

DR. N^o 2

Dredge No 2



"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

Dredge No 2 - April 1938

Dredge started April 29th 7 p.m.

✓ operated 1.5 days

✓ dug 26 hrs. 57 min. = 74.82% = 1.12 days

✓ lost 9 - 3 = 25.14%

Avg. Hgt. of Bank = 8 Feet

✓ Depth = 21

Total Depth = 29

Nominal number Cu Yds. dug = 6000

= 4000 per day elapsed time

= 1357 - - running

$1'' = 5.0'$
 Factor = 4.52
 = Sq. Yds.
 Vernier at 34

Dredge No 2 - May 1938

Dredge operated 31 days

- dug 681 hrs 28 min = 28.39 days = 91.59%
 - lost 62 - 32 - = 2.61 - = 8.41%

Avg Hgt of Bank = 5.3 Feet.

- Depth = 23.7 -

Total Depth = 29.0 -

Surface

$$\begin{array}{r} 0907 \\ 5444 \\ \hline 5463 \end{array}$$

$$\begin{array}{r} 6370 \\ 0907 \\ \hline 5463 \end{array}$$

$5463 \times 4.52 = 24693$ Sq. Yds.

Bedrock

$$\begin{array}{r} 7157 \\ 1761 \\ \hline 5396 \end{array}$$

$$\begin{array}{r} 2560 \\ 7157 \\ \hline 5403 \end{array}$$

$5400 \times 4.52 = 24408$ Sq. Yds

$2 \overline{) 49101}$

Avg. Area = 24550 Sq. Yds.

$\frac{24550 \times 29}{3} = 237317$ Cu. Yds

- 6000 - credit in April.

= 231317 Cu. Yds.

$\frac{231317}{31} = 7462$ Cu. Yds. per day elapsed time

$\frac{231317}{28.39} = 8148$ - - - - running -

1" = 50'

Factor = 4.52

= Sq. Yds

Vernier at 34.

Dredge No 2

June 1938

Pond Elev July 1 - 1091.7

Dredge operated 30 days

✓ dug 654 hrs. 25 min = 27.27 days = 90.89%

✓ lost 65 - 35 - = 2.73 - = 9.11%

Avg. Hgt. of Bank = 2.6 Feet

✓ Depth = 23.4 -

Total Depth = 26.0 -

Surface

1185	8252
4125	1185
7060	7064

7064 X 4.52 = 31929 Sq. Yds

Bedrock

5465	5652
8174	8568
7091	7084

7088 X 4.52 = 32037

2 (63966)

Avg Area = 31983 Sq. Yds.

¹⁰⁶⁶¹
31983 X 26 = 277186 Cu. Yds
8

277186
30 = 9240 Cu. Yds per day elapsed time

277186
27.27 = 10165 - - - - - running time.

1" = 50'
 Factor 4.52
 - Sq yds.
 Vernier at 34

DREDGE No 2

Pond elev. 1080.4'
 JULY 1938

Dredge operated 31 days ✓
 - dug 532 hrs. 45 min. = 22.20 days = 71.6% ✓
 - lost 211 hrs 15 min. = 8.80 days = 28.4% ✓

Avg. hgt. of bank = 0.8 Feet ✓
 - depth = 23.9 ✓ ✓
 total depth = 24.7 Feet ✓

Surface.

3392	0806	8219	1338	5798	0271	
<u>9681</u>	<u>7095</u>	<u>4509</u>	<u>6866</u>	<u>1338</u>	<u>5798</u>	= 8183 x 4.52 = 36987 sq. yds ✓
3711	3711	3710	4472	4460	4473	

Bedrock

4317	8374	2423	4777	8217	1655	
<u>0265</u>	<u>4317</u>	<u>8374</u>	<u>1350</u>	<u>4777</u>	<u>8217</u>	= 7488 x 4.52 = 33846 ✓
4052	4057	4049	3427	3440	3438	

Avg. Area. 35417 ✓

35417 x 24.7/3 = 291600 cu. yds. ✓

$\frac{291600}{31} = 9406$ cu. yds. per day - elapsed time ✓

$\frac{291600}{22.2} = 13135$ cu. yds per day - running time ✓

1" = 50'

Factor = 4.52

= sq yds

Vernier at 34

DREDGE N^o 2

August 1938

Dredge operated 31 days. ✓

✓ dug 686 Hrs. 11 min. ✓ = 28.59 days = 92.23 % ✓
 ✓ lost 57 Hrs 49 min. ✓ = 2.41 days = 7.77 % ✓

Average hgt of bank 0.6 feet ✓
 - depth 21.3 ✓
 Total depth 21.9 ✓

Surface

Part # 1 $\frac{6362}{1620}$ $\frac{1089}{6362}$ $\frac{5840}{1089}$ $\frac{0573}{5840}$ $\frac{5313}{0573}$
 4742 ~~4727~~ 4751 4733 4740

Part # 2 $\frac{0656}{5502}$ $\frac{5802}{0656}$ $\frac{0940}{5802}$ = $4740 \times 4.52 = 21425$
 5154 5146 5138 = $5146 \times 4.52 = 23260$
 44685 sq yds

Bedrock

Part # 1 $\frac{9955}{5280}$ $\frac{4624}{9955}$ $\frac{9292}{4624}$ = $4670 \times 4.52 = 21108$
 4675 4669 4668

Part # 2 $\frac{5784}{0912}$ $\frac{0636}{5784}$ $\frac{5513}{0636}$ $\frac{0400}{5513}$ = $4879 \times 4.52 = 22053$
 4872 4852 4877 4887
 43161 sq yds
 2 187846

Avg. Area: 43923 sq yds

$43923 \times 21.9 / 3 = 320638$ cu. yds.

$\frac{320638}{31} = 10343$ cu. yds per day: elapsed time

$\frac{320638}{28.59} = 11215$ cu. yds per day: running time

CHAD J.D.S.

1" = 50'

Factor 4.52

= Sq. yds

Vernier at 34

DREDGE No 2

SEPTEMBER 1938

DREDGE operated 30 days. ✓

✓ dug 676 Hrs. 1 min. = 28.17 days. = 93.89% ✓

✓ lost 43 Hrs. 59 min. = 1.83 days = 6.11% ✓

Avg. Hgt. of bank = 1.7 Feet ✓

✓ depth = 22.0 ✓ ✓

Total depth 23.7 ✓ ✓

SURFACE: $\frac{4091}{0260} \frac{7916}{4091} \frac{1735}{7916} = 3825 \times 4.52 =$

Virgin ① $\frac{3831}{2408} \frac{3825}{3847} \frac{3819}{5290}$

✓ ② $\frac{0968}{1440} \frac{2408}{1439} \frac{3847}{1443} = 1441 \times 4.52 =$

5266 = 23802 Sq. yds. ✓

Tails ③ $\frac{9729}{6286} \frac{3185}{9729} \frac{0103}{6660} = 3445 \times 4.52 = 15571$ ✓ ✓ ✓

3443 3456 3443

BEDROCK: $\frac{5432}{1716} \frac{9148}{5432} \frac{2868}{9148}$

Virgin ① $\frac{3716}{6761} \frac{3716}{6232} \frac{3720}{9152} = 3717 \times 4.52 =$

✓ ② $\frac{5311}{1450} \frac{7689}{1457} \frac{9152}{7689} = 1457 \times 4.52 =$

5174 = 23386 Sq. yds. ✓

Tails ③ $\frac{3143}{0201} \frac{6123}{3163} \frac{9089}{6123} = 2963 \times 4.52 = 13393$ ✓ ✓ ✓

