MADE IN
CANADA

No.
1740

SIZE
12¼ X 10 INCHES

COLUMNAR BOOKS

MADE IN THE FOLLOWING RULINGS AND THICKNESSES

2 COLUMNS to right, Single Page Form
3 " " " " " "
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8 " " " " " "
10 " " " Double " "
12 " " " " " "
14 " " " " " "
16 " " " " " "
18 " " " " " "
20 " " " No Particular Space
Feint
Quadrille

150 PAGES
300 "

TO DUPLICATE THIS BOOK ORDER NO. 1740 STATING RULING AND THICKNESS WANTED

THE CLARKE & STUART CO. LIMITED
COMMERCIAL STATIONERS AND PRINTERS
PHONE TRINITY 1341 VANCOUVER, B.C.

MADE IN CANADA



Season 1945 - Or #7 Estimate - 156 days

△ No	Part of All	Area Sq. Ft	Muck Cu Yds.	O.S. Cu. Yds	Value $
56	P	1423	369	458	421
57	P	3794	983	1024	1389
58	P	7905	2340	2253	1510
67	P	40948	10155	14086	5037
69	P	474	158	170	54
70	P	29576	8426	10939	3489
71	P	64663	27999	27094	4268
72	P	17391	6626	7078	1965
80	P	18023	6002	7804	1568
81	P	74307	39383	32175	6911
82	P	18340	10197	7263	1302
84	P	22134	16645	10093	2058
85	P	42371	22592	19321	5169
86	P	53796	23207	24440	6164
87	P	47430	11763	24047	6261
88	P	13913	—	5663	946
100	P	20237	7710	7488	3562
101	P	3905 1	22689	19225	4959
		55555	220244	220648	57033

Less Writeoff 133795

86449

+ 3' extra depth 57285

277933

Add 3' to O.S.

1624 1611 9		1633 1624 9		9 x 158.1
	1646 1622 24		1669 1646 23	24 x
1779 1679 100		1779 1779 0		0 x
	2032 1773 259		2291 2032 259	259 x
2306 2302 4	2569 2382 187	2308 2304 4	2479 2297 182	3 x 187 x
2685 2277 408	3490 3180 310	3281 2871 410	3400 3290 110	409 x 110 x
3842 3729 113	4059 4583 470	3957 3842 115	4429 4059 370	114 x 470 x
5383 5266 117	4980 4842 138	5498 5383 115	5121 4980 141	116 x 140 x
5390 5121 269	5700 5432 268	5657 5390 267	5839 5700 139	278 x 339 x
6999 6700 299	7390 7302 88	7300 6999 301	7478 7390 88	300 x 88 x
6882 6755 127	7311 7111 200	7010 6882 128	7606 7359 247	128 x 247 x
	248		247	

1" = 100'
Fac = 1458.1
= Sq. Ft.

Dredge No. 7 - 1945 Estimate - Au 38[illegible]

Estimated Muck dredged = 86449 Cu. Yds.
" D.S. " = 277933 " "
" Total " = 364382 " "

Estimated Recovery @ 20[illegible] = 57033
" Premium = 49048
" Total Recovery = 106081

Estimated value per Cu. Yd = $\frac{10608100}{364382}$ = 29.1 ¢
" " " Sq. Ft. = $\frac{10608100}{1458765}$ = 20.6 ¢

Estimated Total Depth = $\frac{364382 \times 27}{1458765}$ = 19.1 Feet.
" Depth Muck = $\frac{86449 \times 27}{1458765}$ = 4.5 "
" " D.S. = $\frac{277933 \times 27}{1458765}$ = 14.6 "

Note - In addition to this estimate No. 7 re-dug 37048 Cu. Yds of Tailings at no estimated value - (Area = 59760 Sq. Ft.)

Season 1945 - Dr. #11 Estimate -186 days.

Δ No	Part of All	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $
386	P	47,272	2855	23967	10,589
387	P	158	94	76	24
388	P	1739	1115	902	176
391	A	75730	5971	26051	7270
392	A	35414	24542	15724	4073
393	A	47,588	34739	24698	4664
394	P	28616	19831	17713	4350
398	P	18498	14595	4791	1448
399	P	52963	37868	20179	14618
400	A	53280	40066	28984	18,541
401	P	30988	26061	21010	13635
405	P	11857	6011	6284	1435
406	P	47,272	31,530	20989.	13614
407	P	38734	30,561	21962	15455
408	P	36837	34111	23612	17719
409	P	20,55	2108	1348	680
		529001	391535	258290	176991
Less Write off			203163		+109212 Prem.
			188372		236203
+1' extra depth				19593	
				277883	

Add 1' to D.S. Depth.

4709 / 4410			5007 / 4709		299 × 18.1
299	5008 / 5007		298	5009 / 5008	1 ×
5019 / 5008	1	5030 / 5019		1	11 ×
11	7627 / 7148	11		8105 / 7627	479 ×
8598 / 8374	479	8821 / 8598		478	224 ×
224	9117 / 8817	223		9419 / 9117	301 ×
9597 / 9415	300	9776 / 9597		302	181 ×
182	1855 / 1738	179		1971 / 1855	117 ×
2198 / 1863	117	2534 / 2198		116	335 ×
335	3734 / 3396	336		3068 / 2732	337 ×
4620 / 4427	337	4820 / 4620		336	196 ×
193	4440 / 4368	200		4517 / 4440	75 ×
4777 / 4475	72	5072 / 4777		77	299 ×
302	5307 / 5061	295		5551 / 5307	244 ×
6343 / 6107	246	6576 / 6343		244	233 ×
236	6555 / 6542	233		6577 / 6565	13 ×
	13			12	

Tailings Area - Actual

Sq. Ft.	Cu. Yds
313893	34804

Total Area

	Sq. Ft.	Cu. Yds.
Virgin	529001	466255
Tailings	313893	34804
	842894	816059

1" = 100'
Fac. = 48.1
= Sq. Ft.

Dredge No. 11 - 1945 Estimate - Au. 38 [illegible]

Estimated Muck dredged	= 188372	Cu. Yds.
" D.S. "	= 277883	✓
Actual Tailings "	= 349804	✓
Estimated Total "	= 816059	✓
Estimated Recovery @ 20[illegible] - Virgin Area	= $126991	
" Premivin - - -	= 109212	
" Total Recovery - -	= $236203	
Estimated Recovery - Tailings Area 349804 Cu. Yds. @ Nil	= $52471	
Estimated Total Recovery - Virgin + Tails.	= $288674	
Estimated value per Cu. Yd. = $\frac{288674}{816059}$	= 35.4 ¢	
Estimated value per Sq. Ft. = $\frac{288674}{84789}$	= 34.2 ¢	
Estimated Total Depth = $\frac{816059 \times 27}{84789}$	= 26.1 Ft.	
Estimated Avg. Depth Muck = $\frac{188372 \times 27}{84789}$	= 6.0 ✓	
Estimated Avg. Depth D.S. + Tails = $\frac{627687 \times 27}{84789}$	= 20.1 ✓	

Season 1945 - Dr. #3 Estimate - 188 days - Au 38 52

Days	Avg. Area Sq. Ft.	Avg. Depth Ft.	Total Cu. Yds.	¢ per Sq. Ft.	¢ per Cu. Yd.	Gross Recovery
188	1063477	36.9	1453709	25.4	18.6	270207

Note - These figures are based on ground actually dredged with a value of 10¢ per Cu. Yd. Au @ 20 67

Season 1946 - Dr. #3 - Estimate for R/E - Aug. 3rd - 191 Days

△ No.	Part of Fill	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $
13	P	3795	1545	3514	307
14	F	407962	146458	373285	38551
15	P	10689	4305	9602	6307
16	P	151167	76641	119270	9977
26	P	20872	8495	17783	1750
27	P	105627	63799	91156	9597
28	P	126500	64135	117139	3162
29	P	107522	64944	87633	3441
30	P	130295	102803	112444	9511
42	P	3162	1404	2843	82
		1163797	573730	1070769	89844
				+	61993
					151838

Premium @ 35¢

Dredge № 3 - 1946 Estimate - 44.35¢

Estimated Muck dredged = 573730 Cu Yds.
" D.5. " = 10x0769 ✓
" Total " = 1594499 ✓

Estimated Recovery @ 20¢ = 89845
Premium @ 35¢ = 61993
Estimated Total Recovery = $151838

Estimated value per Cu Yd. = 151838.00 / 1594499 = 9.5 ¢

Estimated value per Sq. Ft. = 151838.00 / 1163797 = 13.0 ¢

Estimated Total Depth = 1594499 x 27 / 1163797 = 37.0 Ft.

Estimated Depth Muck = 573730 x 27 / 1163797 = 13.3 ✓

Estimated Depth D.5. = 10x0769 x 27 / 1163797 = 23.7 ✓

Dredge № 4 - 1946 Estimate

Days Run	Area Sq. Ft.	Total Cu. Yds.	Depth Ft.	¢ per Cu. Yd.	¢ per Sq. Ft.	Gross $
174	498339	1426433	77.3	14.0	40.1	199701

Yardage is actual yardage dug at an estimated 14¢ per cu. yd.

Season 1946 - Dredge #7 Estimate for R/E - Av. 25°° = - 118 days.

△ No.	Part of All	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $
84	P	24822	1866	11319	2308
84A	P	3146	24480	11987	1133
100	P	6956	2650	2574	1744
101	P	17174	7073	6002	1546
102	P	35889	25266	14412	9295
102A	P	25809	27260	28965	8929
102B	P	29249	33256	12987	1141
103	P	16126	7160	5967	5386
120	P	2534	1024	1433	653
121	P	36363	17091	13454	7891
122	A	21344	16371	8687	3116
122A	P	24031	24963	11295	3845
122B	P	29565	33172	14669	4937
123	A	22766	17712	9226	4576
123A	P	28478	30564	15083	6261
123B	P	6324	7424	2972	291
124	P	43636	19374	15664	9774
125	P	34940	12928	14640	8560
144	P	10909	6065	6065	2782
144A	P	3478	3002	2229	887
142B	P	7747	7832	4795	1797
		487582	380333	215266	86332
					+59569 Premium
Less Writeoff			331636		145901
			48697		
+3'e extra				54176	
				269442	

Dredge #7 - 1946 Estimate - Aug. 25th

Estimated Muck dredged	=	48697 Cu. Yds
" D.S. "	=	269447 "
" Total "	=	318139 "

Estimated Recovery @ 70¢	=	86337
Premium @ 35%	=	59569
Estimated Total Recovery	=	$145901

Estimated value per Cu. Yd. = $\frac{14590100}{318139}$ = 45.9 ¢

" " " Sq. Ft. = $\frac{14590100}{487587}$ = 29.9 ¢

Estimated Total Depth = $\frac{318139 \times 7}{487587}$ = 17.6 Ft.

" Depth Muck = $\frac{48697 \times 7}{487587}$ = 2.7 "

" " D.S. = $\frac{269447 \times 7}{487587}$ = 14.9 "

In addition to this estimate #7 redug 28231 Cu. Yds of Tailings at no estimated value. - Area = 40329 Sq. Ft.

Season 1946 - Dredge N° 8 Estimate for R/E Au. 35°°

183 days.

△ N°	Part or All	Area Sq. Ft	Muck Cu. Yds	D. S. Cu. Yds	Value $
541	P	4269	2421	2164	435
542	P	300	167	163	60
543	P	2372	1433	1053	467
546	P	22608	28712	5855	656
547	P	26087	24444	7722	2009
548	P	63082	53052	21006	10598
549	P	45533	29870	18031	8651
550	A	70000	45920	28490	12460
551	P	44110	27304	18482	3882
552	P	3162	1837	1486	180
554	P	16601	8799	8799	1212
555	P	53912	31323	27980	11322
556	A	70560	47064	31329	19968
557	A	75000	54750	38025	24225
558	A	74045	66641	30136	14587
559	A	72500	75980	28710	11890
560	P	59446	78588	16942	5172
561	P	16284	18515	8028	1124
562	P	18498	22605	10063	2423
563	P	9012	13455	3668	1568
564	P	41738	47456	19617	7930
565	P	8537	9263	4012	1315
566	P	42055	34737	20733	10640
567	P	7905	5360	4482	2553
568	P	791	390	519	253
		848407	730086	357495	155580
					+ 107350 Premium
					262930

Less Writeoff 690574
39512

+2' extra 62845
420340

Dredge No 8 - 1946 Estimate - Au. 35°°

Estimated Muck dredged	=	39512	Cu. Yds.
✓ D.S. ✓	=	420340	✓ ✓
✓ Total ✓	=	459852	✓ ✓

Estimated Recovery @ 20⁶⁷	=	155580
Premium @ 35°°	=	107350
Estimated Total Recovery	=	$ 262930

Estimated Value per Cu. Yd. = $\frac{26293000}{459852}$ = 57.2 ¢

✓ ✓ ✓ Sq. Ft. = $\frac{26293000}{848407}$ = 31.0 ¢

Estimated Total Depth = $\frac{459852 \times 27}{848407}$ = 14.6 Ft.

✓ Depth Muck = $\frac{39512 \times 27}{848407}$ = 1.3 ✓

✓ ✓ D.S. = $\frac{420340 \times 27}{848407}$ = 13.3 ✓

Season 1946 - Dredge N° 10 Estimate for R/E Au. 35°°
184 days.

