\begin{array}{r} 2658 \\ 2218 \\ \hline 440 \end{array} \quad \begin{array}{r} 3095 \\ 2658 \\ \hline 437 \end{array}$$

$$438 \times 17.57 = 7696 \text{ Sq. Yds.}$$

Bedrock

$$\begin{array}{r} 3518 \\ 3087 \\ \hline 431 \end{array} \quad \begin{array}{r} 4377 \\ 3943 \\ \hline 434 \end{array}$$

$$433 \times 17.57 = 7608 \quad \checkmark$$

$$\checkmark \underline{15304}$$

$$\text{Avg. Area} = 7652 \quad \checkmark$$

$$\frac{7652 \times 13.7}{3} = 34944 \text{ Cu. Yds.}$$

$$\frac{34944}{30} = 1165 \text{ Cu. Yds per day elapsed time}$$

$$\frac{34944}{27.83} = 1256 \quad \checkmark \quad \text{running} \quad \checkmark$$

Pond Elev 981.5

Claims dredged - 48 Quartz

Surface Area = 1.59 Acres.

Avg Width cut = 180 ft.

✓ Length = 350 ft.

$$\begin{array}{r} 7696 \\ 9 \\ \hline 69264 \end{array}$$

$$\begin{array}{r} 7608 \\ 9 \\ \hline 68472 \end{array}$$

$$\begin{array}{r} 7652 \\ 9 \\ \hline 68868 \end{array}$$

No Thawing Write Off

Stripping Write Off

X ² 16-17	-	Remainder		=	7222	Cuttl.
17-18	-	$\frac{3}{4}$ Remainder		=	6666	✓
18-19	-	$\frac{1}{2}$	✓	=	6925	✓
19-20	-	$\frac{1}{4}$	✓	=	3746	✓
Total				=	24553	✓

Dredge # 7

June 1950

Dredge operated 30 days

- dug 66 hrs 45 min = 27.86 days = 92.88 %

- lost 51 " 15 " = 2.14 " = 7.12 %

Avg Hgt. Bank = 0.0 ft.

- Depth = 12.7 -

Total - = 12.7 -

Total Surface $\frac{8498}{1705} \frac{9287}{8498} \frac{791}{789} \times 17.57 = 13898 \text{ Sq. Yds.}$

Total Bedrock $\frac{1600}{0820} \frac{2374}{1600} \frac{777}{774} \times 17.57 = 13652$
 $\frac{2127550}{13775}$
 Avg Area = 13775

 $\frac{13775 \times 12.7}{3} = 58314 \text{ Cu. Yds.}$
 $\frac{58314}{30} = 1944 \text{ Cu. Yds. per day elapsed time}$
 $\frac{58314}{27.86} = 2093 \text{ " running -}$

Pond Elev. - 982.5
 Claims dredged - 48-49 Quartz.
 Surface area - 2.87 Acres.
 Avg width cut - 175 ft.
 Length - 700 -

13898	13652	13775
9	9	9
125082	122868	123975

Thaw Whitestoff - Nil ✓

Strip Whitestoff

12 17-18 - Remainder

= 2220 Cyls.

18-19 - ✓

= 6924 -

19-20 - ✓

= 11219 ✓

20-21 - ✓

= 12415 -

21-22 - ✓

= 10074 -

22-23 - ✓

= 7819 ✓

Total = 50671 ✓

Dredge No 7

July 1950

Dredge operated 31 days

✓ dug 673 hrs. 40 min = 28.07 days = 90.55 ft.

✓ lost 70 ft 20 = 2.93 = 9.45 ft.

Avg Wet Bank = 0.0 ft

Depth = 12.5 ft

Surface

$$\begin{array}{r} 5516 \\ 4512 \\ \hline 1004 \end{array}$$

$$\begin{array}{r} 6521 \\ 5516 \\ \hline 1005 \end{array}$$

1005 X 17.57 = 17658

Sq. Yds.

Bedrock

$$\begin{array}{r} 7515 \\ 6523 \\ \hline 992 \end{array}$$

$$\begin{array}{r} 8506 \\ 7515 \\ \hline 991 \end{array}$$

992 X 17.57 = 17429

2) 35087

Avg Area = 17543

$$17543 \times \frac{12.5}{3} = 73096 \text{ Cu. Yds.}$$

$$\frac{73096}{31} = 2358 \text{ Cu. Yds per day elapsed time}$$

$$\frac{73096}{28.07} = 2604 \text{ running}$$

Claims dredged - 48-49 Quartz

Surface area - 3.64 Acres

Avg. width cut - 175 ft.

