DR. Nº 6

Dredge No 6

BLUE LINE

ST. JOHNS P.Q.

"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

8 x Buckets

Dredge No 6 April 1938

Dredge started April 28th 3 p.m.
operated 2 days 16 hrs = 2.67 days.
dug 60 hrs. 30 min = 2.52 days = 94.53%
lost 3 hrs. 30 min = .15 " = 5.47%

Avg. Hgt. of Bank = 2 Feet.
Depth = 25 "
Total Depth = 27 "

Nominal number Cu. Yds dug = 5000
= 1872 Cu Yds. per day elapsed time.
= 1984 " " " " running "

1" = 100'

Factor = 18.07

= 5q. Yds.

Vernier e 34

Dredge No 6 May 1938

Dredge operated 31 days

" dug 639 hrs 45 min = 26.66 days = 85.99%

" lost 104 " 15 " = 4.34 " = 14.01%

Avg. Hgt. of Bank = 3.7 Feet

" Depth = 25.7 "

Total Depth = 29.4 "

Surface 7907 8535 / 7884 7907 / 623 628 — 625 x 18.07 = 11294 Sq. Yds.

Bedrock 9625 0265 / 9064 9625 / 561 540 — 540 x 18.07 = 10661 Sq. Yds.

2 | 21955

Avg. Area = 10978 Sq. Yds.

$\frac{10978 \times 29.4}{3} = 107584$ Cu. Yds.

$= 5000$ " " credited in April

$= 102584$ Cu. Yds.

$\frac{102584}{31} = 3309$ Cu. Yds. per day elapsed time.

$\frac{102584}{26.66} = 3848$ " " " " running "

Stripping Writeoff

Line 16 8844 8956 9075 / 8726 8845 8958 / 118 111 117 — 117 x 32.52 = 3805 Sq. Feet

Line 17 1153 1283 / 1024 1153 / 129 130 — 130 x 16.26 = 2114 " "

Line 18 0554 0642 / 0465 0554 / 89 88 — 88 x 16.26 = 1431 " "

Between lines 16 + 17 $\frac{(3805 + 2114) \times 100}{2 \times 27} = 1959$ Cu. Yds

" " 17 + 18 $\frac{(2114 + 1431) \times 100}{2 \times 27} = 6567$ " "

" " 18 + 19 $\frac{1431 \times 25}{27} = 1325$ " "

18851 Cu. Yds. = Total Stripping Writeoff

Thawing Writeoff

Unit No 20 3654 3743 / 3564 3654 / 90 89 — 90 x 162.6 = 14634 Sq. Ft. $\frac{14634 \times 31}{27} = 16802$ Cu. Yds

Unit No 28 4190 4420 / 3962 4190 / 228 230 — 229 x 162.6 = 37235 Sq. Ft. $\frac{37235 \times 27.4}{27} = 37787$ " "

Unit No 29 4420 4116 / 4116 3814 / 304 302 — 4910 Sq. Ft. $\frac{4910 \times 29.7}{27} = 5401$ " "

Total Thawing Writeoff 10860 " "

Stripping Write off

Line 16 Area = 480 Sq Ft

Line 17	5353 5398 55	5417 5353 59	5470 5417 118	57 × 16.26 =	927 Sq Ft	703
Line 18	4693 4758 124	4787 4693 114	4903 4787 116	115 × 16.26 =	1870	1368
Line 19	5806 5632 174	5985 5806 179	6165 5985 180	180 × 16.26 =	2927	2395
Line 20	6489 6068 221	6510 6289 221		221 × 16.26 =	3593	3760

Thawing Write off

Block 20 All = = 5993 Cu Yds

✓	21	2335 2278 57	2305 2235 70	2376 2305 71	70 × 162.6 = 11382 Sq Ft × 31/27	= 13068 Cu Yds
✓	27	2455 2377 82	2545 2459 87		86 × 162.6 = 13984 " " × 32.8/27	= 11809 " "
✓	28	3077 2823 554	3633 3077 556		555 × 162.6 = 90243 " " × 27.4/27	= 91580 " "
✓	29	3654 3566 89	3740 3654 86		88 × 162.6 = 14309 " " × 29.7/27	= 15740 " "
					Total	= 138190

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

DREDGE No 6 JUNE 1938

DREDGE operated 30 days.
" dug 647 hrs 10 min. = 26.96 days = 89.88 %
lost 72 " 50 " = 3.04 " = 10.12 %

Avg. Hgt of Bank = 2.0
" Depth = 24.7
Total Depth 26.7

Surface

2116	2967	3824		
1269	2116	2967	851 x 18.07 =	15,378 Sq Yds.
847	851	857		

Bedrock.

4661	5497	6339		
3822	4661	5497		
839	836	842	839 x 18.07 =	15,161 Sq. Yds.

Total 2|30,539
Average 15,269 Sq Yds.

$\frac{15,269 \times 26.7}{3}$ = 135,894 Cu Yds.

$\frac{135,894}{30}$ = 4,530 Cu Yds Per day Elapsed time.

$\frac{135,894}{2696}$ = 5,041 Cu. Yds Per day Digging time

Stripping Writeoff

Between	16+17	–	703 x 100 = 70300 Cu Ft	=	2601	Cu. Yds
✓	17+18	–	1398 x 100 = 139800	✓	= 5173	✓
✓	18+19	–	2398 x 100 = 239800	✓	= 8873	✓
✓	19+20	–	3260 x 100 = 326000	✓	= 12062	✓
✓	20+21	–	3543 x 40 = 141720	✓	= 5318	✓
			Total		= 34027	Cu Yds

Thawing Writeoff

Block	20	– 5993 Cu Yds	
✓	21	– 13068	✓ ✓
✓	27	– 11809	✓ ✓
✓	28	– 91580	✓ ✓
✓	29	– 15740	✓ ✓
Total		138190 Cu. Yds	

Fac. 16.26

Stripping Write off

Line 17 — 3174 − 3150 = 24; 3174 − 3152 = 22; 3221 − 3196 = 25 = 24 × 16.26 = 390

" 18 — 1594 − 1446 = 148; 1745 − 1594 = 151; 1891 − 1745 = 146; 2042 − 1891 = 151; 1581 − 1452 = 129 = 151 × 16.26 = 2455

" 19 — 1325 − 1196 = 129; 1325 − 1198 = 127; 1452 − 1325 = 127; 1579 − 1452 = 127 = 129 × 16.26 = 2098

" 20 — 3129 − 2922 = 207; 3347 − 3134 = 213; 3760 − 3550 = 210; 3342 − 3134 = 208 = 209 × 16.26 = 3398

Between Lines

16 + 17	= 390 × 15	= 5850 cu ft ÷ 27	= 216 cu. yds
17 + 18	= 1422 × 100	= 142200 "	= 5261 "
18 + 19	= 2277 × 100	= 227700 "	= 8425 "
19 + 20	= 2748 × 100	= 274800 "	= 10168 "
20 + 21	= 3398 × 60	= 203880 "	= 7544 "
		Total	31,614 cu. yds.

Thawing Write off

Block # 29 — 1089 − 0345 = 744; 1837 − 1089 = 748; 2585 − 1837 = 748 = 748 × 162.6 = 121,625 sq ft.

Block # 29 = 121625 × 29.7/27 = 133,788 cu. yds. Total.

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

Pond elev: 1635.9'

DREDGE № 6

JULY 1938

Dredge operated 31 days.

dug 669 hrs 40 min. = 27.9 days = 90.0%
lost 74 hrs 20 min. = 3.1 " = 10.0%

Avg. Hgt of bank = 5.0 Feet
Depth = 22.5
Total depth 27.5 Feet.

Surface

7464	8225	8990
6701	7464	8225
763	761	765

= 763 x 18.07 = 13787 Sq. yds

Bedrock

9753	10519	1283
8983	9753	519
770	766	764

= 767 x 18.07

13860
2 | 27647
Avg. Area = 13824 Sq. yds

13824 x 27.5 / 3 = 126720

126720 / 31 = 4088 cu. yds per day — elapsed time

126720 / 27.9 = 4542 cu. yds per day — running time

Stripping writeoff

Between Lines 16 - 17 = 390 x 15/27 = 216 cu. yds.
17 - 18 = 1422 x 100/27 = 5261
18 - 19 = 2277 x 100/27 = 8425
19 - 20 = 2748 x 100/27 = 10168
20 - 21 = 3398 x 40/27 = 7544
Total stripping writeoff 31,614 cu. yds.

Thawing writeoff

Block # 29 = 121625 sq. ft. x 29.7/27 = 133,788 cu. yds.
Total thawing writeoff 133,788 cu. yds.

Fac. 16.26

Stripping Write off

Line Z1 4177 / 3896 / 281 — 4453 / 4177 / 276 — 4733 / 4453 / 279 = 278 × 16.26 = 4520

Z2 5367 / 5190 / 177 — 5543 / 5367 / 180 — 5726 / 5547 / 179 = 179 × 16.26 = 2910 } 3715

Z3 8055 / 7655 / 345 — 8343 / 8000 / 343 = 344 × 16.26 = 5593 } 4251

Between Lines

Z0 + Z1	4520 × 30 = 135600 Cu Ft	= 5017	Cu. Yds.
Z1 + Z2	3715 × 100 = 371500 " "	= 13746	" "
Z2 + Z3	4251 × 100 = 425100 " "	= 15729	" "
Z3 + Z4	5593 × 40 = 223720 " "	= 8277	" "
	Total Write off =	42769	Cu Yds.

Thawing Write off

Block # 30 — 4620 / 3961 / 659 — 5276 / 4620 / 656 — 5931 / 5276 / 655 = 657 × 162.6 = 106828 sq ft.

Block # 29 All.

Block # 29 14941 sq ft. 1656 cu. yds.

Block # 30 = 106828 × 31.1/27 = 123050 cu. yds.

Total 139,506 cu. yds.

CHKD JDS.

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

DREDGE Nº 6

August 1938

Dredge operated 31 days.

dug 679 Hrs. 05 min. = 28.3 days = 91.27 %
lost 64 ✓ 55 min = 2.7 days = 8.73 %

Average Hgt of bank = 3.1 feet
" depth = 22.0
Total depth. 25.1

Surface:

$$\frac{4896}{4096}\quad\frac{5700}{4896}\quad\frac{6508}{5700}$$
$$\frac{800}{}\quad\frac{804}{}\quad\frac{808}{}$$

= 804 × 18.07 = 14528 Sq. yds

Bedrock:

$$\frac{7255}{6487}\quad\frac{8023}{7255}\quad\frac{8792}{8023}$$
$$\frac{768}{}\quad\frac{768}{}\quad\frac{769}{}$$

= 768 × 18.07 = 13878

2 | 28406

Avg. Area = 14203 Sq. yds.

14203 × 25.1 / 3 = 118832 cu. yds.

$\frac{118832}{31}$ = 3833 cu. yds per day : elapsed time

$\frac{118832}{28.3}$ = 4199 cu. yds. per day : running time

Checked GGF.

Sept. 1938

Thawing Write-off

Block # 30 All 33,194 sq ft 33,194 Sq. ft.

Block # 31 3281 − 2814 = 467; 3747 − 3281 = 466; 4713 − 3747 = 466 = 466 x 162.6 = 75,772 " "

30 = 38286 Cu. Yds. 38286 cu. yds.

31 = 75772 sq ft. x 38.4/27 = 107,765 cu. yds.

Total 146,041 cu. yds.

146,051

Stripping Write-off

Line	23	8000 − 7655 = 345	8343 − 8000 = 393			= 344 x 16.26	= 5593 Sq feet.
	24	9658 − 9201 = 457	9111 − 9158 = 453	0563 − 0111 = 452		= 454 x "	= 7382 " "
	25	3108 − 1682 = 426	2522 − 2108 = 424	3350 − 2935 = 415	2935 − 2522 = 413	= 419 x "	= 6813 " "
	26	5051 − 4876 = 175	5227 − 5051 = 176	5396 − 5227 = 169	5567 − 5396 = 171	= 173 x "	= 2813 " "

Between Line 23 & 24 = (6487 x 100/27) − 8277 = 24002 − 8277 = 15725 Cu Yds

24 - 25 = 7097 x 100/27 = 26,259 " "

25 - 26 = 4813 x 100/27 = 17,808 " "

26 - 27 = 2813 x 20/27 = 2,081 " "

Total 61,873 " "

(Note: 24002 is total Stripped Between 23-24 which N°6 has dug
8277 is August Write-off.)

1" = 100'
Factor = 18.07
= sq. yds.
Vernier at 34.

DREDGE Nº 6 — SEPTEMBER 1938.

DREDGE operated 30 days.
" dug 634 Hrs. 30 min. = 26.44 days = 88.12 %
" lost 85 Hrs 30 min. = 3.56 days = 11.88 %

Average Hgt of bank = 3.1 Feet
" depth = 22.1
Total depth 25.2

SURFACE: 0806 / 0085 = 721; 4417 / 3696 = 721; 5138 / 4417 = 721 = 721 x 18.07 = 13028 sq. yds.

BEDROCK: 5815 / 5417 = 698; 6523 / 5815 = 708; 7225 / 6523 = 702; 7932 / 7225 = 707 = 705 x 18.07 = 12739 sq. yds.

2 | 25767
Avg. Area = 12884

12884 x 25.2/3 = 108,226 cu. yds.

108226 / 30 = 3608 cu. yds per day : elapsed time

108226 / 26.44 = 4093 " " " " : running time

Chkd.

Stripping Write off

					0		0
Line	#26	7160 − 6857 = 303	7457 − 7160 = 297	7755 − 7457 = 298	= 299 × 16.26	=	4862 sq.ft.
"	#27	9940 − 9479 = 461	0397 − 9940 = 457		= 459 × 16.26	=	7463 "
"	#28	1685 − 1443 = 242	1927 − 1685 = 242		= 242 × 16.26	=	3935 "

Between Lines

"	" 25-26	2431 × 100/27	= 9004 cu. yds.
"	" 26-27	6163 × 100/27	= 22,826 " "
"	" 27-28	5699 × 100/27	= 21,107 " "
"	" 28-29	3935 × 30/27	= 4,372 " "
		Total:	57,309 " "

Thawing Write off

Block #32 — 4701 − 4550 = 151; 4852 − 4701 = 151 — = 151 × 162.6 = 24553 sq.ft.

#31 Remainder

#32 = 24553 × 39.4/27 = 35,829 cu. yds.

#31 = 76490 sq.ft. = 108,345 cu yds.

Total: 144,174 cu. yds.

1" = 100
Factor 18.07
= Sq. yds.
Vernier at 34

DREDGE N°6 October 1938

Dredge operated 31 days
" dug 692 hrs. 15 min = 28.84 days = 93.04 %
" lost 51 " 45 " = 2.16 " = 6.96 %
Avg Hgt of Bank = 1.8
" Depth 22.7
Total Depth 24.5

Surface: $\frac{6385}{5750}\ \frac{7018}{6385}\ \frac{7650}{7015}$ / $635\ \ 633\ \ 635$ = 635 X 18.07 = 11474 Sq. yds

Bedrock $\frac{8223}{7614}\ \frac{8832}{8223}$ / $609\ \ 609$ = 609 X 18.07 = 11005 "

2) 22479

Avg Area = 11,239 Sq. yds.

$11239 \times \frac{24.5}{3}$ = 91,785 Total Cu. yds

$\frac{91.785}{31}$ = 2,961 cu. yds per day - Elapsed Time

$\frac{91785}{28.84}$ = 3,183 " " " " - Running Time

J.D.S. Oct-2-38

STRIPPING WRITE-OFF

Line 28- between 27-28 $\frac{9547}{9423}\ \frac{9669}{9547}$ $\frac{124}{}\ \frac{122}{}$ $123 \times 16.26 = 2000 \times \frac{35}{27} = 2592$ cu yds

Line 28 - " 28-29 $\frac{9726}{9672}\ \frac{9779}{9726}$ $\frac{54}{}\ \frac{53}{}$ $54 \times 16.26 = 878 \times \frac{30}{27} = 975$

Total Cu Yds 3567

THAWING WRITE-OFF

Block 32 — $\frac{8863}{8818}\ \frac{8910}{8863}$ $\frac{45}{}\ \frac{47}{}$ $46 \times 16.26 = \frac{7480 \times 39.4}{27} = 10915$ Cu Yds.

1" = 100'
Factor 18·07
= Sq. yds
Vernier at 34

DREDGE N°6

November 1938

Dredge operated 8 days.
" dug 166 hrs 40 min = 6·95 days = 86·8%
" Lost 25 " 20 " = 1·05 " = 13·2%
Avg Hgt of Bank 1·5 Feet
" Depth 23·2 "
Total Depth 24·7 Feet.

Surface $\frac{0268}{0131}\ \frac{137}{}$ $\frac{0404}{0268}\ \frac{136}{}$ = 136 × 18·07 = 2458 Sq. yds.

Bedrock $\frac{0530}{0402}\ \frac{128}{}$ $\frac{0658}{0530}\ \frac{128}{}$ = 128 × 18·07 = 2313 " "

2) 4771 Sq. yds

Avg. Area 2396 Sq. yds.

$2396 \times \frac{24·7}{3}$ = 19727 cu. yds. Total

$\frac{19727}{8}$ = 2466 cu. yds. per day – Elapsed Time

$\frac{19727}{6·95}$ = 2838 " " " " – Running Time

J.D.S. Nov-15-39

Thawing Write-off

Block # 32

9477	9765	0051
9187	9477	9765
290	288	286

$= 288 \times 162.6 = 46829 \text{ sq.ft.} \times \frac{39.4}{27} = 68335$ cu yds.

Total = 68,335 cu. yds.

Stripping Write-off

N.B. Fac. $16.26 \times \frac{100}{27} = 60.22$

Line # 27 = 0

32.5 × 60.22 = 1957 cu. yds.

" #28 $\begin{array}{cc} 7128 & 7193 \\ 7063 & 7128 \\ \hline 65 & 65 \end{array}$ = 65 × 16.26

240.5 × " = 14483 " "

" #29 $\begin{array}{ccc} 5744 & 6166 & 6582 \\ 5329 & 5744 & 6166 \\ \hline 415 & 422 & 416 \end{array}$ = 416 × 16.26 =

299.5 × " = 18036 " "

" #30 $\begin{array}{ccc} 5666 & 5845 & 6028 \\ 5483 & 5666 & 5845 \\ \hline 183 & 179 & 183 \end{array}$ = 183 × 16.26 =

91.5 × " = 5510 " "

" #31 = 0

Total = 39,986 cu. yds.