2962 2960 2966

Av. Area. $23802 + 23386 = 47188 \div 2 = 23594$ Sq. yds. Virgin ✓

= $23594 \times \frac{23.7}{3} = 186,393$ cu. yds. ✓

Avg. Area = $15571 + 13393 = 28964 \div 2 = 14482$ Sq. yds. Tails ✓

= $14482 \times \frac{23.7}{3} = 114,408$ cu. yds. ✓

VIRGIN: $\frac{186393}{30} = 6213$ cu. yds. per day: elapsed time ✓

✓ $\frac{186393}{28.17} = 6617$ ✓ ✓ ✓ running time ✓

TAILINGS

$\frac{114408}{30} = 3814$ cu. yds. per day: elapsed time ✓

✓ $\frac{114408}{28.17} = 4061$ ✓ ✓ ✓ running time ✓

Totals = 10027 cu. yds per day: elapsed time ✓

✓ = 10678 ✓ ✓ ✓ running time ✓

Chkd

1" = 50

DREDGE NO 2

October 1938

Factor 4.52

= Sq. Yds

Vernier at 34

Dredge operated 31 days

" dug 687 hrs 55 mins = 28.66 days = 92.46%

" lost 5.6 " 0.5 " = 2.34 " = 7.54%

Avg height of Bank = 0.6

" depth = 24.7

Total Depth = 25.3

Surface $\frac{11338}{1696} \frac{14694}{6058} \frac{14817}{6189} = 8638 \times 4.52 = 39044$ Sq. Yds

Bedrock $\frac{3458}{4863} \frac{12047}{3458} \frac{0639}{2047} = 8592 \times 4.52 = 38836$

2) 77880

Avg Area = 38,940 Sq. Yds.

$38940 \times \frac{25.3}{3} = 328,394$ Total Cu Yds.

$\frac{328394}{31} = 10593$ Cu yds. per day - Elapsed Time

$\frac{328394}{28.66} = 11458$ " " " " - Running Time

JRS Oct 2-38

Checked GGF

1" = 50'
 Factor 4.52.
 = sq. yds.
 Vernier at 34

DREDGE N^o 2

NOVEMBER 1938

DREDGE operated: 30 days = 720 Hrs.

" dug : 490 Hrs. 16 min = 20.4 days = 68.09 %
 " lost : 229 " 44 " = 9.6 " = 31.91 %

Avg. Height of Bank = 3.5 Feet

" depth. = 21.9 "

Total depth. 25.4 "

SURFACE: $\frac{1666}{7073} \quad \frac{6260}{1666} \quad \frac{0862}{6260} = 4597 \times 4.52 = 20778 \text{ sq. yds.}$
 $\frac{4593}{4594} \quad \frac{4594}{4602}$

BEDROCK: $\frac{5335}{0837} \quad \frac{9835}{5335} \quad \frac{4328}{9835} = 4497 \times 4.52 = 20326$ ✓
 $\frac{4498}{4500} \quad \frac{4500}{4493}$

2 | 41104 ✓

Avg Area. 20552 sq. yds.

$20552 \times \frac{25.4}{3} = 174007 \text{ cu. yds. Total.}$

$\frac{174007}{30} = 5800 \text{ cu. yds per day elapsed time}$

$\frac{174007}{20.4} = 8530 \text{ cu. yds per day running time}$

1" = 50

DREDGE No. 2

DECEMBER 28, 1938

Factor = 4.52

= Sq. Yds

Vernier at 34

DREDGE OPERATED 23.42 days = 562 hrs.

" DUG 502 hrs 19 min = 20.93 days = 89.38%

" LOST 59 " 41 " = 2.49 " = 10.62%

Avg HEIGHT OF BANK = 2.7

" DEPTH

= 23.8

TOTAL DEPTH

= 26.5

$$\text{Surface} \begin{array}{r} 3056 \\ 9534 \\ \hline 3522 \end{array} \quad \begin{array}{r} 6580 \\ 3056 \\ \hline 3524 \end{array} \quad \begin{array}{r} 3640 \\ 0119 \\ \hline 3526 \end{array} = 3524 \times 4.52 = 15928 \text{ Sq. yds.}$$

$$\text{Bedrock} \begin{array}{r} 7085 \\ 3502 \\ \hline 3583 \end{array} \quad \begin{array}{r} 0677 \\ 7085 \\ \hline 3582 \end{array} \quad \begin{array}{r} 4266 \\ 0677 \\ \hline 3589 \end{array} = 3583 \times 4.52 = \frac{16195}{2) 32123}$$

Avg Area = 16,062 Sq. yds.

$$16062 \times \frac{26.5}{3} = 141,881 \text{ Total Cu Yds.}$$

$$\frac{141881}{23.42} = 6058 \text{ cu yds. per day Elapsed Time}$$

$$\frac{141881}{20.93} = 6779 \text{ cu yds. per day Running Time}$$

Checked G. F.

28/12/38

DREDGE No 2.

May - 2 - 1939

Apr. yardage

DREDGE OPERATED 1 DAY = 24 hrs.

" Lost. 6 hrs. 20 min = 0.26 days = 26.39 %

" Dug. 17 hrs 40 min = 0.74 days = 73.61 %

AVG HEIGHT OF BANK = 0.0

AVG DEPTH = 38.4

Total DEPTH 38.4

Total Cu Yds = 3700 Cu Yds.

 $\frac{3700}{1} = 3700$ Cu Yds per day Elapsed time. $\frac{3700}{0.74} = 5000$ Cu Yds per day Running time.G.G.F. 5/2/39
P.S.S.

DREDGE No. 2

MAY 1939

1" = 50'

Fac. 4.52

- Sq. yds.

Vernier at 34

DREDGE operated 31 days.

- dug 682 Hrs. 25 min. = 28.44 days = 91.72%

lost 61 " 35 " = 2.56 " = 8.28%

Avg. Hgt. of bank = 0.8 Ft ✓

Depth = 29.1 ✓

Total Depth = 29.9 ✓

SURFACE: $\begin{array}{r} 2829 \\ 7058 \\ \hline 5771 \end{array}$ $\begin{array}{r} 8601 \\ 2829 \\ \hline 5772 \end{array}$ $\begin{array}{r} 4372 \\ 8601 \\ \hline 5771 \end{array}$ ✓ = 5771 x 4.52 = 26085 sq yds.

BEDROCK $\begin{array}{r} 0053 \\ 4353 \\ \hline 5700 \end{array}$ $\begin{array}{r} 5745 \\ 0053 \\ \hline 5692 \end{array}$ $\begin{array}{r} 1241 \\ 5745 \\ \hline 5696 \end{array}$ ✓. 5696 x 4.52 = 25746 ✓
 2 | 51831 ✓

Avg. Area = 25,916 ✓

25916 x 29.9/3 = 258296 cu. yds. - 3700 in April
 = 254596 ✓

254596 = 8213 cu. yds per day, elapsed time
 31

254596 = 8952 cu. yds per day, running time
 28.44

Claim Dredged - Boyle Cons. ✓

Surface Area = 5.39 Acres ✓

Avg Width of Cut = 315 Feet ✓

Avg Length of Cut = 1315 ✓

DREDGE #2

JUNE 1939

1" = 50'

Fac 4.52

DREDGE OPERATED. 30 days.

= 89 Yds

DUG.

= 681 hrs 10 min. = 28.38 days = 94.6% ✓

Volume 239.0

"

LOST.

= 38 hrs 50 min = 1.62 " = 5.4% ✓

AVG HEIGHT OF BANK. = 1.5 ✓

" DEPTH.

