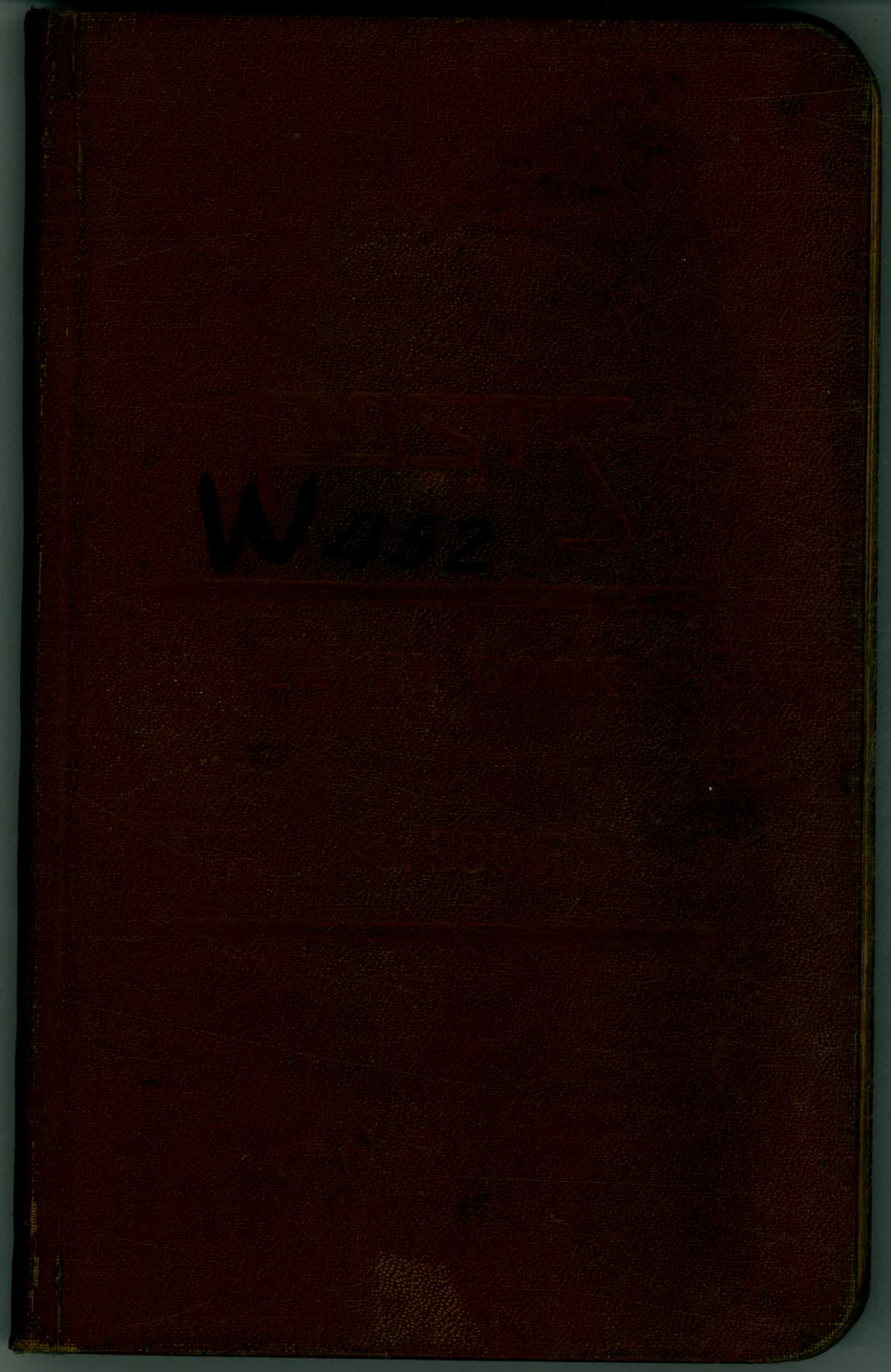
W482

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THE FREDERICK POST CO.