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

DREDGE No 6

MAY 1939

Dredge operated 26 days.
dug 523 Hrs. 55 min. = 21.83 days = 87.32 %
lost 76 Hrs. 05 min = 3.17 " = 12.68 %

Avg. Hgt of Bank = 2.0'
" Depth = 22.5'
Total " = 24.5'

SURFACE:

2039	2603		
1475	2039		
564	564	= 564 x 18.07	= 10191 sq. yds.

BEDROCK:

3165	3704		
2627	3165	= 539 x 18.07	= 9740
538	539		2 | 19931
		Avg. Area =	9966

9966 x 24.5/3 = 81389 cu. yds. total.

$\frac{81389}{26}$ = 3130 cu. yds per day — elapsed time

$\frac{81389}{21.83}$ = 3728 cu. yds. per day — running time

Note: Dr #6 was measured on the 31st and actually operated 25 days only. Lost Time is figured on actual operating time - 25 days

Pond Elev. May 31 - 1633.4
Claims dredged - 266-2T, 268-1T, 268-2T.
Surface area = 2.10 acres
Avg. Width of cut = 500 Feet.
" Length " " = 190 " "

THAWING WRITE-OFF

Unit #321 REMAINDER 3154 Sq Ft. 4603 Cu Yds.

Unit #331 $\frac{6116}{5727}$ $\frac{6501}{6116}$ $\frac{7270}{6881}$ = 388 × 162.6 = 63089 Sq Ft. × $\frac{40.8}{27}$ = 95334 Cu Yds.

389 385 389

TOTAL 99,937 Cu Yds.

STRIPPING Write-OFF

X" Line 29 0

64 × 60.22 = 3,854 Cu Yds.

" 30 $\frac{1008}{0880}$ $\frac{1136}{1008}$ = 128

128 128

222 × " = 13,369 " "

" 31 $\frac{9773}{9456}$ $\frac{10091}{9773}$ = 317

317 318

344 × " = 20,716 " "

" 32 $\frac{8171}{7799}$ $\frac{8541}{8171}$ = 371

372 370

300 × " = 18,066

" 33 $\frac{5605}{5376}$ $\frac{5833}{5605}$ = 228

229 228 (for 33 only)

76 × " = 4,577

" 34

Total 60,582 Cu Yds.

1" = 100'
Fac = 1807
= Sq Yds.
Vernier = 34.0

DREDGE No 6

June 1939.

DREDGE OPERATED = 30 days
DREDGE DUG 66.3 hrs 05 mm = 27.63 days = 92.09 %
" LOST 56 " 55 " = 2.37 " = 7.91 %

AVG - Height of BANK = 3.2 Ft.
" DEPTH = 22.8
Total DEPTH = 26.0

SURFACE $\frac{0557\ \ 1515\ \ 2278}{9599\ \ 0557\ \ 1515}$ = 959 x 1807 = 17,329 Sq Yds.
958 958 963

BEDROCK $\frac{3460\ \ 7397}{2526\ \ 3460}$ = 934 x 1807 = 16,877 Sq Yds.
934 934
2 134206

AVG AREA 17,103 Sq Yds.

$17103 \times \frac{26}{3} = 148,226$ Cu Yds

$\frac{148,226}{30} = 4941$ Cu Yds per day Elapsed Time.

$\frac{148\,226}{27.63} = 5365$ Cu. Yds per day Digging Time.

GEF 7/3/39.

PSC

Road Elev. June 30 - 1632.3
Claims dredged - 268-2T and 269-2T
Surface Area = 3.58 Acres
Avg Width of cut = 520 Ft.
" Length " " = 300 Ft.

7W3671

THAWING WRITE OFF
Granville Reserves

Unit # 331 REMAINDER. 47,782 Sq Ft 69,813 Cu Yds

Unit # 341. All. 45,270 Sq Ft 69,799 Cu Yds

Unit # 342 (Granville) All. 81,978 Cu Yds

Total 216,540 Cu Yds

STRIPPING LIMIT.
Granville Reserves

X-Line. 32

20' only ($\frac{1}{5}$ rdg #33) 29 x 60.22 = 1746 Cu Yds.

33 $\frac{7952}{7806} \quad \frac{8100}{7952}$ = 147 294 x " = 17705 "

34 $\frac{8710}{8272} \quad \frac{9153}{8710}$ = 441 457 x " = 27520 "

35 $\frac{8287}{7818} \quad \frac{8763}{8287}$ = 473 375 x " = 22582 "

36 $\frac{8427}{8149} \quad \frac{8702}{8427}$ = 277 138 x " = 8310 "

50' only ($\frac{1}{2}$ rdg #36)

37

Total 77,863 "

1" = 100'
for 18.07
Sq Yds
Vermer @ 340

DREDGE N° 6 — July 1939

DREDGE OPERATED. - 31 DAYS
" DUG - 688 HRS - 45 MINS. - 28.7 DAYS = 92.57%
" LOST = 55 " - 15 " = 2.3 " = 7.43%

Avg height of Bank = 4.5'
" Depth = 23.0'
Total " = 27.5'

SURFACE:- $\frac{8872}{7946}\ \frac{9902}{8872}\ \frac{10732}{9802}$ / $\frac{926}{930}\ \frac{930}{930}$ = 929 × 18.07 = 16,787 Sq Yds

BEDROCK :- $\frac{2020}{1119}\ \frac{3814}{2020}\ \frac{4718}{3814}$ / $\frac{901}{1794}\ \frac{904}{904}$ = 900 × 18.07 = 16,263 Sq Yds

2 | 33 050

Avg Area 16,525 Sq Yds.

$16525 \times \frac{27.5}{3} = 151,479$ Cu Yds.

$\frac{151,479}{31} = 4886$ Cu Yds per day Elapsed Time.

$\frac{151,479}{28.7} = 5278$ " " " " Digging Time.

Pond Elev Aug 1 — 1631.8
Claims dredged - 268-2T - 269-2T BL.D Dom.
Surface area - 3.47 acres.
Avg. Width Cut - 490 Feet
- Length - - 310 "

16787
151083.
16263
146367.
16525
148725.

THAWING WRITEOFF - Lower Sulphur Reserves

UNIT # 342 : All 106407 Sq. ft. 81978 cu. yds.

↖ 26233 cu. yds. 1939 thaw

UNIT # 1 (L.S.) $\frac{8656}{8043}\ \frac{9270}{8658}$ = 613 X 162.6 = 99674 sq ft. $\frac{37.5}{27}$ = 138447 " "

$\frac{613}{}\ \frac{612}{}$ Total 220425 " "

STRIPPING WRITEOFF - Granville Reserves

LINE # 35 (1/3 of X to 36 =

74.5 x 60.22 = 4486 cu. yds

36 $\frac{7509}{7285}\ \frac{7733}{7509}$ = 224

$\frac{224}{}\ \frac{224}{}$ 365 x 60.22 = 21980 " "

37 $\frac{1483}{0976}\ \frac{2484}{1979}$ = 506

$\frac{507}{}\ \frac{505}{}$ 451 x 60.22 = 27159 " "

38 $\frac{4274}{3876}\ \frac{4669}{4274}$ = 396

$\frac{398}{}\ \frac{395}{}$ 315 x 60.22 = 18969 " "

39 $\frac{5608}{5373}\ \frac{5841}{5608}$ = 234

$\frac{235}{}\ \frac{233}{}$ 117 x 60.22 = 7046 " "

40 - 0

Total 79,640 cu. yds.

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

DREDGE No 6 — AUGUST 1939

DREDGE operated 31 days.

dug. 692 Hrs. 05 min. = 28.84 days = 93.02 %
lost. 51 - 55 min. = 2.16 - = 6.98 %

Avg. Height of Bank = 4.6 Feet
Depth. 24.0 - -
Total - 28.6 - -

SURFACE
3793 4681 5571
2906 3793 4681
887 888 890
= 888 X 18.07 = 16046 Sq yds.

BEDROCK
6349 7196 8044
5505 6349 7196
844 847 848
= 846 X 18.07 = 15287 - -

2 | 31333
Avg. Area. 15667 - -

15667 X 28.4/3 = 149358 cu. yds. Total.

149358 / 31 = 4818 cu. yds per day elapsed time

149358 / 28.84 = 5179 - - - - running time

alg3

Pond Elev Sept 1st 1632.9
Claims dredged 246-270 272 T. 840 Com.
Surface area = 3.31 acres
Avg Width Cut = 480 Feet.
Length - = 300 - -

16046 / 9
144414

15283 / 9
13783

15669 / 9
141003

Thawing Writeoff - Lower Sulphur Reserves

Block 1 - Remainder = 16053 Cu.Yds.

Block 2 - 6190 − 5768 = 422 ; 8053 − 7431 = 622

622 × 162.6 = (Area) 101137 / 27 × 36.0 = 134849 Cu.Yds.

Total = 150902 Cu.Yds.

1938 Thaw = 135452 Cu.Yds

1939 " = 15450 " "

Total = 150902 " "

Stripping Writeoff - Granville Reserves

Line 37 - 4631 − 4542 = 89 ; 4722 − 4631 = 91 ; 90

130 × 16.26 / 27 × 100 = 7829 Cu.Yds

Line 38 - 6443 − 6275 = 168 ; 6616 − 6443 = 173 ; 170

168 × 16.26 / 27 × 100 = 10117 " "

Line 39 - 5888 − 5724 = 164 ; 6054 − 5888 = 166 ; 165

183 × 16.26 / 27 × 100 = 11021 " "

Line 40 - 6131 − 5930 = 201 ; 6331 − 6131 = 200 ; 201

139 × 16.26 / 27 × 100 = 8371 " "

Line 41 - 6107 − 6029 = 78 ; 6185 − 6107 = 77 ; 77

77 × 16.26 / 27 × 20 = 927 " "

Line 42 - 0

Total = 38265 " "

DREDGE No 6 — SEPTEMBER 1939.

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

DREDGE OPERATED = 30 DAYS
" DUG = 640 HRS 40 MINS. = 26.69 DAYS = 88.98 %
" LOST = 79 " 20 " = 3.31 " = 11.02 %

AVE HEIGHT OF BANK = 7.1 FEET
" DEPTH = 25.1
TOTAL " = 32.2

SURFACE — 3378 / 7684 / 694 ; 4058 / 3378 / 680 ; 4756 / 4058 / 698

656 x 18.07 = 12577 Sq Yds. = 113193 Sq Ft

BEDROCK — 5406 / 4742 / 664 ; 6066 / 5406 / 660

662 x 18.07 = 11962
2 | 24539
12269 Sq yds = Avg. Area = 110421

$\frac{12269 \times 32.2}{3} = 131687$ Cu. Yds.

$\frac{131687}{30} = 4390$ Cu Yds per day elapsed time.

$\frac{131687}{26.69} = 4934$ Cu. Yds - - digging time.

Pond Elev Oct 1 = 1634.4
Claims dredged = 269-2T - 270-2T BLD Dam
Surface Area = 2.60 Acres
Avg Width Cut = 500'
- length - = 225'

807594

THAWING WRITEOFF - LOWER SULPHUR RESERVES

BLOCK No 2 = REMAINDER = 82,723

BLOCK No 31 = $\frac{2101}{1809}\ \frac{3569}{3270}\ \frac{3865}{3569}\ \frac{2985}{2688}$ / $\frac{292}{}\ \frac{299}{}\ \frac{296}{}\ \frac{297}{}$ = 296 x 162.6 = $\frac{48130 \times 38}{27}$ = 67738 Cub Yds

1938 THAW = 85748 CUB YDS
1939 " = 64713 " "
150461 " "

STRIPPING WRITEOFF —

GRANVILLE —

LINE 39 $\frac{5288}{5249}\ \frac{5327}{5288}$ / $\frac{39}{}\ \frac{39}{}$ = 39 = 57 x 60.22 = 3433 CUB YDS

LINE 40 $\frac{5782}{5705}\ \frac{5857}{5782}\ \frac{5931}{5857}$ / $\frac{77}{}\ \frac{75}{}\ \frac{74}{}$ = 75 = 92.5 x 60.22 = 5570 CUB YDS

LINE 41 $\frac{6314}{6204}\ \frac{6424}{6314}$ / $\frac{110}{}\ \frac{110}{}$ = 110 = 94.5 x 60.22 = 5691 CUB YDS

LINE 42 $\frac{6542}{6462}\ \frac{6620}{6542}$ / $\frac{80}{}\ \frac{78}{}$ = 79 = 39.5 x 60.22 = 2379 CUB YDS

LINE 43 = 0 = 0

TOTAL = 17073 CUB YDS

LOWER SULPHUR -

LINE 0 = $\frac{3641}{3374}\ \frac{3905}{3641}$ / $\frac{267}{}\ \frac{264}{}$ = 266 = 198.5 x 60.22 = 11954 CUB YDS

LINE 1 x 42 $\frac{4193}{4063}\ \frac{4325}{4193}$ / $\frac{130}{}\ \frac{132}{}$ = 131 = 131 x $\frac{40 \times 16.26}{27}$ = $\frac{3154}{15108}$ " " +

Strip. Writeoff - Granville Reserves = 17073 Cu Yds.
Lower Sulphur = 15108 " "
Total = 32181 " "

DREDGE No 6 — OCTOBER 1939

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

DREDGE OPERATED = 31 DAYS
" DUG = 683 HRS. 10 MINS = 28.47 DAYS = 91.82%
" LOST = 60 " 50 " = 2.53 " = 8.18%

AVE HEIGHT OF BANK = 6.4 FEET
" DEPTH = 28.0 "
TOTAL " = 34.4 "

SURFACE = $\frac{6592}{5858}\ \frac{7305}{6582}\ \frac{8027}{7305}$ / $\frac{}{724}\ \frac{}{723}\ \frac{}{722}$ = 723 x 18.07 = 13064 Sq. yds.

BED ROCK = $\frac{8974}{8295}\ \frac{9657}{8974}\ \frac{0338}{9657}$ / $\frac{}{679}\ \frac{}{683}\ \frac{}{681}$ = 681 x 18.07 = 12306

25370
Avg. Area 12685

12685 x 34.4 / 3 = 145455 cu. yds Total.

145455 / 31 = 4692 cu. yds per day. elapsed time

145455 / 28.47 = 5109 cu. yds. per day. running time

POND ELEV = 1134.6
CLAIMS DREDGED = 370-3T BLD Dom-107-108 Rel Sulphur.
SURFACE AREA = 2.62 ACRES
AVE WIDTH OF CUT = 500 FT.
" LENGTH " " = 230 '.

13064
11796
12306
11074
11682
11416

THAWING WRITE OFF

BLOCK No 31 — $42 \times 162.6 \times \frac{38}{27} = 9611$ CUB YDS

1939 THAW = 9611 CUB. YDS.

STRIPPING WRITE OFF — LOWER SULPHUR

LINE 0 = 0

LINE 1 $\times 80'$ $\frac{6118}{6088}$ $\frac{6138}{6110}$ $\frac{}{30}$ $\frac{}{28}$ = 29 $14.5 \times 60.22 = 873$ CUB YDS

$\frac{29 \times 80 \times 16.26}{27} = 1399$ " "

LOWER SULPHUR STRIPPING = 2272 " "

DREDGE No 6 — NOVEMBER 1939

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

DREDGE No 6 CLOSED DOWN FOR SEASON ON NOV. 4th AT 10.30 A.M. (LOST TIME - 7 A.M)

DREDGE OPERATED = ~~4~~ 3 DAYS
" DUG = 79 HRS 25 MINS = 3.31 DAYS = 82.73%
" LOST = 16 " 35 " = 0.69 " = 17.27%

AVE HEIGHT OF BANK = 6.2
" DEPTH = 27.8
TOTAL DEPTH = 34.0

SURFACE - $\frac{1251}{1210}\ \frac{1287}{1241}\ \frac{1339}{1297}$ / $\frac{}{41}\ \frac{}{46}\ \frac{}{42}$ = 42 x 18.07 = 759 SQ YDS

BEDROCK - $\frac{1384}{1334}\ \frac{1433}{1384}$ / $\frac{}{50}\ \frac{}{49}$ = 50 x 18.07 = 904 " "

2 | 1663
AVE = 831 " "

$\frac{831 \times 34}{3}$ = 9418 CUB YDS.

$\frac{9418}{\sim\!4\ 3}$ = ~~2355~~ 3139 " " PER DAY ELAPSED TIME

$\frac{9418}{3.31}$ (2.48) = 2845 (3797) " " RUNNING TIME

Pond elev. = 1635.4'
Claims dredged. # 107 Sulphur
Surface Area. 0.16 Acres.
Avg. width of cut = 390 Feet
" length of cut = 25 "

NOTE - MAY OPERATING DAYS SHOULD HAVE BEEN 25 IN PLACE OF 26, WE NOW REDUCE NOV. OPERATING DAYS TO 3 TO MAKE TOTAL FOR SEASON CORRECT

LOST TIME SUMMARY CALCULATED CORRECTLY.

THAWING WRITEOFF.

Block # 31 $\frac{4423}{4355}{}^{68}$ $\frac{4564}{4495}{}^{69}$ $\frac{4634}{4565}{}^{69}$ = 69 x 162.6 = .11219 Sq. ft.

11219 x 37.6/27 = 15623 cu. yds.

STRIPPING WRITEOFF.

Line 1

Line 2 $\frac{7556}{7493}{}^{63}$ $\frac{7619}{7556}{}^{63.}$ = 63 x 55' x $\frac{162.6}{27}$ = 2087 cu. yds.

Line 3 63 x 15' x $\frac{162.6}{27}$ = 569. - -

Total. 2656. - -

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

DREDGE N° 6

APRIL 1940

Started Apr 26 - 6.14 pm.
Lost Time Summary - Apr 26 - 7:00 a.m. -
DREDGE operated 5 Days..

dug.	94 Hrs.	33 min.	= 3.94 days	= 78.79 %
lost.	25 "	27 "	= 1.06 "	= 21.21 %

Avg. Height of Bank - 6.2 Feet
Depth 28.6 "
Total - 34.8 "

SURFACE: $\frac{4423}{4355}\ \frac{4564}{4495}\ \frac{4634}{4565}$
$\frac{68}{}\ \frac{69}{}\ \frac{69}{}$ = 69 x 18.07 = 1247 Sq yds

BEDROCK: $\frac{4824}{4757}\ \frac{4889}{4824}\ \frac{4955}{4889}$
$\frac{67}{}\ \frac{65}{}\ \frac{66}{}$ = 66 x 18.07 = 1193 " "

2 (2440
Avg. Area 1220 " "

1220 x $\frac{11.6}{34.8}$ / 3 = 14152 " cu. yds. (10980)

$\frac{14152}{5}$ = 2830 " cu. yds per day elapsed time

$\frac{14152}{3.94}$ = 3592 " " " " " running time

Pond Elevation - 1638.5
Claims dredged - 107 Below Sulphur.
Surface Area - 0.26 Acres.
Avg Width of cut - 270 Ft.
" Length " " - 40 "

Factor = 167.6 = Sq. Ft.