= 23.7 ✓

Total DEPTH.

= 25.2 ✓

	1913	4394	2890	
SURFACE	5420	1913	7399	5490 x 452 = 24,815 ✓
	5493 ✓	5481 ✓	5496 ✓	
BED ROCK	8986	4866	0753	6643
	3057	8986	4866	0753 = 5889 x 452 = 26,618 ✓
	5899 ✓	5880 ✓	5887 ✓	5890 ✓
				Total 2 51,433 ✓

AVG AREA = 25,717 1/2 ✓

$$25,717 \times \frac{25.2}{3} = 216,023 \text{ Cu Yds.}$$

$$\frac{216,023}{30} = 7,201 \text{ Cu Yds per day Elapsed Time.}$$

$$\frac{216,023}{28.38} = 7,612 \text{ Cu Yds per day Digging Time.}$$

Claim Dredged - Boyle Concession.

Surface Area = 5.13 Acres.

Avg. Width of Cut = 177 Feet.

Avg Length = 1260'.

FSG

July 1939

Claims dredged - Boyle Cone.

Surface area = 6.54 Acres

Avg Width of cut = 352 Feet.

Length = 810 ✓

$$\begin{array}{r} 23535 \\ 8136 \\ \hline 31671 = 6.54 \\ 4840 \end{array}$$

$$\begin{array}{r} \text{Total CuYds} \quad 196233 \\ + 92208 \\ \hline 288441 \end{array}$$

$$\text{Avg Depth} = \frac{288441 \times 27}{(24127 + 8136) \times 9} = \frac{7787907}{290367} = 26.8 \text{ Feet}$$

$$\begin{array}{r} 23535 \\ 9 \\ \hline 211815 \end{array}$$

$$\begin{array}{r} 24127 \\ 9 \\ \hline 27143 \end{array}$$

$$\begin{array}{r} 196233 \\ 92208 \\ \hline 288441 \end{array}$$

1" = 50'

DREDGE N°2.

July 1939.

fac 4.52
 = Sq Yds
 Verrier at 39.0.

DREDGE OPERATED = 31 days.
 " DUG = 572 hrs 25 min = 23.85 days = 76.947.
 " Lost = 171 hrs 35 min = 7.15 days = 23.062.

Avg. Height of Bank = 0.6 ft.

" Depth = 23.8 "

Total Depth = 24.4 "

Total Depth in tailings = 39.0 ft.

VIRGIN.

SURFACE N°1 AREA.

0429	3355	6283	
<u>7511</u>	<u>0429</u>	<u>3355</u>	= 2924.
2918	2926	2928	

N°2 AREA.

5207	7493	9773	
<u>2924</u>	<u>5207</u>	<u>7493</u>	= 2283
2283	2286	2280	

Total = 5207 x 4.52 = 23535 Sq Yds.

BEDROCK N°1 AREA.

9794	3086	6373	
<u>6518</u>	<u>9794</u>	<u>3086</u>	= 3285
3276	3292	3287	

N°2 AREA.

1761	3940	6128	
<u>9596</u>	<u>1761</u>	<u>3940</u>	= 2184
2185	2179	2188	

Total = 5469 x 4.52 = 24720 Sq Yds.

48255
 Avg AREA 24127 2 Sq Yds.

24127 x $\frac{24.4}{3}$ = 196233 3/4 Cu Yds. $\frac{196233}{31}$ = 6330 Cu Yds per day Elapsed time. $\frac{196233}{23.85}$ = 8228 Cu Yds per day Digging time.

TAILINGS (Surface)

0511	2306	9110	
<u>8710</u>	<u>0511</u>	<u>2306</u>	= 1800 x 4.52 = 8136 Sq Yds.
1801	1795	1804	

8136 x $\frac{39.0}{3}$ = 92208 Cu Yds. $\frac{92208}{31}$ = 2974 Cu Yds per day Elapsed time. $\frac{92208}{23.85}$ = 3864 Cu Yds per day Digging time.

9304 Cu Yds per day Elapsed time.
 12094 Cu Yds " " Digging time.

3

$$\begin{array}{r} 43374 \\ 39036 \end{array}$$

$$\begin{array}{r} 43157 \\ 38843 \end{array}$$

$$\begin{array}{r} 43266 \\ 38939 \end{array}$$

Scale 1" = 50'
 Fac. 4.52 =
 Sq. yds.
 Vernier at 34

DREDGE No 2

AUGUST 1939

DREDGE operated 31 days ✓
 dug 663 Hrs. 44 min ✓ = 27.66 days ✓ = 89.21 % ✓
 lost 80 " 16 " " = 3.34 " = 10.79 % ✓

Avg. Hgt. of Bank 0.0 Feet ✓
 Depth 19.6 " ✓
 Total " 19.6 " ✓

SURFACE

(1)
$$\begin{array}{r} 7338 \\ 1789 \\ \hline 5549 \end{array} \quad \begin{array}{r} 2890 \\ 7338 \\ \hline 5551 \end{array} \quad \begin{array}{r} 8441 \\ 2890 \\ \hline 5551 \end{array} = 5550$$

(2)
$$\begin{array}{r} 0349 \\ 6300 \\ \hline 4049 \end{array} \quad \begin{array}{r} 4393 \\ 0349 \\ \hline 4044 \end{array} = 4046$$

 $9596 \times 4.52 = 43374 \text{ Sq. yds.}$

BEDROCK

$$\begin{array}{r} 8361 \\ 4425 \\ \hline 3936 \end{array} \quad \begin{array}{r} 4942 \\ 0997 \\ \hline 3945 \end{array} \quad \begin{array}{r} 8883 \\ 4942 \\ \hline 3941 \end{array} = 3941$$

$$\begin{array}{r} 6364 \\ 0754 \\ \hline 5610 \end{array} \quad \begin{array}{r} 1966 \\ 6364 \\ \hline 5602 \end{array} \quad \begin{array}{r} 7575 \\ 1966 \\ \hline 5609 \end{array} = 5607$$

 $9548 \times 4.52 = 43157 \text{ Sq yds}$
 $2 \overline{) 86531}$
 Avg. Area. 43266 ✓ - -

$43266 \times 19.6/3 = 282670 \text{ cu. yds.}$ ✓

$282670 / 31 = 9118 \text{ cu. yds per day elapsed time}$ ✓

$282670 / 27.66 = 10219 \text{ " " " running time}$ ✓

alts.

Claims. dredged - Boyle Conc
 Surface area = 8.96 acres
 Avg Width Cut = 340 Feet
 Length = 1150 ✓

DREDGE No. 2

SEPTEMBER 1939

SCALE 1" = 100'

FACTOR = 18.07

= SQ. YDS.

VERNIER AT 34

DREDGE OPERATED = 30 DAYS

" DUG = 687 HRS - 24 MIN. = 28.64 DAYS = 95.47%

" LOST = 32 " - 36 " = 1.36 " = 4.53%

AVE HEIGHT OF BANK = 0 FEET

" DEPTH = 18.5 "

TOTAL " = 18.5 "

VIRGIN

SURFACE —

6772	8741	1744
3722	6772	8741
2500	2519	2503

 $2502 \times 18.07 = 45211 \text{ Sq. Yds.} = 406899 \text{ Cu. Yds.}$

BEDROCK —

3646	6031
1249	3646
2397	2385

 $2391 \times 18.07 = 43225 = 388845$

2/4893

 $2447 \times 18.07 = 44217 \text{ Sq. Yds.} = \text{Avg. Area}$

$$\begin{array}{r} 14739 \\ 44217 \times 18.5 \\ \hline 3 \end{array} = 272671 \text{ Cu. Yds.}$$

$$\frac{272671}{30} = 9089 \text{ Cu. Yds per day elapsed time}$$

$$\frac{272671}{28.64} = 9521 \text{ digging time}$$

Claims Dredged - Boyle Cong.

