DR. Nº 10

Predge No 10

End of Month
= next to last day

BLUE LINE

ST JOHNS PQ

"END-BOUND" BLANK BOOKS
PROTECTED AT POINTS OF GREATEST WEAR

BROWN & GREEN RULING
ON GREEN TINTED PAPER

740½	UNRULED
741¼	QUADRILLE, (NOT PAGED)
741½	FAINT
752	TWO COLUMNS
753	THREE COLUMNS
754	FOUR COLUMNS
755	FIVE COLUMNS
756	SIX COLUMNS
756½	SIX COLUMNS, DIVIDED
757	SEVEN COLUMNS
758½	EIGHT COLUMNS
759	TEN COLUMNS, DOUBLE PAGE FORM
742	TWELVE COLUMNS, DOUBLE PAGE FORM
744	FOURTEEN COLUMNS, DOUBLE PAGE FORM
746	SIXTEEN COLUMNS, DOUBLE PAGE FORM
748	EIGHTEEN COLUMNS, DOUBLE PAGE FORM
750	TWENTY COLUMNS, DOUBLE PAGE FORM

ALL 3 FAINT AND UNITS — 150 AND 300 PAGES

STATE RULING AND THICKNESS WANTED

TO DUPLICATE THIS BOOK
ORDER NO.

MADE IN CANADA

6 5 Buckets (New)

Thawing Writeoff

Block #1 : $\frac{5636 - 5465}{171} \quad \frac{5808 - 5636}{172}$ = 172 x 162.6 = 27967 sq. ft.

27967 x 31.1 / 27 = 32213 cu. yds. Total

Stripping Writeoff

Line # 2 $\frac{7747 - 7728}{19} \quad \frac{7728 - 7709}{19}$ = 19 x 16.26 = 309 sq. ft.

Between Lines

# 1 - 2	all	1626 cu. yds.
2 - 3 =	309 x 27/27	309 cu. yds.
		1935 cu. yds. Total.

Pond Elev. May 31 - 1995.8

Claims dredged = 10 - 11 - B.L.D. Dominion

Surface area = 1.41 acres.

Avg Width of cut = 200 Feet

" Length " " = 300 Feet.

1" = 100'
Fac. 18.07
= 5q. yds.
Vernier at 34

DREDGE Nº 10 — MAY 1939

DREDGE operated 24 days.

dug 482 hrs 38 min = 20.11 days = 87.43 %
lost 69 hrs 22 min = 2.89 days = 12.57 %

Avg. Hgt of Bank = 2.4
Depth = 23.7
Total Depth = 26.1

TAILINGS (old) 2810/2631 = 179; 2985/2810 = 175; 3164/2985 = 179 = 178 × 18.07 = 3216 Sq. yds

SURFACE: 3362/3164 = 198; 3563/3362 = 201; 3764/3563 = 201 = 200 × 18.07 = 3614

BEDROCK 4060/3885 = 175; 4234/4060 = 174; 4407/4234 = 173 = 174 × 18.07 = 3144

26758
Avg. Area = 3279

VIRGIN.

$3279 \times \frac{26.1}{3} = 28{,}527$ Cu Yds

$\frac{28{,}527}{24} = 1{,}189$ Cu Yds per day. Elapsed time.

$\frac{28{,}527}{20.11} = 1{,}419$ Cu Yds per day Digging time.

TAILINGS.

$3216 \times \frac{26.1}{3} = 27{,}979$ Cu Yds.

$\frac{27979}{24} = 1{,}166$ Cu Yds per day Elapsed time.

$\frac{27{,}979}{20.11} = 1{,}391$ Cu Yds per day Digging time

Total

56,506 Cu Yds.

$\frac{56\,506}{24} = 2355$ Cu. Yds. per day Elapsed Time.

$\frac{56\,506}{20.11} = 2810$ Cu Yds per day Digging time.

THAWING WRITE-OFF

Unit #1 $\frac{7955}{2442}\ \frac{8966}{7955}\ \frac{9467}{8979}$ = 513 x 162.6 = 83,419 / 513 x $\frac{31.1}{27}$ = 96,081 / Cu Yds.

513 / 511 / 513 /

STRIPPING WRITE-OFF

Between X"	2-3		2643 Cu Yds.
	3-4		3130 Cu Yds.
	4-5		2889 " "
	5-6		2681 " "
	6-7	(50% of 2196)	1098 " "
		Total	12,441 / Cu Yds.

1"=100'
Fac - 1807
=Sq. Yds
Vernier @ 39.0

DREDGE N° 10

June 1939

DREDGE OPERATED. 30 days.
" DUG. 638-1285 / 20 min. = 26.6 days. = 88.66 %
" LOST 81 hrs 40 min. = 3.4 days = 11.34 %

AVG HGT of BANK = 2.6'
" DEPTH. = 23.9'
TOTAL DEPTH = 26.5'

TAILING. SURFACE $\frac{2028}{1920}\ \frac{2138}{2028}\ \frac{2276}{2138}\ \frac{2356}{2296}$ = 109 x 18.07 = 1970 Sq Yds.
$\frac{108}{}\ \frac{110}{}\ \frac{108}{}\ \frac{110}{}$

$1970 \times \frac{26.5}{3} = 17{,}402$ Cu Yds

$\frac{17402}{30} = 580$ Cu Yds (Tailings) per day Elapsed Time.

$\frac{17402}{26.6} = 654$ Cu Yds (Tailings) per day Digging Time.

VIRGIN SURFACE $\frac{2921}{2300}\ \frac{4173}{3552}\ \frac{5422}{4801}$ = 621 x 1807 = 11222 Sq Yds
$\frac{621}{}\ \frac{621}{}\ \frac{621}{}$

BEDROCK $\frac{6028}{5428}\ \frac{6631}{6028}\ \frac{7232}{6631}$ = 601 x 18.07 = 10 860 Sq Yds.
$\frac{600}{}\ \frac{603}{}\ \frac{601}{}$

2 | 22082

AVG AREA 11 041 Sq Yds.

$11{,}041 \times \frac{26.5}{3} = 97{,}529$ Cu Yds.

$\frac{97529}{30} = 3251$ Cu Yds (Virgin) per day Elapsed Time.

$\frac{97529}{26.6} = 3667$ " " (") " " Digging Time.

TOTAL.

3831 Cu Yds per day Elapsed Time.

4321 Cu Yds per day Digging Time.

Pond Elev June 29th 1939 = 1989.2
Claims DREDGED - 11 & 12 Below Lower Disc. on Dominion Creek.
SURFACE AREA. = 2.73 Acres.
Avg Width of Cut = 250'
" Length " " = 950

17402
97529
114931

THAWING WRITEOFF

Block # 1 Remainder = 45093 SqFt - 52520

Block # 2 $\frac{7125}{6733}\ \frac{7519}{7145}$ = 393 x 162.6 = 63902 x $\frac{31}{27}$ = 73606 cu. yds.

Total. 126126 - -

STRIPPING WRITEOFF

Line #

6	Remainder	1098 cu. yds.
7	-	2167
8	-	2441
9	-	3404
10	-	3974
11	-	3070
12	-	3159
13	50% of Remainder	1911
14	Total.	21224 cu. yds

14771/4 6 3 / 12647

14546/9 / 13091/4

14004/4 / 12036

1" = 100'
Fac. 18.07
= Sq. yds.
Vernier at 34

DREDGE № 10

JULY 1939

DREDGE operated: 31 Days.
" dug: 664 Hrs. 25 min = 27.68 days = 89.30 %
" lost: 79 " 35 " = 3.32 " = 10.70 %

Avg. Hgt. of BANK = 3.5 Feet
Depth = 24.2
Total Depth. 27.7

VIRGIN

SURFACE
9155 9958 0763
8350 9155 9958
805 803 805
= 805 X 18.07 = 14546 Sq. yds.

BEDROCK
1505 2279 3054
0729 1505 2279
776 774 775
= 775 X 18.07 = 14004
2 | 28550
Avg. Area 14275

TAILINGS

SURFACE
4065 4311 4553 4795
3827 4065 4311 4553
238 246 242 242
= 242 X 18.07 = 4373 Sq. yds.

VIRGIN

14275 X 27.7/3 = 131,805 cu. yds. Total.

131805 / 31 = 4252 cu. yds per day elapsed time

131805 / 27.68 = 4762 " " " " running time

TAILINGS

4373 X 27.7/3 = 40377 cu. yds. Total.

40377 / 31 = 1302 cu. yds. per day elapsed time

40377 / 27.68 = 1459 " " " " running time

131805
40377
17718 Cu Yds.

14275
4373
18648 Area

TOTALS (Virgin + Tailings)

5554 cu. yds per day elapsed time.

6221 " " " " running time.

Pond Elev Aug 1 - 1987.4
Claims dredged - 12-12A-13 B.L.O. Dom.
Surface area - 3.85 Acres
Avg. width of Cut - 240 Feet
" length " " - 700 Feet

THAWING WRITEOFF

BLOCK #2. Remainder . -17485 sq.ft = 20441 cu.yds.

BLOCK #3. $\frac{7642}{7587}\ \frac{7697}{7642}$ = 55 x 162.6 = 8943 sq.ft x 16.6/27 = 5498 cu.yds.

Total 25939 " "

STRIPPING WRITEOFF

LINE #13 Remainder 1911 cu.yds.

14 ALL. 2830 " "

15 " 1022 " "

16 ———

18 1/3 of total 18-19 321 " "

19 Total 6084 " "

$\frac{6746}{9}$ $\frac{6306}{9}$ $\frac{6473}{9}$ $\frac{5957}{9}$

60660 56754 58707 53613

1" = 100'
Fac. 18.07 =
Sq. yds.
Vernier at 34

DREDGE Nº 10

AUGUST 1939

DREDGE operated 31 days
dug 665 Hrs. 05 min = 27.71 days = 89.39%
lost 78 - 55 min = 3.29 - = 10.61 %

Avg. Height of Bank = 4.1 Feet
Depth, = 21.8 -
Total. - = 25.9 -

VIRGIN:

SURFACE: 1532/1159 = 373; 2661/2288 = 373; 3035/2661 = 374
= 373 × 18.07 = 6740 Sq. yds.

BEDROCK: 3350/3003 = 347; 4386/4036 = 350; 4735/4386 = 349
= 349 × 18.07 = 6306 - -
2 | 13046
Avg Area 6523 - -

TAILINGS:

SURFACE: 6527/5975 = 552; 7076/6527 = 549; 7627/7076 = 551
= 551 × 18.07 = 9957 Sq. yds.

VIRGIN:

6523 × 25.9/3 = 56315 cu. yds. Total

56315 / 31 = 1817 cu yds per day elapsed time

56315 / 27.71 = 2032 - - - - running time

TAILINGS

9957 × 25.9/3 = 85962 cu. yds. Total.

85962 / 31 = 2773 cu. yds. per day elapsed time

85962 / 27.71 = 3102 - - - - running time

TOTALS

4590 - cu. yds. per day elapsed time

5134 - - - - - running time

18.07
773
4590

2032
3102
5134

Pond Elev Sept 1st 1984.0
Claims dredged 13+14 BLD Dom.
Surface area = 3.45 acres
Avg Width of cut = 580 Feet
- Length - - - = 600 -

Thawing Writeoff

Block 3 - $\frac{3160}{2932}$ $\frac{3388}{3160}$ $228 \times 162.6 = \frac{(\text{Area}) 37073 \times 16.6}{27} = 22793$ Cu Yds.

Stripping Writeoff

Between 18-19 - Remainder = 642 Cu. Yds.

- 19-20 - " = 1233 " "
- 20-21 - " = 270 " "
- 21-22 - " = 152 " "
- 22-23 - ½ total = 76 " "

total = 2373 Cu Yds

DREDGE No 10 SEPTEMBER 1939

SCALE - 1" = 100'
FACTOR - 18.07
= SQ. YDS.
VERNIER AT 34

DREDGE OPERATED - 30 DAYS
" DUG = 643 HRS. 20 MINS = 26.81 DAYS = 89.35%
" LOST = 76 " 40 " = 3.19 " = 10.65%

AVE HEIGHT OF BANK = 3.8 FEET
" DEPTH = 18.8 "
TOTAL " = 22.6 "

VIRGIN

SURFACE - 1377 − 1260 = 117; 1490 − 1377 = 113; 115 × 18.07 = 2078 Sq. Yds = 18702 Sq Ft

Bedrock - 1667 − 1561 = 106; 1773 − 1667 = 107; 106 × 18.07 = 1915; 2 | 3993 = 1997 Sq Yds = Avg Area = 17973

Tailings Surface - 2438 − 1801 = 637; 3079 − 2438 = 641; 639 × 18.07 = 11547 Sq. Yds. = 103923

$\frac{1997 \times 22.6}{3}$ = 15044 Cu. Yds Virgin

$\frac{3849}{11547} \times 22.6 = 86987$ Cu. Yds. Tailings

102031 = Total Cu. Yds.

$\frac{102031}{30}$ = 3401 Cu. Yds. per day elapsed time

$\frac{102031}{26.81}$ = 3806 " " " digging time

Pond Elev Oct 1 = 1980.0
Claims dredged = 1147 BL.D Dom
Surface Area = 2.81 Acres
Avg Width Cut = 250'
" length " = 500'

THAWING WRITE-OFF

Block #3 Remainder 35290 Sq ft 21396 Cu Yds

Block #4 $\frac{5454}{5273}$ $\frac{5636}{5454}$ = 182 x 162.6 = 29593 Sq ft x $\frac{25.5}{27.0}$ = 27949 Cu Yds

$\frac{181}{}$ $\frac{182}{}$

Total 49,345 Cu Yds

+ 3168 - P.H.

STRIPPING WRITE-OFF = 52513

Between X" Lines 22 - 23 — — — 76 Cu Yds

23 - 24 — — — 756 " "

24 - 25 — — — 1267 " "

25 - 26 — — — 2922 " "

26 - 27 — — — 5511 " "

27 - 28 — — — 6504 " "

Total 17,036 Cu Yds

Thaw Writeoff — 1938 = 49345 Cu Yds

1939 = 3168 "

= 52513 - Total

Pond Elev. Now - 1978.7

Claims dredged - 1941 BLO Dam

Surface area - 2.92 Acres

Avg Width Cut - 245 Feet

Avg Length " - 525 "

DREDGE No 10 OCTOBER 1939

SCALE - 1" = 100'
FACTOR = 18.07 = SQ. YDS.
VERNIER AT 34

DREDGE OPERATED - 31 DAYS
" DUG = 662 HRS. 45 MINS. = 27.61 DAYS = 89.08 %
" LOST = 81 " 15 " = 3.39 " = 10.92 %

AVE HEIGHT OF BANK = 3.7 FEET
" DEPTH = 18.9 "
TOTAL " = 22.6 "

VIRGIN
SURFACE = 0377/9954/418 0791/0377/414 1207/0791/416 — 416 (18.07) = 7517 Sq Yds

BEDROCK = 1572/1195/377 1946/1572/374 2323/1946/377 — 376 (18.07) = 6794 " "
2 | 14311
AVG AREA 7156 Sq Yds

TAILINGS
SURFACE = 2583/2216/367 2947/2583/364 ~~3321/2947/374~~ 3691/3321/370 — 367 (18.07) = 6632 " "

BEDROCK = 4065/3707/358 ~~4408/4065/334~~ 4755/4404/351 5106/4755/351 — 353 (18.07) = 6379 " "
2 | 13011
AVG AREA 6505 Sq Yds

VIRGIN 7156 × 22.6/3 = 53,908 Cu Yds

53908/31 = 1739 Cu Yd per day Elapsed Time.

53908/27.61 = 1952 " " " " Digging Time.

Tailings 6505 × 22.6/3 = 49,004 Cu Yds

49,004/31 = 1581 Cu Yds per day Elapsed Time.

49004/27.61 = 1775 " " " " Digging Time

Total 3320 Cu Yds per day Elapsed Time.

3727 " " " " Digging Time

53908
49004
10292

THAWING WRITE OFF

BLOCK A = $\frac{4539}{4268}$ $\frac{4805}{4539}$ $\frac{5066}{4805}$ $\frac{5330}{5066}$ = $\frac{264}{271}$ $\frac{266}{266}$ $\frac{261}{261}$ $\frac{264}{264}$ = 264 x 162.6 = $\frac{\text{AREA } 42926 \times 25.5}{27}$ = 40542 CUB YDS

(1938) THAWING WRITE OFF = 40542 CUB YDS.

STRIPPING WRITE OFF.

BETWEEN LINES	28 - 29	= 8070	CUB YDS
" "	29 - 30	= 9996	" "
TOTAL		18,066	" " WRITE OFF.

DREDGE No 10 — NOVEMBER 1939

SCALE - 1" = 100'
FACTOR = 18.07 SQ YDS
VERNIER AT 34

DREDGE No 10 CLOSED DOWN FOR SEASON Nov 10th 930 A.M.
(FOR LOST TIME SUMMARY 7.00 AM)

DREDGE OPERATED = ~~10 DAYS~~ - 9 DAYS
" DUG - 220 HRS - 10 MINS = 9.17 DAYS = 91.74%
" LOST = 19 " -50 " = .83 " = 8.26%

AVE HEIGHT OF BANK - 2.2 FEET
" DEPTH " " = 19.5 "
TOTAL " " " = 21.7 "

VERGIN —

SURFACE = $\frac{2993}{2726}$ $\frac{3260}{2993}$ / 267 = 267 × 18.07 = 4825 SQ YDS — 434 NW

BED ROCK = $\frac{3531}{3285}$ $\frac{3776}{3531}$ / 246 = 246 × 18.07 = 4445 " " — 400 NW

2 | 9270

AVE AREA = 4635 SQ YDS. — 417 NW

$\frac{4.635 \times 21.7}{3}$ = 33526 CUB. YDS. —

$\frac{33526}{\text{~~10~~ 9}}$ = ~~3725~~ 3853 CUB YDS PER DAY ELAPSED TIME

$\frac{33526}{9.17}$ (8.24) = 3656 (4069) " " " " RUNNING TIME

Pond elev. 1978.5'
Claims dredged. # 16 B.L.D. Dom.
Surface area. 0.99 Acres.
Avg. width of cut. 200 Feet
" length of cut 220 —

NOTE —

DUE TO ERROR ON MAY OPERATING DAYS ~~WHICH~~ SHOULD HAVE BEEN 23 INSTEAD OF 24. WE NOW REDUCE NOV. OPERATING DAYS TO 9 IN PLACE OF 10 TO MAKE TOTAL FOR SEASON CORRECT.

CLS

LOST TIME SUMMARY CALCULATED CORRECTLY

THAWING WRITEOFF

Block # 5 : 134 x 162.6 = 21788 Sq. ft x 22/27 = 17753 cu. yds.

STRIPPING WRITEOFF

Line 30-31 = 13070 cu. yds. Total.

Scale 1" = 100'
Fac. 18.07
= Sq. yds.
Vernier at 34

DREDGE Nº 10 — APRIL 1940

STARTED APRIL 25th – 3:00 P.M.
LOST TIME SUMMARY APRIL 25th 7:00 A.M.

DREDGE operated 6 Days.
dug: 126 Hrs. 35 min. = 5.27 days = 87.91 %
lost: 17 " 25 " = 0.73 " = 12.09 %
Avg. Height of Bank = 1.2 Feet
Depth " = 20.3 "
Total " = 21.5 "

SURFACE: 5440 − 5307 = 133; 5574 − 5440 = 134 = 134 × 18.07 = 2421 Sq. yds

BEDROCK: 5953 − 5836 = 117; 6071 − 5953 = 118 = 118 × 18.07 = 2132 "
2 (4553
Avg. Area 2277 " "

2277 × 21.5/3 = 16318 cu. yds. Total.

16318 / 6 = 2720 cu. yds per day elapsed time

16318 / 5.27 = 3096 " " " " running time

Pond Elevation – 1978.3
Claims dredged – 1L BLD. Dorm.
Surface area – 0.50 acres.
Avg. Width of Cut – 220'
" Length " " – 100'

Thawing Writeoff

Factor = 16.6 = Sq Ft.