Thawing Writeoff

Block 3 (31+32) Remainder = 134937 Cu Yds

4 6030 6170
5890 6030
140 140

140 × 167.6
= 22764 Sq. Ft.

$\frac{22764 \times 36.7}{27}$ = 30942

Total Writeoff = 165879

Stripping Writeoff

X Sec 0

Remainder = 3827 Cu Yds.

X 1

Remainder = 9949

X 2 4302 4506 205
4096 4302
206 204

151 × 60.22 = 9093

X 3 5283 5380 97
5186 5283
97 97

48 × 60.22 = 2890

X 4 0

Total Writeoff = 25757

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

Dredge No. 6 — May 1940

Dredge operated 31 days.
dug 691 hrs. 10 min = 28.80 days = 92.90 %
lost 72 - 50 = 22.0 = 7.10 %
Avg. Hgt. Bank = 5.3 Ft.
Depth = 29.3
Total = 34.6

Surface 4019 / 3240 / 779 ; 4799 / 4019 / 780 ; 780 x 18.07 = 14096 Sq. Yds.

Bedrock 5555 / 4808 / 747 ; 6298 / 5555 / 743 ; 745 x 18.07 = 13467

27557

Avg Area = 13778 Sq. Yds. (17400)

$\frac{13778 \times 34.5}{3} = 158447$ Cu. Yds.

$\frac{158447}{31} = 5111$ Cu Yds. per day elapsed time

$\frac{158447}{78.80} = 5502$ " " " running "

Pond Elev - 1638.4
Claims dredged - 107 + 108 Below Sulphur
Surface area - 2.91 Acres
Avg. Width cut - 510'
Length - - 240'

Thawing Write off

Block 4 - 5475 / 4697 / 778 | 6550 / 5475 / 775

776 x 162.6 = 126177 x 36.7 / 27 = 171507 Cu Yds.

Stripping Write off

2-3 - Remainder = 5486 Cu Yds.

3-4 - " = 10662 " "

X Sec 4 — 4409 / 4379 / 130 | 4452 / 4423 / 133 — 132

134 x 60.22 = 8069 " "

" 5 — 1867 / 1731 / 136 | 1354 / 1208 / 146 | 1400 / 1354 / 136 — 136

96 x 60.22 = 5781 " "

" 6 — 1578 / 1468 / 57 | 1480 / 1424 / 56 — 56

Total = 29998 " "

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

DREDGE N° 6

JUNE – 1940

DREDGE OPERATED 30 days

DREDGE DUG - 674 hrs 40 min = 28.11 days = 93.70%
" LOST - 45 hrs 20 min = 1.89 " = 6.30%

AVG HEIGHT OF BANK = 3.0 FT.
AV. DEPTH " " = 30.4 "
TOTAL DEPTH 33.4 "

SURFACE — 8401 / 7578 / 823 ; 9223 / 8401 / 822 ; 0046 / 9223 / 825 = 823 x 18.07 = 14,872 sq yds

BED ROCK — 0825 / 0026 / 799 ; 1618 / 0825 / 793 ; 2411 / 1618 / 793 = 795 x 18.07 = 14,366 sq yds
2 | 29,238
14,619 sq yds.

$14{,}619 \times \frac{33.4}{3} = 162{,}754$ cu yds. (131,371)

$\frac{162{,}754}{28.11} = 5790$ cu yds per day running time

$\frac{162{,}754}{30} = 5425$ cu yds " " elapsed time.

Pond Elev - 1641.0
Claims dredged - 106-107 Bol. Sulph.
Surface area - 307 Acres
Avg width cut - 500'
" length " - 760'

Thawing Write-off

Block 4 - Remainder = 18488 Cu Yds

Block ✓ - 7579 − 6960 = 619 ✓ ; 8198 − 7579 = 619 ✓ ; 619 × 162.6 = 100649 ✓ × 34 ✓ / 27 ✓ = 127743 ✓

Total = 145731 ✓ (1939 Thaw)

Stripping Write-off

4 - ✓ - Remainder = 5390 ✓ Cu Yds.

Xn ✓ - 6153 − 6029 = 124 ✓ ; 6277 − 6153 = 124 ✓ ; 124 ✓ ; 151 × 60.27 = 9153 ✓ ✓

Xn 6 - 4496 − 4314 = 182 ✓ ; 4477 − 4296 = 180 ✓ ; 180 ; 163 × 60.27 = 9816 ✓ ✓

Xn 7 - 4405 − 4260 = 145 ✓ ; 4552 − 4405 = 147 ✓ ; 146 ✓ ; 73 × 60.27 = 4396 ✓ ✓

Xn 8 - 0

Total = 28755 ✓ ✓

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

DREDGE #6.

JULY, 1940.

DREDGE OPERATED 31 DAYS.

" DUG 690 HRS. 35 Min = 28.77 DAYS = 92.82 %.
" LOST 53 " 25 " = 2.23 " = 7.18 %.

AVG HGT BANK = 1.5 FT.
" DEPTH = 31.5 " .
TOTAL DEPTH = 33.0 " .

Surface - 784 / 2008 / 776 . 3561 / 7764 / 777 — 777 x 18.07 = 14040 Sq Yds.

Bedrock - 798 / 5057 / 741 . 4437 / 5998 / 739 — 740 x 18.07 = 13372 / 27412 / 13706 Avg Area

(1 x 33√4)

13706 x 33.0 / 3. = 150766 Cu. Yds

TRUMP

150766 / 31 = 4863 Cu Yds per day elapsed time

150766 / 28.77 = 5240 " " " running "

Pond Elev 1641.8
Claims dredged - 106+107 Below Sulphur
Surface area - 2.90 acres.
Avg Width of cut - 570'
" length - - - 231'

14040 Sq. / 1x36 0

13706 Sq / 1x33 √4

1337 x 2 / 1x0348

Thawing Write off

Block 5 - Remainder = 74775 Cu Yds
(1939 - 24396 - 1940 - 50379)

- 6 - 2350 / 1918 / 43 and 2783 / 2350 / 433 — 433 × 162.6 = 70406 × 34 / 7 = 88579 Cu Yds
(1939 - 56311 - 1940 - 32348)

Total = 163434 Cu Yds

Stripping Write off

Xn
Remainder = 725 Cu Yds

Xn 6 = 10417 " "

Xn 7 = 14593 " "

Xn 8 — 2275 / 2027 / 248 and 2525 / 2278 / 247 — 248
222 × 60.22 = 13369 " "

Xn 9 — 9172 / 8973 / 199 and 9366 / 9172 / 194 — 196
163 × 60.22 = 9816 " "

Xn 10 — 6669 / 6541 / 128 and 6800 / 6669 / 131 — 130

Total = 49950 " "

24396 / 56311 / 80707 / 39

50379 / 32348 / 827 × 27 / 827 / 34

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

DREDGE N°6

August 1940

Dredge operated 31 days
- dug 682 hrs 50 min = 28.45 days = 91.78 %
- lost 61 - 10 - = 2.55 - = 8.22 %

Avg hgt / Bank = 2.3 ft
- Depth = 30.4 -
Total - = 32.7 -

Surface
$\frac{7191}{6286}$ $\frac{8094}{7191}$ $\frac{9994}{8094}$ = 903 × 18.07 = 16317 Sq yds
905 903 900

Bedrock
$\frac{1981}{1093}$ $\frac{2869}{1981}$ $\frac{4625}{3741}$ = 888 × 18.07 = 16028
888 888 884

2 | 32345
Avg Area = 16128

16,128 × $\frac{32.7}{3}$ = 175,795 Cu yds (145-1)

$\frac{175\,795}{31}$ = 5,671 Cu yds per day elapsed time

$\frac{175\,795}{28.45}$ = 6179 - - - - running time

GGF.

Pond Elev 1641.8
Claims dredged - 106 + 107 Below Sulphur.
Surface Area - 3.37 Acres.
Avg Width Cut - 500 Feet
- Length - 300 -

$\frac{16317}{9}$ = 1812-3 $\frac{160+8}{9}$ = 164+ $\frac{161+8}{9}$ = 145-1

Thaw Writeoff

Fill 1940 Thaw

Block 6 - Remainder 8075 Cuyds

Block 7 - 0759 / 4997 / 467 ; 0737 / 0759 / 473 ; 1202 / 0737 / 470

470 x 16.6 = 7642 x 335 / 27 = 94820

Total = 175095

Stripping Writeoff

8-9 - Remainder = 5090 Cuyds

9-10 - " = 8044

10-11 - All = 1387

Xn 11 — 1932 / 1787 / 145 ; 2078 / 1932 / 146 ; 445 ; 148 x 60.22 = 8912

Xn 12 — 8353 / 8203 / 150 ; 8505 / 8353 / 152 ; 151 ; 108 x 60.22 = 6504

Xn 13 — 7832 / 7768 / 64 ; 7896 / 7832 / 64 ; 64

Total = 4237

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

SEPTEMBER 1940

DREDGE Nº 6

DREDGE OPERATED: 30 Days.
dug 661 Hrs. 25 min = 27.56 days = 91.86 %
lost 58 " 35 " = 2.44 " = 8.14 %
Avg. Height of Bank 3.5 Feet.
Depth. 27.8
Total 31.3

SURFACE
7041 7982
6102 7041
939 941
= 940 x 18.07 = 16986 Sq. yds.

BEDROCK 0709 1601
9814 0709
895 892
= 894 x 18.07 = 16155
2 (33141
Avg. Area. 16571

16571 x 31.3/3 = 172 890 cu. yds. Total. (149139)

172890 / 30 = 5763 cu. yds per day elapsed time

172890 / 27.56 = 6273 cu. yds per day elapsed time

G.G.F.

Pond Elev - 164.0
Claims dredged - 105-106-107 Below Sulphur
Surface Area - 3.51 Acres
Avg Width cut - 470 Ft.
" Length " - 330 "

16982 / 15.874

16155 / 14539

16571 / 149139

THAWING WRITEOFF: —

31.6
30.4

Block # 7 Remainder

70893

# 8	7018 − 6626 = 392	7414 − 7019 = 396	7803 − 7414 = 389	392 × 162.6 = 63739	× 31.6/27 = 74598	cu yds
# 9	7855 − 7809 = 46	7897 − 7855 = 42	7942 − 7897 = 45	44 × 162.6 = 7154	× 30.4/27 = 8055	

All 1940 THAW. Total. 153546

STRIPPING WRITEOFF

Line #					
11	Remainder				= 5996 cu. yds.
12	Remainder				= 10870
13	7333 − 7115 = 218	7791 − 7576 = 215	9007 − 7791 = 216	= 216	
				205.5 × 60.22	= 12375
14	7137 − 6943 = 194	7332 − 7137 = 195		= 195	
				166 × 60.22	= 9997
15	7552 − 7413 = 139	7688 − 7552 = 136	7823 − 7688 = 135	= 137	
				68.5 × 60.22	= 4125
16		0	0		

Total: 43363 cu. yds.

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

DREDGE № 6

OCTOBER 1940

DREDGE operated 31 Days
dug. 681 Hrs. 50 min = 28.41 Days = 91.64 %
lost 62 " 10 " = 2.59 " = 8.36 %

Avg. Hgt of Bank = 3.8 Feet
" Depth = 26.2
Total " = 30.0

SURFACE

5210	6052	6899	7742
4372	5210	6052	6899
838	842	847	843

844 x 18.07 = 15251 Sq. yds

BEDROCK

9147	9968
8326	9147
821	821

821 x 18.07 = 14835 " "
2 | 30086
Avg. Area: 15043 " "

15043 x 30.0/3 = 150430 cu. yds. (135387)

150430 / 31 = 4853 cu yds per day elapsed time

150430 / 28.41 = 5295 cu. yds per day running time

Pond elev: : 1641.0'
Claims dredged: # 105 - 106. B.D on Sulphur Ck.
Surface Area : 3.15 Acres.
Length of cut (Avg) 300'
Width of cut " 435'

14835 / 133515

15043 / 135387

No Stripping or Thawing Write off for November

Dredge #6 November 1940

down for season Nov 2-3:15 pm.

Given 3000 Cu/d s. for November

Operated 1 day

THAWING WRITE-OFF

Unit 8 $\frac{3876}{3861}$ $\frac{3891}{3876}$ $= 15 \times 158.1 = 2372$ sq ft $\frac{31.6}{27} = 2776$ Cu Yds

Unit 9 $\frac{3957}{3895}$ $\frac{4020}{3957}$ $= 62 \times 158.1 = 9802$ sq ft $\frac{30.4}{27} = \underline{11036}$ Cu Yds

Total 13,812 Cu Yds

STRIPPING WRITE-OFF

X"-13 0 - 0

Balance . . Cu Yds = 3762 Cu Yds

X"-14 $\frac{5683}{5615}$ $\frac{5750}{5683}$ $= 77$

38.5 x 58.56 Cu Yds = $\underline{2254}$ Cu Yds

X"-15 0 - 0

Total 6016 Cu Yds

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

DREDGE N° 6.

APRIL - 1941.

Started April 22 - 5:45 pm.
Last Time April 22 - 7:00 a.m.

DREDGE OPERATED = 9 days.
" DUG = 127 hrs 10 mm = 5.30 days = 58.87 %
" LOST = 88 " 50 mm = 3.70 days = 41.13 %

AVG. HGT OF BANK = 0.3 ft.
AVG DEPTH = 28.4 "
TOTAL " 28.7 "

SURFACE: $\frac{7838}{7262}\ \frac{8487}{8410}\ \frac{9062}{8487}$ = 76 × 17.57 = 1335 Sq Yds
76 77 75

BEDROCK $\frac{6120}{8058}\ \frac{8185}{8120}\ \frac{8251}{8185}$ = 66 × 17.57 = 1159 Sq Yds
66 65 66

2 | 2494
Avg Area 1247 Sq Yds.

Total. 1247 × $\frac{28.7}{3}$ − 3000 Cu Yds = 11930 − 3000 Cu Yds
= 8930 Cu Yds.

$\frac{8930}{9}$ = 992 Cu Yds per day Elapsed Time.

$\frac{8930}{5.3}$ = 1685 Cu Yds per day Digging Time.

Note - 3000 yds deducted account same yardage given for November 1940

Pond Elev - 1645.7
Claims dredged - 10 Below Sulphur
Surface Area - 0.28 Acres
Avg Width Cut - 150 Ft.
" Length - - 50 "

THAWING WRITEOFF

UNIT # 8 — 5396 − 5369 = 27; 5423 − 5396 = 27 → = 27 × 158.1 = 4269 × 31.6/27 = 4996 cu. yds.

" # 9 — Remainder = 3621

" # 11 — 5828 − 5417 = 411; 6236 − 5828 = 408; 6648 − 6236 = 412 → = 410 × 158.1 = 64821 × 30.0/27 = 72023

Total 113,238

STRIPPING WRITEOFF.

X-Line # 14 — 0

15	5593 − 5410 = 183	5776 − 5593 = 183	= 183
16	5312 − 5082 = 230	5543 − 5312 = 231	= 231
17	4581 − 4344 = 237	4815 − 4581 = 234	= 235
18	3806 − 3630 = 176	3980 − 3806 = 174	= 175
19	(3/10 th of reading = 18.)		

92 × 58.56 = 5388 cu. yds.

207 × 58.56 = 12122

233 × 58.56 = 13644

205 × 58.56 = 12005

52 × 58.56 = 3045

Total 46204

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

DREDGE No 6

MAY 1941

DREDGE OPERATED 31 Days
DUG 646 Hrs. 20 min. = 26.93 Days = 86.87 %
LOST 97 " 40 " = 4.07 " = 13.13 %

Avg. Height of Bank 0.9 Feet
" Depth 28.4
Total " 29.3 "

SURFACE
5174	5822	6873
4529	5174	5822
645	648	651

= 648 × 17.57 = 11385 Sq. yds.

BEDROCK
7050	7651	8250
6455	7050	7651
595	601	599

= 598 × 17.57 = 10507 " "
2 | 21892
Avg. Area 10946 " "

10946 × 29.3/3 = 106906 cu. yds Total.

106906 / 31 = 3449 cu. yds per day elapsed time

106906 / 26.93 = 3970 " " " " running time

Pond Elevation - 164.2
Claims dredged - 104 + 104 Sulphur + Hillcox Sulphur.
Surface Area = 2.35 Acres.
Avg Width Cut = ~40 Ft.
" Length " = 410 "

Thawing Write off

Block 11- 4583 − 4428 = 155 (4739 − 4183 = 556) 156 × 158.1 = 24664 × 30/27 = 27404

Block 13 - 5273 − 4734 = 539 (5813 − 5273 = 540) 540 × 158.1 = 85374 × 28.7/27 = 90749

Block 15- 5961 − 5738 = 223 (6113 − 5961 = 152) (6465 − 6113 = 352) 152 × 158.1 = 24031 × 28.3/27 = 25188

Total Write off = 143341

STRIPPING WRITE OFF

X"- 18	4717 − 4547 = 170	4889 − 4717 = 172	171	203.5 × 58.56 = 11,917
X"- 19	4162 − 3925 = 237	4629 − 4394 = 235	236	239.5 × " = 14,025
X"- 20	9224 − 8980 = 244	9465 − 9224 = 241	243	(251 × 0.8 ground BLA"17) 201.0 × 58.56 = 11,771
Enter in Inventory - X"23-24				
X"- 24	1237 − 0979 = 258	1497 − 1237 = 260	259	242.5 × 58.56 = 14,201
X"- 25	0984 − 0757 = 227	1209 − 0984 = 225	226	193.0 × " = 11,302
X"- 26	9928 − 9768 = 160	0088 − 9928 = 160	160	80.0 × " = 4,685
X" 27			0	

Total 67,901 Cu Yds

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

Dredge No 6 — June 1941

Dredge operated 30 days
- dug 660 hrs. 45 min = 27.53 days = 91.77 %
- lost 59 - 15 - = 2.47 - = 8.23 %
Avg Hgt. Bank = 2.3 Ft -
- Depth = 26.6 - -
Total - = 28.9 - -

Surface — 8376 / 7466 / 910 ; 9287 / 8376 / 911 ; 0000 / 9287 / 913
911 x 17.57 = 16006 Sq Yds

Bedrock — 1915 / 1053 / 862 ; 2780 / 1915 / 865 ; 4512 / 3649 / 863
863 x 17.57 = 15163 - -
2 | 31149
Avg Area = 15584 - -

15584 x 28.9 / 3 = 150176 Cu. Yds.