Δ N°	Part or All	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $
93	P	29981	14373	11833	2570
93A	P	44584	19795	11547	45
93B	P	17707	7419	3931	761
93C	P	1581	685	427	134
94	P	37786	9787	226	3703
94A	P	1107	29	575	34
95	P	30830	14829	15199	3669
96	P	9486	5625	3975	1375
97	P	1423	649	616	88
99	P	4743	3216	2813	299
100	P	5692	3017	2465	188
101	P	24031	6488	11847	1057
102	P	6956	3088	2831	243
103	P	43952	16746	25536	5626
104	P	27826	7930	18866	3590
105	P	7747	658	4966	837
106	P	20079	5723	9156	2068
107	A	49600	18898	25147	5307
108	A	49980	14244	29638	5548
109	A	49980	20342	20942	4898
110	A	44880	14945	22126	5565
111	P	27826	16167	14108	3701
112	P	7589	5062	5062	622
113 + Out	P	32252	27833	13965	4419
114	A	25795	14032	17489	5469
115	A	40172	13377	22336	7271
116	A	47690	17645	27708	4721
117	A	48800	26547	11370	586
118	A	44100	26151	8644	573
118A	P	3004	1445	700	84
119	P	15652	5963	5791	3036
120	P	38893	22597	12951	7545
121	P	38260	24525	16031	10904
122	P	49169	23650	30976	9391
123	P	20711	13048	15347	4950
124	P	27984	20428	19393	4981
125	P	5534	4449	1987	465
125A	P	5850	5049	2100	298
125C	P	3478	3864	1416	219
		992610	460318	452036	116840
					+ 80620 Premium
					197460

Add 2' fo. DS. Depth

460318
Less Writeoff 257131
203187 452036
+2' Extra 73527
525563

Dredge Nº 10 - 1946 Estimate Au. 35 ²⁰

Estimated Muck Dredged = 203187 Cu. Yds.
✓ D.S. ✓ = 525563 ✓ ✓
✓ Total ✓ = 728750 ✓ ✓

Estimated Recovery @ 20 ⁶⁷ = 116840
Premium @ 35 ²⁰ = 80620
Estimated Total Recovery = $ 197460

Estimated Value per Cu. Yd. = $\frac{19746000}{728750}$ = 27.1 ¢ ✓

✓ ✓ ✓ Sq. Ft. = $\frac{197460}{992610}$ = 19.9 ¢ ✓

Estimated Total Depth = $\frac{728750 \times 27}{992610}$ = 19.8 Ft. ✓

✓ Depth Muck = $\frac{203187 \times 27}{992610}$ = 5.5 ✓ ✓

✓ ✓ D. S. = $\frac{525563 \times 27}{992610}$ = 14.3 ✓ ✓

Season 1946 - Dredge N° 11 Estimate for R/E Au. 35°°

186 days

△ N°	Part or All	Area Sq. Ft	Muck Cu. Yds	D.S. Cu. Yds	Value $
336	P	15336	14201	15505	3405
337	P	17865	18062	15024	3287
338	P	38576	28585	36724	8872
339 +out	P	31462	30644	20639	2265
340	P	10593	12553	9025	2034
341	P	43636	38312	41541	23214
342	P	43003	31392	46185	23910
343	A	36975	28767	27805	20114
344 +out	P	111302	78357	89487	28716
345	P	35889	42923	24333	7537
346	P	77785	69151	60517	42782
347	P	39209	31524	25721	16703
348 +out	P	8537	5600	6010	1648
		510168	430071	418516	184487

Add 1' to D.S. Depth

+ 127296 Premium

311783

Less Writeoff 385964

44107

+1' extra 18895

437411

Tailings Area - Actual

Sq. Ft	Cu. Yds.
434385	451689

Total Area

	Sq. Ft.	Cu. Yds.
Virgin	510168	481518
Tailings	434385	451689.
	944553	933207.

Dredge Nº 11 - 1946 Estimate Au. 35⁰⁰

Estimated Muck Dredged	=	44107 Cu. Yds.	
✓ D.S. ✓	=	437411 ✓	✓
Actual Tailings ✓	=	451689 ✓	✓
Estimated Total	=	933207	

Estimated Recovery @ 20¢ - Virgin Area			=	184487
✓ Premium	✓	✓	=	127296
✓ Total Recovery	✓	✓	=	$ 311783

Estimated Recovery - Tailings Area
451689 Cu. Yds. @ 15¢ = $ 67753

Estimated Total Recovery - Virgin + Tailings = $ 379536

Estimated Value per Cu. Yd = $\frac{37953600}{933207}$ = 40.7 ¢

Estimated Value per Sq. Ft = $\frac{37953600}{944553}$ = 40.2 ¢

Estimated Total Depth = $\frac{933207 \times 27}{944553}$ = 26.7 Ft.

Estimated Avg Depth Muck = $\frac{44107 \times 27}{944553}$ = 1.3 ✓

Estimated Avg. Depth D.S + Tail. = $\frac{889100}{\cancel{244550} \times 27}$ $\frac{\geq 5.4}{\cancel{7.0}}$ ✓
944553

Season 1947

Dredge No 3 - 1947 Estimate For R/E Au 35.00

Days Run	Area Sq. Ft.	Total Cu. Yds.	Depth Ft.	¢ per Cu. Yd.	¢ per Sq. Ft.	Gross $
199	1,558,137	1,828,878	39.2	10.5	15.3	192,037

Dredge No 4 - 1947 Estimate For R/E Au 35.00

Days Run	Area Sq. Ft.	Total Cu. Yds.	Depth Ft.	¢ per Cu. Yd.	¢ per Sq. Ft.	Gross $	Remarks
203	123,511	317,750	69.5	14.0	36.0	44,485	Virgin Area
	823,446	1,870,200	61.3	0.0	0.0	0.0	Tailings Area
	946,957	2,187,950				44,485	(Show as a note)

Season 1947 - Dredge No. 7 Estimate For R/E Fy 35 ~ 11 days.

△ No.	Part of All	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $
141	P	400	—	177	121
142	P	6305	1400	3342	2150
143	P	6250	1387	3006	668
144	P	32600	18125	18125	8313
144A	P	76200	65760	48844	19431
144B	P	4500	4549	2785	1044
145B	P	47790	40191	2865	3918
145A	P	73950	57533	40228	7616
145	All	20000	10880	11340	6840
146	P	26155	8422	12580	7977
147	P	35275	11358	14780	5926
161	P	17425	4060	6255	2387
162	P	48820	27143	19332	8689
162A	P	75705	65333	28843	5228
162B	P	40225	37690	17417	2815
163B	P	57840	45635	22037	2487
163A	P	31270	21201	13540	2313
163	All	52015	22522	20597	3068
164	P	15115	3521	5426	347
182	P	18000	3996	7128	918
183	P	47104	18653	19171	3155
183A	P	18250	11698	7427	1441
183B	P	16905	11715	7505	1183
		768099	492772	358750	98030
					+67641 = Prem.
					165671
Less Write off			492772		
			0		
+3' extra depth				85344	
				444094	

Dredge N°7 - 1947 Estimate - Au 35°°

Estimated Cu.Yds. Muck dredged	=	0
" " " Dirt "	=	444094
" Total Cu.Yds. "	=	444094
Estimated Recovery @ 20¢	=	98030
+ Premium @ 35°°	=	67641
Estimated Total Recovery	=	$165671
Estimated value per Cu.Yd = 16567100 / 444094	=	37.3 ¢
Estimated value per Sq.Ft. = 16567100 / 768099	=	21.6 ¢
Estimated Total Depth = 444094 × 27 / 768099	=	15.6 Ft
" Depth Muck	=	0
" " Dirt	=	15.6 Ft

Season 1947 - Dredge No 8 Estimate For R/E Au 3[illegible]
[illegible] Days

△ No	Part All	Area Sq Ft	Muck Cu. Yds	OS Cu. Yds	Value $
[illegible]8	P	38400	[illegible]03[illegible]	[illegible]803[illegible]	[illegible]568
[illegible]9	P	[illegible]1383	[illegible]79[illegible]	33707	873[illegible]
[illegible]30	P	49980	[illegible]939	30937	7846
[illegible]31	P	[illegible]2426	8747	7045	1801
[illegible]32	P	[illegible]7727	[illegible]6312	165[illegible]92	2847
[illegible]34	P	[illegible]8888	[illegible]5[illegible]65	19[illegible]23	[illegible]296
[illegible]35	All	68460	40[illegible]96	34709	11090
[illegible]36	[illegible]	73700	37365	47[illegible]41	14371
[illegible]37	[illegible]	79100	43030	49833	17[illegible]60
[illegible]38	P	63398	34488	[illegible]9[illegible]83	10080
[illegible]39	P	[illegible]2648	6880	78[illegible]9	1568
[illegible]40	P	6160	34[illegible]4	3[illegible]64	[illegible]5[illegible]4
[illegible]41	P	47114	[illegible]6713	[illegible]3886	480[illegible]
[illegible]42	All	7[illegible]800	40476	39603	14[illegible]60
[illegible]43	P	73760	44[illegible]51	3[illegible]749	14[illegible]30
[illegible]44	All	74100	[illegible]0[illegible]39	[illegible]9343	1[illegible]745
[illegible]45	P	34308	[illegible]8338	10[illegible]32	[illegible]470
[illegible]47	P	[illegible]9407	[illegible]7[illegible]54	8704	[illegible]264
[illegible]48	P	9775	8[illegible]10	3[illegible]15	1642
[illegible]49	P	[illegible]9981	19601	11832	[illegible]677
		89[illegible]415	[illegible]46042	481[illegible]69	143909
					+[illegible]9297 Prem.
					[illegible]43206

Less Write off [illegible]4[illegible]9[illegible]1
121091

[illegible].9' Extra depth 96174
[illegible]77773

Dredge No 8. 1947 Estimate - Av. 25°° - 212 days

Estimated Cu. Yds. Muck dredged = 121091
" " D5. - = 577773
" Total Cu. Yds. - = 698864

Estimated Recovery @ 20¢ = 143909
Premium @ 35-20 = 99297
Estimated Total Recovery = $243206

Estimated value per Cu. Yd. = $\frac{243206^{00}}{698864}$ = 34.8 ¢

" " " Sq. Ft. = $\frac{243206^{00}}{895415}$ = 27.2 ¢

Estimated Total Depth = $\frac{698864 \times 27}{895415}$ = 21.1 Ft.

" Depth Muck = $\frac{121091 \times 27}{895415}$ = 3.7 "

" " D5. = $\frac{577773 \times 27}{895415}$ = 17.4 "

Season 1947 - Dredge #10 Estimate For R/E - Au 3rd - 200 days

△ No.	Art All	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $
119	P	26877	10240	9944	5214
120	P	6165	3581	2052	1196
121	P	12964	8310	5432	3695
122	P	495	238	312	94
123	P	4095	2580	3034	978
124	P	144	105	100	25
125B	P	1739	1243	534	40
125A	P	9011	7776	3235	4459
125	P	7950	6392	2854	667
126	P	23760	16727	9670	3421
127	All	38610	15289	14710	4247
128	✓	51005	24533	25859	15352
129	✓	50470	23720	23014	10548
130	P	15968	6914	6499	3097
131	P	37680	18576	15335	1394
132	All	51912	24969	17857	2284
133	✓	59220	18180	19068	2309
134	✓	38885	8204	11937	583
134A	P	27035	9300	7705	594
134B	P	4760	2346	1232	138
135	All	41250	16335	13736	2310
136	✓	58514	25980	17964	3393
137	✓	49800	27091	13446	2888
138	P	18654	7816	6417	597
141	P	6160	2808	1755	628
142	All	49400	26182	12251	5483
143	✓	56700	27953	18257	10092
144	✓	41915	19113	15508	5158
145	P	30351	18334	10108	3187
146A +out	All	45690	28282	18093	11194
146	All	47500	31160	15295	5177
147	P	28300	10471	9112	3000
148	P	23240	8343	6623	3648
153	P	9960	2470	5049	527
154	P	20078	6163	11384	1164
155	P	14070	3278	6612	928
156	P	20800	7924	8236	1456
156A	P	38734	15764	13324	2130
156B +out	P	47904	21269	22514	3305
		1117771	515959	406067	122597
					+ 84592 Prem
					207189

Totals

	Area	Muck	DS	$
	1117771	515959	406067	207189
Less W/O		36105		
		154907		
+3.2' Extra			13476	
			538543	

Dredge No 10 - 1947 Estimate - Av 35¢ - 200 days

Estimated Muck dredged = 154907
- DS - = 538543
- Total - = 693450

Estimated Recovery @ 70% = 127597
- Premium @ 35¢ = 84593
- Total Recovery = $207189

Estimated value per Cu.Yd = $\frac{207189}{693450}$ = 29.9 ¢

- - - Sq.Ft. = $\frac{207189}{1117771}$ = 18.5 ¢

Estimated Total Depth = $\frac{693450 \times 27}{1117771}$ = 16.8 Ft.