Block - 3444 3473 / 3413 3444 / 31 / 29 / 230 x 16.6 = 3798 x 22 / 27 = 30472 CY

- 6 - 3827 3886 / 3767 3827 / 60 / 59 / 60 x 16.6 = 976 x 27 / 27 = 8853 ✓

- 7 - All = 12209 CY

- 8 - 4346 4408 4675 / 4178 4346 4408 / 168 / 162 / 167 / 167 x 16.6 = 2714 x 27 / 27 = 2634 /

Total = 77883

Stripping Writeoff

XSec 31-32 - Remainder = 15900 Cu Yds
- 32-33 - " = 14093
- 33-34 - " = 8252
- 34-35 - " = 5904
- 35-36 - " = 7137
- 36-37 - " = 6504

Total 57790

1" = 100'
Factor = 18.07 = Sq. Yds
Vernier at 34

Dredge No. 10 — May 1940

Dredge operated 31 days
- dug 688 hrs 55 min = 28.70 days = 92.60 %
- lost 55 - 05 - = 2.30 - = 7.40 %

Avg Hgt. Bank = 2.7 Feet
- Depth = 21.2 -
Total - = 23.9 -

Total Area — Virgin & Tailings

Surface Area

9547	0482	1373
8702	9597	0482
845	885	891

891 x 18.07 = 16,100 Sq. Yds.

Bedrock

2119	2929
1313	2119
806	810

808 x 18.07 = 14600

30700

Avg Area = 1350

1350 x 23.9 / 3 = 12288 Cu Yds.

12288 / 31 = 396 Cu Yds. per day elapsed time

12288 / 8.70 = 4161 - - - running -

Tailings

Surface area

7841	8135	8428
7544	7841	8135
297	294	293

294 x 18.07 = 5331 Sq Yds.

1777

5331 x 23.9 / 3 = 42470 Cu Yds

12288 = Total Cu Yds
- 4247 = Tailings Cu Yds
= 7941 = Virgin Cu. Yds.

Pond Elev - 1971.4
Claims dredged - 16-17 B&D Com.
Surface area - 3.33 acres.
Avg Width Cut - 175'
- Length - - 800'

Thawing Writeoff

Block 4 -	Remainder	= 7694	Cu.Yds
"	5 -	= 3233	"
"	6 -	= 1857	"
"	8 -	= 13012	"
	Total	= 43468	"

Stripping Writeoff - None

Scale 1" = 100.
Factor = 18.07 = 59 yds
Vernier @ 34.

DREDGE N° 10

JUNE 1940.

DREDGE OPERATED 30 days.

DREDGE Dug - 664 hrs - 10 min = 27.67 days = 92.25%.
" LOST - 55 " - 50 " = 2.33 " = 7.75%

AVG HEIGHT OF BANK. = 4.9 FT
AV. DEPTH " " = 19.8 FT.
TOTAL DEPTH 24.7 FT.

SURFACE — 3140 3915 4699 5483 6267 / 3915 4699 5483 6267 / 775 784 784 784 779 = 779 x 18.07 = 14,076 sq yds.

BEDROCK — 7028 7803 8583 9358 / 6258 7028 7803 8583 / 770 775 780 775 = 775 x 18.07 = 14,004 sq yds.
2)28080
AV. AREA. 14,040 sq yds

TAILINGS — 9997 0604 1210 / 9391 9997 0604 = 606 x 18.07 = 10,950 " "
606 607 606

Total 14 040 x 24.7/3 = 115,596 cu yds.

Tailings 10 950 x 24.7/3 = 90,155 cu yds.

VIRGIN 25,441 cu yds.

115596/27.67 = 4177 cu yds per day running time

115596/30 = 3853 cu yds per day elapsed time

Pond Elev - 1978'
Claims dredged - 1619 BLD Dom.
Surface area - 2.91 Acres
Avg. Width cut - 150'
" length " - 770'

No Thawing Writeoff

No Stripping Writeoff

10679 × 9 = 96111

10607 × 9 = 95463

10643 × 9 = 95787

8385 × 9 = 21465

95787 + 21465 = 74322

Scale 1" = 100'
Fac. - 18.07 = sq. yds.
Vernier @ 34.

DREDGE #10

JULY, 1940.

DREDGE OPERATED 31 DAYS.

" DUG 661 HRS. 30 MIN. = 27.56 DAYS = 88.91%
" LOST 82 " 30 " = 3.44 " = 11.09%

AVG HGT BANK = 4.0 FT.
" DEPTH = 20.3 "
TOTAL " = 24.3 "

Surface 2469 1877 593 4733 3643 590 — 591 x 18.07 = 10679 Sq Yds

Bedrock 5421 4832 589 6006 5421 585 — 587 x 18.07 = 10607

2 | 21386

Avg. Area = 10643

Virgin 669 669 133 684 669 13 — 132 x 18.07 = 2385 Sq Yds

$10643 \times \frac{8.1}{24.3} = 86208$ Cu Yds.

$\frac{86208}{31} = 2781$ Cu. Yds per day elapsed time

$\frac{86208}{27.56} = 3128$ " " " running "

Virgin = $2385 \times \frac{8.1}{24.3} = 19318$ Cu Yds

Tailings = 86208
− 19318
= 66890 Cu. Yds.

Chk-d. GGF.

Pond elev. - 1976.8
Claims dredged - 1941 BLD Dam
Surface area - 2.21 acres.
Avg Width of cut 170'
" length - " 500'

No Thaw or Stripping Writeoff

Area Tailings Surface = 1x6xx Sq Yds
" Virgin " = 3668 " "
16x90

3668
9
33012

1x6xx
9
11398

16x90
9
14610

14335
3x78
1074
11

Thaw. Writeoff

Block 9 - 7735 − 6947 = 788 ✓ ; 7519 − 7235 = 284 ✓ ; 286 ✓ × 162.6 = 46503 ✓ × 22.8 / 27 = 39269 ✓ Cu Yds.

Block 10 - 7621 − 7358 = 263 ✓ ; 7885 − 7621 = 264 ✓ ; 264 ✓ × 162.6 = 42926 ✓ × 22.6 / 27 = 35931 ✓ " "

Total = 75200 ✓ " "

All 1939 Thaw

Stripping Write off

37-38 All = 7589 Cu Yds.

38-39 All = 10540 ✓ " "

Total 18129 " "

18503 / 164 = 113

18738 / 1686 = 111

18973 / 1707 = 111

1" = 100'
Fac = 18.07
= Sq Yds

Dredge № 10 — September 1940

Dredge operated 30 days.
- dug 655 hrs 30 min = 27.31 days = 91.04 %
- lost 64 - 30 - = 2.69 - = 8.96 %

Avg Hgt Bank = 3.6 Ft.
- Depth = 20.2 -
Total - = 23.8 -

Surface $\frac{205}{6964}\ \frac{4105}{3056}$ $\frac{}{1051}\ \frac{}{1049}$ 1050 × 18.07 = 18973 Sq Yds

Bedrock $\frac{6175}{5150}\ \frac{7198}{6175}$ $\frac{}{1025}\ \frac{}{1023}$ 1024 × 18.07 = 18503
2 | 37476
Avg Area = 18738

$$\frac{18738 \times 23.8}{3} = 148654 \text{ Cu. Yds.}$$

6246

$\frac{148654}{30}$ = 4955 Cu. Yds. per day elapsed time

$\frac{148654}{27.31}$ = 5443 - - - - running

Tailings $\frac{1094}{0570}\ \frac{1615}{1094}\ \frac{2144}{1615}$ $\frac{}{524}\ \frac{}{521}\ \frac{}{529}$ 525 × 18.07 = 9486 Sq Yds.

$$\frac{9486 \times 23.8}{3} = 75255 \text{ Cu. Yds Tailings}$$

3162

148654
- 75255
= 73399 Cu. Yds Virgin

G.G.F.

Pond Elev. - 1970.7
Claims dredged - 17 & 18 BLD. Dom.
Surface area - 3.92 Acres
Avg Width Cut - 200 Ft.
- Length - 750 -

26.5
24.0

THAWING WRITEOFF.

1939

Block # 9 Remainder — 18631 cu yds

10 Remainder — 7993 ~ ~

11 — 0264 9892 372 / 0636 0264 372 = 372 × 162.6 = 60487 × 26.5/27 = 59367 ~ ~

12 — 0646 0548 98 / 0744 0646 98 = 98 × 162.6 = 15935 × 24.0/27 = 14164 ~ ~

Total. 100155 yds³

STRIPPING WRITEOFF.

Line # 39 — All — 10840 cu. yds.

~ # 40 — All — 11292 ~ ~

~ # 41 — 8723 8508 215 / 8935 8723 212 — 213

~ # 42 — 6514 6347 147 / 6662 6514 148 — 148 — 181 × 60.22 — 10900 ~ ~

Total. 33032 ~ ~

361

Scale 1" = 100'
Fac 18.07 = Sq. yds.
Vernier at 34

DREDGE Nº 10

OCTOBER 1940

DREDGE operated 31 Days.

dug 654 Hrs 10 min. = 27.26 days = 87.93 %
lost 89 " 50 " = 3.74 " = 12.07 %

Avg. Hgt of Bank: 3.5 Feet
" Depth. : 20.1 "
Total " : 23.6 "

SURFACE

3509	4430	5345
2597	3509	4430
912	921	915

914 x 18.07 = 16516 Sq. yds.

BEDROCK

7124	7997
6248	7124
876	873

875 x 18.07 = 15811

2 | 32327

16164

16164 x 23.6/3 = 127157 cu. yds. Total.

127157 / 31 = 4102 cu. yds per day – elapsed time

127157 / 27.26 = 4665 cu. yds. per day – running time

Tailings

5660	5979
5342	5660
318	319

319 x 18.07 x 23.6/3 = 45343 cu. yds.

Virgin = 127157 – 45343 = 81814 cu. yds.

127157
45343
81814

Pond elev.	: 1970.3
Claims dredged.	: #18 B.L.D
Surface Area.	: 3.41 Acres.
Avg. Length of cut:	600'
" Width of cut:	250'

16516 x 5764 / 9 / 2768 Vir. Slant

15811 x 5764 / 9 / 4043 Vir B.R

5764 / 9 / 1846 Tails

16164 x 5764 / 9 / 10400 / 3600

No Stripping or throwing waste off.

1" = 100'
Fac = 18.07
Ver. at 34

Dredge 14 - 10 — November 1948

closed down Nov 11 - 9:00 a.m.

Dredge operated 10 days
- dug 13+ hrs 40 min = 1.73 days = 1.728
- lost 10+ - 20 - = 4.47 - = 44.5 x 10

Avg Ht Bank = 2.5 Ft.
- Depth = 25.8 -
Total - = 28.3 -

Tails { Surface 1349 / 110 — 1438 / 1349 / 89 — 110 x 18.07 = 1988 Sq.yds.

Bedrock - 1561 / 1450 / 111 — 1671 / 1561 / 111 — 111 x 18.07 = 2006 - -

= 3994

Avg Area = 1997 - -

1997 x 28.3/3 = 18838 CuYds

18836 / 10 = 1884 Cuyds per day elapsed time

18838 / 5.53 = 3406 - - - - running time

Pond Elev 1970.0
Claims dredged - 18 BLO Com.
Surface Area - 0.41 Acres
Avg width cut - 140'
- length - - 40'

Chkd G.G.F.

NO STRIPPING OR THAWING WRITE-OFF.

Scale: 1" = 100'
Fac. 17.57 = Sq Yds
Vernier @ 34.00

DREDGE № 10

APRIL - 1941

Started Apr - xx - x:xx pm
Last Time Apr xx - 7:00 A.M.

DREDGE OPERATED 9 days.
" DUG 190 hrs 35 min - 7.94 days - 88.23 %
" LOST 25 " 25 " - 1.06 days = 11.77 %

AVG HGT. OF BANK 1.4 Ft
AVG DEPTH. 27.1 "
TOTAL DEPTH. 28.5 "

SURFACE: $\frac{6195}{6092}\ \frac{6298}{6195}$ $\frac{}{103}\ \frac{}{103}$ = 103 x 17.57 = 1810 Sq Yds

BEDROCK: $\frac{6463}{6369}\ \frac{6554}{6463}\ \frac{6646}{6554}$ $\frac{}{94}\ \frac{}{91}\ \frac{}{92}$ = 92 x 17.57 = 1616 Sq Yds.

2)3426
AVG AREA 1713 Sq Yds

TOTAL $1713 \times \frac{28.5}{3} = 16{,}274$ Cu Yds.

$\frac{16274}{9}$ = 1808 Cu Yds per day Elapsed Time.

$\frac{16274}{7.94}$ = 2050 Cu. Yds per day Digging Time.

Pond Elev 1968.5
Claims dredged 18 Below L.D. Dam
Surface Area 0.37 Acres
Avg Width of cut 200 Ft.
" Length " 80 "

THAWING WRITEOFF

UNIT # 15 — 8012 − 7644 = 368; 8752 − 8384 = 368 = 368 × 158.1 = 58181 × 24.0/27 = 51716 cu. yds.

UNIT # 18 — 8327 − 8294 = 33; 8362 − 8327 = 35 = 35 × 158.1 = 5534 × 26.9/27 = 5493

Total 57209 yds^3

STRIPPING WRITEOFF

X-Line # 44 = 0

" 45 — 8815 − 8735 = 80; 8894 − 8815 = 79 = 80 = 40 × 58.56 = 2342 cu. yds.

" 46 — 9052 − 8982 = 70; 9122 − 9052 = 70 = 70 = 75 × 58.56 = 4392 " "

" 47 = 0 = 35 × 58.56 = 2050 " "

Total 8784 cu yds

Scale 1" = 100'
Fac. 17.57 = Sq. yds.
Vernier at 34

DREDGE No. 10

MAY 1941

DREDGE OPERATED 31 Days.
DUG 676 Hrs. 25 min = 28.18 Days = 90.92 %
LOST 67 " 35 " = 2.82 " = 9.08 %

Avg. Height of Bank = 3.0 Feet
Depth. = 21.5 "
Total " = 24.5 "

SURFACE: 3070 / 2378 / 747 ; 3811 / 3070 / 741 ; 4558 / 3811 / 747 = 743 × 17.57 = 13055 Sq. yds.

BEDROCK: 5237 / 4540 / 697 ; 6620 / 5922 / 698 ; 7316 / 6620 / 696 = 697 × 17.57 = 12246

2 | 25301

Avg. Area. 12651

12651 × 24.5/3 = 103317 cu. yds. Total.

103317 / 31 = 3333 cu yds per day elapsed time

103317 / 28.18 = 3666 cu. yds. per day running time

Pond Elevation - 1961.7
Claims dredged - 18+19 Below L.D. Dam.
Surface Area - 2.70 Acres.
Avg. Width Cut - 875 Ft
" Length " - 400 "

Thawing Writeoff

Unit # 18 — 2723 − 2567 = 156; 2809 − 2723 = 156 = 156 × 158.1 = 24664 sqft × 26.8/27 = 24481 Cu Yds

Unit # 20 — 4100 − 3501 = 499; 4501 − 4000 = 501 = 500 × 158.1 = 79050 sqft × 20.9/27 = 61191 Cu Yds

Unit #22 — 5250 − 4863 = 387; 5635 − 5250 = 385 = 386 × 158.1 = 61027 sqft × 17.9/27 = 40459 Cu Yds

Total 126,131 Cu Yds

STRIPPING WRITE OFF.

X 46			0		
47	6024 − 5986 = 38	6060 − 6024 = 36	= 37	18.5 × 58.56 =	1083 Cu Yds.
48	6554 − 6504 = 50	6605 − 6554 = 51	= 51.	44.0 × " =	2577 " "
49	5177 − 5046 = 131	5309 − 5177 = 132	= 131.	91.0 × " =	5329 " "
50	5653 − 5519 = 134	5785 − 5653 = 132	= 133	132.0 × " =	7730 " "
51	5655 − 5533 = 122	5778 − 5655 = 123	= 123	128.0 × " =	7496 " "
52	5651 − 5492 = 159	5812 − 5651 = 161	= 160	141.5 × " =	8286 " "
53	5393 − 5234 = 159	5553 − 5393 = 160	= 160	160.0 × " =	9370 " "
54				80.0 × " =	4685 " "
				Total =	46,556 Cu Yds

1" = 100'
Vernier at 34
Fac = 17.57 = Sq. Yds

Dredge No. 10 — June 1941

Dredge operated 30 days
- dug 664 hrs 35 min = 27.69 days = 92.30 %
- lost 55 - 25 - = 2.31 - = 7.70 %

Avg Hgt Bank = 3.1 Ft.
- Depth = 16.8 - -
Total - = 19.9 - -

Surface $\frac{6992}{5832}$ $\frac{7963}{6792}$ $\frac{9136}{7963}$ = 1172 X 17.57 = 20592 Sq Yds.
1160 1171 1173

Bedrock $\frac{8234}{9112}$ $\frac{1348}{0234}$ $\frac{2460}{1348}$ = 1113 X 17.57 = 19555
1122 1114 1112

2 | 40147
Avg Area. = 20073 Sq Yds.

$\frac{691}{20073} \times \frac{19.9}{3}$ = 133,151 Total Cu Yds.

$\frac{133151}{30}$ = 4438. Cu Yds per day - Elapsed Time.

$\frac{133151}{27.69}$ = 4809. Cu Yds per day - Digging Time.

Pond Elev - 1954.5
Claims dredged - 19-20-21 B.L.O. Dom.
Surface Area - 4.75 Acres
Avg Width Cut - 250 Ft.
- Length - 700 -

20592 19555 20073
9 9 9
185328 175995 180657

Thawing Write off

Block 22 — 9866 / 9742 / 119 — 0097 / 6980 / 117 — 118 × 18.1 = 1862.6 × 17.9 / 27 = 1,368 Cu.Yds.

" 24 — 0635 / 0143 / 492 — 1144 / 0635 / 510 — 511 × 18.1 = 80789 × 17.9 / 27 = 53560 "

" 26 — 2210 / 1994 / 216 — 4056 / 3243 / 813 — 515 × 18.1 = 81422 × 18.4 / 27 = 5548 "

" 28 — 3928 / 3890 / 38 — 4014 / 3974 / 41 — 40 × 18.1 = 634.4 × 19.6 / 27 = 491

Total Write off = 16007

Stripping Write off

X Sec 23

.3 of 24

23 × 18.26 = 3104 Cu. Yds.

" " 24 — 9746 / 9569 / 177 — 9922 / 9746 / 176 — 176 — 188 × 18.26 = 11009

" " 25 — 9973 / 9772 / 201 — 0170 / 9973 / 197 — 200 — 198 × 18.26 = 11595

" " 26 — 9973 / 9777 / 196 — 0169 / 9973 / 196 — 196 — 210 × 18.26 = 12798

" " 27 — 0898 / 0672 / 226 — 1121 / 0898 / 223 — 224 — 222.5 × 18.26 = 13030

" " 28 — 1501 / 1280 / 221 — 1722 / 1501 / 221 — 221 — 218 × 18.26 = 12766

" " 25 — 2371 / 2156 / 215 — 2586 / 2371 / 215 — 215 — 219 × 18.26 = 12825

" " 60 — 2749 / 2528 / 221 — 2974 / 2749 / 225 — 223 — 15.9 × 18.26 = 9311

" " 61 — 3300 / 3206 / 94 — 3395 / 3300 / 95 — 95 — 28.5 × 18.26 = 1669

.3 of 41.

" " 62

Total Write off 87607

1" = 100'

V. at 34

Fac = 17.57

= 5q Yds

Dredge No 10 - July 1941

Dredge operated 31 days

- dug 598 hrs 15 min = 24.93 days = 80.41%
- lost 145 - 45 = 6.07 - = 19.59%

Avg Hgt Bank = 2.8 Ft.