150176 / 30 = 5004 Cu. Yds. per day elapsed time

150176 / 27.53 = 5453 - - - - running -

Pond Elev - 1649.7
Claims dredged - Cr Cls 103 + 104 Hill Cls 103 + 104 B. Sulph
Surface Area - 3.31 Acres.
Avg. Width Cut - 280 Ft
- Length - - 530 -

Sur 16006 / 4 = 14052
BR 15163 / 4 = 13467
Avg 4 15584 / 4 = 14052

156-1

Thawing Writeoff

Block 15 - 8573 − 7877 = 376 ; 8625 − 8573 = 37

374 × 158.1 = 59129 × 28.3/27 = 61976 Cu Yds.

Block 16 1941 - 8976 − 8615 = 361 ; 9335 − 8976 = 359

360 × 158.1 = 56916 × 26.6/27 = 1941 Thaw 56073 . .

Total Writeoff 118049 . .

Stripping Writeoff

x Sec 26 - 0

89.5 × 58.56 = 5241 Cu Yds.

x - 27 - 8604 − 8425 = 179 ; 8783 − 8604 = 179 ; 179

187 × 58.56 = 10951 -

x - 28 - 9418 − 9223 = 195 ; 9814 − 9618 = 196 ; 195

191 × 58.56 = 11185 -

x - 29 - 9551 − 9362 = 189 ; 9740 − 9551 = 189 ; 189

183 × 58.56 = 10716 -

x - 30 - 0346 − 0167 = 179 ; 0526 − 0346 = 180 ; 179

136.5 × 58.56 = 7993 -

x - 31 - 1373 − 1281 = 92 ; 1469 − 1373 = 96 ; 94

Total Writeoff 46086 .

1" = 100'
V. at 54
Fac = 17.57
= Sq Yds

Dredge No 6 — July 1941

Dredge operated 31 days.
- Dug 603 hrs av min = 25.13 days = 81.06 %
- lost 140 " " = 5.87 " = 18.94 %

Avg Hgt Bank = 2.9 Ft.
" Depth = 25.2
Total " = 28.1

Surface Area

3686 4462 2737
2905 3686 4462
779 774 770

774 x 17.57 = 13599 Sq Yds

Bedrock Area

5937 6664 7401
5205 5937 6664
732 737 737

732 x 17.57 = 12861
2 | 26460

Avg Area = 13230

$13230 \times \frac{28.1}{3} = 123921$ Cu. Yds.

$\frac{123921}{31} = 3997$ Cu. Yds. per day elapsed time.

$\frac{123921}{25.13} = 4931$ " " — — running ".

alyB

Pond Elev. 1652.8
Claims dredged 101-102-103 Below Euph.
Surface Area 2.81 Acres.
Avg Width Cut 260'
" Length - 1450'

13599 / 9 = 1511
12864 / 9 = 1429
13230 / 5 = 11907.0

THAWING WRITE-OFF

BLOCK #16 - $\frac{9664}{9472}\ \frac{9858}{9664}$ / 192 / 194 = 193 x 158.1 = 30,513 Sq ft $X^{26.6}/_{27}$ = 30,061 Cu Yds

BLOCK #17 - $\frac{0607}{0066}\ \frac{1144}{0607}$ / 541 / 537 = 539 x 158.1 = 85216 Sq ft $X^{26.9}/_{27}$ = 82,060 Cu Yds

BLOCK #18 - $\frac{1347}{1260}\ \frac{1434}{1347}$ / 87 / 87 = 87 x 158.1 = 13755 Sq ft $X^{26.9}/_{27}$ = 13,246 Cu Yds

Total. 125,367 Cu Yds

1941 thaw

STRIPPING WRITE-OFF

X-30 - 0

X-31 - $\frac{9108}{8991}\ \frac{9225}{9108}$ / 117 / 117 = 117

58.5 x 58.56 = 3,426 Cu Yds.

X-32 - $\frac{9640}{9429}\ \frac{9855}{9640}$ / 216 / 215 = 215

166.0 x " = 9,721 " "

X-33 - $\frac{9486}{9258}\ \frac{9713}{9486}$ / 228 / 227 = 228

221.5 x " = 12,971 " "

X-34 - $\frac{9090}{8844}\ \frac{9336}{9090}$ / 246 / 246 = 246

237.0 x " = 13,879 " "

X-35 - $\frac{9352}{9114}\ \frac{9591}{9352}$ / 238 / 239 = 238

242.0 x " = 14,172 " "

X-36 - 0

119.0 x " = 6,969 " "

TOTAL. 61,138 " "

1" = 100'
Vernier @ 34.0
Fac. 17.57 = Sq Yds.

DREDGE No 6. AUGUST. 1941.

DREDGE OPERATED 31 days.
" DUG = 565 hrs. 55 min. = 23.58 days. = 76.06%
" LOST = 178 hrs. 05 min. = 7.42 " = 23.94%
AVG. MAT. OF BANK = 3.2 ft.
" DEPTH = 23.7 "
TOTAL DEPTH = 26.9 ".

SURFACE: ~~3719~~ 4567 5420
~~2855~~ 3719 4567
~~864~~ 853 853
= 853 x 17.57 Sq Yds. = 14987 Sq Yds

BEDROCK: 6205 6997 7809
5414 6205 6997
791 792 803
= 792 x 17.57 Sq Yds. = 13915 Sq Yds
2 | 28902
AVG AREA 14451

14451 x 26.9/3 = 129,577 Cu Yds. (TOTAL)

129,577 / 31 = 4180 Cu Yds Per Day. Elapsed Time.

129,577 / ~~23.92~~ 23.58 = ~~5413~~ 5495 Cu Yds Per Day. Digging Time.

Pond Elev - 1655.
Claims dredged - 100 & 101 Below Sulphur.
Surface area - 3.10 Acres.
Avg Width of Cut - 250 Ft
" Length " - 500 "

14987 / 9 = 13 483
13915 / 9 = 1546
11440 / 9 = 1271.

Thawing Writeoff

Block 18 - 6674 / 6336 / 338 ; 7018 / 6674 / 344 ; 7358 / 7018 / 340

341 x 158.1 = 53912 x 26.0/27 = 51915 Cu. Yds.

" 19 - 6413 / 6081 / 332 ; 6746 / 6413 / 333

333 x 158.1 = 52647 x 25.5/27 = 49722 " "

" 20 - 7473 / 7098 / 375 ; 7848 / 7473 / 375

375 x 158.1 = 59287 x 24.5/27 = 53797 " "

" 21 - 7784 / 7655 / 69 ; 7795 / 7724 / 71

70 x 158.1 = 11067 x 24.5/27 = 10042 " "

Total 165476 " "

All 1941 Thaw

STRIPPING WRITE-OFF

X^n 35 = 0

" 36 4597 / 4349 / 248 ; 4849 / 4597 / 252 = 250

" 37 4114 / 3869 / 245 ; 4353 / 4114 / 239 ; 4593 / 4353 / 240 = 240

" 38 3833 / 3561 / 272 ; 4103 / 3833 / 270 = 271

" 39 3051 / 2834 / 217 ; 3270 / 3051 / 219 = 218

" 40 2722 / 2515 / 207 ; 2927 / 2722 / 205 = 206

" 41 2715 / 2538 / 177 ; 2893 / 2715 / 178 = 178

" 42 2166 / 1978 / 188 ; 2351 / 2166 / 185 = 186

" 43 2347 / 2165 / 181 ; 2529 / 2347 / 182 = 182

" 44 8527 / 8326 / 201 ; 8730 / 8527 / 203 = 202

" 45 = 0.

117.5 x 58.56 = 7320 Cu. Yds.

245 x " = 14347 " "

255.5 x " = 14962 " "

244.5 x " = 14318 " "

212 x " = 12415 " "

192 x " = 11243 " "

182 x " = 10658 " "

184 x " = 10775 " "

192 x " = 11243 " "

101 x " = 5915 " "

Total = 113196 " "

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

DREDGE No. 6. SEPTEMBER 1941.

DREDGE OPERATED = 30 days.
" DUG = 631 hrs. 00 min. = 26.29 days = 87.64 %
" LOST = 89 " 00 " = 3.71 days = 12.36 %

AVG HGT OF BANK = 3.8 Ft.
" DEPTH = 20.7 "
TOTAL DEPTH = 24.5 "

SURFACE: $\frac{3316}{2148}\ \frac{4488}{3316}\ \frac{5658}{4488}$ / $1168\ \ 1172\ \ 1170$ = 1170 x 17.57 = 20,557 Sq Yds

BEDROCK $\frac{9566}{8493}\ \frac{1710}{0635}$ / $1073\ \ 1075$ = 1074 x 17.57 = 18,870 Sq Yds

2 | 39427

AVG AREA 19,713 Sq Yds

$19,713 \times \frac{24.5}{3} = 160,990$ Cu Yds.

$\frac{160990}{30} = 5366$ Cu Yds Per Day Elapsed Time

$\frac{160990}{26.29} = 6124$ " " " " Digging Time.

Pond Elev - 1661.2
Claims dredged - 97-98-99-100 Bel Sulph
Surface Area - 4.25 Acres.
Avg. Width Cut - 180 Ft.
" Length " - 1000 '

20557 18870 19713
9 9 9
185013 169830 177417

THAWING WRITEOFF

UNIT #	18	4330 / 4251 / 79	4410 / 4330 / 80	80 X 158.1	= 12648 X 26.0/27	= 12180 Cu. yds.
"	19	4699 / 4389 / 310	5008 / 4699 / 309	310 X 158.1	= 49011 X 25.5/27	= 46288 " "
"	20	6491 / 6220 / 271	6760 / 6491 / 269	270 X 158.1	= ~~42687~~ ~~41106~~ X 24.5/27	= ~~38734~~ 37300 " "
"	21	6941 / 6752 / 189	7129 / 6941 / 188	189 X 158.1	= 29880 X 24.5/27	= 27113 " "
				TOTAL.		~~124815~~ ~~122881~~ " "

All 1941 Thaw.

STRIPPING WRITEOFF

X 36			0	110 X 58.56	= 6442 Cu. Yds.
X 37	5404 / 5185 / 219	5625 / 5404 / 221	= 220	181 X 58.56	= 10599 "
X 38	6105 / 5963 / 142	6247 / 6105 / 142	= 142	142 X 58.56	= 8316 "
X 39	5292 / 5150 / 142	5433 / 5292 / 141	= 142	134 X 58.56	= 7847 "
X 40	3133 / 3008 / 125	3260 / 3133 / 127	= 126	115 X 58.56	= 6734 "
X 41	2064 / 1960 / 104	2168 / 2064 / 104	= 104	119 X 58.56	= 6969 "
X 42	9365 / 9230 / 135	9499 / 9365 / 134	= 134	132.5 X 58.56	= 7759 "
X 43	8978 / 8847 / 131	9109 / 8978 / 131	= 131	143 X 58.56	= 8374 "
X 44	7946 / 7792 / 154	8102 / 7946 / 156	= 155	155 X 58.56	= 9077 "
X 45	7252 / 7096 / 156	7096 / 6941 / 155	= 155		
				TOTAL.	72117 " "

134
131
265
133

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

DREDGE No 6 — OCTOBER 1941

DREDGE OPERATED 31 DAYS.
" DUG 654 Hrs. = 27.25 Days = 87.90 %
" LOST 90 " = 3.75 " = 12.10 %

AVG HEIGHT of BANK. = 1.5 Feet
" DEPTH. 21.4 "
TOTAL " 22.9 "

SURFACE
8064 − 7218 = 846
8917 − 8064 = 853
9775 − 8917 = 858
0633 − 9775 = 858
858 × 17.57 = 15075 Yds²

BEDROCK
1437 − 0606 = 831
2268 − 1437 = 831
831 × 17.57 = 14601

2 (29676)
Avg. Area: 14838

14838 × 22.9 / 3 = 113263 Cu. yds. TOTAL.

113263 / 31 = 3654 Cu. yds. per day Elapsed Time

113263 / 27.25 = 4156 " " " " Running Time

Pond Elev - 1476.8
Claims dredged - 97-98-99 Bel Sulph
Surface Area - 3.17 Acres.
Avg Width Cut - 140 Ft.
" Length. - 970 '

15075 / 9 = 1675
14601 / 9 = 1622.3
14838 / 9 = 1648.7

Thawing Writeoff

Block 18 - $27 \times 158.1 = 4269$ Sq. Ft $\times \frac{76.0}{27} = 4111$ Cu. Yds. ✓

1941 Thaw

Stripping Writeoff

Between 36-37 = 2000 Cu. Yds. ✓

17.57 = 59. Yds

Dredge No 6 - November 1941
Dredge shut down Nov 2 - 4:00 pm.
Lost Time Summary - Nov 2 - 7:00 a.m.

Dredge operated 1 day
- dug 20 hrs. 35 min = 0.86 days = 85.76 %.
- lost 3 - 25 - = 0.14 - = 14.24 %
Avg Hgt. Bank = 1.0 Ft
- Depth = 21.0 -
- Total - = 22.0 -

$\frac{9975}{9946}$ $\frac{9999}{9975}$ $\frac{}{24}$ $27 \times 17.57 = 474$ Sq Yds

$\frac{158}{474} \times \frac{22.0}{3} = 3476$ Cu. Yds.

$\frac{3476}{0.86} = 4042$ Cu Yds per day running time

GGF

Claims dredged 99 Below Sulph
Surface Area 0.10 Acres
Avg Width Cut 175'
- Length 20'

4840/4740

$\frac{474}{9}$

4766

THAWING WRITE OFF — FACTOR 158.1

UNIT 17 = $\frac{5056}{4623}$ / $\frac{5495}{5056}$ = 433 / 439 = 436 × 158.1 = 68932 × $\frac{26.0}{27}$ = 66379 Cu Yds

UNIT 18 = $\frac{6447}{6114}$ / $\frac{6779}{6447}$ = 333 / 332 = 333 × 158.1 = 52647 × $\frac{26.0}{27}$ = 50697 Cu Yds

TOTAL WRITE OFF = 117,076 Cu. Yds

STRIPPING WRITE OFF

X 31 = ___ / ___ = 0

X 32 = $\frac{8092}{7901}$ / $\frac{8284}{8092}$ = 191 / 192 = 192

96 × 58.56 = 5622 Cu. Yds

X 33 = $\frac{8936}{8739}$ / $\frac{9133}{8936}$ = 197 / 197 = 197

194 × 58.56 = 11361 ✓ ✓

X 34 = $\frac{9291}{9057}$ / $\frac{9527}{9291}$ = 234 / 236 = 235

216 × 58.56 = 12649 ✓ ✓

X-35 = $\frac{0107}{9876}$ / $\frac{0336}{0107}$ = 231 / 229 = 230

233 × 58.56 = 13644 ✓ ✓

X-36 = $\frac{0869}{0655}$ / $\frac{1083}{0869}$ = 214 / 214 = 214

222 × 58.56 = 13000 ✓ ✓

X-37 = — / — = 0

107 × 58.56 = 6266 ✓ ✓

TOTAL WRITE OFF = 62542 Cu Yds

MAY 1942

Scale 1" = 100 Ft.
Fac. 17.57
- Sq. yds.

DREDGE Nº 6

Started operating May 1st - 11.20 A.M.
Last time summary starts May 1st - 7:00 A.M.

Dredge operated 31 Days -
dug. 636 Hrs. 05 min. = 26.50 days = 85.50% -
lost 107 " 55 " = 4.50 " = 14.50% -

Avg. Height of Bank: 1.4 Feet -
Depth : 21.9 " -
Total " : 23.3 " -

Surface $\frac{9346}{8573}\ \frac{0114}{9346}\ \frac{0878}{0114}\ \frac{1648}{0878}$ = 769 x 17.57 = 13511 Sq Yds
773 768 764 770

Bedrock $\frac{2409}{1641}\ \frac{3171}{2409}\ \frac{3924}{3171}\ \frac{4688}{3924}$ = 765 x 17.57 = 13441 Sq Yds
768 762 753 764

2) 26952

AVE AREA = 13476 Sq Yds

$13476 \times \frac{23.3}{3} = 104664$ Total Cu. Yds.

$\frac{104664}{31} = 3376$ Cu. Yds Per Day Elapsed Time

$\frac{104664}{26.50} = 3949$ " " " " " Digging "

POND ELEV = 1651.2'
CLAIMS DREDGED = 99 - 100 - 101 B. D - SULPHUR
SURFACE AREA = 2.79 ACRES
AV WIDTH OF CUT = 230 FT
" LENGTH " " = 540 "

J.C.C.

Note:

Nº 6 Reached line of 100-101 MAY 25th 8:00 A.M.

13511 / 9 = 1501.99
13441 / 9 = 1493.44
13472 / 9 = 1496.89

THAWING WRITE OFF

UNIT 14 = 3446 − 3246 = 200 ; 3640 − 3446 = 194 ; = 198 × 158.1 × 27.5/27 = 31.880 Cu. Yds

15 = 3805 − 3610 = 195 ; 4005 − 3805 = 200 ; = 198 × 158.1 × 28.3/27 = 32808

16 = 4707 − 4206 = 501 ; 5204 − 4707 = 497 ; = 499 × 158.1 × 26.6/27 = 77716

17 = 5213 − 5180 = 33 ; 5254 − 5213 = 41 ; = 37 × 158.1 × 26.0/27 = 5633

TOTAL WRITE OFF = 148037 Cu. Yds

STRIPPING WRITE OFF

X-25 = 0

= 86 × 58.56 = 5036 Cu. Yds

X-26 = 4683 − 4510 = 173 ; 4856 − 4683 = 173 ; = 173

= 169 × 58.56 = 9897

X-27 = 5316 − 5150 = 166 ; 5480 − 5316 = 164 ; = 165

= 163 × 58.56 = 9545

X-28 = 5974 − 5814 = 160 ; 6137 − 5974 = 163 ; = 161

= 165 × 58.56 = 9662

X-29 = 6766 − 6596 = 170 ; 6933 − 6766 = 167 ; = 169

= 175 × 58.56 = 10248

X-30 = 7342 − 7160 = 182 ; 7524 − 7342 = 182 ; = 182

= 180 × 58.56 = 10541

X-31 = 8154 − 7976 = 178 ; 8330 − 8154 = 176 ; = 177

= 89 × 58.56 = 5212

X-32 = 0

TOTAL WRITE OFF = 60141 Cu. Yds

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

DREDGE Nº 6

JUNE 1942

Dredge operated 30 Days
dug 666 Hrs 55 min. = 27.79 Days = 92.63%
lost 53 - 05 - = 2.21 - = 7.37%

Avg. Height of Bank = 1.6 Feet
Depth = 23.6
Total = 25.2

Surface: 8744 / 7809 / 935 ; 9682 / 8744 / 938 ; 0619 / 9682 / 937 = 937 x 17.57 = 16463 SQ YDS

Bedrock: 1629 / 0686 / 943 ; 2577 / 1629 / 948 ; 3525 / 2577 / 948 = 948 x 17.57 = 16656 SQ YDS

2 | 33119

AVE AREA = 16560 SQ YDS

$16560 \times \frac{8.4}{3} \times \frac{25.2}{3} = 139104$ TOTAL CU. YDS.