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452

Index

X-SECTIONS OF HYDRAULIC FILL

Copied from Contractors Notes

DOWNSTREAM BEACH

North 3190 is O.G.

N 3200

From Corewall 691.0

E. 4901	10.6	80.4 ✓	Water edge
4895	8.2	82.8 ✓	
4873	6.2	84.7	
4872	5.0	86.0 ✓	

N 3210

4903	10.6	80.4 ✓	Water
4896	8.2	82.8 ✓	
78	6.4	84.6 ✓	
72	3.3	87.7 ✓	

N 3220

4911			Water
4906	8.5	82.5 ✓	
4890	8.1	82.9 ✓	
4877	5.6	85.4 ✓	

N 3230

4914			Water
4909	8.1	82.9	
4890	7.6	83.4	
77	5.6	85.4	
72	3.5	87.5	

7.0. Nov. 9, 1933

691.0

Delaney
Agnew
Yelle Oct. 21, 1933

1

N 3240

Oct. 21, 1933

4924			Water
18	8.3	82.7 ✓	
4900	7.7	83.3 ✓	
4879	5.6	85.4 ✓	
72	2.8	88.2 ✓	

N 3250

4930			W.
24	8.3	82.7 ✓	
4900	7.5	83.5 ✓	
4880	5.4	85.6 ✓	
72	2.2	88.8 ✓	

N 3260

4933			W.
28	8.4	826 ✓	
4900	7.4	836 ✓	
4882	5.7	85.3 ✓	
72	2.1	88.9 ✓	

N 3270

4937			W.
32	8.5	825 ✓	
4900	7.4	83.6 ✓	
4880	5.6	854 ✓	
72	2.0	89.0 ✓	

691.0

N 3280

4940			W.
34	8.5	82.5	✓
4900	7.2	83.8	✓
4879	5.2	85.8	✓
72	3.6	87.4	✓

N 3290

4941			W.
36	8.7	82.3	✓
4900	7.1	83.9	✓
4882	5.9	85.1	✓
72	2.7	88.3	✓

N 3300

4941			W.
36	8.5	82.5	✓
4900	7.0	84.0	✓
4882	5.5	85.5	✓
72	2.6	88.4	✓

N 3310 691.1

4941			W.
35	8.5	82.6	✓
4900	7.2	83.9	✓
4881	5.6	85.5	✓
72	2.6	88.5	✓

691.1

N 3320

4940			W.
34	8.6	82.5	✓
4900	7.2	83.9	✓
4881	5.3	85.8	✓
72	2.5	88.6	✓

N 3330

4939			W.
34	8.7	82.4	✓
4900	7.3	83.8	✓
4879	5.1	86.0	✓
72	2.3	88.8	✓

N 3340

4940			W.
34	8.7	82.4	✓
4900	7.3	83.8	✓
4879	5.3	85.8	✓
72	2.3	88.8	✓

N 3350

4941			W.
36	8.7	82.4	✓
4900	7.4	83.7	✓
4880	4.7	86.4	✓
72	2.4	88.7	✓

691.1

N 3360

4942			W.
39	9.0	82.1	✓
4900	7.3	83.8	✓
4883	5.1	86.0	✓
72	2.0	89.1	✓

N 3370

4946			W.
41	9.1	82.0	✓
4900	7.4	83.7	✓
4883	5.2	85.9	✓
72	1.7	89.4	✓

N 3380

4946			W.
42	9.1	82.0	✓
10	8.0	83.1	✓
4883	5.8	85.3	✓
72	1.8	89.3	✓

N 3390

4946			W.
41	9.1	82.0	✓
10	7.8	83.3	✓
4885	6.2	84.9	✓
72	1.6	89.5	✓

N 3400 691.1

4946			W.
42	9.1	82.0	✓
10	7.9	83.2	✓
4884	6.4	84.7	✓
72	1.0	90.1	✓

N 3410

4945			W.
40	9.2	81.9	✓
10	8.2	82.9	✓