- Depth = 15.8 -

Total - = 18.6 -

Surface Area

$\frac{1573}{1263}$ $\frac{700}{1570}$ $\frac{875}{700}$ $\frac{}{1750}$ 1750 x 17.57 = 22314 Sq Yds

Bedrock Area $\frac{9470}{8260}$ $\frac{}{1210}$ $\frac{0650}{9470}$ $\frac{}{1710}$ 1210 x 17.57 = 21260

2 | 43574

Avg Area = 21787

$21787 \times \frac{6.2}{3} = 135079$ Cu Yds

$\frac{135079}{31} = 4357$ Cu Yds per day elapsed time

$\frac{135079}{24.93} = 5418$ - - - - running -

alm

Pond Elev - 1948.5

Claims dredged - 21-22-23 BLD Com.

Surface Area - 4.61 Acres.

Avg Width Cut - 250

- Length - 770

22314 x 21260 x 21787

9 9 9

208216 2361 2420

THAWING WRITE-OFF

BLOCK # 27 — 1140 / 1027 / 113 ; 1253 / 1140 / 113 = 113 x 158.1 = 17,865 Sqft x 17.5/27 = 11,579 Cu Yds.

" # 28 — 1588 / 0989 / 599 ; 2790 / 2191 / 599 = 599 x " = 94,702 " x 19.6/27 = 68,747 " "

" # 29 — 2929 / 2869 / 30 ; 2957 / 2929 / 28 = 29 x " = 4,585 " x 19.1/27 = 3,243 " "

" #30 — 4664 / 4273 / 391 ; 5057 / 4664 / 393 = 392 x " = 61,975 " x 19.9/27 = 45,678 " "

" #31 — 5530 / 5470 / 60 ; 5588 / 5530 / 58 = 59 x " = 9,328 " x 20.3/27 = ~~6,946~~ 7013 " "

TOTAL = ~~136,193~~ 136260 " "

1940 thaw = 83569 Cu Yds

1941 " = 52691

Total = 136260

STEPPING WRITE-OFF.

X^n. 61 -

80ft-only. (8/10 of Poly - X^n 62

X^n-62 - 5227 / 5100 / 127 ; 5353 / 5227 / 126 = 126

X^n-63 - 6136 / 5905 / 231 ; 6364 / 6136 / 228 ; 6596 / 6364 / 232 = 230

X^n-64 - 6821 / 6520 / 301 ; 7125 / 6821 / 304 ; 7422 / 7125 / 297 = 301

X^n. 65 - ~~7998~~ / ~~7722~~ / 276 ; 8271 / 7998 / 273 ; 8544 / 8271 / 273 = 273

X^n 66 - 1725 / 1420 / 305 ; ~~2035~~ / ~~1715~~ / ~~320~~ ; 2340 / 2035 / 305 = 305

100.8 x 58.56 = 5,903 Cu Yds.

178.0 x " = 10,424 " "

265.5 x " = 15,548 " "

287.0 x " = 16,807 " "

289.0 x " = 16,924 " "

TOTAL. 65,606 " "

1" = 100'

Vernier at 34.0

Factor 17.57 Sq Yds.

DREDGE No. 10 — AUGUST - 1941.

DREDGE OPERATED - 31 days.

" DUG - 564 hrs - 20 min = 23.51 days = 75.85 %

" LOST = 179 " 40 " = 7.49 " = 24.15 %

AVG HGT OF BANK - 3.2 ft

" DEPTH = 15.9 "

TOTAL DEPTH = 19.1 '

SURFACE: $\frac{6155}{4953}\ \frac{7358}{6155}\ \frac{8559}{7358}$ / 1202 / 1203 / 1201 = 1202 x 17.57 Sq Yds = 21119 Sq Yds

BEDROCK: $\frac{9739}{8605}\ \frac{9878}{9739}\ \frac{3142}{2006}$ / 1134 / 1139 / 1136 = 1135 x 17.57 Sq Yds = 19942 Sq Yds

2 | 41061

AVG AREA. 20530 Sq Yds

20,530 x 19 1/3 = 130,708 Cu Yds (Total)

$\frac{130,708}{31}$ = 4216 Cu Yds Per day Elapsed Time.

$\frac{130,708}{23.51}$ = 5560 Cu Yds Per day Digging Time.

Pond Elev - 1947.6

Claims dredged - 3 & 4 B.L.D. Dom.

Surface Area - 4.36 Acres.

Avg Width of Cut - 210 Ft.

" Length " - 880 '.

$\frac{21119}{9}$ = 190071 $\frac{1994}{9}$ = 17947.8 $\frac{20530}{9}$ = 184770

Thawing Writeoff

Block 21 -	4341 / 4203 / 138	4476 / 4341 / 135	136 × 138.1 = 2150 × 23.2/27	= 1847.6	Cu. Yds.
22 -	4597 / 4453 / 144	4743 / 4597 / 146	145 × 138.1 = 2294 × 17.9/27	= 1519.8	
23 -	4990 / 4779 / 211	5200 / 4990 / 210	210 × 138.1 = 3320 × 19.1/27	= 2348.7	
24 -	Remainder			= 2481.2	
25 -	5207 / 5307 / 100	5912 / 5712 / 200	200 × 138.1 = 3160 × 18.8/27	= 2201.7	
26 -	Remainder			= 2246.0	
27 -	6134 / 6071 / 63	6198 / 6134 / 64	64 × 138.1 = 1011.8 × 17.5/27	= 655.8	
28 -	Remainder			= 937	
				Total = 14225	

Stripping Writeoff

X Sec 3 -	2716 / 2558 / 158	2875 / 2716 / 159	158	142 × 58.6 = 8315	Cu. Yds
24 -	3494 / 3367 / 127	3213 / 3085 / 128	3367 / 3242 / 125	126	
25 -	4678 / 4590 / 88	4764 / 4678 / 86	87	107.5 x 1 = 6295	
26 -	4940 / 4850 / 90	5030 / 4940 / 90	90	88.5 x 1 = 5183	
27 -	5230 / 5140 / 90	5324 / 5230 / 94	92	91 x 1 = 5329	
28 -	5803 / 5703 / 100	5903 / 5803 / 100	100	96 x 1 = 5622	
29 -	6131 / 6017 / 114	6253 / 6131 / 122	120	110 x 1 = 6442	
60 -	6107 / 6024 / 83	6191 / 6107 / 84	84	102 x 1 = 5973	
61 -	7644 / 7558 / 86	7727 / 7644 / 83	84	84 x 1 = 4919	
62 -	8028 / 7961 / 67	8093 / 8028 / 65	66	75 x 1 = 4392	
63 -			0	33 x 1 = 1932	
				Total = 54402	

Scale 1" = 100'
Vernier @ 34.00
Factor 17.57 = Sq Yds

DREDGE No. 10

SEPTEMBER 1941

DREDGE OPERATED = 30 days
" DUG = 653 hrs or min = 27.21 days = 90.7%
" LOST = 66 " 55 " = 2.79 " = 9.29%

AVG HGT. OF BANK = 4.0 Ft
" DEPTH = 14.9 "
TOTAL DEPTH = 18.9 "

Surface - 6489 7578 8787
5030 6489 7578
1259 1089 1209

1259 x 17.57 = 22121 Sq. Yds.

Bedrock - 0060 2250
8803 1295
1257 1255

1256 x 17.57 = 22068
2 | 44189
Avg. Area = 22095

$$22095 \times \frac{6.3 \times 18.9}{3} = 139198 \text{ Cu. Yds}$$

$\frac{139198}{30} = 4640$ Cu. Yds per day elapsed time

$\frac{139198}{27.21} = 5116$ " " " running "

G.G.F.

Pond Elev - 1953.1
Claims dredged - 21-22-23 B.L.D. Dorn
Surface Area - 4.57 Acres.
Avg Width Cut - 200 Ft
" Length - 980 "

22121 22068 22095
9 9 9
199089 198612 198855

THAWING WRITEOFF

UNIT #18 0646 / 0617 / 29 ; 0675 / 0646 / 29 — 29 × 158.1 = 4585 × 23.6/27 = = 40.08 Cu. Yds.

#18 0860 / 0695 / 165 ; 1025 / 0860 / 165 — 165 × 158.1 26087 × 26.8/27 = . 25894

#19 1144 / 0940 / 204 ; 1346 / 1144 / 202 — 203 × 158.1 = 32094 × 24.1/27 = 28647 Cu. Yds.

#20 1691 / 1358 / 333 ; 2022 / 1691 / 331 — 332 × 158.1 Remainder = 41296 Cu. Yds.

#21 2195 / 2109 / 86 ; 2281 / 2195 / 86 — 86 × 158.1 = 13597 × 23.2/27 = 11683

#22 2436 / 2314 / 122 ; 2558 / 2436 / 122 — 122 × 158.1 Remainder = 13850

TOTAL 125378 Cu. Yds.

STRIPPING WRITEOFF

X-47 3418 / 3349 / 71 ; 3485 / 3418 / 67 ; 3554 / 3485 / 69 = 69

64 × 58.56 = 3748 Cu. Yds.

X-48 2769 / 2709 / 60 ; 2827 / 2769 / 58 = 59

67 × 58.56 = 3924

X-49 2112 / 2038 / 74 ; 2187 / 2112 / 75 = 75

66 × 58.56 = 3865

X-50 2357 / 2300 / 57 ; 2414 / 2357 / 57 = 57

62 × 58.56 = 3631

X-51 3320 / 3252 / 68 ; 3387 / 3320 / 67 = 67

99.5 × 58.56 = 5827

X-52 2823 / 2691 / 131 ; 2955 / 2823 / 132 = 132

145.5 × 58.56 = 8520

X-53 2050 / 1891 / 159 ; 2209 / 2050 / 159 = 159

TOTAL 29515 Cu. Yds.

GGF.

Scale 1" = 100'
Fac. 17.57 Sq. yds
Vernier at 34.

DREDGE Nº 10 — OCTOBER 1941

DREDGE OPERATED 31 DAYS.

DUG 671 Hrs 40 min = 27.99 Days · 90.28 %
LOST 72 - 20 - = 3.01 - = 9.72 %

Avg. HEIGHT of BANK 5.5 Feet
DEPTH. 15.7 -
TOTAL - 21.2 -

SURFACE $\frac{5282}{4348}{}_{934}$ $\frac{6213}{5282}{}_{931}$ $\frac{9146}{6213}{}_{933}$ 933 X 17.57 = 16393 Sq. yds.

BEDROCK $\frac{8029}{7098}{}_{931}$ $\frac{8968}{8029}{}_{939}$ $\frac{9904}{8968}{}_{936}$ 935 X 17.57 = 16428 - -

2. 32821

Avg. Area: 16411 - -

16411 X 21.2/3 = 115971 Cu. Yds. TOTAL.

$\frac{115971}{31}$ = 3741 Cu. yds. per day Elapsed Time

$\frac{115971}{27.99}$ = 4143 - - - - Running Time

chkd GGF.

Pond Elev - 1959.6
Claims dredged - 16-20-21 BLD Dom.
Surface Area - 3.39 Acres.
Avg Width Cut - 250'
" Length " - 600'

$\frac{16393}{4}$ $\frac{16428}{4}$ $\frac{16411}{4}$

14734 14785 14769

Thawing Writeoff

Block 18 - Remainder = 4110 Cu Yds

17 - ½ x 47 = 23 x 158.1 = 3636 x 23.6 / 27 = 3178

Total = 7288

Stripping Writeoff

Between 46-47 = 1581 Cu. Yds.

Scale 1" = 100'
Factor 17.57 - Sq Yds.
Vernier @ 34.00

DREDGE Nº 10. NOVEMBER 1941

Dredge shut down Nov. 3 - 11:00 pm.
For Lost Time Nov 4 - 7:00 A.M.

DREDGE OPERATED: 3 days.
" DUG: 56 hrs 00 min = 2.33 days = 77.78 %.
" Lost: 16 " 00 min = 0.67 " = 22.22 %.

Avg Hgt of Bank: 6.0
" Depth. : 17.0
Total Depth. : 23.0

Avg. Area. $\frac{0199}{0157}$ $\frac{0147}{0199}$ $\frac{}{47}$ $\frac{}{48}$ $47 \times 17.57 = 825$ Sq. Yds

$825 \times \frac{23.0}{3} = 6325$ Cu Yds.

$\frac{6325}{3} = 2108$ Cu Yds. per day elapsed time

$\frac{6325}{2.38} = 2715$ " " " running

Claims dredged - 19 B.L.D. Dom.
Surface Area - 0.17 Acres.
Avg Width Cut - 200'
" Length " - 35'

GGF

$4840 / 825 \overline{)} .17$
4840
34100

$\frac{825}{9}$
7425

THAWING WRITE OFF

BLOCK 14 – $\frac{9201}{8968}\ \frac{9436}{9201}$ $\frac{233}{235}$ = $234 \times 158.1 \times \frac{23.2}{27}$ = 31789 Cu. Yds

BLOCK 15 – $\frac{9517}{9436}\ \frac{9600}{9517}$ $\frac{81}{83}$ = $82 \times 158.1 \times \frac{24.0}{27}$ = 11524

BLOCK 17 – $\frac{9701}{9697}\ \frac{9707}{9701}$ $\frac{04}{06}$ = $5 \times 158.1 \times \frac{23.6}{27}$ = 691

TOTAL = 44004

Stripping Writeoff

XN 44 0

54.5 × 58.56 = 3191 Cu. Yds.

XN 45 $\frac{4021}{3914}\ \frac{4137}{4021}$ $\frac{107}{111}$ 109

113.5 × 58.56 = 6646

XN 46 $\frac{3814}{3696}\ \frac{3932}{3814}$ $\frac{118}{118}$ 118

59.0 × 58.56 = 3455

XQ 47 0

13949

DREDGE N° 10 APRIL 1942

SCALE 1" = 100'
FACTOR 17.57 = SQ YDS
VERNIER @ 34

DREDGE STARTED OPERATING APR 11th 1.45 PM
LOST TIME SUMMARY - 7.00 A.M.

DREDGE OPERATED 20 DAYS
DUG 441 Hrs 30 MINS = 18.40 DAYS = 91.98 %
LOST 38 30 = 1.60 = 8.02 %

AVE HEIGHT OF BANK = 4.9 FT
DEPTH = 16.7
TOTAL = 21.6

SURFACE = $\frac{7872 - 7545}{327}$ $\frac{8200 - 7872}{328}$ = 328 x 17.57 = 5763 SQ. YDS

BEDROCK = $\frac{8557 - 8225}{332}$ $\frac{8889 - 8557}{332}$ = 332 x 17.57 = 5833 SQ. YDS.

2 | 11596

AVE AREA = 5798 SQ YDS

$5798 \times \frac{7.2}{3} \times \frac{21.6}{3}$ = 41746 CU. YDS

$\frac{41746}{20}$ = 2087 CU. YDS PER DAY ELAPSED TIME

$\frac{41746}{18.40}$ = 2269 DIGGING TIME

POND ELEVATION = 1960.0
CLAIMS DREDGED = 19 B.L.D. DOMINION
SURFACE AREA = 1.19 ACRES
AVE WIDTH OF CUT = 230'
LENGTH = 230

763	833	798
9	9	9
1867	4497	2182

THAWING WRITE OFF

UNIT 11 = REMAINDER = = 22903 CU YDS

UNIT 12 = REMAINDER = = 18061 CU. YDS

UNIT 13 = $\frac{0170\ 0346}{9991\ 0170}$ = 178 × 158.1 × $\frac{27.2}{27}$ = 28350 CU. YDS

UNIT 14 = $\frac{0816\ 0973}{0629\ 0787}$ = 186 × 158.1 × $\frac{23.2}{27}$ = 25268

UNIT 15 = REMAINDER = 2287

TOTAL WRITE OFF = 96869 CU. YDS

STRIPPING WRITE OFF

X-41

REMAINDER = 2802 CU. YDS

X-42

= 12613

X-43

= 11142

X-44

= 9490

X-45

½ REMAINDER = 4176

X-46

TOTAL WRITE OFF = 40223 CU. YDS

J.C.C.

Scale 1" = 100'
Fac. 17.57
= Sq. yds.

DREDGE Nº 10

MAY 1942

Dredge operated 31 Days
dug. 670 Hrs. 20 min. = 27.93 days = 90.10%
lost 73 " 40 min. = 3.07 " = 9.90%

Avg. Height of bank = 5.5 Feet
" Depth = 16.5 "
Total " = 22.0 "

Surface: $\frac{7121}{6359}\ \frac{7881}{7121}$ / 762 / 760 = 761 × 17.57 = 13371 Sq. Yds

Bedrock: $\frac{8722}{7923}\ \frac{9519}{8722}$ / 799 / 797 = 798 × 17.57 = 14021 Sq. Yds

2 | 27392

AVE. AREA = 13696 Sq Yds

$13696 \times \frac{22.0}{3} = 100437$ Total Cu. Yds

$\frac{100437}{31} = 3240$ Cu. Yds per day Elapsed Time

$\frac{100437}{27.93} = 3596$ " " " Digging Time

POND ELEV = 1963.3
CLAIMS DREDGED = 18 & 19 B.C.D. Dominion
SURFACE AREA = 2.76 ACRES
AV WIDTH OF CUT = 200
" LIENGTH " " = 570

J.C.C.

$\frac{13371}{9} = 1486$ $\frac{1406}{9} = 156$ $\frac{13696}{9} = 1522$

120339 14189 13724

THAWING WRITE OFF

UNIT 13 REMAINDER ——— = 26780 CU YDS

14 ——— = 6628

16 ALL ——— = 71772

17 REMAINDER ——— = 5708

19 $\frac{1517}{1239}{}_{278}$ $\frac{1799}{1517}{}_{282}$ = $280 \times 158.1 \times \frac{24.1}{27}$ = 39513

150401 Cu. Yds.

6379
691
5708

STRIPPING WRITE OFF

X-45 = REMAINDER = 4175 CU. YDS

14997
10822
4175

6646
4176
16822

X-46 = ——— = 8743

12198
3455
8743

X-47 = ——— = 9513

X-48 = ——— = 11517

X-49 = ——— = 14780

X-50 = ——— = 21726

X-51 = ——— = 22714

X-52

TOTAL WRITE OFF = 93168 CU. YDS

Scale 1" = 100'
Fac. 17.57
= Sq. yds.

DREDGE № 10

JUNE 1942

Dredge operated 30 Days
dug 649 Hrs. 15 min. = 27.05 Days = 90.17%
lost 70 " 45 " = 2.95 " = 9.83%
Avg. Height of Bank = 3.8 Feet
Depth = 16.7 "
Total " 20.5 "

Surface: $\frac{6924}{5909}\ \frac{7942}{6924}\ \frac{8957}{7947}$ / 1015 / 1018 / 1015 = $1016 \times 17.57 = 17851$ SQ YDS

Bedrock: $\frac{9993}{8988}\ \frac{1003}{9993}\ \frac{2014}{1003}$ / 1005 / 1010 / 1011 $1009 \times 17.57 = 17728$ SQ YDS.