Surface Area = 9.34 Acres.

Avg. width Cut = 225 Ft.

length = 1750'

DREDGE #2

OCTOBER - 1939.

SCALE 1" = 100'

Factor 18.07

= Sq Yds.

Vernier 34.0.

DREDGE OPERATED. 6 days.

" DUG 138 hrs 45 min = 5.78 days = 96.35%

" LOST 5 " 15 min = 0.22 " = 3.65%

AVG HEIGHT OF BANK. 1.3 ft.

" DEPTH. 26.8 "

TOTAL " 28.1 "

SURFACE

$$\begin{array}{r} 7595 \\ 7299 \\ \hline 346 \end{array} \quad \begin{array}{r} 7945 \\ 7595 \\ \hline 350 \end{array} \quad \begin{array}{r} 8295 \\ 7945 \\ \hline 350 \end{array} = 349 \times 18.07 = 6306.1 \text{ Sq. Yds.}$$

$$= 56754 \text{ Sq. Ft.}$$

BEDROCK

$$\begin{array}{r} 1372 \\ 1003 \\ \hline 369 \end{array} \quad \begin{array}{r} 1741 \\ 1372 \\ \hline 369 \end{array} \quad \begin{array}{r} 2109 \\ 1741 \\ \hline 368 \end{array} = 369 \times 18.07 = 6667.1 \text{ Sq. Yds.}$$

$$2 \overline{) 12974.2}$$

$$\text{AVE} = 6487.1 \text{ Sq. Yds.}$$

$$= 58383 \text{ Sq. Ft.}$$

$$\frac{6487.1 \times 28.1}{3} = 60762 \text{ CUB. YDS.}$$

$$\frac{60762}{6} = 10127 \text{ CUB YDS ELAPSED TIME}$$

$$\frac{60762}{5.78} = 10512 \text{ CUB YDS. DIGGING TIME}$$

CLAIMS DREDGED - Boyle Conc.

SURFACE AREA = 1.34 ACRES.

AVE WIDTH OF CUT = 210 Ft.

" LENGTH " " = 250 "

$$\begin{array}{r} 6667 \\ 6003 \\ \hline 56754 \\ \hline 116757 \\ \hline 58378 \end{array}$$

Scale 1" = 100'

Fac. 18.07

Sq. yds.

Vernier at 34.

DREDGE N^o 2

NOVEMBER 1939

DREDGE OPERATED 4 Days.

DUG : 92 Hrs 42 min = 3.86 days = 96.56%

LOST : 3 " 18 " = 0.14 " = 3.44%

AVERAGE HEIGHT OF BANK - 2.3 Feet

DEPTH - 26.0 "

TOTAL - 28.3 "

SURFACE

4385	4420	4453
4353	4385	4420
32	35	33

= 33 x 18.07 = 596 Sq. yds.

BEDROCK

4497	4531	4564
4464	4497	4531
33	34	33

= 33 x 18.07 = 596 "

$596 \times \frac{28.3}{3} = 5622 \text{ Cu Yds}$ Avg. Area = $\frac{21192}{3} = 596 \text{ Sq. yds.}$

$\frac{5622}{4} = 1406 \text{ Cu Yds per day. Elapsed Time.}$

$\frac{5622}{3.86} = 1456 \text{ Cu Yds " " Digging Time.}$

CLAIMS Dredged : Boyle Concession

SURFACE Area : 0.12 ACRES.

Avg width of cut 120'

" length " 45'

Scale 1" = 100'

Fac: 18.07

= sq. yds.

Vernier at 34.

DREDGE No 2.

APRIL 1940

Started Apr 23 - 2:00 pm

Lost Time Summary - Apr 23 - 7:20 a.m.

Dredge operated 8 Days.

- dug 179 Hrs. 27 min : 7.48 days = 93.46% ✓
- lost 12 " 33 " : 0.52 " : 6.54% ✓

Avg. Height of bank : 1.0 Feet ✓

- Depth 27.2 ✓

Total depth 28.2 ✓

SURFACE: $\begin{array}{r} 6798 \\ 6615 \\ \hline 183 \end{array}$ $\begin{array}{r} 6982 \\ 6799 \\ \hline 184 \end{array}$ = $184 \times 18.07 = 3325$ sq. yds.

BEDROCK: $\begin{array}{r} 7165 \\ 6995 \\ \hline 170 \end{array}$ $\begin{array}{r} 7334 \\ 7165 \\ \hline 169 \end{array}$ = $170 \times 18.07 = 3072$ ✓
 $\begin{array}{r} 216397 \end{array}$

$3199 \times \frac{28.2}{3} = 30070$ cu. yds. ✓
Avg. Area. 3199 ✓

$\frac{30070}{8} = 3759$ cu. yds. per day elapsed time

$\frac{30070}{7.48} = 4020$ ✓ running time

Claims dredged - Boyle Cone. ✓
Surface Area = 0.69 Acres. ✓
Width of cut = 210 Ft. ✓
Length " " = 110 " ✓

Scale 1"=100'
 Factor: 18.07
 = Sq Yds
 Vernier at 39.00

DREDGE #2

MAY 1940.

DREDGE OPERATED 31 days.
 DREDGE DUG 504 hrs 25 min = 21.02 days = 67.80%
 " Lost 239 hrs 35 min = 9.98 " = 32.20%

Avg Hgt of Bank = 1.6'
 " Depth = 25.4'
 Total " = 27.0'

SURFACE. 2652 3455 5913 7723
1840 2652 5107 5913
 812 803 806 810 = 808 x 18.07 = 14,601 Sq Yds

BEDROCK 4250 5053 7482 8285
3451 4250 6674 7482
 799 803 808 803 = 803 x 18.07 = 14,510 Sq Yds
 2 | 29,111
 Avg AREA 14,556 Sq Yds
 14,556 x $\frac{27.0}{3}$ = 131,004 Cu Yds

$\frac{131,004}{21.02}$ = 6232 Cu Yds. per day Digging Time.

$\frac{131,004}{31}$ = 4226 Cu Yds per day. Elapsed Time.

G.G.F. 6/3/40.

Pond Elev —
 Claims Dredged — Boyle Corp.
 Surface area — 3.02 Acres
 Avg Width Cut — 150'
 Length — 625'

Dr. lost 8.68 days acct. leak in hull.

Scale 1" = 100'
Fac 18.07 =
39 Yds
Vermer @ 340.

DREDGE # 2

June - 1940

DREDGE OPERATED - 30 days.

" DUG - 663 hrs 55 min = 27.66 days = 92.21 %
" LOST - 56 " 05 " = 2.34 " = 7.79 %

Avg Hgt. of Bank = 2.6 ft.
" Depth = 20.4 "
Total " = 23.0 "

SURFACE.

2683 5077 7477
0286 2683 5077 = 2397 x 18.07 = 43314 Sq Yds
2397 2394 2400

BEDROCK.

9756 2037 4320
7474 9756 2037 = 2282 x 18.07 = 41236 Sq Yds
2282 2281 2283
2 | 84550
Avg Area 42275 Sq Yds.