- Depth Muck = $\frac{154907 \times 27}{1117771}$ = 3.7 -

- - DS. = $\frac{538543 \times 27}{1117771}$ = 13.1 -

Season 1947 - Dredge N°-11 - Estimate For R/E - Aug 31st - 207 days

Δ No	Part in	Area Sq Ft.	Mock Cu. Yds.	D.5 Cu. Yds.	Value $
327	P	1651	733	837	52
328 out	P	14545	6297	6297	364
331 out	P	13912	10823	5300	3825
332	P	900	1109	377	68
333	P	24663	28954	12504	468
334	P	2380	2177	1411	623
335 out	P	31620	31272	19920	8505
337	P	29190	29511	24548	5370
338	P	10272	8022	9778	2362
339	P	31145	30331	20431	2242
		160278	149233	101403	23879
Less W/O			13720		+16476 From
			11713		40355
+1' Extra depth				5936	
				107339	
			Tailings Area - Actual		
		55159	—	39673	80951
Totals		685437	11713	647012	121306

Dredge № 11 - 1947 Estimate - 4a3r9p - 207 Days

Estimated Cu. Yds. Muck dredged	= 11713
" " " .05 "	= 107339
Actual Tailings dredged	= 539673
Estimated Total Cu. Yds. dredged	= 658725
Estimated Recovery Virgin area @ 50¢	= 23879
" Premium " @ 35¢	= 16476
" Total Recovery Virgin Area	= $40355
Estimated Recovery Tailings Area -	
= 539673 Cu. Yds @ 15¢ per yd.	= $80951
Estimated Total Recovery	= $121306
Estimated value per Cu. Yd. = 12130600 / 658725	= 18.4 ¢
" " " Sq. Ft. = 12130600 / 685437	= 17.7 ¢
Estimated Total Depth = 658725 x 27 / 685437	= 25.9 Ft.
" Depth Muck = 11713 x 27 / 685437	= 0.5 "
" " .05 + Tailings = 647012 x 27 / 685437	= 25.4 "

Season 1948

Dredge No 3 - 1948 Estimate for R/E @ $35.00

Days Run	Area Sq ft.	Total Cu Yds.	Depth Ft.	¢ per Cu Yd	¢ per Sq ft.	Gross $
193	1,245,447	1,875,701	40·7	09·7	14.6 ¢	181,943

Dredge No 4 - 1948 Estimate for R/E @ $35.00

Days Run	Area Sq ft.	Total Cu Yds.	Depth Ft.	¢ per Cu Yd.	¢ per Sq ft.	Gross $
199	1190088	1737142	39.4	13.3	19.4	~231040

Season 1948 Dredge Nº 6 Estimates R/E

Av $ 35.00

198 Days

Δ Nº	Part All	Area Sq ft	Muck Cu Yds.	D.S. Cu Yds	Value $
174	P	3630	472	2958	385
175	P	14 229	1850	11,227	1693
176	P	4 664	606	3,750	681
177	P	10 434	1273	8,389	2275
187	P	15,588	2478	12,127	3008
188	P	45,216	1365	32,329	4974
189	All	24,745	4306	18,064	1856
190	P	29,708	3612	15,616	1287
191	P	14,625	2706	10,998	658
192	P	39,841	9602	26,574	1195
193	P	56,599	16,131	32,092	4981
194	P	70,938	14,529	41,215	4256
195	P	24,347	4772	15,339	2289
196	P	6,482	1199	4563	745
200	P	3,720	372	2991	681
201	P	34,782	5530	23582	6052
202	All	73,308	11656	46184	13195
203	P	64,150	20,656	36373	8211
204	P	1,422	1,422	933	148
205	P	245	242	133	16
206	P	29,723	9125	15,069	2437
207	All	77,010	16,249	52,213	13015
208	All	75,480	7,548	60,686	11699
209	P	23,240	1,464	20,405	4044
210	P	256	12	225	22
212	P	790	38	644	210
213	P	8055	89	6057	2723
214	All	73,010	3504	54,100	10148
215	P	70,560	13,053	35,774	9032
216	P	20962	6,980	8,301	1174
217	P	9300	2,306	2,650	781
218	P	22788	5,059	6,996	1595
219	P	66,718	13,077	24,686	8006
220	P	20	2	10	3
		1,007,635	185,285	633,247	123,475
				+	85 198 Premium
					208673

0.69

Dredge No 6 – 1948 Estimate Av $35.00

Estimated	Muck Dredged	185,285
✓	D.S. ✓	633 247
✓	Total ✓	818 532

Estimated Recovery @ $20 ct	$123,475
Premium @ $35.00	85 198
Estimated total Recovery	208 673

Estimated value per Cu Yd $\frac{20867300}{818532} = 25.5¢$

✓ ✓ ✓ Sq Ft $\frac{20867300}{1007635} = 20.7¢$

Estimated total Depth $\frac{818532 \times 27}{1,007,635} = 21.9$ Ft.

✓ Depth Muck $\frac{185,285 \times 27}{1,007,635} = 5.0$ Ft.

✓ ✓ D.S. $\frac{633,247 \times 27}{1,007,635} = 17.0$ Ft.

Season 1948 Dredge Nº 7 Estimate for R/E Adj. #35.00 185 Dys

Δ Nº	Part or All	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $
182	P	21318	2132	8442	1087
183	P	3300	244	1343	221
183A	P	13050	4202	5311	1031
184	P	48672	10805	18009	2434
184A	All	56168	20164	18086	2134
184B	P	20800	10004	7155	957
185	P	28968	4287	12862	2028
205	All	29536	5789	13114	4105
206	All	43050	12269	17047	7146
207	P	17170	3623	7829	3108
207A	P	19125	5661	9199	3500
207B	P	44160	20137	16339	3842
208	All	23650	4375	10500	4446
208A	P	20869	4633	7951	2609
208B	P	540	160	254	102
209	All	58850	15242	22422	10122
210	All	57200	12069	21164	6406
211	P	20160	2984	8205	2802
212	P	24960	1847	10159	1248
213	P	55650	7624	19978	1280
214	P	44150	6534	16335	3488
215	P	36060	8402	12405	8294
216	P	7400	1288	3012	1769
217	P	5992	1043	2660	2127
220	P	4830	1072	2144	1705
221	P	4200	777	1915	1361
222	P	24050	4714	9524	7672
223	P	4125	565	1679	714
224	P	26450	4206	9099	794
225	P	5440	342	2355	174
226	P	27848	3815	10610	947
226A	P	3825	991	1557	149
226B	P	7905	3012	2632	285
		809471	185,012	311,296	90,087
	+1' extra depth			29,980	
				341,276	
					62,160 Premium.
					152,247

Dredge № 7 1948 Estimate - Au. 35⁰⁰

Estimated Cu. Yds. Muck Dredged = 185,012
" " " D.S. = 341,276
" Total Cu. Yds. = 526,288

Estimated Recovery @ 20⁶⁷ = 90,087
+ Premium @ 35⁰⁰ = 62,160
Estimated Total Recovery = $152,247

Estimated Value per cu. yd. = $\frac{152\ 24700}{526,288}$ = 28.9 ¢

Estimated Value per sq. ft. = $\frac{152\ 24700}{809,471}$ = 18.8 ¢

Estimated Total Depth = $\frac{526288 \times 27}{809471}$ = 17.6 Ft.

Estimated Depth Muck = $\frac{185012 \times 27}{809471}$ = 6.2 Ft.

Estimated Depth D.S. = $\frac{341,276 \times 27}{809471}$ = 11.4 Ft.

Season 1948 DREDGE Nº 8 Estimate for R/E Au. 35ºº 195 days

Δ Nº:	Part or All	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $
503	P	300	85	148	44
504	P	23,715	4387	12308	4103
505	P	2565	257	1331	705
506	P	22450	1661	12482	3906
514	P	35730	3037	20259	9183
515	P	71718	6096	42529	7172
516	All	74202	6307	43111	7049
517	P	72,207	11481	39280	4910
518	P	11,857	1447	6284	569
519	P	3,520	743	2045	176
520	P	38,576	13849	21448	3202
521	All	74,500	14602	40528	8046
522	All	75,096	14719	41753	11640
523	P	77,500	6587	43942	23250
524	P	74,816	6359	46311	22744
525	P	21,850	1857	15142	5899
528	P	80	8	58	12
529	P	23,557	3486	15453	4005
530	P	24,462	2984	15142	3840
531	P	62,568	13201	35476	9072
532	P	26,599	5213	13486	2314
533	P	16,384	5275	8307	1163
		834,252	123,641	476,823	133,004
		+2FT Extra Depth		61,796	
				538619	
					91773 Premium
					224,777

Dredge "8 – 1948 Estimate Au 35.00

Estimated Cu. Yds. Muck Dredged = 123,641
" " " D.S. = 538,619
Total Cu. Yds. = 662,260

Estimated Recovery @ 20ct = 133004
Premium @ 35.00 = 91773
Estimated Total Recovery = 224,777

Estimated Value per Cu. Yd. = $\frac{22477700}{662,260}$ = 33.9¢

Estimated Value per Sq. Ft. = $\frac{22477700}{834,252}$ = 26.9¢

Estimated Total Depth = $\frac{662260 \times 27}{834,252}$ = 21.4 Ft

Estimated Depth Muck = $\frac{123641 \times 27}{834,252}$ = 4.0 Ft

Estimated Depth D.S. = $\frac{538,619 \times 27}{834,252}$ = 17.4 Ft.

Season 1948 - DREDGE No 10 Estimate for R/E Au. 35ºº 196 days

△ No	Part or All	Area Sq Ft	Muck Cu. Yds	D.S. Cu. Yds.	Value $	
152B	P	1215	000	599	429	
152A	P	600	000	304	32	
152	P	24070	000	14275	2657	
153	P	3420	000	1481	298	
154	P	18656	690	10149	1306	
155	P	4940	366	2376	217	
156	P	17480	1294	6013	961	
156A	P	1710	209	994	108	
156B + out	P	4000	339	2324	252	
157A + out	P	30232	5261	12304	1118	
157	P	24800	4315	8531	1884	
158	All	48608	5930	19783	5444	
159	All	56274	8328	21440	6359	
160	All	50197	3162	25450	3213	
161	All	45880	10690	20921	2248	
162	P	17707	3081	9633	6109	
163	P	770	134	293	265	
164	P	2208	106	514	130	
165	P	10960	2433	3124	921	
166	All	51005	13771	16424	8569	
167	All	47430	13517	15794	6356	
168	All	65532	7995	24968	10223	
169	All	56613	9001	21570	6907	
170	All	35140	4814	12088	4287	
171	P	25650	4078	7310	2026	
172	P	18900	1399	5103	491	
173	P	16	1	4	1	
174	P	12	2	4	1	
175	P	1581	234	568	149	
176	P	240	53	86	35	
177	P	9486	1650	3263	1954	
178	P	19604	4058	4862	3176	
179	All	50500	10656	13635	7272	
180	P	46602	7410	28148	3588	
181	P	13280	637	8021	996	
182A	P	33991	7546	7920	2481	
182	P	50120	16139	11678	3659	
183	P	35158	11321	10020	5027	
184	P	15744	4833	5416	2850	
195	P	5692	1622	1958	831	
196	P	1568	423	597	163	
197	P	18972	4914	6318	1347	
		966,563	172,412	366,263	106,340	
		+ 3.8 Ft extra depth		136,035	73,375	Premium
				502,298	179,715	

DREDGE Nº. 10 . 1948 Estimate Au. 35°° 196 days

Estimated Muck Dredged = 172,412
✓ D.S. ✓ = 502,298
✓ Total Cu. Yds. ✓ = 674710

Estimated Recovery @ 20¢ = 106340
✓ Premium @ 35°° = 73375
✓ Total Recovery = $179,715

Estimated Value per Cu. Yd. = $\frac{17971500}{674710}$ = 26.6¢

✓ ✓ ✓ Sq. Ft. = $\frac{17971500}{966563}$ = 18.6¢

Estimated Total Depth = $\frac{674710 \times 27}{966,563}$ = 18.8 Ft.

✓ Depth Muck = $\frac{172412 \times 27}{966563}$ = 4.8 Ft.

✓ ✓ D.S. = $\frac{502298 \times 27}{966563}$ = 14.0 Ft.