$\frac{139104}{30} = 4637$ CU YDS PER DAY ELAPSED TIME

$\frac{139104}{27.79} = 5006$ DIGGING TIME

POND ELEVATION = 1647.2
CLAIMS DREDGED = 101-102&103 B.D. SULPHUR
SURFACE AREA = 3.4 ACRES
AV WIDTH OF CUT = 240'
LENGTH = 630'

16463 × 9 = 148167
16656 × 9 = 149904
16560 × 9 = 149040

Thawing Writeoff

Unit #	10	6576 / 6313 / 263 ; 6840 / 6576 / 264	=	264 × 158.1 × 29.6/27	= 45753 Cu Yds
-	11	Remainder	=		20833
-	12	6223 / 5981 / 242 ; 6467 / 6223 / 244	=	243 × 158.1 × 28.2/27	= 40122
-	13	Remainder			36622
-	14	6531 / 6470 / 61 ; 6594 / 6531 / 63		62 × 158.1 × 27.5/27	= 9983
-	15	Remainder			= 5619
		TOTAL WRITE OFF			= 158932 Cu Yds

Stripping Writeoff

X-Line #	16		= 0	= 54 × 58.56	= 3162 Cu Yds
X-Line #	17	9771 / 9661 / 110 ; 9878 / 9771 / 107	= 108	= 121 × 58.56	= 7086
-	18	6636 / 6502 / 134 ; 6770 / 6636 / 134	= 134	= 135 × 58.56	= 7906
-	19	6240 / 6104 / 136 ; 6376 / 6240 / 136	= 136	= 137 × 58.56	= 8023
-	20	7209 / 7070 / 138 ; 7345 / 7208 / 137	= 138		
X-Line #	22 = 0		= 0	= 108 × 58.56	= 6324
-	23	6062 / 5844 / 218 ; 6275 / 6062 / 213 ; 6490 / 6275 / 215	= 216	191 × 58.56	= 11185
-	24	5785 / 5620 / 165 ; 5951 / 5785 / 166	= 166	= 166 × 58.56	= 9721
-	25	6190 / 6024 / 166 ; 6356 / 6190 / 166	= 166	83 × 58.56	= 4860
-	26 = 0		= 0		
		TOTAL WRITE OFF			= 58267

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

DREDGE N° 6 — JULY 1942

DREDGE OPERATED 31 DAYS
DUG 682 HRS - 10 MINS = 28.42 DAYS = 91.69 %
LOST 61 - 50 = 2.58 = 8.31 %
AVE HEIGHT OF BANK = 2.0 FT.
DEPTH = 24.8
TOTAL = 26.8

SURFACE — $\frac{4460}{3531}\ \frac{5383}{4460}\ \frac{6305}{5383}$ / $949\ \ 923\ \ 922$ = 923 × 17.57 = 16217 SQ YDS

BEDROCK — $\frac{7202}{6276}\ \frac{8123}{7202}\ \frac{9043}{8123}$ / $926\ \ 921\ \ 920$ = 921 × 17.57 = 16182

2 | 32399

AVE AREA = 16199 SQ YDS.

$\frac{16199}{1} \times \frac{26.8}{3}$ = 144711 TOTAL CU. YDS

$\frac{144711}{31}$ = 4668 CU. YDS PER DAY ELAPSED TIME

$\frac{144711}{28.42}$ = 5.092 " " " " DIGGING "

POND ELEV. = 1643.9
CLAIMS DREDGED = 103-104-107 Below Sulphur
SURFACE AREA = 3.35 ACRES
AV WIDTH OF CUT = 210 FT.
" LENGTH " " = 660 "

$\frac{16217}{9}$ = 145953 $\quad \frac{16182}{9}$ = 145638 $\quad \frac{16199}{9}$ = 145791

THAWING WRITEOFF

UNIT # 8 Remainder = 18370 Cu Yds

" 10 = 67467

" 12 4485 − 4202 = 283 ; 4769 − 4485 = 284

= 284 × 158.1 × 28.2/27 = 46892 Cu Yds

13779 Cu Yds

STRIPPING WRITEOFF

X-Line # 14 Remainder = 687

15 = 6490

16 = 8279

17 = 9546

18 = 9499

19 = 10504

20 = 3301

22 = 9935

23

60741 Cu. Yds

SCALE - 1" = 100'
FACTOR = 17.57 = SQ YDS
VERNIER AT 3A

DREDGE N°6

AUGUST 1942

DREDGE OPERATED 31 DAYS
DUG 670 HRS - 15 MINS = 27.93 DAYS = 90.09 %
LOST 73 " - 45 " = 3.07 " = 9.91 %

AVE HEIGHT OF BANK = 3.2 FT.
" DEPTH = 23.7
TOTAL DEPTH = 26.9

SURFACE — 1391 / 0568 / 823 ; 2215 / 1391 / 824 = 824 X 17.57 = 14478 SQ.YDS.

BEDROCK — 3036 / 2187 / 849 ; 3888 / 3036 / 852 = 851 X - = 14952 " "

2 | 29430
AVE AREA = 14715 SQ YDS

14905 / 14715 X 26.9 / 3 = 131945 CU. YDS.

131945 / 31 = 4256 CU. YDS PER DAY ELAPSED TIME

131945 / 27.93 = 4724 " " " " DIGGING "

POND ELEVATION = 1644.1
CLAIMS DREDGED = 103 - 104 - 105 B. D. SULPHUR
SURFACE AREA = 2.99 ACRES
AVE WIDTH OF CUT = 190 FT.
" LENGTH " " = 690 "

14478 / 9 = 13030"
14952 / 9 = 13456
14715 / 9 = 13243

THAWING WRITEOFF

UNIT #12 Remainder = 22844 Cu Yds

" #14 " = 79192 " "

" #22 $\frac{9180}{8958}$ / $\frac{9404}{9180}$ / $223 \times 158.1 \times \frac{26}{27} = 34081$ = 34081 " "

WRITE OFF = 136117 " "

STRIPPING WRITEOFF

X-Line #23 Remainder = 8640 Cu. Yds

" 24 Do. = 11671 " "

" 25 Do. = 11502 " "

" 26 Do. = 10621 " "

" 27 Do. = 10397 " "

" 28

WRITE OFF = ~~52829~~ 52831 Cu Yds.

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

DREDGE № 6

SEPTEMBER 1942

DREDGE OPERATED 30 Days

DUG : 645 Hrs. 55 min. = 26.91 Days = 89.71 %
LOST : 74 " 05 " = 3.09 " = 10.29 %

AVG. HEIGHT of BANK : 5.1 Feet
DEPTH : 20.3 "
TOTAL " : 25.4 "

SURFACE $\frac{7487}{6618}\ \frac{8354}{7487}$ $\frac{869}{}\ \frac{867}{}$ = 868 x 17.57 = 15251 Sq. yds.

BEDROCK $\frac{9253}{8382}\ \frac{0126}{9253}$ $\frac{871}{}\ \frac{873}{}$ = 872 x 17.57 = 15321

2 (30572)

AVG. AREA 15286

15286 X 25.4/3 = 129421 cu. yds. Total.

$\frac{129421}{30}$ = 4314 cu. yds per day elapsed time

$\frac{129421}{26.91}$ = 4809 " " " " running time.

POND ELEVATION = 1646.6
CLAIMS DREDGED = 102 & 103 BELOW SULPHUR
SURFACE AREA = 3.15 ACRES
AVE WIDTH OF CUT = 250
" LENGTH " " = 550

$\frac{15251}{9}$ = 137259

$\frac{15321}{9}$ = 137889

$\frac{15286}{9}$ = 137574

THAWING WRITEOFF

UNIT 16 = REMAINDER = 4705 CU. YDS

17 = REMAINDER = 13611

18 = $\frac{5899}{5895}{}_{4}$ $\frac{5903}{5899}{}_{4}$ = 4 × 158.1 × 26.0/27 = 609

22 = REMAINDER = = 85057

23 = $\frac{6578}{6273}{}_{305}$ $\frac{6882}{6578}{}_{304}$ = 305 × 158.1 × 25.0/27 = 44649

TOTAL WRITEOFF = 148631 CU. YDS.

STRIPPING WRITE OFF

X-LINE 28 - REMAINDER = 11194 CU. YDS.

29 - = 11944

30 - = 12695

31 - = 16722

32 - = 15561

33 - ½ REMAINDER = 8504

34 - WRITE OFF = 76620

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

DREDGE N° 6 — OCTOBER 1942

DREDGE OPERATED 31 DAYS
DUG = 668 HRS 25 MINS = 27.85 DAYS = 89.84%
LOST = 75 35 = 3.15 = 10.16%

AVE HEIGHT OF BANK = 3.9 FT
DEPTH = 19.4
TOTAL = 23.3

SURFACE — 1269 / 0260 / 1009 ; 2278 / 1269 / 1009 = 1009 × 17.57 = 17728 SQ. YDS

BEDROCK — 3324 / 2328 / 996 ; 5319 / 4325 / 994 = 995 × 17.57 = 17482

2 | 35210

AV. AREA = 17605 SQ. YDS

$17605 \times \frac{23.3}{3} = 136732$ TOTAL CU. YDS

$\frac{136732}{31} = 4411$ CU. YDS PER DAY ELAPSED TIME

$\frac{136732}{27.85} = 4910$ DIGGING

POND ELEVATION = 1653.2'
CLAIMS DREDGED = 100 - 101 & 102 B.D. SULPHUR
SURFACE AREA = 3.66 ACRES
AV. WIDTH OF CUT = 280 FT
LENGTH = 550 FT.

17728 / 9 = 1969 HRS
17482 / 9 = 1942 HRS
17605 / 9 = 1956 HRS

THAWING WRITEOFF

UNIT # 18 $\frac{5230}{5224}\ \frac{5237}{5230}$ $= \frac{6}{} \times 158.1 \times 26.0/27 = 913$ CU. YDS.

" 23 $\frac{5280}{5210}\ \frac{5349}{5280}$ $= \frac{70}{69} \times 158.1 \times 25.0/27 = 10247$

TOTAL 11,160

STRIPPING WRITEOFF

X-Line # 33 0

$= 55 \times 58.56 = 3221$ CU YDS.

34 $\frac{5111}{5001}\ \frac{5224}{5111}\ \frac{5334}{5224}$ $= \frac{110}{110}\ \frac{}{113}\ \frac{}{110}$

$= 28 \times 58.56 = 1640$

35 1/4 of 34

TOTAL 4861

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

DREDGE No 6

NOVEMBER 1942

Shut down for season Nov. 5 - 7:30 A.M.

DREDGE OPERATED 4 DAYS - For Lost Time - Nov. 5 - 7:00 A.M.

DUG 83 hrs 10 min = 3.47 days = 86.63 %

LOST 12 - 50 ' = 0.53 ' = 13.37 %

AVG. HEIGHT of BANK : 3.8 Feet

DEPTH : 18.5 -

TOTAL - : 22.0 -

SURFACE : $\frac{1462}{1388}{74'}$ $\frac{1439}{1462}{77'}$ 76 × 17.57 = 1335 Sq. Yds

BEDROCK : $\frac{1617}{1536}{81'}$ $\frac{1699}{1617}{82'}$ 81 × 17.57 = 1423 ' -

2 | 1758 '

Avg. Area = 1379 ' '

$\frac{1379 \times 22.0}{3} = 10113$ Cu. Yds

$\frac{10113}{4} = 2528$ Cu. Yds. per day elapsed Time.

$\frac{10113}{3.47} = 2914$ ' ' ' - running Time.

Pond Elevation = 1653 '
Claims dredged - 100 Below Sulphur
Surface Area - 0.28 '
Avg Width cut - 280 Ft. '
" Length " - 40 " "

$\frac{1335}{9}$ $\frac{1423}{9}$ $\frac{1379}{9}$

12015 12807 12411

Thawing Writeoff

Block 18 - Remainder = 7682 Cu Yds.

✓ 23 - ✓ = 56487 ✓

✓ 19 - 6310 / 6304 = 6 ; 6317 / 6310 = 7 ; $\frac{7 \times 17.57 \times 8.5}{3}$ = 1045 ✓
(25.5)

✓ 24 - 6303 / 6255 = 48 ; 6351 / 6303 = 48 ; $\frac{48 \times 17.57 \times 10.1}{3}$ = 8518 ✓
(30.3)

Total = 73732 ✓

Stripping Writeoff

X2 33-34 - Remainder = 2283 Cu Yds.

✓ 34-35 - ✓ = 15858 ✓

✓ 35-36 - ✓ = 16885 ✓

✓ 36-37 - 1/2 ✓ = 8040 ✓

Total 46066 ✓

Dredge No 6 May 1948

Started operating May 5 - 9:00 AM
Lost Time May 5 - 8:00 AM

Dredge operated 27 days
" dug 584 hrs. 50 min = 24.37 days = 90.25 %
" lost 63 - 10 - = 263 " = 9.75 %

Avg Hgt. Bank = 2.1 Ft.
" Depth = 22.8 "
Total " = 24.9 "

Surface 2024 / 1503 / 521 — 2541 / 2024 / 517

519 × 17.57 = 9119 Sq. Yds.

Bedrock 3086 / 2566 / 520 — 3599 / 3086 / 513 — 4120 / 3598 / 522

521 × 17.57 = 9154
" 18273
Avg Area = 9137

$$\frac{9137 \times 24.9}{3} \times 8.3 = 75837 \text{ Cu. Yds.}$$

$$\frac{75837}{27} = 2809 \text{ Cu. Yds. per day elapsed Time}$$

$$\frac{75837}{24.37} = 3112 \text{ " " running "}$$

Pond Elev - 1657.4
Claims dredged - 99-100 Below Sulphur
Surface Area - 1.88 Acres
Avg. width cut - 290 Ft.
" Length " - 285 "

9119 / 9 = 82071
9154 / 9 = 82386
9137 / 9 = 82233

Thawing Writeoff

Block 19 - Remainder = 13717 Cu. Yds.

Block 20 - $\frac{9566}{9524}$ $\frac{9604}{9566}$ $\frac{40 \times 17.57 \times 24.5}{3}$ = 57340

Block 24.3 - $\frac{0470}{9810}$ $\frac{1123}{0470}$ $\frac{456 \times 17.57 \times 10.3}{3}$ = 116440

Total = 135897

Stripping Writeoff

36-37 - Remainder = 8039 Cu Yds.

37-38 - = 19632

38-39 - = 17651

39-40 - = 16382

40-41 - = 8378

Total = 69982

Dredge № 6 June 1948

Dredge operated 30 days
dug 670 hrs 55 min = 27.95 days = 93.18 %
lost 49 : 05 - = 2.05 - = 6.82 %
Avg Net Bank = 3.0 Ft.
Depth = 21.3
Total = 24.3

Surface - 671 / 48 84 / 837 — 6491 / 671 / 820 — 7317 / 6491 / 8276

823 × 17.57 = 14466 Sq. Yds.

Bedrock 8167 / 7332 / 835 — 8992 / 8167 / 825

830 × 17.57 = 14583

2 | 29043

Avg. Area = 14522

$$\frac{145\,22 \times 24.3}{3} \quad (8.1) = 11768 \text{ Cu. Yds.}$$

$\frac{11768}{30}$ = 3921 Cu. Yds. per day elapsed time

$\frac{11768}{87.95}$ = 4209 - running -

Pond Elev. - 1653.9
Claims dredged - 98-99 Below Sulphur
Surface Area - 2.99 Acres.
Avg. Width Cut - 300 Ft.
Length. - 400

$\frac{14466}{9}$ = 130140

$\frac{14583}{9}$ = 131247

$\frac{14522}{9}$ = 130698

Thawing Write off

Block 20 - Remainder = 5299 cu. yds.

Block 21 (24.5) - $\frac{5580}{5534}$ / $\frac{5627}{5580}$ = $47 \times \frac{17.57}{3} \times 24.5$ = 6746

Block 24 - Remainder = 9170 cu. yds.

Block 25 - = 90406 cu.yds.

Block 26 (26.8) - $\frac{5334}{5290}$ / $\frac{5380}{5334}$ = $\frac{15}{3} \times 17.57 \times 26.8$ = 7075

Block 29 (23.9) - $\frac{4934}{4900}$ / $\frac{4968}{4934}$ = $34 \times \frac{17.57}{3} \times 23.9$ = 4756

Total: 123,452 cu. yds

Stripping Write off

x° 40-41 = Remainder = 8278 cu. yds

41-42 = = 17422

42-43 = = 18081

43-44 = = 18713

44-45 = 3/4 = 19204

Total: 80698 cu. yds.

Dredge No. 6 — July 1948

Dredge operated 31 days.
" dug 597 hrs. 55 min = 24.91 days = 80.37%
" lost 146 hrs 05 min = 6.09 days = 19.63%
Avg Hgt. Bank. = 3.4 Ft.
" Depth = 19.0 " .
Total = 22.4 ".

SURFACE: 2857 / 1978 / 879 ; 3740 / 2857 / 883

881 x 17.57 = ~~15303~~ 15479 Sq Yds.

BEDROCK: 4596 / 3718 / 878 ; ~~5467 / 4536 / 866~~ ; 6344 / 5462 / 882

880 x 17.57 = 15462 Sq. Yds.

~~3076~~
Avg Area = ~~15383~~ 30941
15471

~~15383~~ x 22.4 / 3 = ~~114860~~ 115517 cu. Yds.

~~114860~~ / 31 = ~~3705~~ 3726 cu. Yds. per day Elapsed Time.

~~114860~~ / 24.91 = ~~4611~~ 4637 " " " " Running Time.