TOTAL 42,275 x $\frac{23.0}{3}$ = 324,108 Cu Yds

TAILINGS 3938 4318
3509 3938 = 430 x 18.07 =
429 430

= 7770 Sq Yds : $7770 \times \frac{23}{3}$ = 59,570 Cu Yds Tailings

VIRGIN.

264538 " " VIRGIN.

$\frac{324108}{27.66}$ = 11,717 Cu Yds per day digging Time.

$\frac{324108}{30}$ = 10,803 " " " " elapsed "

Claims dredged - Boyle Conc.
Surface area - 8.95 Acres.
Avg. Width Cut - 275 Ft.
Length - 1400 "

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

Dredge No 2

July 1940

Dredge operated 31 days

- dug 704 hrs. 23 min = 29.35 days = 94.68%

- lost 39 - 37 - = 1.65 - = 5.32%

Avg Hgt Bank = 0.5'

- Depth = 16.2'

Total - = 16.7'

Surface 1915 8264 0563 2860
 3674 1915 8264 0563
 2241 2349 2299 2297

2298 x 18.07 = 41524 Sq Yds

Bedrock 5054 7248
 2862 5054
 2192 2194

2193 x 18.07 = 39627 - -

2 | 81151

Avg Area = 40575 - -

13525
 40575 x 16.7 = 225867 Cu Yds

TRUMP

$\frac{225867}{31} = 7286$ Cu Yds. per day elapsed time.

$\frac{225867}{29.35} = 7696$ - - - running

Claims Dredged - Boyle Conc.
 Surface area = 8.58 acres
 Avg Width of cut = 200'
 - length - = 1500'

41524
 9
 373716

39627
 9
 352643

40575
 9
 365175

Scale 1" = 100'

Fac. = 18.07 = sq yds

Vernier @ 34

AUGUST 1940

DREDGE N° 2

Dredge operated 31 days ✓

✓ dug 630 hrs. 39 min ✓ = 26.28 days ✓ = 84.76% ✓

✓ lost 113 hrs 21 ✓ = 4.72 ✓ = 15.24% ✓

Flug Hgt Bank = - ✓

✓ Depth = 25.8 ft ✓

Total ✓ = 25.8 ✓

Surface

4225	6540
1910	4225
2315 ✓	2315 ✓

2315 X 18.07 ✓ = 41832 sq. yds. ✓

Bedrock.

8655	0805	2946
6511	8655	0805
2144 ✓	2150 ✓	2141 ✓

2145 X 18.07 ✓ = 38760 ✓ ✓

280592 ✓

Avg. AREA. 40296 ✓ ✓

40296 X $\frac{25.8}{3}$ ✓ = 346546 cu. yds. Total. ✓

$\frac{346546}{31}$ ✓ = 11179 cu. yds per day elapsed time ✓

$\frac{346546}{26.28}$ ✓ = 13187 cu. yds. per day running time ✓

Claims dredged : Boyle Conc.

Surface Area : 8.64 Acres.

Avg. width of cut : 225'

✓ length - - : 1525' ✓

41832
376488

38760
348840

40296
362664

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

DREDGE NO 2

SEPTEMBER 1940

DREDGE OPERATED 30 Days.

✓ dug 673 Hrs. 04 min. = 28.04 days = 93.48%
 ✓ lost 46 " 56 " = 1.96 " = 6.52%

Avg. Height of Bank = 1.3 Feet

✓ Depth = 25.8

Total ✓ 27.1

SURFACE:

1366 1819 3919
 9371 9713 1819
 1995 2106 2100

2103 x 18.07 = 38001 sq. yds.

BEDROCK:

6100 8030
 4170 6100
 1930 1930

1930 x 18.07 = 34875
 2172876

12146

36438 x 27.1/3 = 329157 cu. yds. Total

Avg. Area. 36438

$\frac{329157}{30} = 10972$ cu. yds per day elapsed time

$\frac{329157}{28.04} = 11739$ cu. yds per day running time

256

Claims dredged - Boyle Conc.
 Surface Area - 7.85 Acres.
 Avg width Cut - 230 Ft.
 length - 1450

38001
 312009

34875
 313875

36438
 329157

329157

Scale 1" = 100'

DREDGE N^o 2

OCTOBER 1940

Fac 18.07 = Sq. yds

Vernier at 34

DREDGE operated: 31 days.

dug: 699 Hrs. 09. min = 29.13 days = 93.97%.

lost: 44 ~ 51 ~ 1.87 ~ 6.03%

Avg. Hgt of Bank = 5.6 ft.

Depth. = 24.8

TOTAL = 30.4

SURFACE: $\begin{array}{r} 2846 \\ 1152 \\ \hline 1694 \end{array}$ $\begin{array}{r} 4539 \\ 2846 \\ \hline 1693 \end{array}$

$1693 \times 18.07 = 30593$ Sq. yds.

BEDROCK: $\begin{array}{r} 2239 \\ 3813 \\ \hline 1574 \end{array}$ $\begin{array}{r} 8519 \\ 6944 \\ \hline 1575 \end{array}$

$1575 \times 18.07 = 28460$

2×59053

29527

$29527 \times 30.4 / 3 = 299206$ cu. yds.

$\frac{299206}{31}$

= 9652 cu. yds per day elapsed time

$\frac{299206}{29.13}$

= 10271 cu. yds per day running time

Claims dredged: BOYLE CONC.

SURFACE Area: 6.32 Acres.

Avg. Width: 225 Feet.

Length: 1200 Feet

$\begin{array}{r} 30593 \\ 9 \\ \hline 275337 \end{array}$

$\begin{array}{r} 29527 \\ 9 \\ \hline 265743 \end{array}$

$\begin{array}{r} 28460 \\ 9 \\ \hline 256140 \end{array}$

Scale: 1" = 100'

Factor: 18.07 = Sq Yds

Vernier @ 34.0

DREDGE N° 2

November - 1945.

DREDGE OPERATED: 30 Days

" Dug: 521 hrs - 39 min = 21.74 days = 72.45%

" Lost: 198 hrs - 21 min = 8.26 " = 27.55%

Avg. Hgt. of Bank: 4.2'

Avg Depth = 24.5

Total Depth = 28.7

Surface

4252	5172	6086	
3337	4252	5172	= 916 x 18.07
915	920	914	

Bedrock

6941	7802	8659	
6081	6941	7802	= 859 x 18.07
860	861	857	

21 32 074
16 037

16037 x $\frac{28.7}{3}$ = 153,421 Cu Yds.

$\frac{153,421}{21.74}$ = 7057, Cu Yds per day Digging Time

$\frac{153,421}{30}$ = 5114, " " " " Elapsed Time

Claims dredged - Boyle Cons.

Surface Area = 3.44 Acres

Avg Width cut - 200'

✓ Length - 900'

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

DREDGE N^o 2

DECEMBER 1940

Closed down Dec. 16 - 9:15 AM.

DREDGE operated 15 Days.

✓ dug 33 $\frac{1}{2}$ Hrs 25 min = 14.14 days = 94.28 %
 ✓ lost 20' - 35' = 0.86' = 5.72 %

Avg. Height of Bank: 4.9 Feet

✓ Depth : 24.0 ✓

Total. : 28.9 ✓

Surface

3755	4219	4687
3289	3755	4219
466	464	468

✓ = 466 x 18.07 = 8420 sq. yds

Bedrock

5102	5570	6031
4637	5102	5570
465	468	461

✓ = 465 x 18.07 = 8403 - -

2 (16823)

Avg. Area = 8412 - -

8412 sq. yds x $\frac{28.9}{3}$ = ~~8136~~ ⁸¹⁰³⁶ cu. yds. Total.