Season 1948 DREDGE No 11 Estimate for R/E Au. 35¢¢ 202 days

△ No	Part or All	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $
317+out	P	38418	7107	16942	21552
318	P	10080	857	6088	474
319	P	31304	5447	19377	15934
320	P	48221	13743	17842	26860
321	P	44426	13150	16438	25634
321A	All	44110	13057	16320	25451
322	P	19152	1915	7297	843
323	All	56386	5639	28588	3045
324	All	45248	8869	21764	4796
325	All	38700	11029	16757	2709
326	All	53000	5,300	25,493	2650
327	P	58813	4999	29,818	1882
328	P	30671	7146	13280	767
329	All	50500	14392	28078	4898
330	P	52920	11748	22914	2911
331 +out	P	17391	5791	6626	4783
332	P	41580	16923	17422	3160
333	P	25752	9245	13056	489
334	P	28300	4924	16781	7415
335 +out	P	30197	6372	19024	8123
Virgin	Total	765,169	167,653	359,905	164,376
YG. Tails (15¢)		196,479		168,142	25,221
Redug	Tails	~~19926~~		17786	.000
Grand	Total	~~981,574~~	167,653	545833	189,597
	+2'	extra	depth	~~59,513~~ 56479	113,419
		961648		~~605,346~~	303016

Premium @ 35¢¢ on Virgin Area only

Dredge № 11 1948 Estimate Au. 35.00 202 days

Estimated Cu. Yds. Muck Dredged = 167,653
" " " D.S. (Virgin) = ~~419,418~~ 415,584
Actual Yukon Gold Tailings Dredged = 168,142
Actual Redug Tailings = ~~17,786~~
Estimated Total Cu. Yds. Dredged = ~~772,999~~ 752,379

Estimated Recovery Virgin Area @ 20.67 = 164,376
" Premium @ 35.00 = 113,419
" Total Recovery Virgin Area = $277,795

Estimated Recovery Y.G. Tailings Area
= 168,142 Cu. Yds @ 15¢ per Yd. = $25,221

Estimated Total Recovery = $303,016

Estimated Value per Cu. Yd. = $\frac{30301600}{\text{~~695,700~~ } 752,379}$ = ~~43.6~~ ¢ 40.3

" " " Sq. Ft. = $\frac{30301600}{961,648}$ = ~~31.6~~ ¢ 31.5

Estimated Total Depth = $\frac{752,379 \text{ (~~772,999~~)} \times 27}{\text{~~981,574~~ } 961,648}$ = ~~21.3~~ Ft. 21.1

" Depth Muck = $\frac{167,653 \times 27}{\text{~~981,574~~ } 961,648}$ = ~~4.6~~ Ft. 4.7

" " D.S. + Tailings = $\frac{\text{~~772,999~~ } 584,726 \times 27}{\text{~~981,574~~ } 961,648}$ = ~~16.7~~ Ft. 16.4

Season 1948 Dragline №12 Estimate for R/E Av.-35ºº 71 days

	Δ №	Part or All	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds	Value $
✓	753	P	7430	468	1731	840
✓	754	P	9960	737	1952	1125
✓	755	P	36837	2726	9136	4531
✓	756	P	12,960	2735	1776	156
✓	757	P	23,557	7844	4358	377
✓	772	P	42,687	9946	9946	640
✓	773	P	43,319	2729	10093	2859
✓	774	P	30,513	793	9032	5431
✓	775	P	8196	213	2516	4344
✓	776	P	6798	931	2012	3236
✓	791	P	5533	1168	1289	2496
✓	792	P	2213	958	409	232
✓	793	P	5217	1487	1023	370
			235,220	32,735	55,273	26,637
						18377 + Prem.
						44014

DRAGLINE Nº 12 SEASON 1948 AU.-35ºº 71 days

Estimated Cu. Yds. Muck Dredged = ~~32735~~ 27627
D.S. = 55273
Total Cu. Yds. = ~~88008~~ 77829

Estimated Recovery @ 20⁶⁷ = 26637
Premium @ 35ºº = 18377
Total Recovery = ~~45014~~

Estimated Value per Cu. Yd = $\frac{450{,}400}{\text{~~88008~~ 77829}}$ = ~~51.1~~ ¢ 57.8

Estimated Value per Sq. Ft. = $\frac{450{,}400}{235{,}220}$ = 19.1 ¢

Estimated Total Depth = $\frac{\text{~~88008~~ 77829} \times 27}{235{,}220}$ = ~~10.1~~ Ft. 8.9 Ft.

Estimated Depth Muck = $\frac{\text{~~32735~~ 27627} \times 27}{235{,}220}$ = ~~3.8~~ Ft. 3.6 Ft.

Estimated Depth D.S. = $\frac{55273 \times 27}{235{,}220}$ = 6.3 Ft.

Note - Black Figures are correct

Season 1949

Dr #3 - Estimate for R/E - May 1st to Aug 16 incl - Av 37.0
Aug 17 1/2 to Nov 24 - - Av 38.5

Elapsed Days	Area Sq Ft.	Total Avg Depth	Total Cu Yds.	Avg Value ¢ per Sq. Ft.	Avg Value ¢ per Cu. Yd.	Gross Recovery
208	2067480	32.3	2469678	13.6	11.4	281445

Dredge N: 4

May 6 1/2 to Aug 16 incl - Av 37.0
Aug 17 1/2 - Nov 21 incl - 38.5

200	1189926	37.9	1668994	18.9	13.5	225160

Season 1949 Dr. #6 Est. for R/E. -208 Cons.

May 1st to Aug 16th incl - Au 35¢
Aug 17th - Nov 24th - - Au. 38¢

△ No°	Part of All	Area Sq. Ft.	Muck Cu. Yds.	O.S. Cu Yds	Value $
217	P	85780	21273	24447	7205
218	P	52527	11660	16125	3676
219	P	3900	764	1443	468
234	P	46830	4981	16168	3593
233	P	47750	6541	22967	4966
232	P	42960	4296	26592	6229
231	P	31778	3876	21195	3781
230	P	40630	6013	27100	3412
229	P	62590	12267	41747	9075
228	P	48675	8469	31930	17084
227	P	64702	10287	41473	21933
226	P	6600	976	3669	1419
225	P	11210	2611	7477	1625
		539930	94014	282333	84446
					+58282 Prem @ 35¢
					142748
224	P	56283	13113	37540	8161
227	P	588	93	376	199
228	P	580	100	380	203
229	P	20115	3942	13416	2916
224	A	85090	21102	58967	12933
230	P	2750	407	1834	231
223	A	75750	14013	53328	19392
231	P	29248	3568	19508	3480
222	P	62900	6981	42464	17926
232	P	3000	300	1857	435
221	P	30420	1460	19499	10829
233	P	23375	3202	11243	2431
220	P	63745	6374	31426	9498
234	P	2070	252	819	182
211	P	10276	1633	7501	2630
219	P	1800	352	666	216
		467990	76892	300824	91662
					+7882 Prem @ 38¢
					170491
Totals		1007920	170906	583157	313239

Dredge No 6

Muck

Estimated Cu. Yds. dredged = 170906

" " D.S. = 783157

" Total Cu Yds. = 754063

Estimated Total Recovery = $313.39

Estimated value per Cu Yd. = $\frac{313.3900}{754063}$ = 41.5 ¢

" " " Sq. Ft. = $\frac{313.3900}{1007900}$ = 31.1 ¢

Estimated Depth Muck = $\frac{170906 \times 27}{100793}$ = 4.6 Ft.

" " D.S. = $\frac{783157 \times 27}{100793}$ = 15.6 "

" Total Depth = $\frac{754063 \times 27}{100793}$ = 20.2 "

Season 1949 Orig Est for R/E - 199 Days

May 1st to Aug 16th incl - Au 35%
Aug 17th to Nov 14th - - Au 38%

Au 35%

△ No	Part of Au	Area Sq Ft	Muck Cu Yds	D.S. Cu Yds	Value $
195	P	30450	9013	13885	7003
196	P	41530	3530	18439	9884
197	P	13350	987	6087	894
198	P	27660	2046	14355	1438
199	P	36540	3105	17173	3946
200	P	13000	624	6747	1209
201	P	16750	804	8056	1206
214	P	11880	1758	4395	938
215	P	19940	4646	6859	4586
216	P	47250	8221	19230	11292
217	P	50500	8787	22422	17927
218	P	9590	4507	4977	1898
219	P	9222	3513	4675	1881
220	P	38540	6555	17111	13604
221	P	18048	3338	8229	5847
222	P	14280	2798	5654	4555
223	P	18735	2766	7625	3241
224	P	23785	3781	8182	713
225	P	48570	3059	21030	1554
226	P	19475	2668	7419	662
226A	P	2370	613	964	92
228	P	5796	150	2724	330
229	P	210	15	85	21
230	P	1330	113	575	320
		518801	79197	226898	95045
					+65581
					160626

Prem @ $35%

The Y.C.G.C. Limited, Gold Production, 1949

No. 3	220,377.06
4	196,536.19
6	219,885.64
7	185,148.97
8	441,896.66
9	258,465.73
10	267,921.71
11	363,375.07
	2,153,607.03

A.B.

Av. 38 ft

Δ No	Part All	Area Sq. Ft.	Muck Cu. Yds.	O.S. Cu Yds	Value $
223	P	18600	2748	7570	3217
222	P	7115	1002	2072	1631
221	P	27280	5046	12439	8838
220	P	4800	1062	2131	1694
219	P	7415	2825	3759	1512
233	P	37015	14657	16027	999
232	P	55000	8744	24420	9680
231	P	44500	5551	18518	10738
230	P	38270	3252	16570	9223
229	P	44915	3323	18280	5479
228	P	45008	1170	21153	2576
227	P	13875	1179	6007	1387
227A	P	2125	471	762	159
234	P	7125	1952	1896	225
235	P	975	180	263	57
236	P	19110	3038	5656	1968
237	P	4800	480	1243	504
238	P	19370	928	6656	2322
		394278	57412	165375	62198
					53490
					115688
Fwd		518801	79197	226898	160626
		913079	136609	392273	276314

From @ 38 ft

Estimated Cu. Yds. Muck dredged = 136609
" " D.S. = 392273
" Total Cu Yds " = 528882

Estimated Total Recovery = $ 276314

Estimated value per Cu Yd = $\frac{27631400}{528882}$ = 52.24

" " " Sq. Ft. = $\frac{27631400}{913079}$ = 30.34

" Depth Muck = $\frac{136609 \times 27}{913079}$ = 4.0 Ft.

" " D.S. = $\frac{392273 \times 27}{913079}$ = 11.6 "

" Total Depth = $\frac{528882 \times 27}{913079}$ = 15.6 "

Season 1949 Dr #8 Est for 1949 for R/E — 199 Days.

Au. 35¢ May 3rd to Aug 16th incl - Au 35¢
Aug 17th to Nov 30 - - Au. 38½¢

Δ No	Part of All	Area Sq. Ft.	Muck Cu. Yds.	OS Cu. Yds	Value $
512	P	21813	2988	14789	5712
513	P	67250	9213	40619	16947
514	P	40390	3433	12901	10380
515	P	4125	350	2446	412
503	P	54805	15619	27018	8056
504	P	55440	9720	27270	9090
505	P	44800	4480	23271	12370
506	P	45730	3384	25429	7957
507	P	30400	2584	16537	5715
508	P	56229	8321	34803	6128
509	P	450	95	338	50
		418533	60187	235397	82767
					+57109 Prem @ 35¢
					139876
505	P	27105	2710	14067	7453
506	P	11400	843	6338	1983
507	P	46550	3956	25323	8751
508	P	11825	1750	7319	1288
509	P	85025	1731	6170	927
495	P	7480	1466	5460	1361
496	P	69590	9533	43076	20737
497	P	75250	6396	42666	23177
498	P	55640	2670	30935	25928
499	P	70160	5191	34588	31291
500	P	49005	6713	20533	17592
501	P	66618	17254	27912	10792
502	P	16214	6177	6599	681
489	P	2200	187	1196	814
490	P	4386	697	2162	960
491	P	24900	4332	13844	7594
		546519	71606	288188	161329
					+138742 Prem @ 38½¢
					300071
Plus				103655	= 2.9 Ft over whole Area
Totals		965062	131793	627240	439947

Dredge N° 8

Estimated Cu Yds Muck dredged = 131793

" " D 5 = 627440

" Total Dredged = 759033

Estimated Total Recovery = $ 439947

Estimated value per Cu Yd. = $\frac{43994700}{759033}$ = 58.0 ¢

" " Sq. Ft. = $\frac{43994700}{9600}$ = 45.6 ¢

Estimated Depth Muck = $\frac{131793 \times 27}{9600}$ = 3.7 Ft.

" " D 5 = $\frac{627440 \times 27}{9600}$ = 17.5 "

" Total Depth = $\frac{759033 \times 27}{9600}$ = 21.2 "

Season 1949 Dr #9 Est. for 1949 R/E - 195 days.