✓ Length ✓ - 975 ft.

$$\begin{array}{r} 17658 \\ 9 \\ \hline 158922 \end{array}$$

$$\begin{array}{r} 17429 \\ 9 \\ \hline 156861 \end{array}$$

$$\begin{array}{r} 17543 \\ 9 \\ \hline 157887 \end{array}$$

Thaw write off - Nil

Stripping write off

X25

23-24	-	Remainder	=	6237
24-25	-	✓	=	6093
25-26	-	$\frac{2}{3}$ ✓	=	4626
26-27	-	$\frac{2}{3}$ ✓	=	<u>5328</u>

Total 22284

Dradga No 7

August 1950

81

Dradga operated 31 days

✓ dug 683 hrs 05 min. = 28.46 days = 91.81 %

✓ lost 60 ✓ 55 ✓ = 2.54 ✓ = 8.19 %

Avg Hgt Bank 0.4 Ft. ✓

✓ Depth 12.6 ✓

Total ✓ 13.0 ✓

Surface $\frac{2560}{1721} \frac{3404}{2560}$ 842 X 17.57 = 14794 sq. yds.
839 844

Bedrock $\frac{4214}{3421} \frac{5010}{4214}$ 795 X 17.57 = 13968 ✓ ✓
793 796 228762

Avg Area 14381 ✓ ✓

14381 X $\frac{13}{3}$ = 62318 Cu. yds.

$\frac{62318}{31}$ = 2010 Cu. yds Per day elapsed time

$\frac{62318}{28.46}$ = 2190 ✓ ✓ ✓ running ✓

Pond Elev. — 974.8

Claims dradged — 49-50 Quartz

Surface Area — ~~4.08~~ 3.06 Acres

Avg width cut — 215 ft

✓ Length ✓ — 595 ✓

14794
9
133146

13968
9
125712

14381
9
129429

THAW WRITE OFF - ZERO.

STRIPPING WRITE-OFF.

X'NS

25-26	REMAINDER	-	2315	CU YDS.
26-27	✓	-	2665	" "
27-28	- 4 ₅	-	5152	" "
28-29	4 ₅	-	<u>4404</u>	" "

TOTAL W.O = 14536

DREDGE 7- SEPTEMBER 1950

DREDGE OPERATED 30 DAYS

✓ DUG 660 HRS 30 MIN. = 27.52 DAYS = 91.74%
 ✓ LOST 59 ✓ 30 ✓ = 2.48 ✓ = 8.26%

AVERAGE HEIGHT OF BANK = 0.4'

✓ DEPTH BELOW WATER = 13.8'

TOTAL DREDGING DEPTH = 14.2'

SURFACE - $\begin{array}{r} 2951 \\ 2085 \\ \hline 866 \end{array}$ $\begin{array}{r} 3819 \\ 2951 \\ \hline 868 \end{array}$ $867 \times 17.57 = 15233$ SQ. YDS ✓

BEDROCK - $\begin{array}{r} 4641 \\ 3803 \\ \hline 838 \end{array}$ $\begin{array}{r} 5481 \\ 4641 \\ \hline 840 \end{array}$ $839 \times 17.57 = 14741$ ✓ ✓
 2129974 ✓

AVERAGE AREA = 14987 ✓ SQ. YDS.

$14987 \times 14.2 = \begin{array}{r} 70939 \\ 65943 \\ \hline 30 \end{array}$ CU. YDS.
 $\begin{array}{r} 70939 \\ 65943 \\ \hline 30 \end{array} = 2365$ CU. YDS PER DAY ELAPSED TIME
 $\begin{array}{r} 70939 \\ 65943 \\ \hline 27.52 \end{array} = 2578$ ✓ ✓ ✓ RUNNING ✓

POND ELEVATION = 972.0

CLAIMS DREDGED = 50 - 51 QUARTZ

SURFACE AREA = 3.15 ACRES

AVER. WIDTH CUT = 220 FT.