2 | 35579

AVE AREA = 17790

$17790 \times \frac{20.5}{3} = 121565$ TOTAL CU. YDS

$\frac{121565}{30} = 4052$ CU. YDS PER DAY ELAPSED TIME

$\frac{121565}{27.05} = 4494$ " " " " DIGGING "

POND ELEVATION = 1956.0
CLAIMS DREDGED = 19220 B.L.D. ON DOMINION
SURFACE AREA = 3.69 ACRES.
AVE WIDTH OF CUT = 250'
" LENGTH " " = 650'

$\frac{17851}{9}$ $\frac{17728}{9}$ $\frac{17790}{9}$

160659 159552 160110

4423'
3453
4718

Thawing Write off

UNIT # 19 Remainder 4718

21 60281

23 43306

25 $\frac{5327}{5080}\ \frac{5576}{5327}$ $\frac{247}{}$ $\frac{249}{}$ = 248 X 158.1 X $\frac{18.8}{27}$ = 27298

TOTAL WRITE OFF = 135603 Cu Yds

Stripping Writeoff

Line # 52 ↳ Remainder 19326

53 18065

54 14491

55 12551

56 9835

57 9229

58 8165

59 6165

60 ½ Remainder 2535

61

TOTAL WRITE OFF = ~~100412~~ 100370 Cu Yds

Scale 1" = 100'
Fac 17.57 Sq. yds.
Vernier at 34

DREDGE Nº 10

JULY 1942

Dredge operated 31 Days
dug. 664 Hrs - 0 MINS = 27.54 DAYS = 88.84 %
lost 83 - 0 = 3.46 = 11.16 %

Avg. Height of Bank := 4.0 FT
Depth = 14.9
Total = 18.9

SURFACE — 7460 / 6308 / 11.52 ; 8619 / 7460 / 1159 ; 9780 / 8619 / 11.61 — 1160 X 17.57 = 20381 SQ YDS

BEDROCK — 0819 / 9650 / 1169 ; 1982 / 0819 / 1163 ; 3149 / 1982 / 1167 = 1166 X 17.57 = 20487

2 | 40868

AVE AREA = 20434

20434 X $\frac{6.3}{3}$ = 128734 TOTAL CU. YDS.

$\frac{128734}{31}$ = 4153 CU. YDS PER DAY ELAPSED TIME

$\frac{128734}{27.54}$ = 4674 " " " " DIGGING "

POND ELEV = 1949.1
CLAIMS DREDGED = 20-21 & 22 B.L.D. ON DOMINION
SURFACE AREA = 4.22 ACRES
AV. WIDTH OF CUT = 200'
" LENGTH " " = 900'

20381 / 9 = 183479
20487 / 5 = 184383
20434 / 5 = 183906

THAWING WRITEOFF

UNIT # 25	Remainder		=	13144
" # 27	Remainder		=	36935
" # 29	Remainder		=	3919
" # 30	6653 6907 6397 6653 256 254	255 × 158.1 × 19.9/27	=	29711 Cu Yds
" # 31	Remainder		=	57426
" # 32	7284 7377 7193 7284 91 93	92 × 158.1 × 19.8/27	=	10665
" # 33	7445 7491 7399 7445 46 46	46 × 158.1 × 20.3/27	=	5467
				157427

STRIPPING WRITEOFF

X^E Line # 60	Remainder		=	8535
" # 61	Remainder		=	4041
" # 62	Remainder		=	6525
" # 63	Remainder		=	7425
" # 64	Remainder		=	8126
" # 65	Remainder		=	10058
" # 66	2567 2960 3355 2181 2567 2960 386 393 395	= 394		
		410 × 58.56	=	24010 Cu Yds
" # 67	4121 4546 3696 4121 425 425	= 425		
		365 × 58.56	=	21374
" # 68	5633 5936 5328 5633 305 303	= 304		
	½ of 68	76 × 58.56	=	4451
" # 69				88525

SCALE 1" = 100'
FACTOR - 17.57 = SQ YDS
VERNIER AT 34

DREDGE N° 10

AUGUST 1942

DREDGE OPERATED 31 DAYS
DUG 655 HRS - 55 MINS = 27.33 DAYS = 88.16 %
LOST 88 " 05 " = 3.67 " = 11.84 %

AVE HEIGHT OF BANK = 2.6 FEET
DEPTH = 15.5
TOTAL DEPTH = 18.1

SURFACE

0062 1582 3101 4620
8548 0062 1582 3101
1514 1520 1519 1519 = 1519 X 17.57 = 26689 SQ. YDS.

BEDROCK

8850 0368 1882
7337 8850 0368
1513 1518 1514 = 1515 X 17.57 = 26619

2 | 53308
26654 SQ YDS

AVE AREA =

$26654 \times \frac{18.1}{3} = 160812$ CU YDS TOTAL

$\frac{160812}{31} = 5187$ CU. YDS PER DAY ELAPSED TIME

$\frac{160812}{27.33} = 5884$ " " " " DIGGING

POND ELEVATION = 1946.2
CLAIMS DREDGED = 23 - 24 B. L. D. DOMINION
SURFACE AREA = 5.51 ACRES
AVE WIDTH OF CUT = 215
" LENGTH " " = 1100

44589	44619	44654
9	9	9
440401	439571	439886

THAWING WRITEOFF

UNIT # 30 Remainder = 24761

" # 32 " = 93602

" # 33 $\frac{3367}{2763}$ $\frac{3976}{3367}$ $\frac{4590}{3976}$ $\frac{5202}{4590}$ $\frac{5813}{5202}$

604 609 614 612 611

$612 \times 158.1 \times 30.3 / 27 = 72747$

WRITE OFF = 191110 Cu Yds.

STRIPPING WRITEOFF

X^tie Line 66 Remainder = 6376 Cu. Yds.

" 67 " = 9067 " "

" 68 " = 24364 " "

" 69 " = 30263 " "

" 70 " = 30593 " "

" 71

WRITE OFF = 100663 Cu Yds.

DREDGE Nº10 SEPTEMBER 1942

DREDGE OPERATED: 30 Days.
DUG : 658 Hrs 55 min = 27.45 days = 91.52 %
LOST : 61 " 05 " = 2.55 " = 8.48 %

AVG. HEIGHT of BANK: 3.1 Feet
DEPTH : 15.6 "
TOTAL " : 18.7 "

SURFACE 1369 3077 1708 × 17.57 = 30010
9661 1364
1708 1708

BEDROCK 4670 6322 7987 1663 × 17.57 = 29219
3009 4670 6322 2 | 59229
1661 1652 1665
AVE AREA = 29615

$\frac{29615}{} \times \frac{18.7}{3} = 184600$ CU YDS

$\frac{184600}{30} = 6153$ CU YDS PER DAY ELAPSED TIME

$\frac{184600}{27.45} = 6725$ " " " " DIGGING "

POND ELEVATION = 1943.2
CLAIMS DREDGED = 24126 BLD DOMINION
SURFACE AREA = 6.20 ACRES
AV WIDTH OF CUT = 270
" LENGTH " " = 1100 FT

$\frac{30010}{9}$ $\frac{9919}{9}$ $\frac{9615}{9}$

3330 1102 1068

THAWING WRITE OFF

UNIT 33 – REMAINDER = 21141 Cu. Yds

35 — 9129 − 8764 = 365; 9497 − 9129 = 368 = 367 × 158.1 × 206/27 = 44269

37 — 0859 − 0506 = 353; 1212 − 0859 = 353 = 353 × 158.1 × 205/27 = 42374

38 — 1791 − 1635 = 156; 1949 − 1791 = 158 = 157 × 158.1 × 207/27 = 19030

WRITE OFF = 126814 Cu. Yds

STRIPPING WRITE OFF

X-71 = 0510 − 0395 = 115; 0627 − 0510 = 117 = 116

= 81 × 58.56 = 4743 Cu. Yds

X-72 = 0469 − 0423 = 46; 0515 − 0469 = 46 = 46

= 45 × 58.56 = 2635

X-73 = 0832 − 0788 = 44; 0876 − 0832 = 44 = 44

= 54 × 58.56 = 3162

X-74 = 0660 − 0597 = 63; 0724 − 0660 = 64 = 64

= 54 × 58.56 = 3162

X-75 = 0754 − 0709 = 45; 0797 − 0754 = 43 = 44

= 44 × 58.56 = 2577

X-76 = 1164 − 1120 = 44; 1208 − 1164 = 44 = 44

= 57 × 58.56 = 3338

X-77 = 0797 − 0727 = 70; 0865 − 0797 = 68 = 69

= 68 × 58.56 = 3982

X-78 = 0750 − 0682 = 68; 0818 − 0750 = 68 = 68

= 55 × 58.56 = 3221

X-79 = 0895 − 0854 = 41; 0937 − 0895 = 42 = 42

= 14 × 58.56 = 820

X-79 } = 1/3 OF 79 = 14
X-80 }

WRITE OFF = ~~24478~~ Cu. Yds

27640

SCALE = 1" = 100'
FACTOR - 17.57 = SQ YDS
VERNIER @ 34

DREDGE N° 10 — OCTOBER 1942

DREDGE OPERATED 31 DAYS
DUG — 664 Hrs 55 Mins = 27.70 Days = 89.37%
LOST — 79 05 = 3.30 = 10.63%

AVE HEIGHT OF BANK = 4.1 FT
DEPTH = 16.4
TOTAL = 20.5

SURFACE — 8657 4750 7117 — 6987 8657 1117 — 1116 × 17.57 = 19608 SQ YDS

BEDROCK — 8053 6996 1057 — 9114 8053 1061 — 1059 × 17.57 = 18607 SQ YDS

2 | 38215

AVE AREA = 19108 SQ YDS

19108 × 20.5/3 = 130571 TOTAL CU. YDS

130571/31 = 4212 CU. YDS PER DAY ELAPSED TIME

130571/27.70 = 4714 " " " " DIGGING "

POND ELEVATION = 1939.3'
CLAIMS DREDGED = 24-26430 BLD DOMINION
SURFACE AREA = 4.05 ACRES.
AV WIDTH OF CUT = 150 FT
" LENGTH " " = 1000 FT.

19608	18607	19108
9	9	9
176472	167463	171972

Thawing Writeoff

1941

Block 38 – 0719 / 0314 / 405 ✓ — 1127 / 0719 / 408 ✓

406 ✓ × 158.1 × 20.7 / 27 = 4927.11 ✓ Cu. Yds.

1942

Block 40 – 1548 / 1447 / 101 — 1651 / 1548 / 103

102 × 158.1 × 22.4 / 27 = 13378 ✓ ✓ ✓

Total = 62589 ✓ ✓ ✓

Stripping Writeoff

X² Line 79 – 0

– 80 – 2842 / 2742 / 100 ✓ — 2950 / 2846 / 104 — 103 ✓

118.5 ✓ × 58.56 = 6936 – ✓ ✓

– 81 – 2034 / 1900 / 134 ✓ — 2168 / 2034 / 134 — 134 ✓

67 ✓ × 58.56 = 3924 ✓ ✓ ✓

– 82 – 0

Total = 13876 ✓ ✓

1" = 100'
Fac = 17.57 = Sq. Yds.
Ver. - 34

Dredge No. 10 - - November 1942
Shut down for season Nov. 18 - 8:30 AM.
For Lost Time Nov. 18 - 7:00 AM.

Dredge operated 17 days ✓
" dug 353 hrs 25 min = 14.73 days = 86.6 % ✓
" lost 514 - 35 = 479 " = 13.38 % ✓
Avg. Ht. Bank = 2.8 Ft. ✓
" Depth = 17.6 " ✓
Total " = 20.4 " ✓

Surface 8840 / 8299 / 541 — 9378 / 8840 / 538
540 × 17.57 = 9488 ✓ Sq. Yds. ✓

Bedrock 9873 / 9367 / 506 — 0374 / 9873 / 501
503 × 17.57 ✓ = 8838 ✓
2 | 18326
Avg. Area = 9163 ✓

9163 × 6.8 / 3 = 20.4 = 62308 Cu. Yds. ✓

62308 / 17 = 3665 Cu. Yds per day elapsed time ✓

62308 / 14.73 = 4230 " " " running ✓

✓ GGF.

Pond Elevation - 1938.7
Claims dredged - 30 & 31 BLD. Dom.
Surface Area - 1.96 Acres. ✓
Avg Width of Cut - 170 Ft.
" Length " - 510 ✓

9488 / 9 = 85392
8838 / 9 = 79542
9163 / 9 = 82467

Thawing Write off

Block 38 – $\frac{6060}{5951}\ 109$ $\frac{6172}{6060}\ 112$ $111(17.57)\frac{20.7}{3}$ = 13455 Cu. yds

Block 37 – Remainder = 53990 Cu. Yds.

Block 36 – $\frac{5842}{5812}\ 30$ $\frac{5869}{5842}\ 27$ $=8(17.57)\frac{19.5}{3}$ = 3198

Block 35 – $\frac{5897}{5511}\ 326$ $\frac{6158}{5837}\ 321$ $323(17.57)\frac{20.6}{3}$ = 38969

Block 34 – ~~$\frac{6194}{6152}\ 42$~~ $\frac{6241}{6194}\ 47$ $\frac{6287}{6241}\ 46$ $46(17.57)\frac{19.7}{3}$ = 5306

TOTAL 114918 Cu. yds.

Stripping Write off

X 79	½ of Remainder	= 4306 Cu. Yds.
X 78	½ of Remainder	= 5463
X 77	½	= 7364
X 76	½	= 9280
X 75	½	= 10178
X 74	⅓	= 6013
X 73	⅕	= 3599
X 72		

Total = 46303

1" = 100'
Fac = 17.57
= Sq. Yds
Ver. @ 34

Dredge № 10

May 1943

Started operating May 1 - 9:00 AM
Lost Time starts May 1 - 7:00 AM

Dredge operated 31 days
dug 670 hrs. 33 min = 27.94 days = 90.13 %
lost 73 - 27 - = 3.06 - = 9.87 %
Avg. Hgt. Bank = 4.4 Ft.
Depth = 11.8
Total = 20.2

Surface - $\frac{8114}{7160}$, $\frac{9069}{8114}$
954

954 (17.57) = 16,762 Sq. yds.

Bedrock - $\frac{6439}{5503}$ $\frac{7378}{6439}$ $\frac{8317}{7378}$
936 939 939

938 x 17.57 = 16481 Sq. Yds.

2 | 33243

Avg Area = 16621 Sq. Yds.

16621 x $\frac{20.2}{3}$ = 111915 Cu. Yds.

$\frac{111915}{31}$ = 3610 Cu. Yds. per day elapsed Time

$\frac{111915}{27.94}$ = 4006 - - - - running -.

Pond Elev. = 1939.7
Claims dredged 26 & 30 B.L.O. Com'n
Surface area = 3.46 acres
Avg. width of cut = 235 ft.
Avg. length of cut = 650 ft.

$\frac{16762}{9}$ $\frac{16481}{9}$ $\frac{16621}{9}$

150858 1483 29 149589

Thawing Write off

Block 35 - Remainder = 21822 Cu Yds.

" 34 - " = 101218

" - 36 - $\frac{1999}{1623}$ $\frac{2373}{1999}$ $375(17.57)\left(\frac{19.5}{3}\right) = 42827$

$\overline{\text{TOTAL} = 165,867 \text{ cu. yds.}}$

Stripping Write off

X-Sec 71 to X Sec 76 incl. Remainder

71-72	21064
72-73	14395
73-74	17024
74-75	10178
75-76	4280

= 66942 Cu Yds

1"=100'
Fac = 17.57
= Sq. Yds.
Vern. @ 34

Dredge No. 10 — June 1943

DREDGE OPERATED 30 DAYS
" DUG 649 HRS - 35 MINS = 27.07 DAYS = 90.22%
" LOST 70 " = 25 " = 2.93 " = 9.78%
AV. HEIGHT OF BANK = 4.5' FT
" DEPTH = 15.1 "
TOTAL " = 19.6 "

SURFACE — 7425 / 6029 / 1396 ; 8823 / 7425 / 1398

BEDROCK — 0220 / 8805 / 1415 ; 1635 / 0220 / 1415

(1397)(17.57) = 24545 sq. yds.

(1415)(17.57) = 24862 " "

249407

Avg. area = 24704 sq. yds.

$\frac{24704(19.6)}{3} = 161399$ cu. yds.

$\frac{161399}{30} = 5380$ cu. yds. per day elapsed time

$\frac{161399}{27.07} = 5962$ cu. yds. per day running time

POND ELEV = 1937.7
CLAIMS DREDGED - 26 - 30 BEL LOWER DISC DOMINION
SURFACE AREA = 5.07 ACRES
AV. WIDTH OF CUT = 320
" LENGTH " " = 640

$\frac{24545}{9} = 2727$; $\frac{24862}{9} = 2762$; $\frac{24704}{9} = 2745$

2727 2762 2745

Thawing Write off

Block 36 - Remainder = 26170 Cu. Yds.

38 - = 12592

39 - All = 118460

40 - $\frac{6891}{6658}\ \frac{7128}{6894}\ \frac{236}{234} - 235 \times 17.57 \times \frac{22.4}{3}$ = 30829

(22.4)

41 - $\frac{7812}{7658}\ \frac{7965}{7812}\ \frac{154}{153} - 153 \times 17.57 \times \frac{22.6}{3}$ = 20251

(22.6)

TOTAL THAWING WRITEOFF = 208302 Cu. Yds.

Stripping Write off

X 76 - Remainder = 7365 Cu. Yds.

X 77 - = 5463

X 78 - = 4306

X 79 - = 9142

X 80 - = 8120

X 81 - $\frac{2}{3}$ of Remainder = 5234

X 82 - $\frac{1}{2}$ = 6544

X 83 - $\frac{2}{3}$ = 11562

X 84 - $\frac{1}{2}$ = 8770

X 85 - $\frac{1}{2}$ = 8492

X 86 - $\frac{1}{2}$ = 7765

X 87 - $\frac{1}{4}$ = 2917

X 88 -

Total = 85680

1" = 100'
Fac = 17.57
= Sq Yds
V.e 34

Dredge No 10 — July 1943

Dredge operated 31 days
" dug 679 hrs 10 min = 28.30 days = 91.29 %
" lost 64 " 50 " = 2.70 " = 8.71 %
Avg. Hgt. Bank = 2.0 Ft.
" Depth = 15.2 "
Total " = 17.2 "

Surface $\frac{2946}{1215}\ \frac{4675}{2946}$ / 1731 / 1729 = 1730 x 17.57 = 30396 Sq. Yds

Bedrock $\frac{6346}{4670}\ \frac{8028}{6346}$ / 1676 / 1682 = 1679 x 17.57 = 29500

2 | 59896

AVE AREA = 29948 Sq Yds.

$29948 \times \frac{17.2}{3} = 171,702$ TOTAL CU. YDS

$\frac{171702}{31} = 5539$ CU. YDS PER DAY ELAPSED TIME

$\frac{171702}{28.30} = 6067$ " " " " DIGGING TIME

POND ELEVATION = 1932.9
CLAIMS DREDGED = 30, 31 & 32 BEL LOWER DISC - DOMINION
SURFACE AREA = 6.28 ACRES
AV WIDTH OF CUT = 245 FT.
" LENGTH " " = 1150 "

30396	29500	29948
9	9	9
273564	265500	269532

THAWING WRITE OFF

BLOCK 44 = ALL — — — — — — = 82490 Cu. Yds

BLOCK 45 = $\frac{9619}{9524}\ \frac{9713}{9619}$ + $\frac{9357}{9346}\ \frac{9368}{9357}$ = 106 x 17.57 x $\frac{19.3}{3}$ = 11982 Cu. Yds.

TOTAL = 94,472

Old STRIPPING WRITE OFF

SURFACE AREA = 1683 x 17.57 = 29570 SQ YDS x FACTOR (2.64) = 78065 Cu. Yds.

New Stripping Write off.

x 87	1/10	Remainder	= 875 Cu. Yds
x 88	1/2		= 2690
x 89	1/4		= 783
x 90	1/4		= 1254
x 91	1/10		= 730
x 92	1/10		= 980
x 93	1/3		= 2970
x 94	1/2		= 3200
x 95	1/2		= 2693
x 96	1/2		= 3320
x 97	1/4		= 1518
x 98			

New Stripping = 20983 Cu Yds
Old " = 78065
Total " = 99048

SCALE = 1" = 100'
FACTOR = 17.57
VERNIER @ 34 = SQ YDS.