May 11th to Aug 16th incl - Av. 35.00
Av. 35.00 Aug 17th to Nov 21st - - Av. 38.00

Δ No.	Part All	Area Sq. Ft.	Muck Cu. Yds.	D. S. Cu. Yds.	Value $
809	P	350	289	86	30
810	P	360	230	107	37
811	P	2220	3231	1487	2740
822	P	4860	1805	1468	428
821	P	44423	16163	14126	10817
820	P	48000	17232	15984	31968
819	P	39810	13694	15167	28902
823	P	14560	3232	7556	1223
824	P	28976	8576	11474	4781
825	A	45360	14605	16284	8935
826	A	40700	13105	14611	11680
827	P	35895	7148	21035	13359
828	P	19965	3473	7606	5131
833	P	7467	1382	1853	493
834	P	1064	275	196	69
835	P	8957	1755	2651	1227
836	P	520	76	173	62
837	P	1970	386	1022	197
		368865	106657	132881	122079
					+ 84234 Prem @ 35.00
					206313

Estimated Total Cu. Yds Muck dredged = 219781
" " " D.S. " = 415767
" " " Dredged = 635548
= 335039

Estimated Total Recovery

" Value per Cu. Yd = $\frac{33503900}{635548}$ = 52.7 ¢
" " " Sq. Ft = $\frac{33503900}{860926}$ = 38.9 ¢
" Depth Muck = $\frac{219781 \times 27}{860926}$ = 6.9 Ft
" " D.S. = $\frac{415767 \times 27}{860926}$ = 13.0 "
" Total Depth = $\frac{635548 \times 27}{860926}$ = 19.9 "

Au 38+50

Δ No.	Part of All	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $	
817	P	20175	9946	7989	1492	
818	P	21440	9776	9283	12456	
819	P	18650	6415	7105	13539	
820	P	6975	850	2504	1590	
821	P	34660	6030	13205	8907	
822	P	38858	7188	13950	3924	
830	P	13500	5346	4347	891	
831	P	16830	2928	7287	841	
832	P	45290	10012	15579	2038	
833	P	45575	8431	11302	3007	
834	P	42136	10913	7795	2738	
835	P	32788	6426	9705	4491	
836	P	38696	5727	12885	4682	
837	P	31500	6174	16348	3150	
838	P	26025	4814	12830	2680	
823	P	910	202	477	76	
842	P	3077	147	1216	445	
844	P	5775	1218	1432	577	
845	P	8293	1534	1949	696	
846	P	19888	3679	3679	676	
847	P	6000	1044	1710	42	
848	P	15025	4282	5724	270	
		492061	113124	168096	69208	
					159518	From @ 38+50
					128726	
	Fwd.	368865	106657	132881	206313	
	Totals	860926	219781	300977	335039	
	Plus			114790		= 3.6' over whole area
				415767		

Season 1949 - Dr. Hio Est. for 1949 R/E - 201 days

Au 35" May 5 to Aug 16 incl - Au 35"
Aug 17 to Nov 21 - - Au 38"

Δ No	Part of Fill	Area Sq. Ft.	Muck Cu.Yds.	O.S. Cu.Yds.	Value $
172	P	19500	1443	5264	507
173	P	43700	3714	11799	1966
174	A	45050	8334	13334	3108
175	P	33220	4916	11922	3122
176	P	55076	12226	19772	7930
177	P	54540	9489	18761	11235
178	P	34250	9247	8494	5548
183	P	18865	6074	5376	2697
184	P	42190	12952	14513	7636
185	P	55000	16885	17710	7590
186	P	39435	8754	14157	3075
187	P	44785	7120	14913	2642
188	P	38500	5774	12397	1771
189	P	45220	3843	12209	1763
189A	P	16705	801	4760	384
193	P	950	115	351	76
194	P	375	83	124	39
195	P	6270	1786	2156	915
		593631	113056	188016	60004
				44782	From @ 35"
				104786	

Estimated Total Cu.Yds. Muck dredged = 191708
" " " O.S. = 44995
" Total " Dredged = 616703

" Total Recovery = $169484

" Value per Cu.Yd = 1694800 / 616703 = 27.5 ¢

" " - Sq.Ft. = 1694800 / 109241 = 15.5 ¢

" Depth Muck = 191708 x 27 / 109241 = 4.7 Ft.

" " O.S. = 44995 x 27 / 109241 = 10.5 "

" Total Depth = 616703 x 27 / 109241 = 15.2 "

Av. 38 ½

△ No.	Part of Fill	Area Sq. Ft.	Muck Cu. Yds	D.S. Cu. Yds	Value $
186	P	9815	2178	3523	765
187	P	715	106	238	42
188	P	12000	1644	3864	552
189	P	744	63	200	29
189A	P	7080	339	2017	162
190A	P	26660	1279	8184	662
190	P	49620	3671	18359	1935
191	A	50100	5010	19839	2204
192	A	61760	3890	25877	3643
193	P	47910	5845	17726	3832
194	P	35875	7964	11946	3731
195	P	38325	10922	13183	5595
196	P	46175	12467	17592	4802
197	P	30600	7925	10189	2172
198	P	23046	3157	5116	—
204	P	6510	1373	2239	891
205	P	4125	915	1571	569
206	P	24560	4543	10290	2087
207	P	12475	552	1007	190
208	P	16515	4839	7435	917
		497610	78555	180395	34784
					+29914
					64698
	Fwd	593631	113056	188016	104786
		1091241	191708	368411	169484
	plus			56584	
				424995	

Prem @ 38 ½

= 1.4 Ft over whole area

Season 1949 - Drill Est. for 1949 R/E - 212 days

Apr. 27 to Aug 16 - Av 35-0
Aug 17 to Nov 25 - Av 38-0

Av. 35-0

Δ No	Part Fill	Area Sq Ft.	Muck Cu Yds.	D.S. Cu Yds	Value $
314	P	14700	2886	9114	662
315	P	45068	7841	20060	2804
316	P	50100	8717	26553	26903
317 + Out	P	19760	3650	9504	11085
319	P	14000	2436	8666	7126
320	P	1650	470	610	919
321	P	450	133	166	259
322 + Out	P	33510	8679	12767	1139
326	P	46700	7773	27042	1117
327	P	17645	—	11769	600
324A	P	10500	1753	8673	199
324	P	13822	2308	10248	10228
323	P	44502	9879	30172	32530
323A + Out	P	25620	10145	17989	18881
312	P	2800	240	1706	276
313 + Out	P	2250	141	1392	294
		342972	67056	201425	1350222
					+ 93165 From @ 35-0
					228187

Au 38+50

△ No.	Cont. Fill	Area Sq. Ft.	Muck Cu. Yds	D.S. Cu. Yds	Value $	
309	P	11500	1744	4680	1491	
310	P	12750	6617	11063	1251	
311	P	9610	6449	12783	3472	
312	P	47100	4003	28448	4613	
313 + out	P	93428	7885	17831	12239	
313A + out	P	46623	18462	23637	34361	
313	P	11020	2446	7471	8055	
314	P	24150	4033	17891	17871	
315	P	27978	12075	12733	17846	
31-1	P	8910	4517	3296	6766	
		345869	69731	194437	107771	
					+92683	From @ 38+50
					200454	
Fwd.		342972	67056	201477	228187	
		688841	136787	395862	428641	
Plus Y.G. Tails		391419	—	360045	54006	@ 1.54 per Cu. Yd.
Totals		1080260	136787	755907	482647	

Estimated Total Cu. Yds Muck dredged = 136787
" " " D.S. = 395862
" " " Y.G. Tails = 360045
" " " D.S + Tails = 755907
" " " Dredged = 892694

Estimated Recovery from Virgin Ground = 428641
" " " Y.G. Tails = 54006
" Total Recovery = 482647

Estimated value per Cu. Yd = $\frac{48264700}{892694}$ = 54.1 ¢

" " " Sq. Ft. = $\frac{48264700}{1080260}$ = 44.7 ¢

" Depth Muck = $\frac{136787 \times 27}{1080260}$ = 3.4 Ft.

" " D.S. = $\frac{755907 \times 27}{1080260}$ = 18.9 "

" Total Depth = $\frac{892694 \times 27}{1080260}$ = 22.3 "

Season 1950

Dr #3 Estimate for R/E - From start of season to Aug 31 - Au. 38 $^{5}_{-}$
- Sept 1st to end of season - Au. 37 $^{31}_{-}$

Elapsed Days	Area Sq. Ft.	Total Avg. Depth	Total Cu. Yds	Avg. value ¢ per Sq. Ft.	Avg. Value ¢ per Cu Yd.	Gross Recovery
183	1360152	38.5	193776	14.6	10.3	199154
			Dredge No 4			
184	741852	33.0	906359	16.9	13.9	125670

Season 1950 - Dr #6 Est for R/E - 179 Days.

△ No	Part Fill	Area Sq.Ft	Muck Cu Yds.	O.S. Cu Yds.	Value £	
220	P	1207	1207	9953	1799	From start of season to Aug 31 Au £38 5/-
221	P	48175	2312	30890	17150	From Sept 1st to end of season Au. £37 31/-
222	P	2375	264	1610	676	
213	P	68250	7051	51324	23068	
212	P	74080	35555	60375	19705	
211	P	66137	10515	48280	16931	
209	P	51615	3251	45318	8981	
210 1/2 out	P	86216	4138	75697	7328	
201	P	5100	811	3457	887	
200 199 1/2 out	P	51540	51514	41438	9431	
	P	28142	1350	23977	3096	
		493705	33308	388309	109052	
				+	93785	Premium @ £38 5/-
					202837	
201	P	29142	4633	19758	5071	
195	P	51210	1003	32255	481	
200 199 1/2 out	P	14740	1474	11850	2697	
	P	31671	15210	26983	3483	
197	P	24375	3607	19597	3046	
198	P	32650	5452	26969	3461	
186	P	20025	2963	15800	35184	
185	P	15338	2837	11933	2991	
184	P	26700	5927	18503	2803	
183	P	19704	5832	13142	1714	
181	P	27245	3323	22504	4304	
182	P	22766	1684	21673	22550	
		269476	40255	211937	36185	
				+	29129	Premium @ £37 31/-
					65314	
Totals -		763181	73563	600246	268151	

Dredge N° 6

Estimated Cu.Yds Muck dredged = 73563

D.5. = 600.46

Total Cu.Yds. = 673809

Estimated Total Recovery = $ 68151.00

Estimated value per cu.yd. = $\frac{68.5100}{673809}$ = 39.4 ¢

Estimated value per sq ft. = $\frac{68.5100}{763181}$ = 35.1 ¢

Estimated depth of Muck = $\frac{73563 \times 27}{763181}$ = 2.6 Feet.

Estimated depth of D.5. = $\frac{600.46 \times 27}{763181}$ = 21.2 ✓

Estimated Total Depth = $\frac{673809 \times 27}{763181}$ = 23.8 ✓

Season 1950 - Dr #7 Est. for R/E - 179 Days.

△ No.	Part of	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $	
						From start of season to Aug. 31st Av. $38.50
27A	P	5115	1135	1836	384	From Sept 1st to end of season Av. $37.31
27	P	10675	907	4622	1067	
28	P	2100	55	987	120	
29	P	2484	184	1011	303	
234	P	21200	8077	7844	933	
235	P	41546	7686	11217	2451	
236	P	31580	5021	9347	3253	
237	P	61300	6130	15876	6436	
238	P	35490	1703	12208	4259	
239	P	19082	496	7060	1412	
240	P	14380	1596	5694	1711	
241	P	2030	473	654	197	
241A	P	3430	1180	1015	257	
244	P	1840	252	524	96	
245	P	3475	643	771	83	
246	P	49350	6020	10955	1480	
247	P	52250	6374	12958	3814	
248	P	41350	5044	10710	4342	
249	P	11600	1160	2447	986	
250	P	6450	477	1361	342	
251	P	6750	574	1674	405	
252	P	21560	2393	5023	1294	
253	P	5400	659	1199	97	
254	P	28225	5650	6716	692	
		479262	63889	133709	36414	
					+ 31316	Premium @ 38.5¢
					67730	
254	P	24200	4743	5638	581	
255	P	60740	9657	17310	6924	
256	P	43250	12326	11677	4930	
257	P	39164	4778	8694	705	
252	P	22600	2508	5261	1356	
251	P	12700	1080	3150	762	
259	P	8930	991	2741	196	
261	P	3870	286	1532	128	
260	P	22875	1693	8212	2722	
		238329	38062	64219	18304	
					+ 14735	Premium @ 37.31
					33039	
Totals		717591	101951	197928	100769	= 0.7' over whole Area
D/45				18604		
				216532		

Dredge N=7

Estimated Cu.Yds. Muck dredged = 101951
- D.5 - = 216732
Total Cu. Yds. - = 318483

Estimated Total Recovery = $100769 ≈

Estimated value per cu.yd = $\frac{10076900}{318483}$ = 31.6 ¢

Estimated value per sq. Ft. = $\frac{10076900}{717591}$ = 14.0 ¢

Estimated depth of Muck = $\frac{101951 \times 27}{717591}$ = 3.8 Feet

Estimated depth of D.5 = $\frac{216732 \times 27}{717591}$ = 8.2 -

Estimated Total Depth = $\frac{318483 \times 27}{717591}$ = 12.0 -

Season 1950 - Dredge #8, Estimate of R/E - 188 days

△ No	Part of All	Area □'	Muck Cu. yd.	D.S. Cu yd	Value	
478	P	4890	1032	2223	773	From Start of Season to Aug 31st - Au #38.50
479	P	374	69	152	76	
480	P	26626	4926	11156	3941	
481	P	16188	2396	6410	2121	
482	P	64652	9568	24632	4590	
483	P	15502	2465	5162	992	
484	P	25980	5092	8366	598	
485	P	25347	6286	8162	786	
486	P	64556	13621	19819	2582	
487	a	78250	10720	30987	19484	
488	a	75000	8325	34200	17850	
489	P	71638	6089	38971	26506	
490	P	75726	12040	37333	16584	
491	P	49037	8532	27265	14956	
492	P	34170	7586	18110	6492	
498	P	-16730	803	9302	7796	
499	P	2050	152	1011	914	
500	P	24186	3313	10134	8683	
501	P	2430	629	1018	394	
502	P	11699	1157	4761	491	
		685031	108101	299174	136094	
					11748 4	Premium @ 38.50
					254093	
469	P	23925	4426	7704	1531	from Sept. 1, to End of Season
470	P	5130	816	1898	852	#37.31
471	P	37150	5130	14830	8464	
472	P	5610	1100	2783	1397	
473	P	39102	8251	14898	8094	
474	P	4427	868	1917	704	
475	P	4734	525	2509	511	
477	P	3953	585	2095	443	
478	P	47880	10103	21833	7565	
479	P	73637	13623	29970	14875	
480	P	28217	5226	11835	4181	
481	P	62750	9287	24819	8220	
482	P	22760	3363	8656	1613	
483	P	52969	8422	17639	3390	
		412574	71725	163416	61840	
					49781	Premium @ #37.31
					111621	
Totals		1097605	179826	462590	365714	
Plus				211521		Premiums
				674111		

Dredge #8

Estimated Cu. yd. of Muck Dredged. 179826

D.S. 674111

Total Cu yds 853937

Estimated Total Recovery $365714

Estimated Value per Cu. yd. $\frac{365714}{853937}$ 42.8 ¢

Estimated Value " Sq. ft $\frac{365714}{1097605}$ = 33.3 ¢

Estimated Depth of Muck $\frac{179826 \times 27}{1097605}$ = 4.42 ft.