Pond Elev. - 1653.0
Claims Dredged - 97-98 Below Sulphur.
Surface Area - 3.20 Acres.
Avg. Width Cut - 300
" Length " - 450

15479 / 9 = 139311
15462 / 9 = 139158
15471 / 9 = 139239

Thawing Write off

Block 26 — 639 − 386 = 253 / 891 − 639 = 252 : 253 × 1757 × 26.8 / 3 = 39711 cu yds

×6.8

27 — 1010 − 891 = 119 / 1131 − 1010 = 121 : 120 × 1757 × 8.8 / 3 = 18554

×6.4

29 — 4514 − 3865 = 649 / 5160 − 4514 = 646 : 648 × 1757 × 23.9 / 3 = 90703

×3.9 ×16

Total 148968

Stripping Write off

×1 44 - 45	= 1/3 Remainder		= 2023 cu yds
45 - 46	= 1/2		= 18984
46 - 47	= 3/5		= 23091
47 - 48	= 3/5		= 23541
48 - 49	= 3/5		= 23610
49 - 50	= 1/4		= 9191

Total 100440

Dredge N° 6

August 1948

Dredge operated 31 days.

Dug 680 hrs 25 min = 28.35 days = 91.45%

Lost 63 hrs 35 min. = 2.65 days = 8.55%

Avg Hgt. Bank = 3.4 Ft.

Depth = 20.4

Total = 23.8

Surface = 6183 / 5103 / 1080 — 7270 / 6183 / 1087

1084 × 17.57 = ~~18473~~ 19046 Sq yds.

Bedrock = 8788 / 7242 / 1046 — 10350 / 9312 / 1038

1042 × 17.57 = 18308 Sq yds

37354

Avg Area 18677 Sq yds.

18677 / ~~18361~~ × 23.8 / 3 = ~~145666~~ 148171 cu yds

148171 / ~~145666~~ = ~~4699~~ 4780 cu yds per day elapsed Time

148171 / ~~145666~~ / 3835 = ~~5158~~ 5126 " " " " running "

Pond Elev = 1656

Claims Dredged = 96-97 Below Sulphar.

Surface Area = ~~3.94~~ Acres.

Avg Width cut = 360'

Length " = 470'

19046 / ~~18473~~ / 9 / ~~165914~~ / 171414

18308 / 9 / 164772

18677 / ~~18361~~ / 9 / ~~165249~~ / 168093

Thawing Writeoff

Block	#27 (26.4)	6649 / 6432 / 217	6861 / 6649 / 212	$214 \times 17.57 \times \frac{8.8}{3}$	= 33088 cu. yds.
–	#28 (26.7)	7191 / 7075 / 116	7308 / 7191 / 117	$39 \times 17.57 \times \frac{26.7}{3}$	= 18298 cu. yds.
–	#29	Remainder			= 2595 cu. yds.
–	#30 (25.6)	7355 / 6806 / 549	7903 / 7355 / 548	$\frac{183}{549} \times 17.57 \times \frac{25.6}{3}$	= 82304 cu. yds.
–	#31 (25.8)	8645 / 8497 / 148	8794 / 8645 / 149	$149 \times 17.57 \times \frac{8.6}{3}$	= 22515 cu. yds.
				Total	= 158800 cu. yds.

Stripping Writeoff

X⁰	49 - 50 = 2/5	Remainder	= 11025	cu. yds.
X¹	50 - 51 = 3/3	–	= 22222	–
X¹	51 - 52 = 3/3	–	= 20797	–
X¹	52 - 53 = 3/3	–	= 20454	–
X¹	53 - 54 = 2/5	–	= 12935	–
			Total 87433	–

Dredge Nº 6 Sept./48

Dredge operated 30 days
dug 665 hrs. 40 min. = 27.74 days = 92.45 %
lost 54 " 20 " = 2.26 " = 7.55 %
Avg. Hgt. Bank = 1.6 Ft.
" Depth = 23.7 "
Total " = 25.3 "

Surface $\frac{6932}{5830}\ \frac{8033}{6932}$ $\frac{1102}{1101}$ 1102 × 17.57 = 19362 sq. yds.

Bedrock $\frac{9092}{8031}\ \frac{0153}{9092}$ $\frac{1061}{1061}$ 1061 × 17.57 = 18642 sq. yds.

2 | 38004

Avg. Area 19002 sq. yds.

$\frac{6334}{19002 \times 25.3}{3}$ = 160250 cu. yds.

$\frac{160250}{30}$ = 5342 cu. yds. per day elapsed time

$\frac{160250}{27.74}$ = 5777 cu. yds. per day running time

Pond Elev. = 1664.5
Claims Dredged. = 95-96 Below Sulphur
Surface Area = 4.00 Acres
Avg. Width Cut = 400'
" Length " = 450'

19362 × 9 = 174258

18642 × 9 = 167778

19002 × 9 = 171018

Thawing Write off

Block 30 ✓ Remainder = 19157 ✓ cu.yds.

31 (25.8)	6467 − 6366 = 101	6566 − 6467 = 99	100 × 17.57 × 8.6 / 2	= 15100 ✓	✓
32 ✓ Remainder				= 71688 ✓	✓
33 (24.7) ✓	6827 − 6566 = 261	7083 − 6827 = 256	86 × 17.57 × 24.7 / 2	= 37322 ✓	✓
34 (20.5) ✓	7224 − 6917 = 307	6917 − 6610 = 307	307 × 17.57 × 20.5 / 3	= 36859 ✓	✓
35 (23.5) ✓	6613 − 6610 = 3	6617 − 6613 = 4	4 × 17.57 × 23.5 / 3	= 548 ✓	✓
				Total = 180674 ✓	✓

Stripping Write off

X² 53 - 54 ✓ ½ Remainder		= 9701 ✓	cu.yds.
54 - 55 ✓ ⅔	✓	= 23588 ✓	✓
55 - 56 ✓ ⅔	✓	= 24338 ✓	✓
56 - 57 ✓ ½	✓	= 19054 ✓	✓
57 - 58 ✓ ½	✓	= 19994 ✓	✓
58 - 59 ✓ ⅓	✓	= 13868 ✓	✓
59 - 60 ✓ ¼	✓	= 10722 ✓	
		121265 ✓	

Dredge No 6 Oct./48

Dredge operated 31 days
" dug 689 hrs. 05 min. = 28.71 days = 92.62 %
" lost 54 " 55 " = 2.29 " = 7.38 %
Avg. Hgt. Bank = 1.5 Ft.
" Depth = 21.9 "
Total " = 23.4 "

Surface $\frac{7767\ \ 9168}{6371\ \ 7767}$ $\frac{}{1396\ \ 1401}$ 1399 X 17.57 = 24580 sq. yds.

Bedrock $\frac{9510\ \ 1857}{9164\ \ 0576}$ $\frac{}{1346\ \ 1347}$ 1347 X 17.57 = 23667

248247

Avg. Area = 24124

$$\frac{24124 \times 23.4}{3} = \frac{24124 \times 7.8}{1} = 188167 \text{ cu. yds.}$$

$\frac{188167}{31}$ = 6070 cu. yds. per day elapsed time

$\frac{188167}{28.71}$ = 6554 cu. yds per day running time

Pond Elev. = 1666.6
Claims Dredged = 94-95 Below Sulphur
Surface Area = 5.08 Acres.
Avg. Width Cut = 325 Ft.
Avg Length Cut = 580 Ft.

24580	23667	24124
9	9	9
221220	213003	217116

Thawing Write off

Block 34 — 20.5 — 7023 / 6692 / 331 — 7358 / 7023 / 335 — $333 \times 17.57 \times \frac{20.5}{3} = 39981$ cu yds

36 — 19.5 — 7659 / 2358 / 301 — 7961 / 7659 / 302 — $302 \times 17.57 \times \frac{19.5}{3} = 34490$

Total 74471

Stripping Write off

x^2 59-60	=	1/10	Remainder	= 3217 cu yds
60-61	=	1/4	"	= 11629 "
61-62	=	1/4	"	= 13191 "
62-63	=	1/5	"	= 11507 "
63-64	=	1/10	"	= 6092 "
			Total	45636

Dredge N° 6 Nov - 48

Shutdown Nov 19 - 9:20 A.M.

Dredge operated 18 days: For Lost Time Nov 19 - 8:00 AM. 18 days

dug 373 hrs 45 min = 15.66 days = 86.98%

lost 56 " 15 " = 2.34 " = 13.02%

Avg Hgt Bank 2.5 Ft.

" Depth 17.4 "

Total 19.9 "

Surface 9260 / 5620 / 640 — 8890 / 6260 / 630 — 7530 / 6890 / 640

640 x 17.57 = 11245 Sq. Yds.

Bedrock 8748 / 7543 / 605 — 8748 / 8148 / 595 — 9348 / 8743 / 605

605 x 17.57 = 10630

21875

Avg Area 10938

3646

10938 x 19.9 / 3 = 72555 cu. yds.

72555 / 18 = 4031 cu yds per day elapsed Time

72555 / 15.66 = 4633 " " " " running

Pond Elev - 1666

Claims Dredged - 93A-94 Below Sulphur

Surface Area - 2.32 Acres

Avg. Width cut - 255

" Length " - 370'

11245 / 9 / 101205

10630 / 9 / 95670

10938 / 9 / 98442

Thawing Write-off

Block 36 - 19.5 — 2557 − 2137 = 420; 2373 − 2257 = 116

$$118 \times 17.57 \times \frac{6.5}{3} \times 19.5 = 13476 \text{ Cu.Yds.}$$

Stripping Write-off

X-sec 63-64	- 1/8 Remainder	=	6854 Cu.Yds.
64-65	- 1/4 -	=	6681 -
65-66	- 1/5 -	=	14689 -
66-67	- 1/5 -	=	15981 -
67-68	- 1/5 -	=	16278 -
		Total =	70483 -

Dredge No 6 May 1949

Started May 1 - 8 A.M.
Started digging ice Apr 28.

Dredge operated 31 days
- dug 681/2 hrs. or min = 28.42 days = 91.68 %
- lost 61 - 55 - = 2.58 - = 8.32 %
Avg Hgt. Bank = 2.6 Ft.
- Depth = 17.1 -
Total - = 19.7 -

Surface 4575 − 3780 = 795 ; 5370 − 4575 = 795 ; 795 × 17.57 = 13336 Sq. Yds.

Bedrock 4145 − 3394 = 751 ; 4899 − 4145 = 754 ; 753 × 17.57 = 13230 ✓
→ 26566

Avg. Area = 13283 ✓

$\frac{13283 \times 19.7}{3} = 87442$ Cu Yds.

$\frac{87442}{31} = 2820$ Cu. Yds. per day elapsed time

$\frac{87442}{28.42} = 3069$ - - - running ✓

Pond Elev. - 1674.2
Claims dredged - 93.93A Below Sulphur.
Surface Area - 2.76 Acres
Avg. Width cut - 280 Ft.
- Length - = 430 -

13336 / 9 = 1200 24 ; 13230 / 9 = 1190 70 ; 13283 / 9 = 1195 47

Thawing Write off

Block # 38 - 3/3 Remainder = 6993 Cu. Yds.

Stripping Write off

X-Sec	65-66 - 1/10	Remainder	= 87	Cu. Yds.
	66-67 - 1/2		= 3196	
	67-68 - 1/2		= 3555	
	68-69 - 1/2		= 4093	
		Total	11058	

Dredge #6 June 1949

Dredge operated 30 days
- Dug 632 hrs. 10 min = 26.34 days = 87.80 %
- Lost 87 - 50 - = 3.66 - = 12.20 %
Avg. Hgt Bank = 2.4 Ft
- Depth = 18.2 -
Total - = 20.6 -

Surface $\frac{2287}{1180}\ \frac{3398}{2287}$ $\quad$ $\frac{}{1107}\ \frac{}{1111}$ $\quad$ 1109 X 17.57 = 19485 Sq. Yds.

Bedrock $\frac{4440}{3372}\ \frac{5497}{4440}$ $\quad$ $\frac{}{1068}\ \frac{}{1057}$ $\quad$ 1163 X 17.57 = 20433

39918

Avg Area = 19959

20433
19959 X 20.6 / 3 = 137051 Cu Yds

137051 / 30 = 4568 Cu Yds. per day elapsed time.

137051 / 26.34 = 5203 - - running -

Pond Elev. - 1279.2
Claims dredged - 93-93A Sulph.
Surface Area - 4.03 Acres
Avg Width - 225 Ft.
- Length - 650 -

19485 / 9 = 175345

20433 / 9 = 183897

19959 / 9 = 179631

Thawing Writeoff

Block № 39 (24.5) / 5646 − 5077 = 569 / 6216 − 5646 = 570 / 190 × 17.57 × 24.5 / 3 = 81795 cu. yds

40 (24.6) / 7303 − 7100 = 203 / 7500 − 7303 = 197 / 200 × 17.57 × 8.2 / 3 = 28800

Total = 110595

Stripping Writeoff

X^ms 65-66-¼ Remainder = 13220 cu. yds.
66-67-⅔ " = 21308
67-68-⅔ " = 21704
68-69-⅔ " = 26794
Total = 83026

Dredge No 6 July-49

Dredge operated 31 days (28 days for depth)
dug 596 hrs. 10 min. = 24.84 days = 80.13 %
lost 147 " .50 " = 6.16 " = 19.87 %
Avg. Hgt. Bank = 1.9 Ft.
Depth = 22.0
Total = 23.9

Surface $\frac{2438}{1521}\ \frac{3350}{2438}$ $\frac{}{917}\ \frac{}{912}$ $915 \times 17.57 = 16076$ Sq. yds.

Bedrock $\frac{4217}{3338}\ \frac{5088}{4217}$ $\frac{}{879}\ \frac{}{871}$ $875 \times 17.57 = \frac{15374}{31450}$

Avg. Area = 15725

$\frac{15725 \times 23.9}{3} = 125276$ Cu Yds.

$\frac{125276}{31} = 4041$ Cu Yds per day elapsed time

$\frac{125276}{24.84} = 5043$ " " running.

Pond Elev. : 1680.3.
Claims dredged : 93-93A Sulphur
Surface Area = 3.32 Acres
Avg. Width Cut = 315 Ft.
Length = 430

$\frac{16076}{9}$ $\frac{15374}{9}$ $\frac{15725}{9}$

144684 138366 141525

Thaw Write-off

Block 40 - Remainder = 10333 Cu Yds.

39 - (44.5) 5567 5307 / 5817 5526 / 85 5555 × 17.57 × 24.5 / 3 = 3650 - Total = 13973 ✓

Stripping Write-off

X-sect 63-64 - 1/2 Remainder = 7996 Cu Yds.
64-65 - 1/2 ✓ = 2502 ✓
65-66 - 1/2 ✓ = 1983 ✓
66-67 - Remainder = 1065 -
67-68 - ✓ = 1085 ✓
68-69 - ✓ = 1339 ✓
Total = 8775 ✓

Dredge Nº 6 Aug. 1949

Dredge operated 31 days
dug 683 hrs. 50 min. = 28.49 days = 91.91 %
lost 60 . 10 = 2.51 = 8.09 %
Avg Hgt Bank = 1.8 Ft.
Depth = 23.4
Total = 25.2

Surface 2467 3559 / 1377 2467 / 1090 1092 — 1091 x 17.57 = 19169 Sq. Yds.

Bedrock 4605 5670 / 3547 4605 / 1058 1065 — 1062 x 17.57 = 18659 / 3785 / Avg. Area = 18914

18914 x 8.4 / 3 = 158878 Cu. Yds.

158878 / 31 = 5128 Cu. Yds. per day elapsed time

158878 / 28.49 = 5577 running

Pond Elev. 1678.0
Claims Dredged = 93-93A Sulphur
Surface Area = 3.96 Acres.
Avg. Width Cut = 230
Length = 790

19169 / 9 = 172521
18659 / 9 = 167931
18914 / 9 = 170226

Thawing Writeoff

Block N° 36 (19.5) — 5046 − 4715 = 331; 5378 − 5046 = 332

$$\frac{332 \times 17.57 \times 16.5}{3} = 37914 \text{ cu. yds.}$$

N° 37 (23.6) — 5517 − 5378 = 139; 5654 − 5517 = 137

$$\frac{138 \times 17.57 \times 23.6}{3} = 19069$$

N° 38 — Remainder = 3496

N° 39 — Remainder = 1811

Total = 110060

Stripping Writeoff

X 123 61-62	1/3	Remainder = 3044 cu. yds.
62-63	1/3	= 1534
63-64	1/2	= 19990
64-65		= 2502
65-66		= 19830
		Total = 83298

Dredge Nº 6 Sept. 1949

Dredge operated 30 days
dug 658 hrs. 10 min. = 27.42 days. = 91.41 %
lost 61 . 50 . = 2.58 = 8.59 %
Avg. Hgt Bank = 1.5 Ft.
Depth = 19.5
Total = 21.0

Surface 2522 3587 / 1461 2522 / 1061 1065 1063 x 17.57 = 18677 sq. yds.

Bedrock 4697 5780 / 3612 4697 / 1085 1083 1084 x 17.57 = 19045

2 | 37722

Avg Area = 18861

$$\frac{18861 \times 7.0}{3} = 132027 \text{ Cu. Yds.}$$

$\frac{132027}{30} = 4400$ Cu. Yds. per day elapsed time

$\frac{132027}{27.4} = 4815$ running

Pond Elev : 1674.6
Claims Dredged : 93A-94 Sulphur
Surface Area : 3.86 Acres
Avg. Width Cut : 215 Ft.
Length : 800

18677	19045	18861
9	9	9
168093	171405	169749

Thawing Writeoff

Block N° 37 (23.6)

$$\frac{885 \times 17.5 \times 23.6}{3} = 12,319 \text{ Cu. Yds.}$$

Stripping Writeoff

X-sec 61-62-1/2	Remainder	=	18,144 Cu. Yds. ✓
62-63-	✓	=	30684 ✓
63-64-	✓	=	19990 ✓
		Total	= 68938 ✓

Dredge No 6 Oct. 1949

Dredge operated 31 days
dug 684 hrs. 25 min = 28.52 days = 91.99 %
lost 59 " 35 " = 2.46 " = 8.01 %
Avg. Hgt. Bank = 2.8 Ft.
" Depth = 21.1 "
Total " = 23.9 "

Surface $\frac{2393}{1508}$ $\frac{3278}{2393}$ $\frac{}{885}$ $\frac{}{885}$ 885 × 17.57 = 15549 Sq. Yds.

Bedrock $\frac{4135}{3263}$ $\frac{5006}{4135}$ $\frac{}{872}$ $\frac{}{871}$ 872 × 17.57 = 15321

30870

Avg. Area = 15435

$\frac{15435 \times 23.9}{3}$ = 122966 Cu. Yds.