DREDGE N° 10 — AUGUST 1943

DREDGE OPERATED 31 DAYS
DREDGE DUG 676 HRS 35 MINS = 28.19 DAYS = 90.94 %
LOST 67 25 = 2.81 = 9.06 %
AV. HEIGHT OF BANK = 1.2 FT.
DEPTH = 17.0
TOTAL = 18.2

SURFACE = 11785 / 9447 / 1688 — 2866 / 1185 / 1681 — 4543 / 2866 / 1677 = 1683 × 17.57 = 29570 SQ YDS

BED ROCK = 6119 / 4537 / 1582 — 7703 / 6119 / 1584 — 9287 / 7703 / 1584 = 1584 × 17.57 = 27831

2 | 57401

AV. AREA = 28700 SQ YDS

$28700 \times \frac{18.2}{3} = 174113$ TOTAL CU. YDS

$\frac{174113}{31} = 5617$ CU. YDS PER DAY ELAPSED TIME

$\frac{174113}{28.19} = 6176$ DIGGING

POND ELEV = 1929.5
CLAIMS DREDGED = 32-33&34 BELOW L. D. DOMINION
SURFACE AREA = 6.11 ACRES
AV. WIDTH OF CUT = 195 FEET
LENGTH = 1350

29570 × 9 = 266130
27831 × 9 = 250479
28700 × 9 = 258300

THAWING WRITE OFF

BLOCK 45 (19.3) = 9069/9049 (20) 9089/9069 (20) + 9133/9107 (26) 9160/9133 (27) = 46 × 17.57 × 19.3/3 = 5192 Cu. Yds

BLOCK 43 (19.2) = 9193/9140 (53) 9246/9193 (53) + 9386/9275 (111) 9492/9386 (106) = 161 × 17.57 × 19.2/3 = 18104

BLOCK 42 (21.3) = 8697/8381 (316) 9015/8697 (318) = 317 × 17.57 × 21.3/3 = 39545

BLOCK 41 (22.6) = 9407/9015 (392) 9800/9407 (393) = 131/393 × 17.57 × 22.6/8 = 52018

114,859 Cu. Yds

STRIPPING WRITE OFF

OLD STRIPPING = 1725/887 (838) 2567/1725 (842) = 840 × 17.57 × 2.64 = 38963 Cu. Yds.

New Stripping

×85	1/3 Remainder	=	2831 Cu. Yds.
×86	1/2	=	3882
×87	1/2	=	1312
×88	0	=	0
×89	0	=	0
×90	0	=	0
×91	0	=	0
×92	1/20	=	441
×93	1/20	=	297
×94	0	=	0
×95			
	8763		8763

Total 47726 Cu. Yds.

SCALE 1" = 100'
FACTOR = 17.57 = SQ YDS

DREDGE NO 10

SEPTEMBER 1943

DREDGE OPERATED 30 DAYS
DUG 65 hrs. 25 min. = 27.18 days = 90.6 %
LOST 67 - 35 - = 2.8 - = 9.3 %

AV. HEIGHT OF BANK = 3.5
DEPTH = 16.8
TOTAL DEPTH = 20.3

SURFACE = 1264, 2920, 1344 / 5620, 1264, 1356 / 6968, 5620, 1348 = 1350 × 17.57 = 23720 SQ YDS

BEDROCK = 8329, 6972, 1357 / 9693, 8329, 1364 = 1360 × 17.57 = 23895

2 | 47615

AVE AREA = 23808 SQ YDS.

23808 × 20.3 / 3 = 161101 TOTAL CU. YDS.

161101 / 30 = 5370 CU. YDS PER DAY ELAPSED TIME

161101 / 27.18 = 5927 - - - - DIGGING

POND ELEVATION = 1935.2
CLAIMS DREDGED = 31-32-33 BELOW L DISC. DOMINION
SURFACE AREA = 4.90 ACRES.
AV. WIDTH OF CUT = 210 FT
LENGTH = 1030

3770 × 9 = 13480
3895 × 9 = 35055
3808 × 9 = 34272

THAWING WRITE OFF

BLOCK 41 = 9564 − 9456 = 108 ; 9671 − 9564 = 110 ; 109 × 17·57 × 22·6/3 = 14427 Cu. Yds

BLOCK 40 (22·4) = 10130 − 9576 = 554 ; 737 − 130 = 607 ; 1337 − 737 = 600 ; 604 × 17·57 × 22·4/3 = 79238

TOTAL = 93665 Cu Yds

Stripping Write off

X @ 81

- Remainder = 7616 Cu. Yds.
- 8 = 6545
- 83
- ⅓ Remainder = 3854
- 86
- ½ = 4386
- 85

Total = 17401

SCALE · 1" = 100'
FACTOR - 17.57
· = SQ YDS

DREDGE N° 10 — OCTOBER 1943

DREDGE CLOSED DOWN FOR SEASON 7 PM. OCT 24TH
DREDGE OPERATED 23 DAYS
DREDGE DUG 465-0 MIN = 19.38 DAYS = 84.24%
LOST 87-0 = 3.62 = 15.76%

AV. HEIGHT OF BANK = 6.8 FT.
DEPTH = 15.9
TOTAL = 22.7

SURFACE — 5905 / 5190 / 7157 — 6618 / 5705 / 713 — 7332 / 6618 / 714 — = 714 × 17.57 = 12545 SQ YDS

BEDROCK — 7998 / 7271 / 727 — 8732 / 7998 / 734 — 9457 / 8732 / 725 = 729 × 17.57 = 12809

2 | 25354

AVE AREA = 12677 SQ YDS

12677 × 22.7 / 3 = 95923 CU YDS. TOTAL

95923 / 23 = 4171 CU. YDS. PER DAY ELAPSED TIME

95923 / 19.38 = 4950 PER DAY DIGGING TIME

POND ELEVATION = 1937.2
CLAIMS DREDGED = 31 BELOW L.D. DOMINION
SURFACE AREA = 2.59 ACRES
AV WIDTH OF CUT = 300
LENGTH = 350

17757 / 9 · 17809 / 9 · 17677 / 9
11749.5 · 11787 · 11742.3

BEDROCK AREA THAT WAS NOT DREDGED INSIDE THAWED UNIT 40

1757 / 1705 / 52 — 1810 / 1757 / 53 = 52 × 17.57 = 914 SQ YDS = 914 × 8/3 = 7312 CU. YDS

Thawing Wristoff

Block N° 40 - Remainder = 17951 Cu. Yds.

Stripping Wristoff

X° 83
Remainder = 1978 Cu Yds.
X° 84
1/4 Remainder = 2192 -
X° 85
Total = 4170 -

1" = 100'
Fac = 17.57
= Sq Yds.

Dredge No. 10 - June 1944.

Started June 15 - 7:00 AM
Shut down - 19 - 7:00 Am.

Dredge operated 4 days
" dug 73 hrs 35 min = 3.06 days = 76.48%
" lost 22 " 35 " = 0.94 " = 23.52%
Avg Hgt Bank = 7.2 Ft.
" Depth = 18.3 "
Total " = 25.5 "

Surface $\frac{1387}{1590}$ $\frac{1478}{1382}$ $\frac{}{96}$ $\frac{}{96}$ 96 x 17.57 = 1687 Sq Yds.

Bedrock $\frac{1553}{1467}$ $\frac{1638}{1553}$ $\frac{}{85}$ $\frac{}{85}$ 85 x 17.57 = 1493

2 3144

Avg Area = 1572

1414

$\frac{1572}{2} \times \frac{25.5}{3}$ = 13362 Cu. Yds

$\frac{13362}{4}$ = 3341 Cu. Yds. per day elapsed Time.

$\frac{13362}{3.06}$ = 4367 " " running.

Pond Elev. - 1940.2
Claims Dredged - 31 B.L.D. Dam.
Surface Area - 0.34 Acres.
Avg Width Cut - 14'0"
" Length " - 90'

$\frac{1687}{9}$ $\frac{1493}{5}$ $\frac{1572}{9}$

14868 13437 14148

Thawing Writeoff

BLOCK 41 = REMAINDER = 52488 Cu. Yds

Stripping Writeoff

X^n-84 = 0

REMAINDER = 2193 Cu. Yds

X^n-85 = ...

= 5662

X^n-86 =

= 3883

X^n-87 =

½ REMAINDER = 3282

X^n-88 = 0

TOTAL WRITE OFF 15,020 Cu. Yds

1" = 100'
Fac = 17.57
= Sq. Yds.

Dredge No. 10 — May 1946

Dr. started operating May 15 - 1:00 pm.
Lost Time starts May 15 - 7:00 PM.

Dredge operated 17 days
dug 37 hrs 25 min = 15.5 days = 91.18%
lost 35 " 35 " = 1.48 " = 8.72%
Avg. Hgt. Bank = 4.8 Ft.
" Depth = 20.1 "
Total " = 24.9 "

Surface

8255 / 8622 = 367
8622 / 8991 = 369

(368) 17.57 = 6466 Sq. Yds

Bedrock

8997 / 9365 = 368
9365 / 9734 = 369

(369) 17.57 = 6483 Sq Yds

AVE AREA = 12949 / 2 = 6475

6475 × 24.9 / 3 (8.3) = 53742 Total Cu. Yds.

53742 / 17 = 3161 Cu. Yds Per Day Elapsed Time

53742 / 15.52 = 3462 Digging Time

Pond Elev = 1938.7
Claims Dredged = 31232 Below L. Disc Dominion
Surface Area = 1.34 Acres
Ave Width Cut = 185 Ft.
" Length " = 310

6466 / 9 = 58194
6483 / 9 = 58347
6475 / 9 = 58275

Thawing Write off

Block 42 - Remainder = 33286 cu. yds.

" 43 - " = 34663 cu. yds.

" 45 - " = 34786 cu yds.

Total = 102735

Stripping Write off

X² 87 - Remainder = 3281 cu. yds.

X² 88 " = 2691 "

89 " = 2350 "

90 " = 3672 "

91 " = 6567 "

92 " = 8376 "

93 " = 5644 "

94 " = 3200 "

95 " = 2693 "

96 " = 3321 "

97 " = 4552 "

98

Total - 46347

Total Stripping = 46347 + 3711 = 50058

Old Stripping

4514 - 4532 = 18 4318 - 4335 = 17

3652 - 3591 = 61 3855 - 3918 = 63

18 X 17·57 X 2·64 = 835 CU YDS

62 X 17·57 X 2·64 = 2876 CU YDS

3711

1" = 100'
Fac = 17.57
= Sq. Yds.

Dredge No: 10 June 1946

Dredge operated 30 days
- dug 6 hrs. or min = 26.17 days = 87.23 %
- lost 91 - " - = 3.83 - = 12.77 %
Avg. Hgt. Bank = 2.7 Ft.
- Depth = 17.7 "
Total " = 20.4 "

Surface

7468	8480	
8480	9493	
1012	1013	

1013 X 17.57 = 17798 SQ. YDS

Bed rock

2080	1085	2100
1085	2100	3116
1005	1015	1016

1016 X 17.57 = 17851 SQ YDS
2 | 35649
AV. AREA = 17825 SQ YDS

17825 X $\frac{20.4}{3}$ = 121210 CU YDS TOTAL

$\frac{121210}{30}$ = 4040 CU. YDS. PER DAY ELAPSED TIME

$\frac{121210}{26.17}$ = 4632 CU. YDS. PER DAY DIGGING TIME

Pond Elev. - 1933.0
Claims dredged - 32-33-34 B.L.D. DOM.
Surface Area - 3.68 ACRES
Avg. Width Cut - 162 FT.
- Length - - 1060 FT.

17798	17851	17825
9	9	9
160182	160659	160425

Thawing Writeoff. - 1946 Thaw

Block 46. $\frac{7465}{7390}\ \frac{7390}{7315}\ \frac{1300}{0959}\ \frac{1640}{1300}$ $\quad\frac{}{75}\ \frac{}{75}\ \frac{}{341}\ \frac{}{340}$ $= (75+341^{.016})\,17.57\left(\frac{17.6}{3}\right) = 42,880$ Cu. Yds.

Block 47. $\frac{2410}{2247}\ \frac{2573}{2410}$ $\quad\frac{}{163}\ \frac{}{163}$ $= (163)\,17.57\left(\frac{19.4}{3}\right) = 18,520$ Cu. Yds.

Total = 61,400 Cu. Yds.

Stripping Writeoff.

X-S 98

$\frac{1}{3}$ of Total. $= \frac{4189}{3} = 1396$ cu. yds.

99

" " " $\frac{3952}{3} = 1317$ " "

100

" " " $\frac{5248}{3} = 1749$ " "

101

" " " $\frac{6119}{3} = 2040$ " "

102

" " " $\frac{9244}{3} = 3081$ " "

103

" " " $\frac{13967}{3} = 4656$ " "

104

" " " $\frac{16981}{3} = 5660$ " "

105

" " " $\frac{17681}{3} = 5894$ " "

106

$\frac{1}{6}$ of Total $\frac{13819}{6} = 2303$ " "

107.

Total = 28096 Cu. Yds.

Old Stripping

$\frac{3375}{2865}\ \frac{3989}{3375}$ $\quad\frac{}{510}\ \frac{}{514}$ $512\,(17.57)\,2.64 = 23749$ cu. yds.

Total = 23749 cu. yds.

Total Stripping = 51845. cu. yds.

1" = 100'

Fac = 17.57

Sq. Yds

Dredge Nº 10

July - 1946

Dredge operated 31 days.

dug 639 hrs. 35 min = 26.65 days = 85.97 %

lost 104 " 85 " = 4.35 " = 14.03 %

Av. Ht. of Bank = 2.6 Ft.

Av Depth = 16.2 "

Total Depth = 18.8 "

Surface

4170 / 3114 / 1056 — 5227 / 4170 / 1057

1057 (17.57) = 18571 Sq. Yds.

Bedrock.

6221 / 5230 / 991 — 7210 / 6221 / 989

990 (17.57) = 17394 Sq. Yds.

2 | 35965

Av. Area = 17983 Sq. Yds

$$17983 \times \frac{18.8}{3} = 112693 \text{ Cu. Yds.}$$

$$\frac{112693}{31} = 3635 \text{ Cu. Yds. per day elapsed Time}$$

$$\frac{112693}{26.65} = 4229 \text{ " " running Time.}$$

Road Elev = 1978.2

Claims dredged = 34-35-36 BLO Dom.

Surface area = 3.84 Acres.

Avg. Width Cut = 200 Ft.

" Length = 850

18571 × 9 = 167139

17394 × 9 = 156546

17983 × 9 = 161847

Thawing Writeoff

UNIT 47 — 2588 / 1531 / 1057 ; 3649 / 2588 / 1061 = 1059 × 17.57 × 19.4/3 = 120325 Cu Yds.

UNIT 48 — 3896 / 3564 / 332 ; 4221 / 3896 / 325 ; 4598 / 4221 / 377 = 328 × 17.57 × 19.9/3 = 38228

Total = 158553

Stripping Writeoff

X° 106-107	= 1/3	Remainder	= 3838 cu. yds.
107-108	= 3/3	"	= 6216 " "
108-109	= 3/3	"	= 7808 " "
109-110	= 3/3	"	= 7810 " "
110-111	= 3/3	"	= 10120 " "
111-112	= 3/3	"	= 12746 " "
112-113	= 1/3	"	= 7933 " "
		TOTAL	= 56471

Old Stripping

7766 / 6538 / 1228 ; 8983 / 7766 / 1217 ; 9212 / 8983 / 1229

1228 × 17.57 × 2.64 = 56961 Cu Yds.

+ 56471 "

= 113432 " Total

Avg. 1946

1" = 100
Fac = 17.57
= sq. yds.

Dredge No 10

Dredge operated 31 days
dog 654 hrs. 25 min. = 27.27 days. = 87.96 d/o
Lost 89 " 35 " 3.73 " 12.04 d/o
Avg. Hgt. Bank = 2.5 Ft.
Avg. Depth = 16.5
Total = 19.0

Surface 5707 7053 / 4359 5707 / 1348 1346 — 1347 X 17.57 = 23667 sq. yds.

Bedrock 8346 9640 / 2046 2346 / 1300 1294 — 1299 X 17.57 = 22788 sq. yds

2) 46455

Avg. Area = 23228 sq. yds

~~23202~~ 23228 X 19.0 / 3 = ~~146946~~ 147111 cu. yds.

147111 / 31 = 4746 cu. yds. per day elapsed time

147111 / 27.27 = ~~5395~~ cu. yds per day running time

Pond Elev = 1923.4
Claims Dredged = 3L-38 B.L.D.
Surface Area = 4.89 Acres
Avg Width Cut = 200 Ft.
Length = 1150

23667 × 9 = 213003
22788 × 9 = 205092
23228 × 9 = 209052

Thawing Writeoff

~~UNIT-46 = 3802 4785 / 978 983 = 30 950 × 17.57 × 18.7 / 3 = 104046 cu. yds~~

~~UNIT-47 = 4957 5130 / 4785 4957 / 172 173 = 173 × 17.57 × 18.4 / 3 = 19058 cu. yds.~~

46 - 4400 4440 / 4340 4400 / 40 40 = 40

169 × 17.57 × 18.7 / 3 = 18507 Cu yds

3596 3724 / 3446 3596 / 130 128 = 129

47 3510 3570 / 3446 3510 / 64 60

64 × 17.57 × 19.4 / 3 = 7047

Total = 25554

1946 thand.

Stripping Writeoff

X-sec

98-99	= Remainder	= 2793 cu. yds
99-100	=	= 2635 cu. yds
100-101	=	= 3499 cu. yds
101-102	= 1/2	= 2090 cu. yds
102-103	= 1/2	= 3081 cu. yds
103-104	= 1/2	= 4656 cu. yds.
104-105	= 1/2	= 5660 cu. yds
105-106	= 1/2	= 5894 cu. yds.
106-107	= 1/2	= 3839 cu. yds
	Total	= 34097 cu. yds

Old Stripping

1100 × 17.57 × 2.64 = 51023 cu. yds.

\+ 34097.

Total = 85120

Sept. 1946

1" = 100'
Fac = 17.57
= sq. FT.

Dredge № 10

Dredge operated 30 days (29 days for Depth)
- dug 592 hrs. 55 min = 24.70 days = 82.35 %
- lost 127 hrs. 05 min = 5.30 days = 17.65 %

Avg. Hgt. bank = 2.3 Ft.
Avg. Depth = 16.6 Ft.
Total Depth = 18.9 Ft.

Surface - 3243 / 2083 / 1160 ; 4410 / 3243 / 1167 - 30

1133 × 17.57 = 19907 sq yds.

Bedrock - 5585 / 4435 / 1150 ; 6739 / 5585 / 1154 - 20

1132 × 17.57 = 19889 sq yds.

2139796

19898

19898 × 6.3/3 = 125357 cu. yds.

125357 / 30 = 4179 cu. yds. per day elapsed time

125357 / 24.70 = 5075 cu. yds. per day running time

Pond ELEV = 1927.5
Claims Dredged = 34-35-36- B.L.D. Dom.
Surface Area = 9.11 Acres
Avg. Width Cut = 160'
Avg. Length Cut = 1090'

19907 / 9 = 179163
19889 / 9 = 179001
19898 / 9 = 179082

THAWING WRITEOFF

BLOCK 46 $\frac{1736}{1521}\ \frac{315}{}$ $\frac{1954}{1736}\ \frac{218}{}$ = REMAINDER = 27326 CU. YDS.

BLOCK 47 $\frac{2184}{1555}\ \frac{629}{}$ $\frac{2806}{2184}\ \frac{622}{}$ = ✓ = 8729 CU. YDS.

BLOCK 48 $\frac{2336}{2227}\ \frac{109}{}$ $\frac{2442}{2336}\ \frac{106}{}$ $\frac{36}{108} \times 17.57 \times \frac{19.9}{3}$ = 12590 CU. YDS.

TOTAL = 48645 ✓ 1946 THAW

STRIPPING WRITEOFF

X-N	101 - 102 =	2039 CU. YDS.
	102 - 103 =	3082 ✓ ✓
	103 - 104	4655 ✓ ✓
	104 - 105	5661 ✓ ✓ ✓
	105 - 106	5893 ✓ ✓ ✓
	106 - 107	3839 ✓ ✓ ✓
	107 - 108	4147 ✓ ✓ ✓
	108 - 109	3903 ✓ ✓ ✓
	109 - 110	3904 ✓ ✓ ✓
	110 - 111	5076 ✓ ✓ ✓
	111 - 112	6402 ✓
		TOTAL = 49001 CU. YDS.
	112 - 113	3173
		~~1774~~ ✓ ✓
		✓1774

Old Stripping $\frac{7703}{6665}\ \frac{538}{}$ $\frac{7733}{7703}\ \frac{30}{}$ 534 × 17.57 × 2.64 = 24524 CY.

+ ✓1774 / ✓2174

= ~~76738~~ CuYds.

76338 ✓

OCTOBER-46

1" = 100'
FAC. = 17.57
= SQ. YDS.