Estimated Depth of D.S. $\frac{674111 \times 27}{1097605}$ = 16.6

Estimated Total Depth $\frac{853937 \times 27}{1097605}$ = 21.0

Season 1950 - Dredge No 9 Estimate for 8/1 - 188 days

Δ No:	Part All	Area Sq Ft	Muck Cu Yds	DS. Cu Yds	Value $	
841	P	26719	694	13867	3446	From start of season to Aug 31st Av. 38¢
842	P	49080	2355	19435	7116	From Sept 1st to end of season Av. 37.3¢
843	P	57150	4972	19030	6858	
844	P	42560	8980	10554	4256	
845	P	46730	8645	9860	3922	
846	P	21125	3908	3908	718	
847	P	42875	7460	12219	300	
848	P	31835	9072	12129	573	
849	P	33020	7693	16741	1321	
851	P	2250	582	891	155	
852	P	210	31	62	21	
853	P	10175	1323	3123	600	
854	P	1380	408	372	167	
855	P	20885	6956	5962	2606	
856	P	21900	2518	8103	2869	
857	P	50925	5672	20166	6009	
858	P	9644	1070	5718	655	
		469663	74319	162140	41595	
					+35772	Premium @ 38¢
					77367	
856	P	22550	2593	8343	2954	
855	P	31662	9973	8548	3736	
854	P	51550	15278	13918	6237	
853	P	38475	5002	11811	2270	
852	P	52290	7738	15477	5176	
851	P	50250	13014	19899	3467	
850	P	48600	12587	16183	3791	
8508	P	17370	4498	6427	677	
850A	P	5700	1476	2599	1554	
859	P	6080	450	2407	5625	
860	P	3834	283	950	464	
861	P	13325	1829	2964	2163	
		341716	74701	109526	31654	
					+25481	Premium @ 37.3¢
					57135	
	Totals	811379	149020	271666	134502	
	plus			150255		= 5 feet extra over whole area
				421921		

Dredge No. 9

Estimated Total Cu. Yds. Muck dredged = 149020
- - - O.S. - = 42121
- - - Dredged = 570941

Estimated Total Recovery = $1345020.00

Estimated value per cu. yd. = $\frac{1345020.00}{570941.}$ = 23.6 ¢

Estimated value per sq. ft. = $\frac{1345020.00}{811379}$ = 16.6 ¢

Estimated depth Muck = $\frac{149020 \times 27}{811379}$ = 5.0 Ft.

Estimated depth O.S. = $\frac{42121 \times 27}{811379}$ = 14.0 -

Estimated Total Depth = $\frac{570941 \times 27}{811379}$ = 19.0 -

Season 1950 - Dr #10 - Estimate for R/E - 194 days.

@ 38¢

Δ No.	Part Fill	Area Sq.Ft.	Muck Cu.Yds.	D.J. Cu.Yds	Value $
194	P	2208	490	735	229
195	P	100	28	34	15
196	P	2792	753	1063	290
198	P	1423	194	315	—
199	P	14387	2129	2661	1122
200	P	42834	9980	11565	3126
201	A	51204	16487	19508	10394
202	A	51005	11884	19432	8313
203	A	52015	12119	18673	12483
204	P	35279	7443	12135	4833
205	P	43643	9688	16627	6022
206	P	34307	6346	14374	2916
207	P	49000	10339	19943	3773
208	P	29491	7313	11236	1386
209	P	2246	3090	2766	324
212	P	12174	3286	2386	961
213	P	17058	8409	4230	1518
214	P	42042	19171	14462	9081
215	P	12964	6391	4459	2670
216	P	30600	10985	10985	8262
217	P	4727	1522	1800	1191
218	P	25591	5399	10722	5732
219	P	5904	1310	2402	1045
220	P	28000	7252	10052	2380
221	P	4867	1294	1674	520
222	P	10640	2755	2479	819
		616717	166257	216718	89405
					+ 76888
					166293

From start of Season to Aug 31 - Au. @ 38¢

From Sept 1st to End Au. @ 37 1/2

Premium @ 38¢

$\#_{37}^{31}$

Δ N°	Part Fill	Area Sq Ft	Muck Cu Yds	DS Cu Yds	Value $
13	P	24031	11847	5959	2138
14	P	9460	4313	3254	2043
15	P	19288	9508	6635	3973
16	P	21105	7576	7576	5698
17	P	39823	12823	15172	10035
18	P	21105	4453	8842	4727
19	P	47632	10574	19386	8430
20	P	22916	5935	8226	1947
21	P	49500	15196	17028	5296
22	P	10260	2657	2390	790
23	P	39209	8273	10155	3254
24	P	8854	3045	1637	460
25	P	42200	1352	1134	504
31	P	18656	9458	6212	2742
32	P	10250	299	454	154
33	P	11385	2652	5350	2174
34	P	10054	100	5558	292
35	P	13720	2689	6256	4212
36	P	1168	289	489	263
37	P	13320	4289	4781	1598
38	P	5850	1552	2228	672
		383537	118843	133722	61402
					+4948 Premium @ $\#_{37}^{31}$
					110830
Fwd		616717	166257	216718	166293
		1000254	28100	350440	27713
plus				122253	
		1000254	28100	472693	27713

= 3.3 Feet over whole area

Estimated Cu. Yds. Muck dredged

- DS = 28100
- Total Cu. Yds. = 472693
  = 757793
  = $\#_{27713}^{00}$

- Recovery
- Value per Cu Yd = $\frac{2771300}{757793}$ = 36.6¢
- " " Sq Ft. = $\frac{2771300}{1000254}$ = 27.7¢
- Depth Muck = $\frac{28100 \times 27}{1000254}$ = 7.7 Feet
- DS = $\frac{472493 \times 27}{1000254}$ = 12.8 "
- Total Depth = $\frac{757793 \times 27}{1000254}$ = 20.5 "

Season 1950 Dredge #11 Est. for R/E - 193 days

△ No	Part Fill	Area Sq. Ft.	Muck Cu. Yds.	O.S. Cu. Yds.	Value $	
309 + out	P	48904	2300	19903	6357	From Start of Season to Aug 31 Av. @ 38¢
308	A	50000	14800	20350	7700	From Sept 1st to End of season Av. @ 37.3¢
307	A	44600	6600	22612	5362	
306	P	49170	6392	23650	2901	
305	P	31915	—	17361	1404	
297	P	2385	574	882	145	
299	P	4000	1584	1184	524	
301	P	1250	695	383	85	
351	P	20768	10529	7684	15306	
352 + out	P	16900	8450	8771	12489	
297A + out	P	62342	36968	22380	3865	
304	P	17732	10515	5904	1081	
303	P	12500	7737	4762	800	
302	P	21250	12835	7310	1317	
296	P	14900	8835	5513	953	
		398616	148814	168649	60189	
					+51762	Premium @ 35¢
					111951	
302	P	16600	10026	5710	1029	
301	P	15968	8878	4902	1085	
300	P	41450	19481	10735	4393	
299	P	11383	4507	3369	1491	
292	P	44060	15817	14187	20664	
293	A	47500	20567	15295	22277	
294	A	50000	24050	19800	21600	
295	P	37350	22148	13819	2390	
295A + out	P	56019	33319	20110	3473	
288 + out	P	6375	3066	2996	1370	
287	P	7805	3176	3668	4807	
285	P	468	155	160	198	
		334978	165190	114751	84777	
					+68245	Premium @ 37.3¢
					153022	
	Totals	733594	314004	283400	64973	
plus Y.G.	Tails	128871	—	127019	19053	@ 15¢ per Cu. Yd.
		862465	314004	410419	84026	

Dredge #11

Estimated Cu.Yds. Muck dredged = 314004
" " D.S. " = 283400
" " Y.G. Tails " = 127019
" Total Cu.Yds. D.S. + Tails = 410419
" " " Dredged = 74443

Estimated Recovery from Virgin Ground = 264973
" " Y.G. Tails = 190503
" Total Recovery = 840476

Estimated value per cu.yd = $\frac{840600}{74443}$ = 39.2 ¢

" " " Sq. Ft. = $\frac{840600}{86465}$ = 37.9 ¢

" Depth of Muck = $\frac{314004 \times 27}{86465}$ = 9.8 Feet.

" " " D.S. = $\frac{410419 \times 27}{86465}$ = 12.9 "

" Total Depth = $\frac{74443 \times 27}{86465}$ = 22.7 "

Season 1951

Dr #4 Estimate for R/E.

Elapsed Days	Area Sq Ft.	Total Avg Depth	Total Cu Yds.	Avg value $ per sq ft	Avg Value $ per C.Y.	Gross Recovery
155	466263	32.0	552687	27.2	23.0	126853
		Predpc #3				
202	999171	46.2	1708769	18.0	10.5	179420

Season 1951 - Dredge #6 Est. for R/E - 167 days

△ No.	Part Fill	Area Sq. Ft.	Muck Cu. Yds.	0.5 Cu. Yds.	Value $
182	P	4980	368	4740	558
162	P	26345	2944	26634	3267
161	P	9750	1167	10003	1185
160 00ft	P	21805	2834	22851	1373
158	P	5880	546	6032	717
159 00ft	P	30180	2233	28278	3561
134	P	15150	1021	16104	1591
135	P	8160	603	9457	857
136	P	14080	1830	14600	1535
137	P	5984	1041	5918	1119
133	Fill	6305	13998	5908	8323
132	P	21725	4019	20682	2911
131	P	11550	2136	10995	1317
130	P	8040	1640	8425	1021
129	P	5510	1124	5917	832
128	P	30150	4462	30481	4342
72	P	99022	21982	103775	16635
85	P	38700	8591	40131	7701
71	P	14250	3163	16515	3605
84	P	8400	932	9021	2100
70	P	71685	10609	80430	18065
73	P	65050	6505	68172	14246
74	P	1300	82	1300	177
		580751	93910	599543	96438
					66552 + Prem.
					162980

Dredge No. 6 Au. 35°°

Estimated Cu.Yds. Muck Dredged = 93910
" " D.S. " = 599543
" " Total Cu.Yds. " = 693453

Estimated Total Recovery = $162980

Estimated value per cu.yd. = $\frac{162980 \text{¢}}{693453}$ = 23.5 ¢

Estimated value per Sq.Ft. = $\frac{162980 \text{¢}}{780751}$ = 20.1 ¢

Estimated Depth of Muck = $\frac{93910 \times 27}{780751}$ = 4.3 Feet.

Estimated Depth of D.S. = $\frac{599543 \times 27}{780751}$ = 27.9 ✓

Estimated Total Depth = $\frac{693453 \times 27}{780751}$ = 32.2 ✓

Season 1951 - Dredge #8 Est for life - 201 days

△ No	Part Fill	Area Sq Ft	Muck Cu Yds	DS Cu Yds	Value $
469		28283	5287	9203	1829
470		89620	14249	33159	14876
471		40610	5563	16081	9177
472		8816	1631	3795	2061
473		44490	9387	16950	9209
474		27240	13179	29114	10691
475		9383	1041	4972	1013
476		39255	5377	17429	3611
463		62715	12292	29476	9219
464		64025	11140	24393	11204
465		77175	12270	27705	17673
466		74000	3553	30423	19980
467		70250	7797	31191	16087
468		34514	2554	14944	4245
#3		35423	5243	13495	4286
#4		28755	5459	8616	3053
#5		50516	4293	18690	8032
#6		6000	888	1998	978
#7		32375	4435	13565	7090
#8		45000	8320	20520	931
#9		20550	3268	8139	2261
		959919	144336	386009	176066
					12148 5 + Prem
					8297551
				+ 19539	= 5.5' over whole area.
				581548	

Dredge No 8 - Feb 3rd

Estimated cu yds. muck dredged = 144336
- " " D.S. " = 581 / 48
- Total Cu. Yds " = 725884

Estimated Total Recovery = 297 / 1 %

- Value per cu yd. = $\frac{297 / 100}{725884}$ = 41.0 ¢
- " " Sq. Ft. = $\frac{297 / 100}{95919}$ = 31.0 ¢

- Depth of Muck = $\frac{144336 \times 27}{95919}$ = 4.1 Feet
- " " D.S. = $\frac{581 / 48 \times 27}{95919}$ = 16.4 "
- Total Depth = $\frac{725884 \times 27}{95919}$ = 20.5 "