$\frac{122966}{31}$ = 3967 Cu. Yds. per day elapsed time

$\frac{122966}{285}$ = 431 " " running "

Pond Elev. = 1677.0
Claims Dredged = 93A-94 Sulphur
Surface Area = 3.21 Acres
Avg Width Cut = 230 Ft.
" Length " = 600 "

$\frac{15549}{9}$ $\frac{15321}{9}$ $\frac{15435}{9}$

139941 137889 138915

Thawing Writeoff

Block No 35 (23.5)	4703	4925	
	4483	4703	
	220	222	$\frac{221 \times 17.57 \times 23.5}{3} = 30417$ cu. yds.
No 37 (23.6)	5108	5288	
	4925	5108	
	183	180	$\frac{182 \times 17.57 \times 23.6}{3} = 25156$
			Total = 55573

Stripping Writeoff

X-11 61-62-½	Remainder	= 18x64 cu. yds
60-61-½		= 17443
59-60-¼		= 7x38
		Total = 42945

Dredge N°6 November 1949

Shut down Nov. 25 - 8:00 AM

Dredge operated 24 days
- dug 500 hrs 30 min = 20.85 days = 86.89 %
- lost 75 " 30 " = 3.15 " = 13.11 %
Avg. Hgt. Bank = 1.1 Ft.
- Depth = 23.2 "
Total " = 24.3 "

Surface

2381	2965
1800	2381
581	584

583 X 17.57 = 10243 sq. yds.

Bedrock

3538	4113
2965	3538
573	575

574 X 17.57 = 10085

2 | 20328

Avg. Area = 10164

$$\frac{10164 \times 24.3^{8.1}}{3} = 82328 \text{ cu. yds.}$$

$$\frac{82328}{24} = 3430 \text{ cu. yds. per day elapsed time}$$

$$\frac{82328}{20.85} = 3949 \text{ " " " running "}$$

Pond Elev. = 1675.8
Claims Dredged = 93A-94 Sulphur
Surface Area = 2.12 Acres.
Avg Width Cut = 200 Ft.
" Length " = 480 "

10243	10085	10164
9	9	9
92187	90765	91476

Thawing Waterfall

Block 34 (20.5)	0310 0190 120	0422 0310 112	116 × 17.77 × 20.5 / 3	=	13920 Cu.Yds.
Block 35 (23.5)	1608 1376 232	1838 1608 230	231 × 17.77 × 23.5 / 3	=	31801
Block 36 - Remainder				=	6979
- 37 - Remainder				=	7058
			Total	=	59758

Stripping Waterfall

x² 61-62 - Remainder		=	0
x² 60-61 -		=	17443 Cu.Yds.
x² 59-60 - 1/3		=	7237
	Total	=	24680

Dredge No: 6 May 1950

Started May 10 - 3:00 PM

Dredge operated 22 days
- dug 462 hrs. 25 min = 19.27 days = 87.58 %
- lost 6 - 35 - = 2.73 - = 12.42 %
Avg. Ht Bank = 1.5 ft
- Depth = 21.3 -
Total - = 22.8 -

Surface 9430 − 8967 = 463 ; 9887 − 9430 = 457 ; 460 × 17.57 ; 8082 sq. yds.

Bedrock 10343 − 9868 = 475 ; 10814 − 10343 = 473 ; 474 . 17.57 ; 8328 " "

16410

Av. Area = 8205 " "

$8205 \times \frac{7.6}{3} \times 22.8$ = 62358 cu. yds

$\frac{62358}{22}$ = 2834 cu yd per operating day

$\frac{62358}{19.27}$ = 3236 - - running time

Pond Elev. - 1673.8
Claims dredged - 94 Sulphur
Surface Area - 1.71 Acres
Avg width cut - 220 Ft.
- Length - 320 -

$\frac{8082}{9}$ $\frac{8328}{9}$ $\frac{8205}{9}$

72738 74952 73845

Thawing Kriteoff

Block 32 - Remainder	=	7317 C.Yds.
" 34 - "	=	4743 "
" 33 - 1/2 "	=	42850 "
	Total =	121768 "

Stripping Kriteoff

X2 56-57 - 1/2 Remainder	=	9527 C.Yds
57-58 - Remainder	=	19994 "
58-59 - "	=	27736 "
59-60 - "	=	14477 "
	Total =	71731 "

Dredge #6

June 1950

Dredge Operated 30 days
" dug 619 hrs 05 min = 25.80 " = 85.98 %
" lost 100 " 55 " 4.20 14.02 %

Av. Hgt of Bank 2.7'
" Depth 20.6'
Total " 23.3'

Surface: 6163 / 5356 807 6974 / 6163 811. 809 x 17.57 = 14214 sq. yds

Bed Rock 7864 / 7015 / 849 8720 / 7864 / 856 = 852 x 17.57 = 14970 " "

29184

Average 14592 " "

7864 / 14592 x 23.3 / 5 = 113,331 a yds

113,331 / 30 = 3778.7 a yd ft Elapsed Day

113,331 / 25.80 = 4393.8 " " Running Day

Pond El. 1672.9
Claims Dr. 94-95 Bel Sulph.
Surface Area = 2.94 Acres.
Av. Width of Cut = 305 ft
Av Length " " = 420 "

14214 / 9 = 127926

14970 / 9 = 134730

14592 / 9 = 131328

Thaw Write-off

Block 35 - Remainder = 0.0 Cu Yds

- 33 - = 42850
- 31 - = 45220

Total = 88070

Stripping Write-off

X2 √6-√7 - Remainder = 9√6 Cu Yds.

- √6-√5 = 12169
- √5-√4 = 10308
- √4-√3 = 9701
- √3-√2 = 10227

Total = √1931

Dredge No 6 July 1950

Dredge operated 31 days
- dug 674 hrs 20 min = 28.10 days = 90.64%
- lost 69 " 40 " = 2.90 " = 9.36%

Avg Hgt Bank = 2.4 Ft.
" Depth = 22.7 "
Total " = 25.1 "

Surface 1578 / 707 / 871 — 2446 / 1578 / 868 — 869.5 ; Area = 17.57 × 869.5 = 15,277. sq. yd

Bed rock 3241 / 2397 / 844 / 846 — 4087 / 3241 / 846 — 845 ; Area = 17.57 × 845 = 14847 " "

30,124
15062 " "

Average 15062 × 25.1 / 3

126019 cu yd.

126019 / 31 = 4065.1 cu yd / Elapsed Day

126019 / 28.10 = 4484.7 " " / Running Day

Black Figures are correct

Pond El. 1671.7

Claims Dredged 94-95-96 Bel Salph.
Surface Area = 3.16 Acres
Av. Width of Cut = 270 ft.
" Length " " = 510 ft

137493 133623 27116

Thaw write off

Block 27 –	Ramainder ✓	=	75550
28 –		=	21811
	Total		97361

Stripping write off

XDS	52-51	Ramainder	=	10399
	51-50	✓	=	11111
	50-49	✓	=	16547
	49-48	✓	=	15741
	48-47	✓	=	15693
		Total		69491

Dredge # 6 Aug. 1950.

Dredge operated	31 days.		
" dug	679 hrs 20. min -	28.31 days =	91.3%
" lost	64 40 "	2 69	8.69%

Av. ht of Bank	1.0
" Depth	25.1
Total.	26.1

Surface 6110 7068
5158 6110
952 958

955 × 17.57 = 16780 sq. yd.

Bedrock 7993 8936
7046 7993
947 943

945
945 × 17.57 = 16604 " "

Av. 16692

5564 8.7
16692 × 26.1/3 = 145220 cu yd.

145220/31 = 4684.5 cu yd. Elapsed day

145220/28.31 = 5130.4 " / Running day.

Pond El. 1665.4

Claims Dradged 96-97

Surface Area = 3.47 Acres
Av. Width = 311
" Length = 485

151020
14913 6
300456

149436

150228

Thaw write off

Block 21 — Remainder = 12425

26 — ✓ = 627751

69 — ✓ = 265242

68 — $\frac{6285}{6195}$ $\frac{6375}{6285}$ $\frac{}{90}$ $\frac{}{90}$ $90 \times \frac{17.57}{3} \times 24.5$ = 12911

Total 114629

Stripping write off

47 — 46	Remainder	15391
46 — 45	✓	20279
45 — 44	✓	6525
44 — 43	✓	3500
43 — 42	✓	4111
42 — 41	✓	4389
41 — 40	✓	4778
	Total	58973

Dredge # 6 Sept 1950

Dredge Operated 30 days
Dredge Dug. 661 hrs 55 min. 27.6 days = 91.93%
Dredge Lost. 58 hrs 05 " 2.1 " = 8.07%

Av. ht of Bank 1.9'
" Depth 24.9'
Total. 26.8'

Surface 7768 / 6910 / 858 — 8622 / 7768 / 854 — 856 × 17.57 = 15040 sq. yd.

Bedrock 10337 / 9443 / 894 — 1229 / 0337 / 892 — 893 × 17.57 = 15690 sq yd.

30730
15365 sq. yd.

Av. Area.

$15365 \times \frac{26.8}{3} =$ 137261 cu. yd.

$\frac{137261}{30} =$ 4575.4 cu.yd/Elapsed Day

$\frac{137261}{27.6} =$ 4973.8 cu. yd./Running Day.

Pond El. 1660.6
Claims Dredged. 97 & 98
Surface Area 3.11 Acres
Av. Width 180'
Av. Length. 750'

135360 141210 138285

Thaw Writeoff

Block 28 - Remainder = 31530

- 67 - ✓ = 43455

✓ 66 - $\frac{180 \times 100 \times \pi \cdot 5^2}{27}$ = 16458

Total = 91443 /

Stripping Writeoff

X² 31-32	-	Remainder	= 3863	Cu Yds
32-33	-	✓	= 3778	✓
33-34	-	✓	= 4222	✓
34-35	-	✓	= 4352	✓
35-36	-	✓	= 4778	✓
36-37	-	✓	= 5419	✓
37-38	-	✓	= 5548	✓
38-39	-	✓	= 5667	✓
39-40	-	✓	= 5444	✓

Total = 43071 / ✓

Dredge 6 Oct. 1950

Dredge Operated 31 Days
Dredge Dug. 682hr 40 Min = 28.44 Days = 91.76%
Dredge Lost 61 20 " 256 " 8.24%

Av. Hgt of Bank 1.1
Av. Depth. 26.8
Total. 27.9

Surface Area 1338 / 0524 / 814 — 2156 / 1338 / 818 — 816 X 17.57 = 14337 Sq Yd.

Bed Rock 2955 / 2131 / 819 — 3778 / 2955 / 823 — 821 X 17.57 = 14425 / 28762 " "

Av. Area 14381 Sq Yd.

$14381 \times \frac{27.9}{3} = 133,743.$

$\frac{133743}{31} = 4314.$ Cu Yd / Elapsed Day

$\frac{133743}{28.4444} = 4703$ " " / Running Day

Pond El = 1651.9

Claims Dredged = 99 & 100

Surface Area = 2.96 Acres

Av. Width of Cut 124'
" Length of Cut 1040'

129033 129825 129429

Thaw Write Off

Block 66 - $\frac{40 \times 93 \times 25.5}{27} = 7905$ Cu. Yds.

less 542 Cu. Yds too much written off in Block #69

= 7363 Cu. Yds

Stripping Write off

X 4 30 - 31 - 3/4 Remainder - = 3228 Ca. yds.

Dredge #6 Nov. 1950.
Shut Down Nov. 5, 8 A.M.

Dredge operated. 4 days
Dredge Dug. 72 hrs. 10 min = 3.03 days = 75.87 %
Dredge lost. 23 " 10 " = 0.97 " = 24.13 %

Av. hgt of Bank. = 20.0 Ft.
Av. Depth. = 16.6 "
Total. = 36.6 "

Area Surface: $\frac{9649}{9597}$ $\frac{9703}{9649}$ $\frac{}{52}$ $\frac{}{54}$ 53 × 17.57 = 931 Sq. yd.

Bedrock: $\frac{9755}{9696}$ $\frac{9810}{9755}$ $\frac{}{59}$ $\frac{}{55}$ 57 × 17.57 = 1001 Sq yd.

Av. Area = 966 Sq yd.

$$966 \times \frac{36.6}{3} = 9774 \text{ Cu.Yds.}$$

$\frac{9774}{4}$ = 2318 Cu.Yds. per day elapsed time

$\frac{9774}{3.03}$ = 3060 " " running "

Pond El =
Claims Dredged 101. Sulphur
Surface Area - 0.19 Acres
Length of Cut - 90 feet
Width " - " 93 "

8379 9009 8694

Shaving Walkoff

Block #66 - Remainder = 16717 Cu.Yds.

- #65 - 4789 4730 4847 4789 × 89 × 126 × 27.1 = 9440
27.1 49 8 3
Total = 26157

Stripping Walkoff

X² 30-31 - Remainder = 1076 Cu.Yds.

29-30 - = 4815

28-29 - = 4933

27-28 - = 3344

Total = 16168

Dredge #6 — May 1951

Started May 1 - 11:00 AM.

Dredge operated 31 days (29 for depth)

Avg Mat Bank = 0.4 Ft.

Avg Depth = 26.5 -

Total = 26.9 -

Surface - 2597 / 2573 = 24 ; 2519 / 2597 = 22 ; 22 x 17.67 = 3940 Sq. Yds

Bedrock - 2737 / 2717 = 18 ; 2750 / 2737 = 13 ; 17 x 17.67 = 3834

7774

Avg Area = 3887

$\frac{3887 \times 26.9}{3} = 34853$ Cu. Yds

$\frac{34853}{31} = 1124$ Cu. Yds per day elapsed time

$\frac{34853}{23.23} = 1500$ - - - running -

Pond Elev - 1651.1

Claims dredged - 101-102 Bel Sulph.

Surface Area - 0.81 Acres.

Avg Width Cut - 110 Ft.

Length - 335

3940 / 9 = 35460

3834 / 9 = 34506

3887 / 9 = 34983

Thawing Waiteoff

Block 65 - Remainder	=	37732 ✓ cu. yds.
✓ 64 - ✓	=	52378 ✓
✓ 63 1/3 -	=	30968 ✓
	Total	121078 ✓

Stripping Waiteoff

X2 26-27 - Remainder	=	4111 Cu Yds
25-26 - ✓	=	6481
24-25 - ✓	=	6667
20-24 - ✓	=	6667
19-20 - ✓	=	6667
18-19 - ✓	=	7333
17-18 - ✓	=	7056
16-17 - ✓	=	5807
15-16 - ✓	=	5641
14-15 - ✓	=	6230
13-14 - ✓	=	6085
	Total	68745 ✓

Dredge #6 June 1951

Dredge operated 30 days
- dug 658 hrs 32 min = 27.44 days = 91.47 %
- lost 61 - 25 - = 2.56 - = 8.53 %
Avg Mat Bank = 1.1 Ft.
- Depth = 28.5 -
- Total - = 29.6 -

Surface: 9603 / 8677 / 926 — 10521 / 9603 / 918 — 922 × 17.67 = 16291 Sq Ft

Bed Rock: 1389 / 481 / 908 — 2303 / 1389 / 914 — 911 × 17.67 = 16097 - 32388

Avg Area = 16194

1398
16194 × 29.6 / 3 = 159781 Cu. Yds.

159781 / 30 = 5326 Cu Yds. per day elapsed time

159781 / 27.44 = 5823 - - running -

Pond El 1646.6
Claims Dredged 103, H103, H104, 105, H105
Surface Area 3.36 Acres
Average Length of Cut 1120 Ft.
" Width " " 126 -

16291 / 9 / 146619

16097 / 9 / 144873

16194 / 9 / 145746

Thawing Write-off

Block #63 - Remainder = 61938 Cu Yds.

- #62 = 1/2 = 75082

Total = 137020

Stripping Write-off

X-sec 8-9 - Remainder = 8063 Cu Yds.

9-10 - = 7281

10-11 - = 6107

11-12 - = 5696

12-13 - = 5519

7-8 - 1/3 = 2688

Total = 35354

Dredge #6 July 1971

Dredge operated 31 days.
Dug 679 hrs 10 min = 28.30 days = 91.29 %
Lost 64 " 50 " = 2.70 " = 8.71 %
Avg Net Book = 0.7 Ft.
" Depth = 32.0 "
Total " = 32.7 "

Surface 2979 3831 8219 × 17.67 = 145178 Sq Yds.
2118 2979
861 852

Bedrock 4658 5293
3819 4658
839 635 837 × 17.67 = 14790 "
" 9968 "
Avg. Area = 14984 "

$$\frac{14984 \times 32.7}{3} = 163325 \text{ Cu. Yds.}$$

$$\frac{163325}{31} = 5268 \text{ Cu-Yds per day elapsed Time}$$

$$\frac{163325}{28.30} = 5771 \text{ " " - running "}$$

Pond Elev. - 1643.0
Claims dredged - 105-106-107 Bel Sulph.
Surface Area - 3.14 Acres
Avg. Width out - 240 Ft.
" Length - 1850 "

145178 / 9 = 13660
147900 / 9 = 133110
149844 / 9 = 134856

Thawing Writeoff

Block 2 - Remainder = 7508 Cu. Yds.

61 - 31.9 — 0778 / 0461 / 317 — 0976 / 0718 / 258 — 86 × 17.67 × 31.9 / 3 = 48504

Total = 12386

Stripping Writeoff

X² 4-5 - ½ Remainder = 6112 Cu. Yds.

5-6 - Remainder = 11071

6-7 - " = 7722

7-8 - " = 5375

Total = 30280

Dredge #6 Aug. 1951

Dredge Operated 31 days
" Dug 687 hrs 35 min = 28.65 Days = 92.42%
" Lost 56 " 25 " = 2 35 " = 7.58%

Av. Hgt of Bank = 1.1
" Depth of Cut = 34.8
Total = 35.9

Surface $\frac{3239}{2557}$ $\frac{3923}{3239}$
682 684

683 X 17.67 = 12069

Bed Rock $\frac{4536}{3851}$ $\frac{5223}{4536}$
685 687

686 X 17.67 = 12121

12095

$12095 \times \frac{35.9}{3} =$ 144737 ca. yds.

$\frac{144737}{31} =$ 4669 Ca yd per day Elapsed Time

$\frac{144737}{2865}$ 5052 Ca. yd per day Running Time

Pond El = 1641.0
Claims Dir 107 Below Sulphur
Surface Area 2.49 Acres
Av. Width of Cut 265'
" Length " " 410'

108621 109089 108855

Thawing Waste off

Block 59 — 33.6 — $\frac{280 \times 60 \times 33.6}{27}$ = 2090 Cu Yds

60 — 33.2 — $\frac{280 \times 166 \times 33.2}{27}$ = 5713 –

61 — 31.9 — $\frac{190 \times 280 \times 31.9}{27}$ = $\frac{6280}{}$ ✓

Total 14093 ✓

Stripping Waste off

Switch 1-2 — 1/3 Remainder = 936 Cu Yds.