~~8136~~
⁸¹⁰³⁶

15 = ~~5421~~ ⁵⁴⁰² cu. yds per day elapsed time

~~8136~~
⁸¹⁰³⁶

~~5751~~ ⁵⁷³¹ - - - - running time
 14.14

claims dredged = Boyle Concession -

Surface Area = 1.74 Acres -

Avg. length of cut = 460 Feet

✓ width of cut = 160 ✓

Scale 1" = 100'

Fac. 17.57 = Sq. yds.

Vernier at 34

DREDGE No 2

MAY 1941

Started May 6 - 2:10 pm

DREDGE operated 26 Days. Lost Time May 6 - 7:00 am.

- dug. 584 Hrs. 08 min = 24.34 days = 93.61%

- lost. 39 - 52 - = 1.66 - = 6.39%

Avg. Height of Bank. = 4.7 Feet

- Depth. = 24.2 -

Total. = 28.9 -

SURFACE

0818
0036

1598
0818

2376
1598

782

780

778

= 780 x 17.57 = 13705 Sq. yds

BEDROCK

3264
2433

4096
3264

4922
4096

831

832

826

= 830 x 17.57 = 14583 -

2 | 28288

Avg. Area. 14144 -

14144 x 28.9/3 = 136254 Cu. yds.

109.032

136254

26

= 5241 Cu. yds per day elapsed time

136254

24.34

= 5598 - - - - running time

66

Claims dredged - Boyle Concession

Surface Area = 4.83 Acres

Avg Width Cut = 250 Ft.

✓ Length = 540 -

14144

9

157296

$$\begin{array}{r} 8644 \\ 9 \\ \hline 77796 \end{array}$$

$$\begin{array}{r} S. \\ 58094 \\ 9 \\ \hline 522846 \\ 77796 \\ \hline 170050 \end{array}$$

$$\begin{array}{r} BIP \\ 27040 \\ 9 \\ \hline 243360 \\ 77796 \\ \hline 165564 \end{array}$$

$$\begin{array}{r} Avg \\ 27567 \\ 9 \\ \hline 248103 \\ 77796 \\ \hline 170307 \end{array}$$

Claims dredged - Boyle Concession
 Surface Area - 5.8 Acres.
 Avg Width of Cut - 160 Ft.
 Length - 950 -

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

Dredge No 2

June 1941

Dredge operated 30 days ✓
 - dug 681 hrs. 41 min = 28.40 days = 94.68 % ✓
 - lost 38 " 19 " = 1.60 " = 5.32 % ✓
 Avg. Hgt. Bank = 5.7 Ft. ✓
 - Depth = 23.5 " ✓
 Total = 29.2 " ✓

Surface

9007	0606	2205
7143	9007	0606
1864 ✓	1599 ✓	1599 ✓

$$1599 \times 17.57 = 28094 \text{ Sq. Yds.}$$

Bedrock

3971	5510	7047
2430	3971	5510
1541 ✓	1539 ✓	1537 ✓

$$1539 \times 17.57 = 27040 \text{ ✓}$$

$$\sqrt{55134} \text{ ✓}$$

$$\text{Avg Area} = 27567 \text{ ✓}$$

248103

$$27567 \times \frac{29.2}{3} = 268319 \text{ Cu. Yds.}$$

$$\frac{268319}{30} = 8944 \text{ Cu Yds per day elapsed time}$$

$$\frac{268319}{28.40} = 9448 \text{ running}$$

Tailings Area

7985	8476	8970
7493	7985	8476
492 ✓	491 ✓	494 ✓

$$492 \times 17.57 = 8644 \text{ Sq. Yds.}$$

7796

$$8644 \times \frac{29.2}{3} = 84135 \text{ Cu Yds.}$$

$$268319 \text{ Total Cu Yds}$$

$$- 84135 \text{ Cu. Yds Tailings}$$

$$= 184184 \text{ ✓ - Virgin}$$

dep

$$\begin{array}{r} 30941 \\ 9 \\ \hline 278469 \end{array}$$

$$\begin{array}{r} 30185 \\ 9 \\ \hline 271665 \end{array}$$

$$\begin{array}{r} 30563 \\ 9 \\ \hline 295067 \end{array}$$

1" = 100'
 Vat 34
 Fac = 17.57 = Sq. Yds.

Dredge No. 2

July 1941

Dredge operated 31 days.

dug 618 hrs 07 min = 25.75 days = 83.08 %
 lost 125 " 13 " = 5.25 " = 16.92 %

Avg Hgt. Bank = 1.6 Feet

Depth = 28.2

Total = 29.8

Surface Area

6940	8704	0465
✓179	6940	8704
1761	1764	1761

1761 × 17.57 = 30941 5/8

Bedrock Area

2139	3858	5584
0422	2139	3858
1717	1719	1726

1718 × 17.57 = 30185
 ✓(61126)

Avg Area = 30563

30563 × $\frac{29.8}{3}$ = 303592 Cu. Yds.

$\frac{303592}{31}$ = 9793 Cu. Yds. per day elapsed time

$\frac{303592}{25.75}$ = 11790 - - - - - running dred

Claims dredged - Boyle Conc.

Surface Area - 6.39 Acres.

Avg Width Cut - 300'

Length - 800'

1" = 100'

Vernier @ 34.0

17.57 = Sq Yds.

DREDGE N^o 2

August 1941

DREDGE OPERATED = 31 days.

" DUG = 573 hrs. 24 min = 23.89 days = 77.07 %

" LOST = 170 hrs 36 min = 7.11 days = 22.93 %

AVG HGT OF BANK = 0.4 ft.

" DEPTH = 31.2 "

TOTAL DEPTH = 31.6 "

SURFACE:

1684 3162 4631

0212 1684 3162 = 1470 x 17.57 sq Yds = 25,828 Sq Yds

1472 1478 1469

BEDROCK:

5983 7347 8710

4406 5983 7347 = 1364 x 17.57 sq Yds = 23,965 Sq Yds

11377 1364 1363

2 | 49793

AVG AREA 24897 Sq

$\frac{8299}{24897} \times \frac{31.6}{2} = 262,248$ Cu Yds TOTAL

$\frac{262,248}{31} = 8460$ Cu Yds Per day Elapsed Time

$\frac{262,248}{23.89} = 10977$ Cu Yds Per day Digging Time

Claims dredged - Boyle Conc.

Surface area - 5.34 Acres.

Avg Width of cut - 280 Ft.

Length - 900

25828 23965 24897
9 9 9
232422 212685 224073

1" = 100'

Vernier @ 34.0

17.57 = Sq Yds

DREDGE #2

SEPTEMBER 1941

DREDGE OPERATED = 30 days.

" DUG = 668 hrs 38 min. = 27.86 days = 92.87 %

" LOST = 51 " 22 " = 2.14 " = 7.13 %

AVE HGT OF BANK = 3.7 ft.

" DEPTH = 34.0 "

TOTAL DEPTH = 37.7 "

SURFACE: $\frac{2030}{0308} \frac{3752}{2030} = 1722 \times 17.57 = 30,256$ Sq Yds

BEDROCK: $\frac{5365}{3807} \frac{6923}{5365} = 1558 \times 17.57 = 27,374$ " "

2 | 57 630

Avg. Area. 28,815 Sq Yds.

⁹⁶⁰⁵
 $28,815 \times 37.7/3 = 362,108$

$\frac{362,108}{30} = 12,070$ Cu Yds Per Day. Elapsed Time.

$\frac{362,108}{27.86} = 12,997$ Cu Yds Per Day. Digging Time.