Season 1951 - Dredge N-9 - Est. for R/E - 196 days

△ No.		Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $
850		1500	388	500	117
850A		2850	738	1300	77
849		1540	410	2193	575
860		38410	9842	9522	4647
861		37695	9164	8368	6106
862		49500	12276	7326	4603
863		48700	11087	9009	4480
864		49500	11939	18859	4702
865		70500	16816	11866	5706
866		57070	12669	27450	4337
866A		18000	4662	8460	558
867		21875	4856	9165	6146
868		57781	6414	31435	18953
869		39516	9924	30743	11292
870		49780	6819	33203	5923
871		46950	8169	27841	5352
872		70500	8787	13635	4540
873		40898	9290	16195	3926
874		21570	—	6384	1207
875		2067	229	1124	132
877		1200	133	787	145
		691406	133612	285368	97469
					67253 + Rem
					164722
				+	66580
					351948

÷ 2.6 Feet over whole area

Dredged 1939 - Fall 35

Estimated Cu. Yds. Rock dredged = 133617
" " 25 = 351948
" Total = 485560

Estimated Total Recovery = $164722.00

" value per cu yd. = $\frac{164722.00}{485560}$ = 33.9 ¢

" " Sq. Ft. = $\frac{164722.00}{691406}$ = 23.8 ¢

" depth of Rock = $\frac{133617 \times 27}{691406}$ = 5.3 Feet

" " 25 = $\frac{351948 \times 27}{691406}$ = 13.7 "

" Total Depth = $\frac{485560 \times 27}{691406}$ = 19.0 "

Season 1951 - Dredge #10 Est. for R/E. 200 Days

△ No.		Area Sq. Ft	Muck Cu. Yds.	D.S. Cu. Yds.	Value	
229		7044	2423	1303	366	
230		41989	13520	11337	5039	
231		31015	15724	10328	4559	
232		48732	13689	21101	7164	
233		30400	7083	14288	5806	
234		26220	2622	14578	7630	
235		36966	7245	16856	11349	
236		46064	11424	19301	10410	
237		33600	10819	12062	4032	
238+Out		61897	16031	23583	7118	
245		33215	3687	11426	3554	
246		42102	10441	17641	4926	
247		60736	14151	26967	7956	
248		57330	9115	21843	5676	
249		56500	4329	26676	12636	
250		73000	10804	26207	15476	
251		57134	12684	23939	11712	
252+Out		136531	30310	49015	12015	
260		2074	514	844	185	
261		72	24	23	17	
262		3480	901	940	786	
263		6944	847	2055	1680	
264		43390	4339	13321	4730	
265		11040	2164	3676	1093	
266		35934	5318	11571	3018	
267+Out		14101	4019	4851	1072	
		999510	214427	385,732	$150,005	
plus				66514	103503	Prem
					$253,508	

Dredge #10, Gold @ $35.00

Estimated Cu. yd. Muck Dredged. 214427
D.S. 452246
Total 666673

Estimated Total Recovery # 253508

Est. Value per Cu. yd $\frac{253508}{666,673}$ 38.0 ¢

" " " Sq Ft $\frac{253508}{999510}$ 25.4 ¢

" Depth of Muck $\frac{214427 \times 27}{999510}$ = 5.8 Feet

" " " DS $\frac{452246 \times 27}{999510}$ 12.2 "

" Total Depth $\frac{666673 \times 27}{999510}$ = 18.0 "

Season 1911 - Dredge #11 Est. for R/E - 201 days.

Δ No.	Part Fill	Area Sq. Ft.	Muck Cu. Yds.	D.F. Cu. Yds.	Value $
256		1925	641	833	223
257		348	132	154	70
258		6300	2261	2961	1852
259A to 411		7632	3587	3961	2175
261		15720	4309	6546	1088
262		37750	10054	14180	2849
263		49892	17911	19757	7134
264		2680	814	950	596
265		45560	17722	16857	11022
266A to 411		17808	4562	8120	3241
269		31028	8842	13435	2389
270		30970	9167	12976	4150
271		48750	16770	18573	8921
272		46920	15624	12152	6897
273		22200	9035	4928	1909
278		8580	2634	2951	840
279		36750	12237	13193	9481
280		46195	9054	14181	11779
281		29097	9689	10765	6052
282		1462	486	540	11
283		34889	11618	8652	453
284		16905	6068	4192	202
285		39904	13288	13726	16919
286		30636	10201	12836	18626
287		41264	16794	19394	25418
288 to 411		55650	26767	26155	11964
289		5500	1821	1688	203
290		39928	11818	10780	1237
291		49600	17806	12300	3571
292		7550	2710	2431	3540
296		13550	3008	5013	596
297		45920	11066	16990	2801
298		49700	16003	14164	4771
299		33549	13285	9930	4395
300		5620	2641	1455	595
301		11220	6238	3444	763
		983352	338391	349715	184036
					126984 + Prem
					$311020
+ Y.G.Co. Tails		24165		20137	3020 @ 15¢ per cu. yd.
		1007517	338391	369852	314040

Dredge No. 11 - Aug. 35th

Estimated Cu Yds. Muck dredged = 338391

" " DS " = 349715

" " YG Tails " = 20137

" Total Cu Yds DS & Tails = 369852

" " " Dredged = 708543

Estimated total Recovery = $314040

" value per cu. yd = 314040000 / 708543 = 44.3 ¢

" " " Sq. Ft. = 314040000 / 1007717 = 31.2 ¢

" Depth Muck = 338391 x 27 / 1007 x 17 = 9.1 Feet

" " DS = 369852 x 27 / 1007 x 17 = 9.9 "

" Total Depth = 708243 x 27 / 1007 x 17 = 19.0 "

Season 1952

Dr #3 Estimate for R/E

Elapsed Days	Area Sq. Ft.	Total Avg. Depth	Total Cu. Yds.	Avg Value $/sq. ft	Avg Value $/c.y.	Gross % Recovery
88	619893	40.9	937979	15.9	10.5	98489

Dr. #4 Estimate for R/E

Elapsed Days	Area Sq. Ft.	Total Avg. Depth	Total Cu. Yds.	Avg Value $/sq. ft	Avg Value $/c.y.	Gross % Recovery
208	938673	30.5	1058942	26.1	23.1	244168

Season 19[illegible] - Dr #6 Est. for R/E - 181 days

Δ No	Area Sq Ft	Muck Cu. Yds.	O.S. Cu. Yds.	Value $
[illegible]2	23190	1971	[illegible]935	9160
[illegible]7	12000	1776	12000	[illegible]174
[illegible]8	11[illegible]9[illegible]	849	13047	[illegible]375
[illegible]9	72700	8070	77280	19411
60	708[illegible][illegible]	[illegible]621	77930	[illegible]4[illegible]83
61	36800	1766	38[illegible]66	69[illegible][illegible]
66	12650	936	11246	2037
67	99340	4768	100433	[illegible]26[illegible]0
68	147110	12[illegible]04	[illegible]4171	[illegible]0312
69	140003	1[illegible][illegible]40	140003	32061
70	16[illegible]0	[illegible]44	18[illegible]1	416
73	66[illegible]	66	697	146
74	[illegible]2206	3289	[illegible]2206	7100
75	997[illegible]	369	10713	186[illegible]
76	9880	109	10720	[illegible]772
Totals	700489	[illegible]4878	723798	186467
				128662 + Prem
				315129

Dredge No. 6 - Aug. 30-00

Estimated Cu. Yds. Muck dredged = 54878
" " " D.S. " = 723798
" " Total " " = 778676

Estimated Total Recovery = $31512.79

" Value per Cu. Yd = 3151290 / 778676 = 40.5 ¢
" " " Sq. Ft. = 3151290 / 700489 = 45.0 ¢
" Depth Muck = 54878 x 27 / 700489 = 2.1 Ft.
" " D.S. = 723798 x 27 / 700489 = 27.9
" Total Depth = 778676 x 27 / 700489 = 30.0

Season 19?? - Dr #8 Est. for R/E - ?? days

△ №	Area Sq. Ft	Muck Cu. Yds	OS Cu. Yds	Value $
421	12090	1027	4787	2624
422	67564	5743	14???	2?68
423	75000	7500	24975	26400
424	7112?	6045	2?053	20?00
42?	9300	1135	?167	679
426	?040	?59	1?50	358
427	?2600	?839	13045	4471
428	75000	10?75	?0?70	11?50
429	6495?	6495	19???	13704
430	10600	901	4197	?661
43?	46?0	?73	1?38	665
436	61?00	?70?	1811?	8996
437	73?50	10035	19777	?771
438	42?00	?8??	10?40	10?0
439	33800	6?53	10007	1???
440	6077?	899?	1?741	?431
441	7800	9??	?800	1786
447	9?6?	1141?	441?1	1640
448	350	39	186	114
449	1?010	1910	?332	3711
450	?06?	311?	7?33	4686
451	60000	1??40	11760	??70
45?	4?8?7	11498	10?61	?087
453	6300	932	?400	762
454	84000	7174	113??	401?
45?	18600	1?81	6882	?9?7
456	?6804	11367	?????5	1??19
457	43488	?9?8	18??1	9?74
458	68680	1?706	31318	14?17
459	30680	4878	1?149	337?
Totals	11?1499	161431	361110	16?763
				114376 + Prem.
				?80139
		+	?13?40	
			?743?0	= ?.0 F-t extra overwhole area

Dr #8 - 1952 - Hu 35°

Estimated cu. yds. Muck dredged = 161431
- D.S. - = 573450
- Total - - = 735781
- Recovery = 2801399

- Value per Cu. Yd. = $\frac{2801399}{735781}$ = 38.1 ¢
- - - Sq. Ft. = $\frac{2801399}{1151499}$ = 2.4.3 ¢
- Depth Muck = $\frac{161431 \times 27}{1151499}$ = 3.8 Ft.
- - D.S. = $\frac{573450 \times 27}{1151499}$ = 13.5 -
- Total Depth = $\frac{735781 \times 27}{1151499}$ = 17.3

Season 19[illegible] - Dr#9 Est. for R/E - 21[illegible] days

Δ No.	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $
867	8[illegible]80	190[illegible]	3[illegible]9[illegible]	[illegible]411
868	900	100	490	[illegible]9[illegible]
869	110[illegible]0	81[illegible]	8[illegible]73	4[illegible]6[illegible]
870	696	9[illegible]	464	83
871	4350	7[illegible]7	[illegible]180	496
87[illegible]	1995[illegible]	[illegible]114	1085[illegible]3	1[illegible]76
876	479[illegible]	8003	[illegible]305[illegible]	3163
877	4977[illegible]	[illegible]5[illegible]4	3[illegible]6[illegible]0	60[illegible]
878	[illegible]5[illegible]00	10[illegible]67	3496[illegible]	88[illegible]4
879	48[illegible]00	8917	3[illegible]680	[illegible]0196
880	43 77[illegible]	13439	17816	17[illegible]10
881	47835[illegible]	14,[illegible]9	17699	1[illegible]403
882	[illegible][illegible]00	8[illegible]14	8791	1[illegible]6[illegible]
883	43360	136[illegible]8	17647	[illegible]77[illegible]
884	[illegible]0[illegible]00	16[illegible]61	19[illegible]40	7676
885[illegible]	46[illegible]88	15[illegible]3	18330	10411[illegible]
886	[illegible][illegible]000	19[illegible]40	[illegible]3088	1[illegible]168
887	[illegible]6916	189[illegible]3	[illegible]316[illegible]	8480
888	[illegible]0000	[illegible]0350	1665[illegible]0	71,[illegible]0
889	4796[illegible]	13334	18[illegible]7[illegible]	4700
890	16[illegible]80	905[illegible]	[illegible]421	1481
89[illegible]	36[illegible]4	[illegible]031	906	778
893	360	[illegible]13	89	79
894	10000	[illegible]5[illegible]60	[illegible]8[illegible]0	1430
895[illegible]	780	40[illegible]	[illegible]31	[illegible]5[illegible]
896	73[illegible]0	[illegible]991	[illegible]800	30[illegible]8
897	13[illegible]0	4[illegible]4	[illegible]03	[illegible]1[illegible]
898	10061	[illegible]8[illegible]7	43[illegible]6	1398
Total	[illegible]7537	[illegible]1[illegible]61	347[illegible]9	136[illegible]3[illegible] 9[illegible]09 + Prem [illegible]30074

Dredge No. 9 - Aug 35th

Estimated Cu Yds. Muck dredged = 21566
" " " OS " = 34759
" " " Total " = 56325
" " Total Recovery = $300740
" Value per Cu. Yd. = $300740 / 56325 = 40.8 ¢
" " " Sq Ft = $300740 / 7537 = 30.4 ¢
" Depth Muck = 21566 x 7 / 7537 = 7.7 Ft
" " OS. = 34759 x 7 / 7537 = 5.4 "
" Total Depth = 56325 x 7 / 7537 = 20.1 "

Season 19?? Dr #10 Est. for R/E - ??? days.