DREDGE Nº 10

DREDGE OPERATED 31 DAYS
DUG 663 HRS. 20 MIN. = 27.64 DAYS = 89.16%
LOST 80 ✓ 40 ✓ = 3.36 ✓ = 10.84%
AV. HT. OF BANK = 1.5 FT.
AV. DEPTH = 17.0 ✓
TOTAL = 18.5 ✓

SURFACE 4280 / 3194 / 1086 ✓ 5370 / 4280 / 1090 ✓ 1088 X 17.57 = 19116 ✓ SQ. YDS.

BEDROCK 6446 / 5335 / 1111 ✓ 7548 / 6446 / 1102 ✓ 8655 / 7548 / 1107 ✓ 1107 X 17.57 = 19450 SQ. YDS.
2138566 ✓
AVG. AREA 19283 ✓ SQ. YDS.

19283 X $\frac{18.5}{3}$ = 118912 CU. YDS.

$\frac{118912}{31}$ = 3836 CU. YDS. PER DAY ELAPSED TIME

$\frac{118912}{27.64}$ = 4302 CU. YDS. PER DAY RUNNING TIME

POND ELEVATION = 1918.7
CLAIMS DREDGED = 35-36-38 B.L.D. DOM.
SURFACE AREA = 3.94 ACRES
AVG. WIDTH CUT = 147'
AVG. LENGTH CUT = 1165'

19116 19450 19283
9 9 9
172044 175050 173547

THAWING WRITEOFF

BLOCK 48 (19.9) $\frac{5939 \times 19.9}{3}$ = ~~11886~~ 39.39 CU. YDS.

1946 Thaw

STRIPPING WRITEOFF

X-N 112-113 = 2/3 REMAINDER = 8462 CU. YDS.

113-114 = 2/3 = 16864 CU. YDS.

TOTAL 25326

OLD STRIPPING

6263 6413
6110 6262
152 151

152 X 17.57 X 2.64

= 7051 CU. YDS.

25326

32377 CU. YDS.

2671

1" = 100'
FAC. = 17.57
= SQ. YDS.

NOVEMBER-46

DREDGE Nº 10

DREDGE CLOSED DOWN FOR SEASON 8 A.M. NOV. 15

OPERATED 14 DAYS
DUG 290 HRS. 05 MIN. = 12.09 DAYS = 86.33%
LOST 45 55 = 1.91 = 13.67%
AVG. HGT. BANK = 2.1 FT.
DEPTH = 15.6
TOTAL = 17.7

SURFACE 3519 / 3179 / 340 ; 3853 / 3519 / 334 ; 4193 / 3853 / 340 ; 338 X 17.57 = 5939 SQ. YDS.

BEDROCK 4530 / 4199 / 331 ; 4857 / 4530 / 327 ; 329 X 17.57 = 5781 SQ. YDS.

2 | 11720

AVG. AREA 5860 SQ. YDS

5860 X 17.7 / 3 = 34574 CU. YDS.

34574 / 14 = 2470 CU. YDS. PER DAY ELAPSED TIME

34574 / 12.09 = 2860 CU. YDS. PER DAY RUNNING TIME

POND ELEVATION = 1918.8'
CLAIMS DREDGED = 38 B.L.D. DOM.
SURFACE AREA = 1.23 ACRES
AVG. WIDTH CUT = 132'
AVG. LENGTH CUT = 350'

5939	5781	5860
9	9	9
53451	52029	52740

THAWING WRITE-OFF

Block 48	5491 − 5260 = 231	5723 − 5491 = 232	232 × 17.57 × 19.9 / 3	=	27,039
Block 49	6320 − 5989 = 332	6651 − 6320 = 331	332 × 17.57 × 19.5 / 3	=	37,916
Block 50	6900 − 6651 = 249	7148 − 6900 = 248	248 × 1757 × 18.0 / 3	=	26144

Total = 91,099 cu.yd.

STRIPPING WRITE-OFF

X[n]	112 - 113	Remainder	= 4232	cu yds
	113 - 114	Remainder	= 8432	" "
	114 - 115	1/3 Remainder	= 7174	" "
	115 - 116	" "	= 4704	" "
	116 - 117	" "	= 3201	" "
	117 - 118	" "	= 3396	" "
	118 - 119	" "	= 3581	" "
	119 - 120	" "	= 4274	" "
	~~120 - 121~~	~~" "~~	= ~~4110~~	" "
		Total	~~43104~~ 38994	cu yd.

Old Stripping

4628 − 4347 = 281 ; 4907 − 4628 = 279

280 × 17.57 × 2.64 = 12988 cu.yd.

Grand Total = ~~56092~~ 1982 cu yd.

MAY - 1947

1" = 100'
Fac. = 17.57
= sq. yds.

DREDGE No. 10

Started operating May 1 – 8:00 PM.

Dredge operated 31 days.
" dug 643 hr. 35 min. = 26.82 days = 86.50%
" lost 100 hr 25 min = 4.18 " = 13.50%

Av. height of bank 2.6 ft.
Av. depth 17.0 "
Total 19.6 "

Surface
6687 / 5877 / 810 — 7495 / 6687 / 808
809 × 17.57 = 14214 sq. yd.

Bedrock
9002 / 8241 / 761 — 9767 / 9002 / 765
763 × 17.57 = 13405 sq. yd.

2 | 27619
Average area = 13,810 sq. yd.

Yds. Dredged

$$13810 \times \frac{19.6}{3} = 90225 \text{ cu. yd.}$$

$$\frac{90225}{31} = 2910 \text{ cu. yd.}$$

$$\frac{90225}{26.82} = 3364 \text{ cu. yd.}$$

Pond elevation – 1918.5'
Claims dredged – 38, 65
Surface area – 2.94 acres
Av. width cut – 160'
Av. length cut – 820'

Surface 14214 × 9 = 127,926 sq. ft.
Bedrock 13405 × 9 = 120,645 " "
Average 13810 × 9 = 124,290 " "

Thawing Writeoff

Block 50 - 1/4 Remainder = 1647 Cu. Yds. ✓

" 51 - 1/2 " = 5311 ✓

" 52 - 2/5 " = 3290 ✓

Total = 10348 ✓

Stripping Writeoff

X-Sec. 120-121 - 1/2 Remainder = 6165 Cu. Yds. ✓

121 - 122	-	2/5	= 5058	✓
122 - 123	-	2/5	= 5352	✓
123 - 124	-	2/5	= 5740	✓
124 - 125	-	2/5	= 4520	✓
125 - 126	-	1/3	= 2312	✓
126 - 127	-	1/3	= 1990	✓
127 - 128	-	1/3	= 2030	✓
128 - 129	-	1/3	= 1937	✓
129 - 130	-	1/3	= 3386	✓
130 - 131	-	1/3	= 3152	✓
131 - 132	-	1/3	= 2479	✓

Total 45121 ✓

Old Stripping - 2555 3819 4468 / 4911 3188 3818 / 0244 630 650 647 x 17.57 x 2.64 = 30021 Cu. Yds.

N.S. - 45121 Cu. Yds ✓
O.S. - 30021 ✓

Total 75142

Dredge No. 10 June 1947

Dredge operated 30 days
" Aug 655 hrs or min = 27.30 days = 90.98%
" Lost 64 " 55 " = 2.70 " = 9.02%
Avg. Hgt Bank = 1.6 Ft.
" Depth = 15.1 "
Total " = 16.7 "

Surface $\frac{6897}{5563}$ $\frac{8533}{6897}$ $\frac{}{1334}$ $\frac{}{1336}$ $133 \times 17.57 = 2345$ Sq. Yds.

Bedrock $\frac{9466}{8514}$ $\frac{0721}{9466}$ $\frac{}{1752}$ $\frac{}{1755}$ $12.53 \times 17.57 = 220.15$ "

$\frac{}{2[4547]}$

Avg. Area = 22736

$22736 \times \frac{16.7}{3} = 126564$ Cu. Yds.

$\frac{126564}{30} = 4219$ Cu. Yds. per day elapsed time.

$\frac{126564}{27.30} = 4636$ " " - running "

Pond Elev. - 1911.1
Claims dredged - 65-66-67-68 BLD Dam.
Surface Area - 4.85 Acres
Avg Width - 180 Ft
" Length - 1150 "

$\frac{2345.6}{9}$ $\frac{2201.5}{9}$ $\frac{2273.6}{9}$

211104 198135 204624

Thawing Waste

(1947) Block 54 (17.2) = 5212 / 5463 / 49 ; 5260 / 5212 / 48

48 × 17.57 × 17.2 / 3 = 4835 ~~4832~~ cy.

(1947) – 53 (18.0) = 5582 / 5446 / 136 ; 5719 / 5582 / 137

137 × 17.57 × 18.0 / 3 = 14443 cy.

(1946) – 52 (17.5) = 6024 / 5746 / 278 ; 7300 / 6024 / 276

277 × 17.57 × 17.5 / 3 = 28392 cy.

Total = ~~91144~~ 47670

Stripping Waste

X^n – 124–125	– 1/3	Remainder	=	2260	Cu. Yds.
– 125–126	– 1/2	✓	=	2312	✓
– 126–127	– 1/2	✓	=	1990	✓
– 127–128	– 1/2	✓	=	2030	✓
– 128–129	– 1/2	✓	=	2937	✓
– 129–130	– 1/2	✓	=	3386	✓
– 130–131	– 2/3	✓	=	4202	✓
– 131–132	– 2/3	✓	=	3306	✓
– 132–133	– 3/4	✓	=	6456	✓
– 133–134	– 3/4	✓	=	10854	✓
– 134–135	– 1/2	✓	=	8081	✓
– 135–136	– 1/6	✓	=	2250	✓
			Total =	50064	✓

Old Stripping

7903 / 6853 / 1050 ; 8960 / 7903 / 1057

1053 × 17.57 × 2.64 = 48842 ✓ Cu Yds

N. S. =	50064	Cu. Yds
OS =	48,842 ✓	✓
Total	98,906 ✓	

Dredge No. 10 July 1947

Dredge operated 31 days
Dug 666 hrs. 15 min = 27.76 days = 89.5% ✓
Lost 77 " 45 " = 3.24 " = 10.4% ✓
Avg. Hgt Bank = 2.8 Ft.
" Depth = 15.0 ✓
Total = 17.8 ✓

Surface
20577 / 0870 / 1187 ✓
3238 / 20577 / 1181 ✓
1184 x 17.57 = 20803 Sq. Yds. ✓

Bedrock
4376 / 3222 / 1154 ✓
15530 / 4376 / 11554 ✓
1154 x 17.57 = 20276 ✓
41079 ✓
Avg Area 20540 ✓ ✓

$$\frac{20540 \times 17.8}{3} = 121871 \text{ Cu. Yds.}$$

$$\frac{121871}{31} = 3934 \text{ Cu. Yds. per day elapsed time}$$

$$\frac{121871}{27.76} = 4390 \text{ ... running time}$$

Pond Elev. - 1912.1
Claims Dredged - 68 - 67 - 66 ✓
Surface Area - 4.30 Acres
Avg. Width - 120 Ft.
Avg. Length - 1440 Ft.

20803 / 9 / 187227 ✓
20276 / 9 / 182484 ✓
20540 / 9 / 184,860 ✓

Thawing Write off

(1947) Block 51 (18.5) = 8782 − 8540 = 242 | 9030 − 8782 = 248

$245 \times 17.57 \times \frac{6.17}{3} = 26559$ Cu. Yds.

(1947) 50 (18.0) = 1010 − 0628 = 382 | 1384 − 1010 = 374

$378 \times 17.57 \times \frac{6.0}{3} = 39848$

(1947) 49 (19.5) = Remainder = 61612

(1947) 48 (19.9) = Remainder = 12290

Total = 140309

Stripping Write off

Xn 125-124	—	1/3 Remainder	=	1507	Cu. Yds.
124-123	—	1/2	=	4304	
123-122	—	1/2	=	4014	
122-121	—	1/2	=	3793	
121-120	—	1/2	=	~~7356~~ 3087	
120-119	—	3/4	=	6411	
119-118	—		=	7163	
118-117	—		=	6793	
117-116	—		=	6402	
116-115	—		=	9407	
115-114	—		=	14348	
		Total	=	~~71498~~ 67224	

Old Stripping

8035 − 7142 = 893 | 8930 − 8035 = 895

$894 \times 17.57 \times 2.64 = 41468$ Cu. Yds.

N.S. = ~~71498~~ 67224 Cu. Yds.

O.S. = 41468

Total = ~~112966~~ 108692

Dredge No. 10 August 1947

Dredge operated 31 days

Dug 662 hrs. 55 min. = 27.62 days = 89.10 T.

Lost 81 - 05 - = 3.38 - = 10.90 T.

Avg. Hgt. Bank = 2.9 Ft.

" Depth = 15.2 "

Total " = 18.1 "

Surface 5314 6576 1260 x 17.57 = 22138 Sq. Yds

4056 5314

1258 1262

Bedrock 7846 9130 1286 x 17.57 = 22595

6558 7846

1288 1284

2 144733

Avg. Area = 22366

$22366 \times \frac{6.03}{3} = 134867$ Cu. Yds.

$\frac{134867}{31} = 4350$ Cu. Yds. per day elapsed time.

$\frac{134867}{27.62} = 4883$ Cu. Yds. per day running time.

Pond Elev. — 1917.8 Ft.

Claims dredged — 66 65 38

Surface Area — 4.57 Acres

Avg. Width — 120 Ft.

Avg. Length — 1600

22138 × 9 = 199242

22595 × 9 = 203355

22366 × 9 = 201294

Thawing Writeoff

Block 50 - Remainder = 8895 Cu. Yds.

1947 ✓ 51 - ✓ = 6953 ✓

✓ 52 - ✓ = 2049 ✓

1947 ✓ 53 - ✓ = 3052 ✓

1947 ✓ 54 - (17.2) $\frac{0461}{276} - \frac{0737}{276} \times \frac{92}{276 \times 17.57 \times 17.2}$ / 3 = 2780 ✓

Total = 114399 ✓

Stripping Writeoff

X[a] 119-120 - Remainder = 2137 Cu. Yds.

120-121 - ✓ = 3083 ✓

121-122 - ✓ = 3793 ✓

122-123 - ✓ = 4015 ✓

123-124 - ✓ = 4305 ✓

124-125 - ✓ = 3013 ✓

125-126 - ✓ = 2313 ✓

126-127 - ✓ = 1990 ✓

127-128 - ✓ = 2079 ✓

128-129 - ✓ = 2937 ✓

129-130 - ✓ = 3387 ✓

130-131 - ✓ = 2102 ✓

131-132 - ✓ = 1652 ✓

132-133 - ✓ = 2152 ✓

133-134 - ✓ = 3616 ✓

134-135 - ✓ = 808 2 ✓

135-136 - ✓ = 1125 0 ✓

Total 61856 ✓

Old Stripping

$\frac{4671}{3892} \quad \frac{4460}{4671}$

$\frac{779}{779} \quad \frac{789}{789}$

46.38

784 x 17.57 x 2.64 = = 36362 Cu. Yds.

Grand Total = 98218 ✓

Dredge #10 September 1947

Dredge operated 30 days
- dug 654 hrs 40 min = 27.19 days = 90.6% %
- lost 67 - 20 - = 2.81 - = 9.3% %
Avg. Hgt. Bank = 2.9 Ft.
- Depth = 15.5 -
Total - = 18.4 -

Surface $\frac{6182 + 7171}{1011}$ $\frac{7201 + 6182}{1019}$ 1015 x 17.57 = 17833 Sq Yds.

Bedrock $\frac{8212 + 7200}{1012}$ $\frac{9214 + 8212}{1002}$ 1007 x 17.57 = 17693 -
∴ 35526

Avg Area = 17763

$\frac{17971}{17763} \times \frac{18.4}{3}$ = 108946 Cu. Yds.

$\frac{108946}{30}$ = 3632 Cu. Yds. per day elapsed time

$\frac{108946}{27.19}$ = 4007 - - - running -

Pond Elev. - 1906.5'
Claims dredged - 65-66-67-68-69 BLO Dom.
Surface Area - 368 Acres.
Avg Width Cut - 100 Ft.
- Length - 1630 -.

17833 17693 17763
9 9 9
160497 159237 159867

Thawing Writeoff

All 1947 Thaw

Block 54 – Remainder = 1537 Cu Yds.

– 57 – = 57148 ✓ ✓

57 – $\frac{4467}{6150}$ $\frac{4784}{6467}$ 318 × 17.17 × $\frac{6.2}{3}$ = 34630 – –

(18.6) 317 318

Total = 107090 ✓ ✓

Stripping Writeoff

X3 136-137 – Remainder = 5514 Cu Yds

137-138 – – = 8344 –

138-139 – – = 6733 –

139-146 – – = 7384 –

140-141 – – = 9984 –

141-142 – ½ – = 11468 –

142-143 – ½ – = 7247 –

Total = 6083

Old Stripping $\frac{7747}{19}$ $\frac{8266}{13}$ (8266 − 8199) 16 × 17.57 × 2.24 = 3937 Cu Yds

+ 6083 –

Total = 8478 ✓ ✓

Dredge M-10 October 1947

Dredge operated 31 days
dug 697 hrs 15 min = 28.14 days = 90.7%
lost 68 - 45 = 2.86 = 9.2%
Avg Mat Bank = 2.2 Ft.
Depth = 15.3
Total = 17.5

Surface 7831 / 6633 / 1198 — 9025 / 7831 / 1194 — 1196 x 17.57 = 21014 Cu.Yds.

Bedrock 0290 / 5146 / 1144 — 1430 / 0290 / 1140 — 1140 x 17.57 = 20030

21044

Avg Area = 20277

20277 x 17.5 / 3 = 119712 Cu.Yds.

119712 / 31 = 3862 Cu.Yds per day elapsed time

119712 / 28.14 = 4254 running

Pond Elev. - 1903.6
Claims dredged - 69-70 BLD Dam.
Surface Area - 4.34 Acres.
Avg Width Cut - 275 Ft.
Length - 650

21014 / 9 = 1891.6
20030 / 9 = 1803.0
20277 / 9 = 1846.8

Thawing Write off

1947 Mar

Block # 7 — 1864 − 1492 = 372 — 3864 − 1864 = 2000 — $\frac{368 \times 17.7 \times 18.6}{3}$ = 4007 Cu. Yds

Block # 6 — 18.8 — 346 − 299 = 47 — 393 − 346 = 47 — $\frac{47 \times 17.7 \times 18.8}{3}$ = 1770

Total = 5770

Stripping Write off

X[3] 141 - 142 — Remainder = 11449 Cu. Yds.

142 - 143 — 2/3 = 1934

143 - 144 — 1/6 = 6167

Total = 36940

Dredge No 10 — November 1947

Shut down Nov 17 - 8 AM.

Dredge operated 16 days.

- dug 331 hrs. 55 min. = 13.83 days = 86.44 %
- lost 52 - 05 - = 2.17 - = 13.56 %

Avg. Hgt. Bank = 2.7 Ft.
" Depth = 15.0 -
Total - = 17.7 -

Surface - 2770 / 2387 — 3145 / 2770 — 383 — 375

379 × 17.57 = 6659 Sq. Yds.

Bedrock - 3512 / 3148 — 3871 / 3512 — 364 — 359

362 × 17.57 = 6360

13019

Avg Area = 6510

$$6510 \times \frac{17.7}{3} = 38409 \text{ Cu. Yds.}$$

$\frac{38409}{16}$ = 2400 Cu. Yds. per day elapsed time.

$\frac{38409}{13.83}$ = 2777 - - running -

Pond Elev - 1902.4
Claims dredged - 70 BLD Com.
Surface Area - 1.38 Acres.
Avg. Width Cut. - 180 Ft.
" Length - - 350

6659 — 6360 — 6510
9 — 9 — 9
59931 — 57240 — 58590

Thawing Writeoff

Block 16 - Remainder = 29730 Cu. Yds.