Claims dredged - Boyle Conc.
Surface Area - 6.25 Acres.
Avg Width Cut - 230 ft.
Length - 1000 "

30256	27374	28815
9	9	9
272304	246366	259335

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

DREDGE N^o 2

OCTOBER 1941

DREDGE OPERATED 31 DAYS

~ DUG 480 Hrs. 02 min. = 20.0 days. = 64.52 %
 LOST 263 ~ 58 ~ = 11.0 ~ = 35.48 %

AVG HEIGHT of BANK: 4.6 Feet

~ DEPTH : 37.1 ~

TOTAL DEPTH : 41.7 ~

<u>SURFACE</u>	$\frac{1785}{0724}$	$\frac{2847}{1785}$	$\frac{3908}{2847}$
	1061	1062	1061

= 1061 x 17.57 = 18642 Sq. yds.

<u>BEDROCK</u>	$\frac{4807}{3850}$	$\frac{5766}{4807}$	$\frac{6723}{5766}$
	957	959	957

= 958 x 17.57 = 16832

2 | 35474

Avg. AREA 17737

^{13.9}
 $17737 \times \frac{41.7}{3} = 246544$ Cu. Yds TOTAL.

246544

31

= 7953 Cu. Yds. per day Elapsed Time

246544

20.0

= 12327 ~ ~ ~ ~

Running Time

Claims dredged - Boyle Conco.

Surface Area - 3.85 Acres

Avg. Width Cut - 260 Ft.

Length - 450 ~

$\frac{18642}{9}$
 164778

$\frac{16832}{9}$
 151488

$\frac{17737}{9}$
 159633

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

Dredge No 2

November 1941

Shutdown Nov 17 - 8:45 a.m.

Dredge operated γ L Days. For Last Time Nov 27 - 7:00 a.m.

✓ dug 435 hrs 30 min = 18.15 days = 69.79 γ ✓

✓ lost 188 γ 30 γ = 7.85 γ = 30.71 γ ✓

Avg Hgt. of Banks = 4.4 ft ✓

Depth = 16.3 ✓

Total = 32.7 ✓

SURFACE: $\begin{array}{r} 0612 \\ 9776 \\ \hline 836 \end{array}$ $\begin{array}{r} 1447 \\ 0612 \\ \hline 835 \end{array}$ = $836 \times 17.57 = 14688$ Sq Yds ✓

BEDROCK $\begin{array}{r} 2413 \\ 1648 \\ \hline 765 \end{array}$ $\begin{array}{r} 3176 \\ 2413 \\ \hline 763 \end{array}$ = $764 \times \sim = 13423$ ✓

~ 28111 ✓

Avg Area = 14050 ✓

$14050 \times \frac{32.7}{3} = 153145$ Cu Yds ✓

$\frac{153145}{26} = 5890$ Cu Yds per day elapsed time ✓

$\frac{153145}{18.15} = 8438$ running ✓

Claims dredged - Boyle Conc ✓

Surface Area = 3.03 Acres ✓

Avg Width of cut = 410 ✓

Length = 600 ✓

J.C.C.

$\begin{array}{r} 14688 \\ 9 \\ \hline 132192 \end{array}$

$\begin{array}{r} 13423 \\ 4 \\ \hline 120807 \end{array}$

$\begin{array}{r} 14050 \\ 9 \\ \hline 126450 \end{array}$

Dredge No 2 -

April 1942

$1'' = 100'$
Fac = 17.57
= 56 Yds.

Dredge operated 1 day

- dug 16 hrs 50 min = 0.7 days = 70.14 %

- lost 7 - 10' = 0.3' = 29.86 %

Avg Hgt Bank = 4.4 Ft.

- Depth = 28.3'

Total = 32.7'

Started operating Apr. 30 - 1:45 PM

Lost time Apr. 30 - 7:00 AM

Area = 367 Sq. Yds

$$367 \times \frac{10.9}{3} = 4000 \text{ Cu. Yds}$$

$$\frac{4000}{1.0} = 4000 \text{ Cu. Yds. per day elapsed time}$$

$$\frac{4000}{0.7} = 5714 \text{ running time}$$

Claims dredged - Boyle Concession

Surface Area - 0.07 Acres

Avg Width cut - 240 Ft

Length - 12'

$$\begin{array}{r} 367 \\ 9 \\ \hline 3303 \end{array}$$

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

DREDGE N^o 2

MAY 1942

Dredge operated 31 Days.

dig 693 Hrs. 08 min. = 28.88 days = 93.16 %

lost 50 - 52 = 2.12 = 6.84 %

Avg. Height of Bank = 2.1 Feet

Depth 29.4

Total 31.5

Surface - $\begin{array}{r} 5900 \\ 4603 \\ \hline 1297 \end{array}$ $\begin{array}{r} 7208 \\ 5900 \\ \hline 1308 \end{array}$ $\begin{array}{r} 8515 \\ 7208 \\ \hline 1307 \end{array}$ = 1307' x 17.57 = 22964 Sq Yds

Bedrock - $\begin{array}{r} 9826 \\ 8585 \\ \hline 1241 \end{array}$ $\begin{array}{r} 11069 \\ 9826 \\ \hline 1243 \end{array}$ = 1242' x 17.57 = 21822 Sq Yds

2 44786

Ave AREA = 22393 Sq Yds

$22393 \times \frac{105}{3} = 235127$ Cu. Yds

$\frac{235127}{31} = 7585$ CU. YDS PER DAY ELAPSED TIME

$\frac{235127}{28.88} = 8142$ RUNNING TIME

CLAIMS DREDGED = BOYLE CONCESSION

SURFACE AREA = 4.74 ACRES

Ave WIDTH OF CUT = 270

" LENGTH = 700

J.C.C.

$\begin{array}{r} 22964 \\ 9 \\ \hline 206676 \end{array}$ $\begin{array}{r} 21822 \\ 9 \\ \hline 196398 \end{array}$ $\begin{array}{r} 22393 \\ 9 \\ \hline 201537 \end{array}$

Scale 1" = 100'

Fac. 17.57

= Sq. yds

DREDGE N^o 2

JUNE 1942

DREDGE operated 30 Days

dug 669 Hrs. 18 min. = 27.89 Days = 92.96%
lost 50 - 42 - 2.11 - 7.04%

Avg. Height of Bank = 5.9 Feet

Depth

30.7

Total

36.6

SURFACE

7132 8136
5624 8649
1508 1507

8649
7132
1517

= 1511 x 17.57 = 26548 SQ. Yds.

BEDROCK

2350 3775
0920 2350
1430 1425

5197
3775
1422

= 1426 x 17.57 = 25055 SQ Yds

Ave AREA =

2 | 51603

25802 SQ Yds

25802 x $\frac{36.6}{3}$ = 314784 TOTAL CU. YDS

314784
30

25802
30

10493

8601

CU. YDS PER DAY ELAPSED TIME

314784
27.89

25802
27.89

11287

9251

DIGGING TIME

CLAIMS DREDGED = BOYLE CONCESSION

SURFACE AREA = 5.49 ACRES.