△ No	Area Sq. Ft	Muck Cu. Yds	D.S. Cu. Yds	Value $
??9	3??0	394	13??	1037
?60	31760	4876	1??6	?8?7
?61	47?00	1?817	1?295	109?5
?6?	4?000	116??	1?1?0	10170
?63	44340	?409	131??	10730
?64	19600	1960	6017	?136
?6?	3987?	781?	13?78	3948
?66	1?680	3889	?049	1317
?67	40080	11423	13787	3046
?73	1710	?06	4?4	??3
?74	40818	9837	1?087	7???
?75	?6066	14??1	19?86	171?6
?76	?6000	10976	?1336	1??3?
?77	?04?0	6907	19?10	10?38
?78	49000	4900	19943	108?9
?79	48010	8882	16?1?	11618
?80	43180	14379	11184	8981
?81	3784?	1?403	10?18	?119
?8?	1836?	47?6	4?79	?14
?88	17360	3?12	4496	3?1?
?89	161?0	3?88	4949	309?
?90	4?380	7896	17?90	6807
?91	18900	?789	6787	?79
?9?	43090	?7?7	16417	6937
?93	?7380	3477	100?0	?7?4
?94	48050	11196	16000	11100
?9?	?1000	9996	16983	7344
?96	47650	14104	10?78	4431
?97	3?930	1?184	7673	?338
Totals	1034??9	??7?04	338677	181918
				1??7?3
				307441

+ 1?647?8

46?135

+ Item

= 3.3 Ft over whole area

Dr #10 - Au. 35°

Estimated Cu. Yds. Muck dredged = 22704
" " " O.S. = 46135
" " Total " = 68839

Estimated Recovery = $ 3074410 =

" Value per Cu. Yd = $\frac{3074410}{68839}$ = 44.4 ¢

" " " - 5% ¢ = $\frac{3074410}{1034659}$ = 29.7 ¢

" Depth Muck = $\frac{22704 \times 27}{1034659}$ = 5.9 Ft.

" " O.S. = $\frac{46135 \times 27}{1034659}$ = 12.1 "

" Total Depth = $\frac{68839 \times 27}{1034659}$ = 18.0 "

Season 195- - Dr. #11 Est. for 195- - -09 Days.

Δ No.	Area Sq. Ft.	Muck Cu Yds	O. S. Cu. Yds.	Value $
-46	4875	1389	-164	80-
-46A	675	1--	371-	13-
-46B Total	6---	-486	-897	-35-
-47	-1414	3961	-310	-7-0
-48	1--10	4-17	46--	-833
-49	-0000	19800	--00	148-0
--50	-3-0	10960	9491	4--4
--51	-775-	11637	11637	-194
--52	--17-	9969	9314	430-
--53A	11-70	-137	4708	-013
--53B Pool	-140-	108--	79-0	1-84
--53	9---	1706	-149	1181
--54	4485	99-1	16-85	6813
--55	4805	14---	-13-3	103--
--56	41-30	13730	178--	4783
--57	2---0	10001	116--	-3-9
--58	14980	-377	7040	4404
--58A	99-0	4676	-164	-836
--58B Pool	3-170	17050	1-473	4632
--59	1-61-	3466	4793	-19
-60	-03-0	11731	1807-	1863
-61	44830	12776	19411	3--8
-62	9-40	-98	4130	830
-66	--71-	8404	6474	1090
-67	43410	1-849	13978	781
-68	-1660	14--3	19114	-376
-69	196-0	-600	8-08	1-13
-70	19000	-6-4	7961	--46
-74	19600	7---	7761	941
-75-	43706	1-384	166--	-24
-76	-029-	16194	16194	-01-
-77	399-0	13303	1--6-	1398
-78	39100	1-004	134-0	383-
-79	13-05	4397	4740	3407
-8--	18108	6030	6700	14--
-83	87--	-91-	-171	114
-84	3177-	11407	7880	381
-85-	8000	-664	-75-	339-
-86	9000	-997	3771	-47-
Totals	989860	330204	374689	115579
				7975 + Prem
				19539

Dredge N° 11 - Aug 35th

Estimated Cu. Yds. Muck dredged = 330204
" " D.S. " = 374689
" " Total Cu. Yds. " = 704893

Estimated Recovery = $19,739.00

" " Value per Cu. Yd. $\frac{19,739.00}{704893}$ = 27.7 ¢
" " " Sq. Ft. = $\frac{19,739.00}{989860}$ = 19.7 ¢
" " Depth Muck = $\frac{330204 \times 27}{989860}$ = 9.0 Ft.
" " " D.S. = $\frac{374689 \times 27}{989860}$ = 10.2 "
" " Total Depth = $\frac{704893 \times 27}{989860}$ = 19.2 "

In addition #11 re-dug 11395 Cu. Yds
of her own Tailings at no estimated value

Season 1913 - Orth - Est for R/E - 188 days

Elapsed Days	Area Sq. Ft.	Total Avg Depth	Total Cu. Yds	Avg value ¢/Sq Ft.	Avg value ¢/Cu Yd.	Gross Recovery
188	1012059	34.1	1278699	25.8	20.4	260855

Paradise Hill

137 1274[illegible] 30.0 38234

Season 1953 - Dredge #6 Est for R/E - 171 days.

△ No	Area Sq. Ft.	Muck Cu. Yds	D.S. Cu. Yds.	Value $
67	11600	556	11757	6455
68	37675	3557	39003	9465
69	15000	1337	15000	3748
73	87005	8700	91181	19054
74	100587	6336	100587	13680
75	8781	3549	94313	16451
76	76910	846	83447	17689
81	3350	150	3334	367
83	38308	1417	38308	4704
84	71170	7900	76436	17797
85	3970	659	3080	591
86	37155	3457	38090	5754
87	19350	1431	18130	3328
88	2100	100	2000	328
Totals	577865	38450	601658	115463
				79669 + Prem
				195132

Dredge No 6 - Au 35-00

Est Cu Yds. Muck dredged = 38450
" D.S. " = 60168
" Total Cu Yds - = 640108

Est. Total Recovery = $19513

Est value per cu yd. = $19513200 / 640108 = 30.5 ¢

" " - Sq. Ft. = $19513200 / 577865 = 33.8 ¢

" Depth Muck = 38450 x 27 / 577865 = 1.8 Ft.

" " D.S = 601685 x 27 / 577865 = 28.1 "

" Total Depth = 640108 x 27 / 577865 = 29.9 "

Season 1953 - Dr. # 8 Est. for R/E - 189 days.

Δ No.	Area Sq. Ft.	Muck Cu. Yds.	D.S. Cu. Yds.	Value $
415	20256	972	8244	7049
416	12180	1352	4507	2022
417	25056	4360	7417	3257
420	74378	9074	27520	11529
421	62115	5280	24598	13479
430	63500	5398	25146	15939
419	576	64	207	40
432	432	21	187	30
431	35856	1721	15920	6741
434	21120	1563	8047	3041
435	65446	7265	21794	9424
436	10650	905	3152	1566
440	16240	2404	4206	650
441	68072	8305	24438	15588
442	72930	8095	29683	15826
443	55080	4652	26493	12613
450	54740	8102	18831	12207
449	67626	10753	30026	20896
448	70040	7774	37121	22833
447	60750	8991	27702	10206
Totals	857043	97081	345239	184936
				127606 + Prem.
				312542

95227 = 3.0 Ft. extra over whole area

44046

Dr #8 - 1953 Av #35 ¢

Estimated cu.yds. Muck dredged 97081

D.S. 440466

Total 537547

Recovery #312542

Value per Cu Yd. $\frac{31254200}{537547} = 58.1¢$

Sq. Ft. $\frac{31254200}{857043} = 36.5¢$

Depth Muck $\frac{97081 \times 27}{857043} = 3.1$ Ft.

D.S. $\frac{440466 \times 27}{857043} = 13.8$ Ft

Total Depth $\frac{537547 \times 27}{857043} = 16.9$ Ft.

Season 1953 - Dr #9. Est. for R/E - 193 days

Δ No	Area Sq. Ft.	Muck Cu Yds	D. S. Cu Yds.	Value $
898	39535	11109	17119	5495
897	48460	16670	18463	18802
896	34192	13916	13027	14087
895	49220	25545	14569	16144
894	38600	21462	11001	5520
893	49622	29426	12306	10917
892	31736	17645	7871	6760
891	13136	7304	3402	1773
907	55570	21617	19950	11003
908	3900	866	1299	265
906	39762	15746	12207	7595
905	50678	27569	10693	6994
904	37345	15648	10831	1942
903	49020	21226	15784	15735
902	42826	13790	17944	16574
901	50000	17200	19800	18650
900	50000	16100	20950	6800
899	41652	12329	17452	3166
917	20540	6840	9120	2280
916	3640	1387	1929	866
915	8868	3051	4700	2465
918	510	170	151	118
Totals	758812	316616	260568	173851
				119957 + Prem.
				293808

Dr. #9 - 1953 Av. 135°

Estimated cu. yds. Muck dredged	316616
" " " D.S.	260568
Total cu. yds.	577184

Recovery $293808

Value per cu yd. $\frac{29380800}{577184} = 50.9$ ¢

" " " Sq. Ft $\frac{29380800}{758812} = 38.7$ ¢

Depth Muck $\frac{316616 \times 27}{758812} = 11.3$ Ft

" " D.S. $\frac{260568 \times 27}{758812} = 9.3$ Ft.

Total depth $\frac{577184 \times 27}{758812} = 20.5$ Ft.

Season 1953 - Dr. #10 Est. for RIE - 200 days

Δ 1/2	Area Sq Ft	Rock Cu Yds	O.B. Cu. Yds	Value $
289	13650	2784	4190	2621
290	7954	1384	3030	1193
291	31000	4247	11129	868
292	7000	854	2667	1127
293	28150	3856	11147	5827
303	2005	3553	1908	972
304	2695	6981	5687	1887
305	50000	14800	10550	1350
306	50000	11100	14250	1350
307	43050	11150	13216	4133
308	50000	7950	19800	7200
309	26250	15187	22893	11194
310	47190	8730	19206	8258
311	49000	13230	16856	5978
312	52250	7158	14891	3710
313	44000	10536	10912	3476
313A	4447	4495	1036	387
317	1650	4333	3145	2937
318	2175	4150	4700	3303
319	44080	10270	8154	4441
320	28400	6669	4329	2534
321	39076	14887	9104	3751
322	24702	10053	6126	2445
323	50960	20180	16970	7899
324	23460	8938	7554	2252
325	44792	15408	14915	3942
326	13800	4347	3933	4552
327	41095	18246	10643	3123
327A	680	969	243	83
	916471	225445	273184	92396
				63753 + Prem
		+ 81464		156149
		306648		

= 2.4' over whole area (min. depth 18')

Dredge No. 10 - Bu 3v [illegible]

Estimated Cu. Yds. Muck dredged = [illegible]
" " O.S. " = 3v74 648
" Total " " = 610093

Estimated Total Recovery = $ [illegible] 6149

Estimated value per Cu. Yd. = $\frac{\text{[illegible]}6149\text{00}}{610093} = \text{[illegible]}5.6\,¢$

" " " Sq. Ft. = $\frac{\text{[illegible]}6149\text{00}}{91647\text{1}} = 17.0\,¢$

" Depth Muck = $\frac{\text{[illegible]}5\text{[illegible]}44\text{[illegible]}5 \times 27}{91647\text{1}} = 7.\text{[illegible]}5$ Ft.

" " O.S. = $\frac{3\text{[illegible]}4648 \times 27}{91647\text{1}} = 10.4$ "

" Total Depth = $\frac{610093 \times 27}{91647\text{1}} = 17.9$ "

Season 1913 - Draft Est. for R/E - 197 Days

Δ No.	Area Sq. Ft.	Muck Cu Yds	2.5 Cu. Yds.	Value $	
223	6300	116	797	761	
224	1198	3236	3417	1630	
225	37800	8807	8807	2608	
226	12600	3407	3729	2117	
227	37010	9785	1136	7809	
228	432	96	171	125	
229	6880	1348	3137	1741	
230	228	42	104	40	
231	4899	7251	1685	1078	
232	49460	8606	20723	5094	
233	50290	613	24793	8925	
234	45000	8325	19980	11385	
235	50500	9898	23028	9141	
230A	5069	10696	23826	5472	
236	31271	9601	13754	2940	
237	22550	7509	8930	2999	
238	48500	7711	22795	7081	
239	19110	2331	10129	4831	
239A	20992	3883	1089	4912	
240	1393	4793	6187	7121	
241	23660	2011	14030	14929	
242	20280	750	12749	7260	
243A	1390	1029	8760	4769	
243B	1346	2140	771	3178	
243	1833	6782	7462	10488	
244	24890	6720	13192	17348	
245	25676	8832	12067	6239	
246	20790	5925	9230	3846	
246A	15004	3167	8342	2941	
246B	8750	3333	3885	717	
248	9260	3426	3528	2148	
249	1800	713	799	535	
250	4310	2025	1724	784	
Totals	76462	161273	338216	162826	
				11230	+ Rem
				274176	

Dredge No. 11 - Run 700

Est. Cu. Yds. Muck dredged = 161,773

" - D.S. - = 338,716

" Total - = 499,489

" Total Recovery = $27,517,600 ≈

" Value per Cu. Yd. = $\frac{27,517,600}{499,489}$ = 55.1 ¢

" - - Sq. Ft. = $\frac{27,517,600}{764,667}$ = 36.0 ¢

" Depth Muck = $\frac{161,773 \times 27}{764,667}$ = 5.7 Ft.

" - D.S. = $\frac{338,716 \times 27}{764,667}$ = 11.9 -

" Total Depth = $\frac{499,489 \times 27}{764,667}$ = 17.6 -

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