(18.6)	17	3461 − 3436 = 25	3482 − 3461 = 21	$23 \times \frac{17.17 \times 18.6}{3}$ = 2500
Block (17.8)	18	5255 − 4791 = 464	5717 − 5255 = 462	$463 \times \frac{17.17 \times 17.8}{3}$ = 48260

Total = 80495

Stripping Writeoff

X3	142 - 143 - Remainder	= 9663 Cu. Yds.
	143 - 144 - 1/2	= 15418
	144 - 145 - 1/2	= 1806
	145 - 146 - 1/2	= 15680
	146 - 147 - 1/2	= 13424
	Total	= 72250

Dredge No. 10 May 1948

Started operating May 2 - 6:45 p.m.
Lost Time May 2 - 8:00 A.M.

Dredge operated 30 days
dug 614 hrs. 40 min = 25.61 days = 85.37 %
lost 105 - 20 - = 4.39 - = 14.63 %
Avg. Hgt. Bank = 1.5 Ft.
- Depth = 14.2 -
Total = 15.7 -

Surface
8523	9143
7899	8523
624	620

622 x 17.57 = 10928 Sq. Yds.

Bedrock
2597	3181
2022	2597
575	584

580 x 17.57 = 10190
11118
Avg. Area = 10559

$\frac{10559 \times 15.7}{3}$ = 55259 Cu. Yds

$\frac{55259}{30}$ = 1842 = Cu. Yds. per day elapsed time

$\frac{55259}{25.61}$ = 2158 = - - - running -

Pond Elev. - 1902.7
Claims dredged - 70-71 B.L.D. Dom.
Surface Area - 2.26 Acres.
Avg. Width of cut - 205 Ft.
- Length - - 450

$\frac{10928}{9}$ $\frac{10190}{9}$ $\frac{10559}{9}$

9835 9710 9531

Thawing Workoff

Block 58 (17.8) — 5394 / 5323 / 71 ; 5438 / 5394 / 44 ; 5480 / 5434 / 46

60 (21.2) — 6317 / 5747 / 570 ; 6895 / 6317 / 578

62 (18.0) — 8842 / 8433 / 409 ; 9237 / 8823 / 414

63 (15.8) — 9126 / 9090 / 36 ; 9156 / 9126 / 29

$\frac{15}{45} \times 17.57 \times 17.8 = 4690$ Cu. Yds.

$\frac{574 \times 17.57 \times 21.2}{3} = 71277$

$411 \times \frac{17.57 \times 18.0}{3}$ (6.0) $= 43319$

$\frac{11}{25} \times 17.57 \times 15.8 = \frac{3054}{3}$

Total = 17733

Stripping Workoff

X-S 147 - 148 — 1/3 Remainder

148 - 149 — 1/3

149 - 150 — 1/3

150 - 151 — 1/3

151 - 152 — 2/3

152 - 153 — 1/3

= 7154 Cu. Yds.

= 5983

= 5690

= 9619

= 1356

= 4544

Total = 46576

Dredge No. 10 — June 1948

Dredge operated 30 days = 29 days for depth.
" dug 583 hrs 50 min = 24.33 days = 81.09 %
" lost 136 - 10 " = 5.67 " = 18.91 %
Avg Ht Bank = 3.1 Ft.
" Depth = 16.4 "
Total " = 19.5 "

Surface $\frac{1944}{1051}$ $\frac{2840}{1944}$ $\frac{}{893}$ $\frac{}{896}$ 895 x 17.57 = 15725 Sq. Yds.

Bedrock $\frac{3667}{2841}$ $\frac{4504}{3662}$ $\frac{5352}{4504}$ $\frac{}{826}$ $\frac{}{848}$ 845 x 17.57 = 14847

2 | 30572

Avg. Area = 15286

$\frac{15286 \times 19.5}{3} = 99359$ Cu. Yds.

$\frac{99359}{30} = 3312$ Cu. Yds per day elapsed time

$\frac{99359}{24.33} = 4084$ " - running -

Pond Elev. - 1900.6
Claims dredged - 71-72 BLD Con.
Surface Area - 3.25 Acres
Avg Width - 200 Ft.
" Length - 650 "

$\frac{15725}{9} = 1747$ $\frac{14847}{9} = 1649$ $\frac{15286}{9} = 1698$

Thawing Writeoff

Block 57 - Remainder = 20285 cu. yds.

Block 58 - [illegible] = 10335 cu. yds.

Block 59 (17.6) - 2943 − 2377 = 566 ; 3501 − 2943 = 558 ; $= 562 \times \frac{17.57 \times 17.6}{3} = 57927$ cu. yds.

Block 60 - Remainder = 21252 cu. yds.

Block 61 (16.5) - 3793 − 3664 = 129 ; 3925 − 3793 = 132 ; $= 131 \times \frac{17.57 \times 16.5}{3} = 12661$ cu. yds

Total = 122460 cu. yds

Stripping Writeoff

X-sec 143-144 - Remainder			=	15418	cu. yds
144-145 -			=	18065	" "
145-146 -			=	15679	" "
146-147 - 3/4			=	~~10068~~ 9068	" "
147-148 - 1/2			=	7155	" "
148-149 - 1/2			=	5983	" "
149-150 - 1/2			=	5691	" "
150-151 - 1/3			=	3206	" "
			Total =	~~80665~~ 81065	cu. yds.

Dredge No. 10 — July 1948

Dredge Operated 31 days
dug 662 hrs. 10 min. = 27.59 days = 89.00 %
lost 81 " 50 " = 3.41 " = 11.00 %
Avg Hgt. Bank = 2.5 ft.
" Depth = 14.7 "
Total " = 17.2 " "

Surface 2493 / 1347 = 1146 ; 3655 / 2493 = 1162

1154 x 17.57 = 20276 sq. yds.

Bedrock ~~4898 / 3656 = 1242~~ ; 6012 / 4846 = 1166 ; 7187 / 6012 = 1175

1171 x 17.57 = 20574
2)40850
Avg Area = 20425

$\frac{20425 \times 17.2}{3} = 117103$ cu. yds.

$\frac{117103}{31}$ = 3778 cu. yds. per day elapsed time

$\frac{117103}{27.59}$ = 4244 " " " running

Pond Elev. = 1902.1
Claims Dredged = 70-71 BLD. Dom.
Surface Area = 4.19 Acres
Avg. Width = 160 ft.
" Length = 1050 ft.

$\frac{20276}{9} = 182484$; $\frac{20574}{9} = 185166$; $\frac{20425}{9} = 183825$

THAWING WRITEOFF

Block #59 Remainder = 10684

#61 Remainder = 31697

#63 (15.8) $\frac{3907}{3445}$ $\frac{462}{}$ $\frac{4373}{3907}$ $\frac{466}{}$ $464 \times 17.57 \times \frac{15.8}{3}$ = 42934 cu. yds.

#65 (20.4) $\frac{4987}{4954}$ $\frac{33}{}$ $\frac{5023}{4987}$ $\frac{36}{}$ $35 \times 17.57 \times \frac{6.8}{\frac{20.4}{3}}$ = 4182 cu. yds.

TOTAL = 89497 cu. yds.

STRIPPING WRITEOFF

X-23	146-147	= Remainder	=	3356	cu. yds.
	147-148	= "	=	7154	" "
	148-149	= "	=	5982	" "
	149-150	= "	=	5690	" "
	150-151	= "	=	6412	" "
	151-152	= "	=	6792	" "
	152-153	= 1/2	=	9087	" "
	153-154	= 1/3	=	10150	" "
	154-155	= 1/8	=	4524	" "
			TOTAL =	59147	" "

DREDGE Nº 10 Aug. 1948

Dredge operated 31 days
dug 670 hrs. 45 min. = 27.95 days = 90.15 %
lost 73 15 = 3.05 = 9.85 %
Avg. Hgt. Bank = 1.6 Ft.
Depth = 13.7
Total = 15.3

Surface $\frac{9520}{8544}\ \frac{10491}{9520}$ $\frac{976}{971}$ 974 x 17.57 = 17113 sq. yds.

Bedrock $\frac{2290}{1333}\ \frac{3250}{2290}$ $\frac{957}{960}$ 959 x 17.57 = 16850 sq. yds.

2 | 33963

Avg. Area = 16982 sq. yds.

$16982 \times \frac{5.1}{3} = 86608$ cu. yds.

$\frac{86608}{31} = 2794$ cu. yds. per day elapsed time

$\frac{86608}{27.95} = 3099$ " " " " running "

Pond Elev. = 1897.3
Claims Dredged = 71-72 BLD. Dom.
Surface Area = 3.54 Acres
Avg. Width Cut = 200'
" Length " = 800'

$\frac{17113}{9}$ $\frac{16850}{9}$ $\frac{16982}{9}$

154017 151650 152838

Thawing Writeoff

Block # 62 — Remainder = 45391 cu.yds.

63 — Remainder = 6310

64 (18.6) — 2370 − 1752 = 618; 2987 − 2370 = 617; $\frac{618 \times 17.57 \times 18.6}{3}$ = 67319

65 (20.4) — 3050 − 2987 = 63; 3114 − 3050 = 64; $\frac{64 \times 17.57 \times 20.4}{3}$ = 7643

1948 Thaw # 66 (18.0) — 4314 − 4155 = 159; 4477 − 4314 = 163; $\frac{161 \times 17.57 \times 18.0}{3}$ = 16974

Total = 143637

Stripping Writeoff

X	152-153	=	Remainder =	9087 cu.yds.
X	153-154	=	=	20301
X	154-155	= 2/3	=	21110
X	155-156	= 1/3	=	~~12541~~ 25081
X	156-157	= 1/3	=	11886
X	157-158	= 1/4	=	8857
			Total =	~~95322~~ 83782

Dredge Nº 10 Sept./48

Dredge operated 30 days
dug 643 hrs. 20 min. = 26.81 days = 89.35 o/o
lost 76 hrs. 40 min. = 3.19 days = 10.65 o/o
Avg. Hgt. Bank = 1.5 Ft.
Depth = 15.4
Total = 16.9

Surface 8265 / 6959 / 1306 — 9565 / 8265 / 1300 — 1303 X 17.57 = 22893 sq. yds.

Bedrock 0964 / 9705 / 1259 — 2229 / 0964 / 1265 — 1262 X 17.57 = 22173 sq. yds.
2 | 45066
Avg Area = 22533 sq. yds.

7511
~~22533~~ X 16.9 / 3 = 126936 cu. yds.

126936 / 30 = 4231 cu. yds. per day elapsed time

126936 / 26.81 = 4735 cu. yds. per day running time

Pond Elev. = 1896.6
Claims Dredged: 72-73 Below Discovery
Surface Area = 4.73 Acres
Avg. Width Cut = 240'
Length = 800'

rr893 / 9 — rr173 / 9 — rr533 / 9

706037 — 199757 — 202797

Thawing Writeoff

1948 - Block Nº 66	2342 − 1941 = 401	2741 − 2342 = 399	400 × 17.57 ×	18 / 3	=	47168 Cu Yds
1948 - Block Nº 68	3865 − 3392 = 473	4335 − 3865 = 470	472 × 17.57 ×	18.5 / 3	=	51140
1948 - Block Nº 70	4341 − 4335 = 6	4348 − 4341 = 7	7 × 17.57 ×	18.8 / 3	=	771
				Total		94079

Stripping Writeoff

x² 158 - 159	- ¼ Remainder	-	9420 Cu. Yds
159 - 160	- ¼	-	9465
160 - 161	- ¼	-	9904
161 - 162	- ¼	-	10095
162 - 163	- ¼	-	8924
163 - 164	- ⅒	-	3083
		Total -	50891

Dredge Nº 10 — October - 1948

Dredge operated 31 days.

dug 675 hrs 30 min = 28.15 days = 90.79%

lost 68 " 30 " = 2.85 " = 9.21%

Avg. Ht. Bank = 1.3 Ft.

" Depth = 15.9 "

Total " = 17.2 "

Surface

1108	2053
0164	1108
944	945

945 × 17.57 = 16604 sq. yds.

Bedrock

2992	3892
2089	2992
903	900

902 × 17.57 = 15848 sq. yds.

2132452

Avg. Area 16226 sq. yds.

$16226 \times \frac{17.2}{3} = 93029$ cu yds.

$\frac{93029}{31} = 3001$ cu yds per day elapsed time

$\frac{93029}{28.15} = 3305$ " " " running "

Pond Elev. = 1896.3

Claims Dredged = 73-74 Bel. Discovery

Surface Area = 3.43 Acres

Avg. Width Cut = 260 Ft.

" Length " = 590 Ft.

16604	15848	16226
9	9	9
149436	142632	146034

THAWING WRITE OFF

1948 Block 68 — 18.5'

4962 − 4950 = 12

4973 − 4962 = 11

4 / 12 × 17.57 × 18.5' / 3 = 1300 Cu Yds

1948 Block 70 — 18.8'

5138 − 4933 = 205

5340 − 5138 = 202

68 / 204 × 17.57 × 18.8 / 3 = 8460

Total = 83760

STRIPPING WRITE OFF

X^n 163 - 164 − 1/8 Remainder = 3429 Cu Yds

X^n 164 - 165 − 1/4 Remainder = 7851

X^n 165 - 166 − 1/10 Remainder = 3344

Total = 14638

DREDGE # 10 Nov 48

Shut down Nov 14 - 6:40 p.m.
For Lost Time Nov 14 - 8:00 A.M.

Dredge operated 13 days
dug 270 hrs. 50 min = 11.28 days = 86.81 %.
lost 41 " 10 " = 1.72 " = 13.19 %.
Avg Hgt Bank = 1.0 Ft.
" Depth = 17.7
Total = 18.7

Surface	1085 − 0786 = 299	1390 − 1085 = 305	1693 − 1390 = 303	303 x 17.57	5324 sq yds
Bedrock	1980 − 1691 = 289	2276 − 1980 = 296	2568 − 2276 = 292	294 x 17.57	5166 sq yds

2) 10490
Ave Area 5245 sq yds

5245 x 18.7 / 3 = 32694 Cu. Yds

32694 / 13 = 2515 Cu Yds per day elapsed time.

32694 / 11.28 = 2898 " " running "

Pond Elev = 1894.9
Claims dredged - 74840 Dem
Surface Area - 1.10 Acres.
Avg Width Cut - 280'
" Length - 160'

5324 / 9 = 591.6
5166 / 9 = 574
5245 / 9 = 582.8

591.6 574 582.8

Thawing Writeoff

Block 66 (18.0) — 3457 − 3379 = 78 ; 3757 − 3457 = 300 ; $\frac{78 \times 17.57 \times 18.0}{3}$ = 7694 Cu.Yds.

Block 67 (18.1) — 3300 − 3269 = 31 ; 3347 − 3320 = 27 ; $\frac{29 \times 17.57 \times 18.1}{3}$ = 3074 ✓

Remainder Block 68 (18.5) — 3664 − 3347 = 317 ; 3983 − 3664 = 319 ; $\frac{318 \times 17.57 \times 18.5}{3}$ = 34781 ✓

Block 69 (18.3) — 7117 − 4887 = 2230 ; 7347 − 7117 = 233 ; $\frac{2231 \times 17.57 \times 18.3}{3}$ = 24763 ✓

Block 70 (18.8) — 6388 − 6279 = 109 ; 6493 − 6388 = 105 ; $\frac{107 \times 17.57 \times 18.8}{3}$ = 11781 ✓

Block 71 (18.7) — 6643 − 6595 = 48 ; 6649 − 6643 = 6 ; $\frac{9 \times 17.57 \times 18.7}{3}$ = 2957 ✓

Total = 8505 ✓

Stripping Writeoff

X² 160 - 161 — 1/2 Remainder = 1485 Cu.Yds.

161 - 162 — 1/2 " = 1411 ✓

162 - 163 — 1/3 " = 8924 ✓

163 - 164 — 1/3 " = 8094 ✓

164 - 165 — 1/5 " = 4695 ✓

Total = 1704 ✓

Dredge № 10 May 1949

Started operating May 5 - 8 AM.

Dredge operated 17 days

" dug 156 hrs 10 min = 13.42 days = 86.75%

" lost 85 - 50 - = 3.58 - = 13.25%

Avg. Hgt Bank = 2.3 Ft

" Depth = 16.5 -

Total Depth = 18.8 -

Surface $\frac{9255}{4467}$ $\frac{0044}{9252}$ $\frac{}{7885}$ $\frac{}{7952}$ 789 x 17.57 = 13863 Sq. Yds.

Bedrock - $\frac{2386}{1670}$ $\frac{3150}{2386}$ $\frac{}{766}$ $\frac{}{764}$ 765 x 17.57 = 13441

" (2) 27304

Avg. Area = 1365 2

$\frac{1365 \times 18.8}{3}$ = 8553 Cu. Yds.

$\frac{8553}{27}$ = 3169 Cu. Yds. per day elapsed time

$\frac{8553}{83.42}$ = 3653 " " running "

Pond Elev. - 1894.5

Claims dredged - 73-74 BLO Dom.

Surface Area - 2.86 Acres.

Avg Width cut - 235 Ft

" Length - 530 "

$\frac{13863}{9}$ $\frac{13441}{9}$ $\frac{1365 2}{9}$

12367 12049 12298

Thawing Writeoff

Block #64 Remainder 24604 Cu Yds.

#65 (20.4)	4741 − 4513 = 228	4970 − 4741 = 229	$229 \times 17.57 \times \frac{6.8}{3} \times 20.4$ =	27356
#66	Remainder			34366
#67 (18.1)	5514 − 5200 = 314	5826 − 5514 = 312	$312 \times 17.57 \times \frac{6.1}{3} \times 18.1$ =	33177
			Total =	119503 ✓

Stripping Writeoff

X ns	155-156 = 1/2	Remainder =	= 17540 Cu Yds.
	156-157 = 2/3	✓ =	= 17848 ✓
	157-158 = 3/4	✓ =	= 19929 ✓
	158-159 = 2/3	✓ =	= 18840 ✓
	159-160 = 2/3	✓ =	= 18930 ✓
		Total =	86087 ✓

Dredge No 10 June 1949

Dredge operated 30 days
- dug 640 hrs. 35 min. = 26.69 days = 88.97 %
- lost 79 ✓ 25 ✓ = 3.31 - = 11.03 %
Avg. Hgt. Bank = 4.0 Ft
- Depth = 15.0 ✓
Total ✓ = 19.0 ✓

Surface $\frac{2460}{1348}$ $\frac{3578}{2460}$ $\frac{}{1112}$ $\frac{}{1118}$ 1115 X 17.57 = 19591 Sq yds.

Bedrock $\frac{4780}{3646}$ $\frac{5912}{4780}$ $\frac{}{1134}$ $\frac{}{1132}$ 1133 X 17.57 = 19907 ✓

✓ 39498

Avg. Area = 19749 ✓

$\frac{19749 \times 19.0}{3}$ = 125077 Cu. Yds.

$\frac{125077}{30}$ = 4169 Cu. Yds. per day elapsed time

$\frac{125077}{26.69}$ = 4686 ✓ - running -

Pond Elev. = 1896.0
Claims Dredged = 72-73 B.L.D. Dom.
Surface Area = 4.05 Acres
Avg. Width Cut = 410 Ft
✓ Length ✓ = 400 Ft.

$\frac{19591}{9}$ = 176319

$\frac{19907}{9}$ = 179163

$\frac{19749}{9}$ = 177741

Thawing Write off

Block 67 - Remainder = 34043 Cu Yds
" 67 - " = 44843 "
" 69 - 184' × 111' 6.1
(18.3) 1614 184' × 249 × 17.57 × 18.3 = 26643 "
248 170 3
Total = 105529 "

Stripping Write off

X-2 154-155 - Remainder = 10556 Cu Yds.
155-156 - " = 18541 "
156-157 - " = 7925 "
157-158 - " = 6643 "
158-159 - " = 9421 "
159-160 - " = 9464 "
160-161 - " = 14861 "
161-162 - 1/2 " = 7571 "

Total = 78882 "

Dredge No 10 July 1949

Dredge operated 31 days
" dug 667 hrs. 45 min = 27.8 days = 89.7% "
" lost 76 - 15 - = 3.18 " = 10.2% -
Avg Hgt Bank = 2.5 Ft.
- Depth = 13.7 -
Total - = 16. " -

Surface - 2881 4042
1723 2881
1158 1161 1160 x 17.57 = 20381 Sq. Yds.