AV WIDTH OF CUT = 315'

✓ LENGTH ✓ ✓ = 700

26548
9
238932

25055
9
225495

25802
9
232218

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

DREDGE N^o 2

JULY 1942

Dredge operated 31 Days

✓ dug 672 Hrs - 58 Mins = 28.04 Days = 90.45%
 ✓ lost 71 - - 02 ✓ = 2.96 ✓ = 9.55%

Avg. Height of Bank = 0.7 Ft.
 - Depth = 33.4 ✓
 Total - = 34.1 ✓

SURFACE -

$\frac{2587}{0644}$ $\frac{4532}{2587}$
 1943 ✓ 1945 ✓

1944 X 17.57 = 34156 Sq Yds

BEDROCK -

$\frac{6302}{4504}$ $\frac{8100}{6302}$
 1798 ✓ 1798 ✓

1798 X 17.57

$\frac{31591}{2165747}$ ✓ ✓

AVE AREA = 32873 Sq Yds

$32873 \times \frac{34.1}{3} = 373,656$ Cu Yds

$\frac{373,656}{31} = 12,053$ ✓ Cu Yds PER DAY ELAPSED TIME

$\frac{373,656}{28.04} = 13,326$ ✓ - - - DIGGING ✓

CLAIMS DREDGED - BOYLE CONCESSION

SURFACE AREA = ~~6.79~~ ACRES 7.06

AV. LENGTH OF CUT = 1000 Ft.

✓ WIDTH ✓ ✓ = 340 Ft.

$\frac{34.1 \times 6}{9}$ $\frac{31591}{9}$ $\frac{32873}{9}$
 307404 284319 295819 ✓

SCALE 1"=100'

FACTOR 17.57

VERNIER @ 34

DREDGE N° 2

AUG 1942

DREDGE OPERATED 31 DAYS

✓ DUG 693 HRS 0 MINS = 28.87 DAYS = 93.15 %

✓ LOST 51 ✓ 0 ✓ = 2.13 ✓ = 6.85 %

AVE HEIGHT OF BANK = 0.5'

✓ DEPTH = 36.0'

TOTAL DEPTH = 36.5'

SURFACE — $\frac{5928}{4402} \frac{7454}{5928}$ ✓

= 1526 X 17.57 = 26797⁸¹²

BED ROCK — $\frac{8847}{7422} \frac{0278}{8847} \frac{1704}{0278}$ ✓

= 1427 X 17.57 = 25058⁷²

2 | 51855 51884

Avg. Area = 25928⁷⁵⁹⁴² sq. yds

25928⁴² X 36.5 / 3 = 315457⁶²⁸ cu. yds. Total.

315457⁶²⁸
31

= 10176⁸¹ cu. yds per day elapsed time

315457⁶²⁸
28.87

= 10927³² ✓ ✓ ✓ ✓ running time ^{app}

CLAIMS DREDGED - BOYLE CONCESSION

SURFACE AREA = 5.54 ACRES

AVE WIDTH OF CUT = 365 FT.

✓ LENGTH ✓ ✓ = 650 ✓

26812
9

241308

25072
4

225248

25947
1

233478 ✓

Scale 1" = 100'

Fac. 17.57 sq. yds.

Vernier at 34

DREDGE No 2

SEPTEMBER 1942

DREDGE OPERATED: 30 Days.

✓ DUG : 670 Hrs. 45 min = 27.95 Days = 93.16 %

✓ LOST : 49 - 15 - = 2.05 - = 6.84 %

✓ AVG. HEIGHT of BANK = 2.1 Feet

DEPTH = 34.2 ✓

TOTAL. - = 36.3 ✓

SURFACE

5270

6588

7913

3946

5270

6588

1324

1318

1325

✓ 1324 X 17.57 = 23263 sq. yds

BEDROCK

9179

0421

1662

7981

7179

0421

1248

1242

1241

✓ 1242 X 17.57 = 21822

2145085

AVG AREA

22543 ✓ ✓

22543 X 36.3/3 = 272770 cu. yds Total.

272770

30

= 9092 cu. yds per day elapsed time

272770

27.95

= 9759 cu. yds per day running time

Claims dredged - Boyle Conc.

Surface Area - 4.80 Acres

Avg Width Cut - 350 Ft.

✓ Length - 570 ✓

23263
9

209367

21822
9

196398

21543
9

202887

1" = 100'

Fac = 17.57 = Sq. Yds.
Vernier 34

Dredge No 2.

October 1942

Dredge operated 23 days ✓

- dug 517 hrs 27 min = 21.56 days = 93.74 % ✓

- lost 34 - 33 ✓ = 1.44 - = 6.26 % ✓

Avg Hgt. Bank = 10.7 Ft. ✓

- Depth = 88.8 ✓

Total = 39.5 ✓

Surface

3181	3135
1226	2181
955	954

955 x 17.57 = 16779 ✓ Sq. Yds.

Bedrock

4013	4855
3172	4013
841	842

842 x 17.57 = 14794 ✓

2 | 31573 ✓

Avg. Area = 15786 ✓

5262
15786 x 39.5 = 207849 ✓ Cu. Yds.
3

207849
23 = 9037 ✓ Cu. Yds. per day elapsed time.

207849
21.56 = 9640 ✓ - - - running ✓

Claims dredged = Boyle Conc. ✓

Surface area = 3.47 Acres. ✓

Avg. Width of cut = 210 Ft.

- Length - = 710 ✓

16779	14794	15786
9	9	9
151011.	133146	142074

Note - H² finished digging Oct 24 - 7:00 PM - operated
1.67 days longer digging shell for dismantling -
finished digging shell Oct 25 - 11:00 pm.

				official	Shutdown
#6	-	7 a.m.	Nov 2	(1)	dates
#7	-	-	Nov 4	(3)	
✓ #8	-	-	Nov 8	(7)	
9	-	-	Nov 4	(3)	
✓ 10	-	-	Nov 11	(10)	
✓ 5	-	-	Nov 20	(19)	
✓ 11	-	✓	Nov 20	(19)	

Dr #2

Shut down 12:45 AM Nov 2 - Start 5:45 AM
Nov 2

Stop 7:30 AM Nov 2 Start 11:00 AM Nov 8

Power

140 hrs ✓

Ladder

24 hrs ✓

Dr #3

Stop Nov 2 - 10:00 AM Start Nov 6
7:20 PM.

105 hrs 20 min ✓

Dr #5

Stop Nov 2 - 3: PM Start Nov 5 - 12:50
PM.

69 hrs. 50 min ✓

Dr #6

Stop Nov 2 - 3:15 PM -

Dit 7

Stop Nov 2 - 3:00 pm Start Nov 3 - 4:15 am
Stop Nov 3 - 7:45 am Start Nov 3 - 3:00 pm.
Stop Nov 4 - 3:15 am Start Nov 4 - 10:10 am.
Stop for season Nov 4 - 1:00 pm.

27 hrs 25 min. ✓

Dit #8

Stop Nov 2 - 3:00 pm. Start Nov 4 - 2:00 pm
Stop for season Nov 8 - 11:00 A.M.
47 hrs. ✓

Dit 9

Stop 5:05 pm Nov 2 Start Nov 3 - 4:20
Stop Nov 3 - 7:00 AM Start Nov 3 - 4:00
Stop Nov 4 - 3:15 PM. Start Nov 4 - 10:15
Stop for season Nov 4 - 11:45 A.M. AM

27 hrs - 15 min ✓

Dit# 10

Stop Nov 2 - 7:15 am

Start Nov 2 - 10:40
am

Stop Nov 2 - 3:00 pm

Start Nov 5 - 4:20
p.m.

74 hrs - 45 min ✓

Dit# 11

Stop Nov 2 - 3:15 pm

Start Nov 5
8:00 pm

76 hrs 45 min ✓

Repeat Stock No. 7464

Page.....

Ruling.....

W.C.....

W.S.....

Blank Books

Loose Leaf



Filing Devices

In Wood or Steel

Complete Office Outfitters





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