2-3 — 1/2 ✓ = 1080 ✓

3-4 — 2/3 ✓ = 1218 –

4-5 — Remainder = $\frac{6111}{}$ ✓

Total = 3745 ✓

Dredge N:- 6 Sept 1951

Dredge operated 30 days (=26 days for depth)
dug 633 hrs 0 min = 26.38 days = 87.9%
lost 87 " 0 " = 3.62 " = 12.08%
Avg Hgt Bank = 1.4 Ft
" Depth = 33.6 "
Total " = 35.0 "

Surface: 6252 / 5565 / 687 — 6938 / 6252 / 686 — 687 X 17.67 = 12139

Bed Rock: 7672 / 7006 / 666 — 8350 / 7672 / 678 — 9023 / 8350 / 673 — 672 X 17.67 = 11874

24013

Av. Area = 12007

$\frac{12007 \times 35.0}{3}$ = 140082 Cu. Yds

$\frac{140082}{30}$ = 4669 Cu. Yds per day elapsed time

$\frac{140082}{26.38}$ = 5310 " " running "

Pond El = 1635.7
Claims Dr 107 & 108 Below on Sulphur-
Surface Area: 2.51 Acres
Av. Width of Cut 265. Ft
" Length " 412 "

109251 106866 108063

Thaw Write off

Block #59 (33.6) - 601 × $\frac{11.2}{3}$ = 6731 Cu. Yds.

Stripping Write off

Sulph X² 1-2 - 1/4 Remainder = 4618 Cu. Yds. ✓

0-1 - 1/2 ✓ = 180√3 -

Gran X^NS X² 45-46 - 1/8 ✓ = 4874 ✓

46-47 - 1/50 - = 2707 ✓

Total = 29752 ✓

Dredge No 6 — October 1951
Shut down Oct 15 - 8 PM

Dredge operated 14 days
- dug 315 hrs. 10 min = 13.13 days = 93.80%
- lost 20 - 50 - = 0.87 - = 6.20%
Avg Hgt Bank = 0.9 Ft.
- Depth = 34.7 -
Total - = 35.6 -

Surface — 7099 − 6784 = 315 ; 7418 − 7099 = 319 — 317 × 17.67 = 5601 Sq. Yd.

Bedrock — 7737 − 7427 = 310 ; 8041 − 7737 = 314 — 307 × 17.67 = 5425 Sq Yd.
11026

Av. Area 5513 Sq Yd.

$5513 \times \frac{35.6}{3} =$ 65421 Cu Yds.

$\frac{65421}{14} =$ 4673 Cu Yd/day Elapsed Time

$\frac{65421}{13.13}$ 4983 - - Running "

Pond El = 1635.0
Claims Dredged 107 + 108 Below on Salphur
Area 1.16 Acres
Av. Length of Cut 183 ft
" Width - " 275 ft

50409 48825 49617

Thaw Kriteoff

Block #59 - 260 × 95 × 33.6 / 27 = 30738 Cu. Yds

Block #58 - 261 × 70 × 33.3 / 27 = 22878

Total = 53616

Stripping Kriteoff

Sulph. X³ 0-1 - 1/9 Remainder = 2006 Cu. Yds.

Gran. X³ 43-44 - 1/27 = 189

" " 44-45 - 1/9 = 10127

" " 45-46 - 1/20 = 4143

Total 21461

Dredge #6

May 1952

Started May 8:00 AM 8th

Dredge Operated 24 days

" Dug	465 hrs 30 min	19.40 Days	80.82%
" lost	110 " 30 "	4.60 "	19.18%
Av. Hgt. Bank	1.6 Ft		
" Depth	32.8 "		
Total	34.4		

Surface	1878	2139	265	X 17.67	4683
	1610	1878			
	268	261			
Bedrock	2450	2723	275	X 17.67	4859
	2173	2450			9542
	277	273		Aver	4771

$4771 \times \frac{34.4}{3}$ = 54707 Cu yds

$\frac{54707}{24}$ = 2279 Cu yd / Day Elapsed Time

$\frac{54707}{19.40}$ = 2820 Cu yd / Day Running Time

Pond El	1735.1	
Claims Dredged	108	Below on Sulphur
Area	0.97 Acres	
Aver Length of Cut	162'	
" Width " "	260'	

42147 43731 42939

Thaw Writeoff

Block #8 – $\frac{260 \times 270 \times 33.3}{27}$ = 86580 Cu Yds.
33.3

Block #9 – $\frac{190 \times 280 \times 33.5}{27}$ = 66007 –
33.5

Total = 152587

Strip Writeoff

X2 44-45 – 1/2 Remainder = 6712 Cu Yds.

45-43 – 1/2 – = 2734 –

43-44 – 1/4 – = 1816 –

44-45 – 1/5 – = 5400 –

Total: 57616

Dredge #6 June 1952

Dredge Operated 30 days
" Dug 659 hrs 15 min = 27.47 days = 91.56 %
" lost 60 " 45 " = 2.53 " = 8.44 %
Av. Hgt. Bank 1.6 Ft.
" Depth. 32.5
Total. 34.1

Surface	3030 − 2252 = 778	3806 − 3030 = 776	777 x 17.67	13729 Sq.yd.
Bedrock	1563 − 3804 = 759	5326 − 4563 = 763	761 x 17.67	13447 Sq.yd.
				27176
			Av.	13588

$13588 \times \frac{34.1}{3} =$ 154450 Cu Yds.

$\frac{154450}{30} = 5148$ Cu.Yd. per day Elapsed Time.

$\frac{154450}{27.47} = 5622$ Cu.Yd. per day Digging Time

Pond El. 1635.0
Claims Dredged 108 Below on Sulphur, 270-2T and 271-2T
Area 284 Acres
Av. Width of Cut 277 ft
Av. Length of Cut 415 ft

123561 121023 122292

Thaw Write off

Block #57 - 1902 / 1549 / 353 ; 2260 / 1902 / 358

$$\frac{356 \times 17.67 \times 33.5}{3} = 70238 \text{ Cu. Yds.}$$

- #56 - 300 / 2541 / 464 ; 3473 / 3005 / 468

$$\frac{466 \times 17.67 \times 33.0}{3} = 87829$$ -

Total = 158067 -

Stripping Write off

X² 40-41 - Remainder = 16827 Cu. Yds.

41-42 - " = 6712 -

42-43 - 4/5 = 2188.4 -

43-44 - 1/3 = 18160 -

Total = 63583 -

Dredge #6 July 1952

Dredge operated 31 days
" dug 689 hrs 20 min. = 28.72 days = 92.6%
" lost 44 - 40 " = 3.28 " = 7.3%
Avg. Hgt. Bank = 2.4 Ft.
" Depth = 30.3 "
Total " = 32.7 "

Surface	$\frac{7211}{6362}{\,}_{849}$	$\frac{8056}{7211}{\,}_{845}$	847	17.67 =	14967
Bed Rock	$\frac{8889}{8009}{\,}_{880}$	$\frac{9773}{8889}{\,}_{884}$	882	17.67 =	15585

15276

$\frac{15276 \times 32.7}{3}$ (10.9) = 166508 Cu. Yds

$\frac{166508}{31}$ = 5371 Cu. Yds. per day elapsed Time

$\frac{166508}{28.72}$ = 5798 " " running "

Pond El. 1630.2

Claims Dredged: 270-2T, 270-1T, 271-2T-271-1T

Area 3.09 Acres

Av. Width of Cut 236 Feet

Av. Length of Cut 570' "

134703 140265 137484

Thaw Writeoff

Block 55 - Remainder - 8880 = 81096 Cu Yds.

54 - " - 4853 = 64050 "

74 - $\frac{170 \times 40 \times 31.0}{27}$ = 5511 "

Total = 150657 "

Stripping Writeoff

X3 43-44 - 2/3 Remainder = 2424 Cu Yds.

44-45 - 35% " = 2646 "

45-46 - 1/10 " = 7873 "

Total = 58553 "

Dredge #6 Aug 1957

Dredge operated 31 days
Aug 689 hrs 35 min = 28.73 days = 92.6%
Lost 4 - 25 - = 2.77 - = 7.31%
Avg Hgt Bank = 2.1 Ft
- Depth = 7.8 -
Total - = 9.9 -

Surface - 1288 / 0433 / 858 — 1148 / 1288 / 860 — 858 x 17.67 = 15160 Cu. Yds.

Bedrock - 3078 / 2140 / 888 — 3921 / 3078 / 893 — 890 x 17.67 = 15726

30886

Avg Area = 15443

15443 x 9.8/3 = 151341 Cu. Yds.

151341 / 31 = 4882 Cu. Yds. per day elapsed time

151341 / 28.73 = 5268 - running -

Pond Elev. - 164.0
Claims dredged - 270-271 1st Tier
Surface Area - 3.13 Acres.
Avg width Cut - 270 Ft.
- Length - - 570

15160 / 9 = 136440
15726 / 9 = 141534
15443 / 9 = 138987

Thaw Write off

Block # 55 - Remainder = 8880 Cu. Yds.

- # 56 - = 28441

- # 73 - 0998 − 0733 = 265; 1270 − 0998 = 272; 269 × 17.67 × 31.0 / 3 = 49104

- # 72 - 1350 − 1184 = 166; 1514 − 1350 = 164; 166 × 17.67 × 31.0 / 3 = 30318

- # 57 - 2403 − 2241 = 162; 2565 − 2403 = 162; 162 × 17.67 × 33.5 / 3 = 31914

Total = 148657

Stripping Write off

X2 43-44 - Remainder = 12106 Cu. Yds.

- 44-45 - 2/3 = 32768

- 45-46 - 1/3 = 23618

Total = 68492

Dredge #1 C Sept 1952

Dredge operated 30 days
Dug 657 hrs 30 min = 27.15 days = 90.49 %
Lost 68 " 30 " = 2.85 " = 9.51 %
Avg Hgt Bank = 3.7 Ft.
" Depth = 28.8 "
Total " = 32.5 "

Surface 778 + 1761 / 787 = 3341 / 793 × 790 × 17.67 = 13959 Sq. Yds.

Bedrock 4109 + 3324 / 785 = 4857 / 793 × 784 × 17.67 = 13853 / 27812

Avg Area = 13906

$\frac{13906 \times 32.5}{3}$ = 150648 Cu Yds

$\frac{150648}{30}$ = 5022 Cu Yds. per day elapsed Time

$\frac{150648}{27.15}$ = 5549 " " running "

Pond Elev — 1631.8
Claims dredged - 271-1st T, 271-2nd T, BLD. 109-110 Bel Sulph.
Surface Area - 2.88 Acres
Avg Width Cut - 190 Ft.
" Length - 670 "

1391 / 9 = 1547 / 631
1385 / 9 = 1537 / 677
1390 / 9 = 1545 / 154

Thaw Writeoff

Block 72	$\frac{150 \times 65 \times 31.0}{27}$	=	11194 Cu.Yds.
- 67 -	Remainder	=	19931 -
- 71 -	$\frac{285 \times 35 \times 31.0}{27}$	=	11453 -
- 78 -	Remainder	=	84448 -
- 59 -	$\frac{205 \times 70 \times 33.6}{27}$	=	17858 -
		Total -	144884 -

Stripping Writeoff

X² 44-45	- Remainder	=	16383 Cu.Yds.
X² 45-46	-	=	47236 -
X² 46-47	- 15%	=	16217 -
X² 47-48	- 20%	=	23244 -
			82160 -
			4471 -
X² 42-43	- Remainder Should have been charged off in Aug.	Total =	87631

Dredge No. 6 October 1957

Dredge operated 31 days
" dug 685 hrs. 0 min = 28.54 days = 92.07%
" lost 59 " 0 " = 2.46 " = 7.93%
Avg Ht Bank = 3.1 Ft.
" Depth = 30.4
Total " = 33.5 "

Surface - 4142 / 3402 / 740 — 4893 / 4142 / 751 — 5639 / 4893 / 746

743 x 17.67 = 13125 Sq. Yds.

Bedrock - 6373 / 5625 / 748 — 7121 / 6373 / 748

751 x 17.67 = 13270 - 70 = 13200

Avg. Area = 13200

4400
13200 x 33.5 / 3 = 1474400 Cu. Yds.

1474400 / 31 = 47561 Cu. Yds per day elapsed time

1474400 / 28.54 = 51654 " " running "

Pond Elev - 1632.3
Claims dredged - 108-109 Bel Scioto - 271 - 5T BLO Bar
Surface Area - 2.71 Acres.
Avg Width - 245 Ft
" Length - 490 "

13125 / 5 = 11816.1
13270 / 9 = 11943.0
13200 / 9 = 11880.0

Thaw Wright

Block #9 - $\frac{200 \times 75 \times 33.6}{27}$ = 18666 Cu. Yds.

33.6

" #71 - $\frac{70 \times 20 \times 31.0}{27}$ = 1607

31.0

Total = 20273

Strip. Wright

X-S 46-47 - 1/60 x 108119 = 1802 Cu Yds.

47-48 - 1/30 x 116222 = 3874

Total = 5676

Dredge # 6

November 1952

Dredge Closed Down
3.30 A.M. Nov. 5th

Dredge Operated 4 Days
Dredge Dug 83 hrs 0 min = 3.46 Days 86.46%
Dredge lost 13 " 0 " = 0.54 " 13.54%

Av Hgt of Bank 3.0 feet
" Depth of Cut 29.7 "
Total 32.7 "

Surface $\frac{8444}{8361}{}^{83}$ $\frac{8523}{8444}{}^{79}$ 81 x 17.67 1431 Sq Yd.

Bed Rock $\frac{8559}{8483}{}^{76}$ $\frac{8633}{8559}{}^{74}$ 75 x 17.67 = 1325 Sq Yd.

Av. Area 1378 Sq. Yd.

$1378 \times \frac{32.7}{3}$ = 15020 Cu. Yds

$\frac{15020}{4}$ 3755 Cu yds per Day operating Time

$\frac{15020}{3.46}$ = 4341 Cu yds per Day Digging Time

Pond El 1632.6
Claims Dredged 108 Below in Sulphur
Surface Area 0.30 Acres
Av. Width 215 feet
Av Length 60 "

12879 11925 12402

Thaw W/O

Block 19- 1/3 Remainder = 9836 Cu Yds

Strip W/O

X-sec 46-47 - 1/15 Remainder = 3600 Cu Yds

X-sec 47-48 - 1/10 = 5500 "

Total = 9100

Dredge No 6 — May 1953

Started May 21 – 7:40 pm.

Dredge operated 11 days
- Dug 211 hrs. 30 min = 8.81 days = 80.11 %
- Lost 57 " 30 " = 2.19 " = 19.89 %

Avg Hgt Bank = 4.7 Ft.
" Depth = 28.1 "
Total " = 33.2 "

Surface — 6416 × 6569 = 147; 6568 × 6416 = 152

147 + 152 = 299 ÷ 2 = 149.5 × 17.67 = 2650 Sq. Yds.

Bedrock — 6720 × 6565 = 155; 6873 × 6720 = 153

155 + 153 = 308 ÷ 2 = 154 × 17.67 = 2721 "

2650 + 2721 = 5371

Avg Area = 2685 "

895

2685 × 33.2 / 3 = 29714 Cu. Yds.

29714 / 11 = 2701 Cu. Yds. per day elapsed time

29714 / 8.81 = 3373 " " running "

Pond Elev — 1633.0
Claims dredged — 108 Bel Sulph.
Surface Area — 0.55 Acres
Avg width cut — 200 Ft.
" Length — 115 "

2650 × 9 = 23850
2721 × 9 = 24489
2685 × 5 = 24165

Thaw Wristoff

Blocking - Remainder		= 14918 Cu Yds.
- 60 -	✓	= 39806 ✓
- 61 -	✓	= 39571 ✓
- 70 -	350 × 30 × 30.5 / 27	= 11861 ✓
		Total = 106156 ✓

Stripping Wristoff

X? 47-48 - 1/4	Remainder	= 2373 Cu Yds
48-49 - 1/2	✓	= 4331 ✓
0-1 - 1/2	✓	= 8024 ✓
1-2 - 2/3	✓	= 9236 ✓
2-3 - 3/4	✓	= 8010 ✓
3-4 -	✓	= 5608 ✓
4-5 -	✓	= 0
		Total = 37537 ✓

Dredge #6 June 1953

Dredge operated 30 days
" dug 635 hrs. 15 min = 26.47 days = 88.23 %
" lost 84 " 45 " = 3.53 " = 11.77 %
Avg Height Bank = 4.6 Ft
" Depth = 28.7 "
Total " = 33.3 "

Surface 9016. 9647
8387 9016
629 631

633 x 17.67 = 11185 Sq Yds.

Bedrock 0285 0907 1550
9646 0284 0907
639 623 643

641 x 17.67 = 11327 "
" 22512

Avg Area = 11256 "

11256 x 33.3/3 = 124942 Cu Yds.

124942/30 = 4165 Cu Yds. per day elapsed time

124942/26.47 = 4720 " " running "

Pond Elev - 1632.7
Claims dredged - 108 Salph.
Surface area - 2.31 Acres.
Avg width - 225 Ft.
" Length - 470 "

11185/9 = 1006.5
11327/9 = 1019.43
11256/9 = 1013.04

Thaw Write off

Block No 70

30.5

2288	2712	3366
1637	2288	2712
651	424	654

653 × 17.67

$= \frac{3846}{2} \times 30.5 = 117303$ Cu Yds.

Stripping Write off

2-3		Remainder	2670	Cu Yds
1-2		"	4618	"
0-1		"	8024	"
49-50	1/16	"	6806	"
50-51	1/14	"	8133	"
51-52	1/24	"	4555	"
				"

Total = 34806

Dredge No 6 July 1953

Dredge operated 31 days
dug 654 hrs 40 min = 27.28 days = 88 %
lost 89 hrs 20 min = 3.72 days = 12 %
Avg Hgt of Bank = 4.0 Ft.
Depth = 29.0
total = 33.0

3.3

Surface
7190 7957
6428 7190
762 767

765 × 17.67 = 13518 Sq. Yds

Bedrock
1349 2085
0614 1349
735 736

736 × 17.67 = 13000 Sq. Yds.
26523
13262

13262 × 33.0/3 = 145882 Cu. Yds.

145882 / 31 = 4706 Cu. Yds. per day elapsed time

145882 / 27.28 = 5348 " " running

Pond Elev - 1631.7
Claims Dredged - 108-109 Below Sulpher
Surface Area - 2.79 Acres
Avg width - 230 Ft
" length - 540

13518 13000 13262
T 9 5
17166 117045 119358

Will not be in in 1941

1940 DREDGE CREWS

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