Bedrock - 5210 6381
4034 5210
1176 1171 1174 x 17.57 = 20617 - -
= 41008

Avg. Area = 20504 - -

$$\frac{20504 \times 16.2}{3} = 110722 \text{ Cu. Yds.}$$

5.4

$\frac{110722}{31} = 3572$ Cu Yds. per day elapsed time

$\frac{110722}{27.8} = 3980$ " " running "

Pond Elev - 1895.4
Claims dredged - 72-73-74 BLD
Surface - 4.19 Acres
Avg Width - 245
- Length - 740

20381	20617	20504
9	9	9
183429	185643	184536

Thawing Writeoff

Block #69 ✓ Remainder = 48054 Cu. Yds

#71 (18.7) — 2201 / 1530 / 671 ✓ — 2870 / 2201 / 669 ✓ — $670 \times \frac{17.57 \times 18.7}{3}$ = 73253 ✓

#73 (16.1) — $215 \times \frac{50}{27} \times 16.1$ = 6410 ✓

Total = 127717 ✓

Stripping Writeoff

X-sec 161-162: Remainder ✓ = 7571 Cu. Yds. ✓

162-163: ✓ = 17848 ✓

163-164: ✓ = 16187 ✓

164-165: 4/5 ✓ = 15024 ✓

165-166: 3/8 ✓ = 11286 ✓

166-167: 1/4 ✓ = 8256 ✓

Total = 76172 ✓

Dredge N° 10 — Aug 1949

Dredge operated 31 days
dug 663 hr. 25 min. = 27.64 days = 89.17 %
lost 80 hr. 35 min. = 3.36 days = 10.83 %
Avg. Hgt. Bank = 1.6 Ft.
Depth = 13.7
Total = 15.3

Surface — 3039 − 1732 = 1307 ✓ ; 4347 − 3039 = 1308 ✓ ; 1308 × 17.57 = 22980 Sq Yds.

Bedrock — 5622 − 4333 = 1289 ✓ ; 6907 − 5622 = 1285 ✓ ; 1287 × 17.57 = 22612 ; 22612 / 4 = 5653

Avg Area = 22797

$\frac{22797 \times 15.3}{3} = 116265$ Cu. Yds.

$\frac{116265}{31} = 3750$ Cu. Yds. per day elapsed time

$\frac{116265}{27.64} = 4206$ — running —

Pond Elev = 1894.0
Claims Dredged: 74-75 B.L.D.
Surface Area = 4.75 Acres
Avg. Width Cut = 425 Ft
Length = 620

22980 / 9 = 2553 ; 22612 / 9 = 2512 ; 22797 / 9 = 2533

20683 ; 20308 ; 20573

Thawing Writeoff

Block Nº 70 (18.8) — 4234 / 3966 / 268 — 4505 / 4234 / 271

$$\frac{270 \times 17.57 \times 18.8}{3} = 29722 \text{ cu. yds.}$$

Nº 71 — Remainder = 3309

Nº 73 (16.1) — 4563 / 4505 / 58 — 4621 / 4563 / 58

$$\frac{58 \times 17.57 \times 16.1}{3} = 5468$$

Total = 68282

Stripping Writeoff

Xns 164-165=
165-166= 4/5
166-167= 3/4

Remainder = 3726 cu. yds.
= 15048
= 18576
Total = 37380

Dredge Nº 10 Sept. 1949

Dredge operated 30 days
dug 663 hrs. 55 min. = 27.66 days = 92.21%
lost 56 . 05 = 2.34 = 7.79%
Avg. Hgt. Bank = 3.8 ft.
Depth = 12.0
Total = 15.8

Surface $\frac{2275}{1623}$ $\frac{3929}{2275}$ / 650 / 654 652 X 17.57 = 1145 sq. yds.

Bedrock $\frac{3578}{3916}$ $\frac{4236}{3578}$ / 662 / 658 660 X 17.57 = 11596 - -

2 | 23051

Avg. Area = 11525 - -

$$\frac{11525 \times 15.8}{3} = 60698 \text{ Cu. Yds.}$$

$\frac{60698}{30}$ = 2023 Cu. Yds. per day elapsed time

$\frac{60698}{27.66}$ = 2194 - - running -

Pond Elev. = 1893.5
Claims Dredged = 74-75 B.L.D.
Surface Area = 2.37 Acres.
Avg. Width Cut = 215 Ft.
Length = 500 Ft.

$\frac{1145}{9}$ $\frac{11596}{9}$ $\frac{11525}{9}$

10309 10436 10372

Thawing Writeoff

Block Nº 70 Remainder = 17477 Cu Yds.

72 (18.1)	2106 − 1513 = 593	2705 − 2106 = 599	$\frac{596 \times 17.57 \times 18.1}{3}$	=	63176
73 (16.1)	2347 − 2035 = 312	2664 − 2347 = 317	$\frac{315 \times 17.57 \times 16.1}{3}$	=	2971
				Total =	10553

Stripping Writeoff

X-sec 165-166	Remainder	=	3763	Cu Yds.
166-167		=	6193	
167-168	3/4	=	27230	
168-169	3/4	=	26900	
169-170	1/4	=	9845	
		Total =	71931	

Dredge N° 10 Oct. 1949

Dredge operated 31 days
dug 645 hrs. 25 min = 26.91 days = 86.82 %
lost 98 - 05 = 4.09 = 13.18 %
Avg. Hgt. Bank = 2.2 Ft.
Depth = 13.7
Total = 15.9

Surface $\frac{2535}{1428}\ \frac{3644}{2535}$ $1107\ \ 1109$ $1108 \times 17.57 = 19468$ Sq. Yds.

Bedrock $\frac{4703}{3601}\ \frac{5800}{4703}$ $1102\ \ 1097$ $1100 \times 17.57 = 19327$

$19327 - 13879$

Avg. Area = 19398

$19398 \times \frac{15.9}{3} = 102809$ Cu. Yds.

$\frac{102809}{31} = 3316$ Cu. Yds. per day elapsed time

$\frac{102809}{26.91} = 3820$ - running

Pond Elev. = 1890.7
Claims Dredged = 74-75 B.L.D.
Surface Area = 4.02 Acres
Avg. Width Cut = 200 Ft.
Length = 850

$19468 \times 9 = 175212$

$19327 \times 9 = 173943$

$19398 \times 9 = 174582$

Thawing Writeoff

Block No 72 (18.1)	7632 − 7598 = 34	7666 − 7632 = 34	$\frac{34 \times 17.57 \times 18.1}{3}$	= 3604 cu.yds.
73	Remainder			= 43367
74 (18.5)	8040 − 8014 = 26	8067 − 8040 = 27	$\frac{9 \times 17.57 \times 18.5}{3}$	= 2925
75 (20.4)	7840 − 2666 = 174	8014 − 7840 = 174	$\frac{174 \times 17.57 \times 20.4}{3}$ (L-8)	= 20789
			Total	= 70685

Stripping Writeoff

X ns 167-168	Remainder	= 8411 cu.yds.
168-169		= 8967
169-170 2/3		= 19690
170-171 1/3		= 13633
	Total	= 50701

Dredge No 10 — Nov. 1949

Shutdown Nov 22 - 8:00 AM

Dredge operated 21 days.
dug 447 hrs. 20 min = 18.64 days = 88.76 %
lost 56 " . 40 " = 2.36 " = 11.24 %
Avg Hgt Bank = 2.3 Ft.
" Depth = 13.0 " "
Total " = 15.3 " "

Surface

4630	5383
3877	4630
753	753

753 X 17.57 = 13230 sq. yds.

Bedrock

6855	7600
6111	6855
744	745

745 X 17.57 = 13090

2 | 26320

Avg. Area: 13160

$$\frac{13160 \times 5.1}{3} = 67116 \text{ cu. yds.}$$

$$\frac{67116}{21} = 3196 \text{ cu. yds. per day elapsed time}$$

$$\frac{67116}{18.64} = 3601 \text{ " " " " running "}$$

Pond Elev : 1890.4
Claims Dredged : 75-76 B.L.D.
Surface Area : 2.73 Acres
Avg Width Cut : 170 Ft.
" Length " : 800 " "

13230	13090	13160
9	9	9
119070	117810	118440

Thawing Write off

#14 - 2785 2789
2781 2785
4 4

4 x 17.5 x 7 x 18.5 / 3 = 433 Cu.Yds.

#7 - 386 404
371 386
15 18

17 x 17.5 x 7 x 18.1 / 3 = 1798

Total 2231

Stripping Write off

X 169-170 - 1/10 Remainder = 995 Cu.Yds.

X 170-171 - 1/10 " = 2727

Total 3722

Dredge No. 10 — April 1970

Started digging Apr. 22 - 10 AM

Dredge operated 6 days

- dug 123 hrs. 30 min = 5.5 days = 85.76 %
- lost 20 - 30 - = 0.85 - = 14.24 %

Avg Hgt Bank = 1.8 ft.

- Depth = 14.8 -

Total - = 16.6 -

Surface	5440 / 5410 (30)	5467 / 5440 (27)	28 × 17.57	= 492 Sq. Yds.
Bedrock	5342 / 5316 (26)	5368 / 5342 (26)	26 × 17.57	= 456 -
				= 948

Avg. area = 474 -

$$\frac{474 \times 16.6}{3} = 2623 \text{ Cu. Yds}$$

$\frac{2623}{6} = 437$ Cu. Yds per day elapsed time

$\frac{2623}{5.15} = 509$ - - running -

Pond Elev. - 1890.0

Claims dredged - 75-76 BLD Dom.

Surface area - 0.10 Acres

Avg width cut - 175 Ft.

- length - 75 -

492 / 9	456 / 9	474 / 9
4428	4104	4266

Thawing Writeoff

Block 72 - Remainder = 27343 Cu.Yds.

- 74 (18.5) - 8914 / 8718 / 196 - 9108 / 8914 / 194 / 65 / 195 x 17.5 x 18.5 / 3 = 21127 -

Total = 46470 -

Stripping Writeoff

X2, 169-170- Remainder = 8951 Cu.Yds.

170-171- 2/3 - = 16360 -

171-172- 1/14 - = 2932 -

Total = 28243

Dredge No. 10 — May 1950

Dredge operated 31 days
- dug 662 hrs 0 min = 27.58 days = 88.98 %
- lost 8 - 0 - = 3.42 - = 11.02 %
- Avg. Hgt Bank = 3.3 Ft.
- Depth = 14.3 -
- Total - = 17.6 -

Surface 487 X 17.57 = 8557 sq. yds.

Bedrock 477.5 X 17.57 = 8389 " "

2 | 16946

Av. Area = 8473 " "

8473 X 59/146 = 49708 / 49991 cu. yd.

49708 / 31 = 1603 / 1617 cu. yd per Elapsed Day

49708 / 27.58 = 1802 / 1813 " " " Running Day

Pond Elev - ? 1893.7
Claims dredged - 75-76 BLD Com.
Surface Area - 1.77 Acres
Avg Width cut - 180 ft.
- Length - - 428 ".

Surface Area	Bedrock	Av.
77013	75501	76257

Thawing Write off

Block 74 - Remainder = 90779 Cu Yds.

- 75 (20.4) - 2440 x 100 x 20.4 / 27 = 18133 -

Total = 108712

Stripping Write off

X171-172 - 2/3 Remainder = 2442 CY

172-173 - 2/3 - = 2440 -

173-174 - 1/5 - = 7384

Total = 82248

Dredge #10 June 1950

Dredge Operated 30 days
" dug 635 hrs 30 Min. = 26.48 days = 88.26%
" lost 84 " 30 " = 3.52 " 11.74%
Aver Hgt. of Bank = 2.3'
" Depth 15.1'
Total " 17.4'

Surface = 0387 / 1431 = 1044. 1431 / 2475 = 1044 Area = 1044 × 17.57 = 18343 sq yd.

Bed Rock: 3498 / 2467 / 1031 1532 / 3498 / 1034 1032.5 × 17.57 = 18141 " "
3648 "

Av. Area = 18242 " "

$18242 + \frac{17.4}{3}$ (5.8) = 105,804 cu. yds.

$\frac{105804}{30}$ = 3526.8 cu. yds / Elapsed Day

$\frac{105804}{2648}$ = 3995.6 " " / Running Day

Pond El 1891.4
Claims 76 BLD Dom.
Surface Area 3.79 Acres
Av. Width of Cut 254 ft
" Length " " 650 "

Surface Area	Bed Rock Area	A.V
165089	163269	164179

Thaw Writeoff

Block 77 - Remainder = 78770 Cu Yds

- 77 - $\frac{430 \times 280 \times 19.5}{27}$ = 869 ✓

Total = 14 ✓ ✓ 2 ✓ ✓

Stripping Writeoff

X² 170-171 - Remainder = 8180 Cu Yds.

171 - 172 ✓ = 1270 ✓

172 - 173 ✓ = 1276 ✓

173 - 174 ½ ✓ = 1478 ✓

174 - 175 ½ ✓ = 1811 ✓

175 - 176 ½ ✓ = 1755 ✓

Total = 84143 ✓ ✓

Dredge #10 July 1950

Dredge operated 31 days.
" dug 663 hrs 10 min. = 27.63 days. = 89.14%
" lost 80 " 50 " = 3 37 " 10.86%

Av. hgt of Bank = 1.2'
" Depth = 17.0
Total " 18.2

Surface 9693 / 8+11 / 1282 — 10981 / 9693 / 1288 — 1285 ' Area = 1285 × 17.57 = 22577 sq. yds.

Bed rock 2630 / 1364 / 1266 — 3901 / 2630 / 1271 — 1268.5 ' Area = 1268.5 × 1757 = 22288 " "
44865

Average Area 22432.5 " "

74775
22432.5 × 18.2/3 = 136,091 cu. yd.

136091 / 31 = 4390.0 cu. yd per day

136091 / 27.63 = 4925.5 " "/Running day

Pond El = 1890.3
claims 76-77 BLD.
Surface Area = 4.66 Acres
Aver. Width of Cut 279
" Length " 728

203,193 200,592 201,8885

Thaw write off

Block 76 — $\frac{3519}{2543}$ $\frac{4499}{3519}$ $978 \times \frac{17.57}{3} \times 22.0$ = 126006

22.0 — 976 — 980

Stripping write off

XCS 73-74	Remainder	=	14767
174-175	✓	=	18211
175-176	✓	=	17551
176-177	✓	=	8629
	Total		59158

Dredge # 10 Aug. 1950

Dredge Operated 31 days
" Dug 662 hrs 10 min = 27.61 days = 89.07%
" Lost 81 " 20 " 3.39 " 10.93%

Av Ht of Bank ~~3.9~~ 4.0
" Depth 18.5
Total ~~22.4~~ 22.5

Surface. 9061 10124 1062 x 17.57 = 18659 sq.yd
8000 9961
1061 1063

Bedrock 1170 2224 1053 x 17.57 = 18501 " "
0119 1170
1051 1054

2)37160
18580 " "

Av. Area =

18580 x ~~22.4~~ 22.5 / 3 =

139350
~~138731~~
31

139350
27.61

139350
~~138731~~ cu. yds.

4495.2
~~4475.1~~ cu. yd./Elapsed day

5047.1
~~5024.7~~ " /Running "

Pond El 1890.1

Claims dredged 76-77 BLD Dom.

Surface Area = 3.85 Acres

Length of Cut 605'
Width 273

167931 166509 167220

Thaw write off

Block 76 — $\frac{3179}{2781}\ \frac{3578}{3179}\ \frac{}{398}\ \frac{}{399}$ $399 \times \frac{17.57}{3} \times 22.0$ = 51414

77 - Remainder = 87175

79 — $\frac{6186}{6091}\ \frac{6282}{6186}\ \frac{}{95}\ \frac{}{96}$ $96 \times \frac{17.57}{3} \times 18.7$ = 10509

Total 149098

Stripping write off

176 - 177 · Remainder = 25886

177 - 178 ✓ = 32622

178 - 179 $\frac{1}{4}$ ✓ $= \frac{1}{4} \times$ = 8994

Total 67502

Dredge #10 Sept. 1950

Dredge Operated 30 days

Dredge Ran	629 hrs	45 min =	26.2 days	87.47%
" Lost	90 "	15 "	3.8 "	12.53%

Av. Height of Bank = 2.5'
" Depth 18.8
Total 21.3

Area: Surface

7546	8735	1190 x 17.57 =	20908 sq. yd.
6356	7546		
1190	1189		

Bedrock

9882	11034	1153 x 17.57 =	20258 sq. yd.
8728	9882		
1154	1152		

41166

Average 20583 sq. yd.

$20583 \times \frac{21.3}{3} =$ 146,139 cu. yd.

$\frac{146,139}{30} =$ 4871.3 cu yd / Elapsed Day

$\frac{146139}{26.2}$ 5578.5 cu. yd / Running Day.

Pond El. 1887.6

Claims Dredged. - 77

Area. 4.32 Acres

Length of cut 850'

Width of cut 221'

188172 182322 185247

Thawing Write off

Block 76 - Remainder = 20062 Cu Yds.

77 - = 0

78 - 4966 / 4715 / 49 (21.1) — 5410 / 4966 / 448 — 150 / 450 × 17.57 × 21.1 / 3 = 5650

79 - 6937 / 6277 / 660 (18.7) — 7593 / 6937 / 656 — 658 × 17.57 × 18.7 / 3 = 71941

Total = 149653

Stripping Write off

X-ing 178-179 - Remainder = 26981 Cu Yds.

179-180 - = 39615

Total = 66596

Dredge #10 Oct 1950

Dredge Operated 31 days

Dredge Dug 643 hrs 55 Min = 26.83 days = 86.55%

Dredge Lost 100 hrs 05 " = 4.17 " = 13.45%

Av. Height	5.1
Av. Depth	17.3
Total	22.4

Area: Surface = $\frac{5678}{4511}{}_{1167}$ $\frac{6857}{5678}{}_{1179}$ = 1173 x 17.57 = 20610 Sq. Yd.

Bedrock = $\frac{8029}{6849}{}_{1180}$ $\frac{9207}{8029}{}_{1178}$ 1179 x 17.57 = 20715 Sq yd.

413 x

Average 20663 Sq yd.

$20663 \times \frac{22.4}{3} =$ 154,284 Cu yds

$\frac{154284}{31} =$ ~~4995.5~~ 4977. Cu.yd/Elapsed Day

$\frac{154284}{26.83} =$ 5750.5 cuyd/Running Day.

Pond El = 1888.2

Claims Dredged = 77-78 840 Dominion

Area 4.26 Acres.

Length of Cut 883

Width of Cut 210'

185490 186435 185967

Thawing Write Off

Block 78 = 1300 × $\frac{21.1}{3}$ = 9139 Cu. yds

~21.1

Stripping Write-Off.

Xn 180-181 - 1/6 Remainder = 7071 Cu Yds.

Nov. 5/50

Dredge # 10 Shut Down Nov. 5, 1 AM.

Dredge Operated 4 days

Dredge Dug 68 hrs. 35 min = 2.86 days = 71.44 %

Dredge Lost 27 - 25 = 1.14 = 28.57 %

Av. Height of Bank = 5.7 Ft.
Av. Depth = 17.8 "
Total = 23.5 "

Area: Surface $\frac{5176}{5100}\ \frac{5248}{5176}$ $\frac{76}{72}$ 74 × 17.57 = 1300 sq. yd.

Bedrock $\frac{5326}{5257}\ \frac{5391}{5326}$ $\frac{69}{65}$ 67 × 17.57 = 1177 " "

2477

Av. Avg Area = 1239 " "

$\frac{1239 \times 23.5}{3} = 9705$ Cu. Yds.

$\frac{9705}{4} = 2426$ Cu. Yds. per day elapsed time

$\frac{9705}{2.86} = 3393$ " " running "

Pond El. 1888.2

Claims Dredged 78 BLD Dominion

Area 0.27 Acres

Length of cut 63'

Width of cut 185'

11700 10593 11151

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