✓ LENGTH ✓ = 600 ✓

$\begin{array}{r} 15233 \\ 9 \\ \hline \end{array}$ $\begin{array}{r} 14741 \\ 9 \\ \hline \end{array}$ $\begin{array}{r} 14987 \\ 9 \\ \hline \end{array}$
 SURFACE SQ. FT 137097 ✓ BEDROCK-SQ. FT. 132669 ✓ AVERAGE SQ. FT 134883 ✓

Thawing Writsoff

Nil

Stripping Writsoff

Balance of Inventory = 20925 Cu.Yds.

Dredge No 7

October 1950

Shot down Oct 28 - 8:00 AM.

Final Measurement

Dredge operated 27 days.

✓ dug 198 hrs. 0 min = 24.92 days = 92.28%

✓ lost 50 - 0 ✓ = 2.08 - = 7.72%

Avg Hgt of Bank = 0.4 Ft.

✓ Depth = 12.1 ✓

Total = 12.5 ✓

$$\text{Surface} \quad \begin{array}{r} 1825 \\ 1165 \\ \hline 660 \end{array} \quad \begin{array}{r} 2485 \\ 1825 \\ \hline 660 \end{array} \quad 660 \times 17.57 = 11596 \text{ Sq. Yds.}$$

$$\text{Bedrock} \quad \begin{array}{r} 3156 \\ 2498 \\ \hline 658 \end{array} \quad \begin{array}{r} 4465 \\ 3808 \\ \hline 657 \end{array} \quad 658 \times 17.57 = \begin{array}{r} 11561 \\ \hline 23157 \end{array} \quad \checkmark$$

$$\text{Avg Area} \quad 11578 \quad \checkmark$$

$$11578 \times \frac{12.5}{3} = 48242 \text{ Cu. Yds.}$$

$$\frac{48242}{27} = 1787 \text{ Cu. Yds per day elapsed time}$$

$$\frac{48242}{24.92} = 1936 \quad \checkmark \quad \text{running} \quad \checkmark$$

Pond Elev - 972.0 ✓

Claims dredged - 50.51

Surface Area - 2.40 Acres.

Avg. Width cut - 200 Ft

Length - 160 ✓

$$\begin{array}{r} 11596 \\ 9 \\ \hline 104364 \end{array} \quad \begin{array}{r} 11561 \\ 9 \\ \hline 104049 \end{array} \quad \begin{array}{r} 11578 \\ 9 \\ \hline 104202 \end{array} \quad \checkmark$$

No.
1740



SHEET SIZE
12¼ x 10 INCHES

COLUMNAR BOOKS
MADE IN THE FOLLOWING RULINGS AND THICKNESSES

2	COLUMNS	to right,	Single Page Form
3	"	"	"
4	"	"	"
5	"	"	"
6	"	"	"
7	"	"	"
8	"	"	"
10	"	"	Double
12	"	"	"
14	"	"	"
16	"	"	"
18	"	"	"
20	"	"	No Particular Space

BKD 00

150 PAGES
300 "

FEINT
QUADRILLE

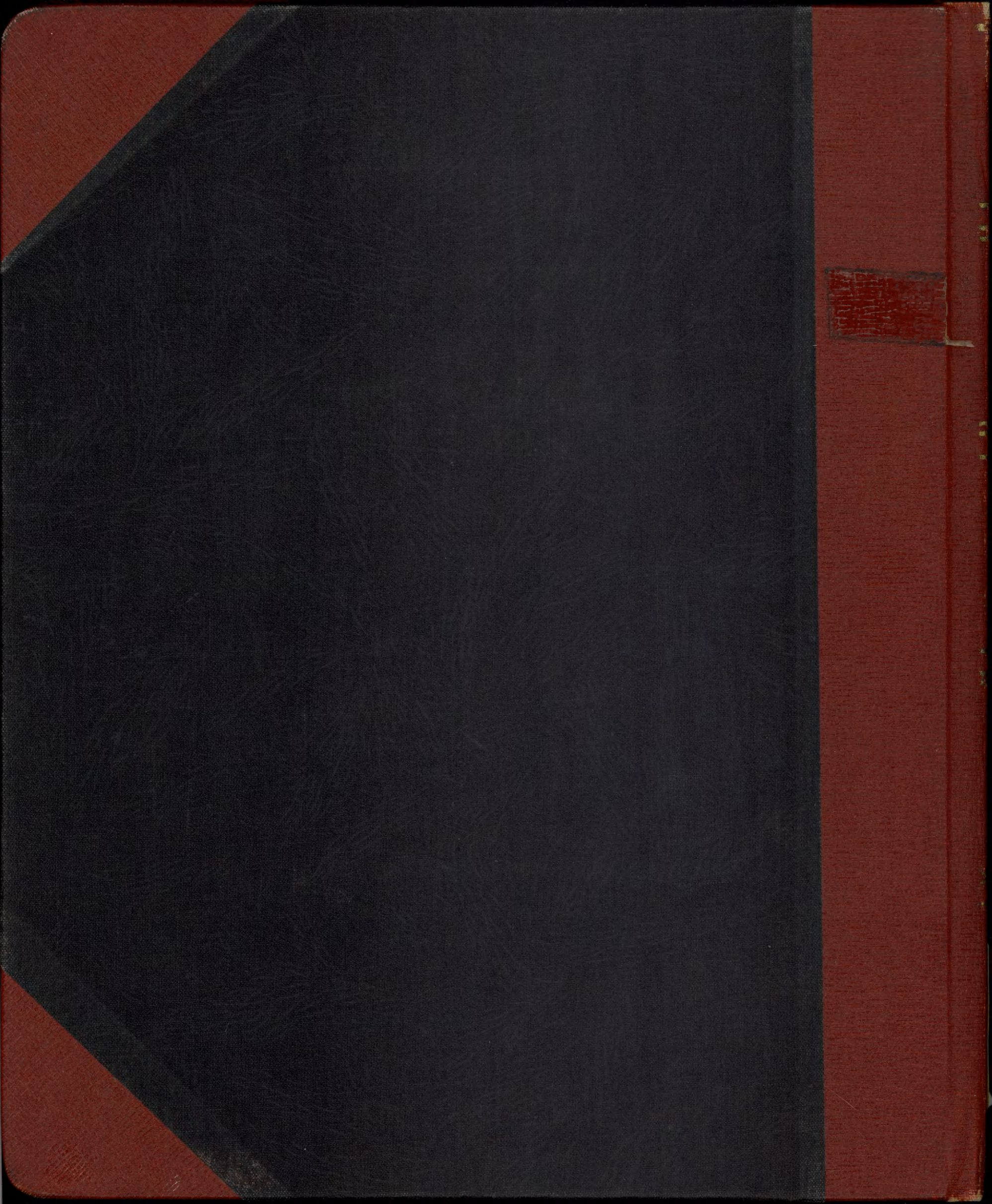
To Duplicate This Book Order No. 1740 Stating Ruling and Thickness Wanted

THE CLARKE & STUART CO., LIMITED

Manufacturers of Loose Leaf Devices

COMMERCIAL STATIONERS AND PRINTERS VANCOUVER, B. C.

MADE IN CANADA





Library and Archives
Canada

395 Wellington Street
Ottawa, ON K1A 0N4

Bibliothèque et Archives
Canada

395, rue Wellington
Ottawa, ON K1A 0N4

For material still subject to legislative, contractual or institutional obligations, users warrant that they will respect those obligations and not use LAC collections in a manner that would infringe the rights of others. Liability that may arise in the use of a copy is assumed in full by the user. LAC accepts no responsibility for unauthorized use of collection material by users.

To ensure proper citation and to facilitate relocation of an item, the source of the material and its reference number should always accompany the copy.

Pour les documents faisant encore l'objet d'obligations législatives, contractuelles ou institutionnelles, les usagers s'engagent à respecter ces obligations et à ne pas utiliser les documents des collections de BAC de façon à nuire aux droits d'autrui. Ils doivent assumer entièrement toute responsabilité qui pourrait découler de l'utilisation d'une reproduction de document. BAC décline toute responsabilité quant à l'utilisation non autorisée de documents provenant de ses collections.

Afin de citer un document avec exactitude et d'en faciliter le repérage, sa source et son numéro de référence doivent toujours accompagner la reproduction.

TITLE/TITRE _____
RG _____ MG ²⁸ _____ R- _____ SERIES/SÉRIE ^{III 43} _____
ACCESSION _____ VOL ¹⁵⁶ _____ PAGE(S) ³⁹ _____
BOX/BOÎTE _____ REEL/BOBINE _____
FILE/DOSSIER ^{DREDGE NO.7} _____
DATE ^{FEBRUARY 2015} _____