4882	5.9	85.2	✓
72	0.8	90.3	✓

N 3420

4945			W.
42	9.3	81.8	✓
10	8.2	82.9	✓
4881	5.9	85.2	✓
72	0.9	90.2	✓

N 3430

4944			W.
40	9.3	81.8	✓
10	8.1	83.0	✓
4880	6.3	84.8	✓
72	0.9	90.2	✓

N3440 691.1

4946 W.
43 9.3 81.8 ✓
10 8.1 83.0 ✓
4881 6.3 84.8 ✓
72 0.9 90.2 ✓

N3450

4947 W.
44 9.2 81.9 ✓
10 8.0 83.1 ✓
4882 7.0 84.1 ✓
72 1.2 89.9 ✓

N3460

4948 W.
44 9.2 81.9 ✓
10 8.2 82.9 ✓
4880 6.3 84.8 ✓
72 1.3 89.8 ✓

N3470

4950 W.
47 9.2 81.9 ✓
10 7.9 83.2 ✓
4879 6.2 84.9 ✓
72 1.4 89.7 ✓

N3480 691.1

4952 W
48 9.1 82.0 ✓
10 8.0 83.1 ✓
4881 6.2 84.9 ✓
72 1.4 89.7 ✓

T.P. 690.7

N3490

4950 W
47 8.7 82.0 ✓
4900 7.0 83.7 ✓
4881 5.5 85.2 ~~85.8~~

N3500 688.8

4949 W
45 6.9 81.9 ✓
4900 5.0 83.8 ✓
4882 3.6 85.2 ~~87.5~~

N3510

4948 W
43 6.9 81.9 ✓
4900 5.0 83.8 ✓
4882 3.8 85.0 ~~87.3~~

N 3520 688.8

4947			W.
43	6.9	81.9	
4900	5.1	83.7	
83	4.1	84.7	

N 3530

4946			W.
42	6.9	81.9	
4900	5.1	83.7	
4881	3.9	84.9	

N 3540

4949			W.
46	6.8	82.0	
4900	5.1	83.7	
4883	4.1	84.7	

N 3550

4952			W.
48	6.9	81.9	
4900	5.0	83.8	
4883	4.0	84.8	

N 3560

4953			W.
47	6.9	81.9	
4900	5.0	83.8	
4881	3.1	85.7	

N 3570 688.8

4952			W.
49	6.9	81.9	
4900	4.8	84.0	
4882	3.6	85.2	

N 3580

4952			W.
49	6.9		
4900	4.7		
4883	3.5		

N 3590

4950			W.
46	7.0	81.8	
4900	4.6	84.2	
4881	3.2	85.6	

687.7

N 3600

4948			W.
44	5.6	82.1	
4900	3.8	83.9	
4881	2.3	86.5	

N 3610

4945			W.
41	5.7	82.0	
4900	4.1	83.6	
4883	2.7	86.1	

N 3620 687.7

4948			W.
45		5.8	81.9
4900		4.0	83.7
4882		2.6	85.1

N 3630

4948			W.
45		5.7	82.0
4900		4.0	83.7
4882		2.9	84.8

N 3640

4949			W.
46		5.7	82.0
4900		4.1	83.6
4882		3.4	84.3

N 3650

4951			W.
48		5.8	81.9
4900		4.0	83.7
4884		3.1	84.6

N 3660

4953			W.
49		5.7	82.0
4900		3.9	83.8
4889		3.1	84.6

N 3670 687.7

4954			W.
50		5.7	82.0
4900		4.0	83.7
4885		2.7	85.0

N 3680

4955			W.
52		5.6	82.1
4900		3.8	83.9
4885		2.6	85.1

N 3690

4956			W.
52		5.6	82.1
4900		3.8	83.9
4885		2.4	85.3

687.2

N 3700 = S. Edge of Draghine exc.

4955			W.
52		5.1	82.1
4900		2.9	843
4884			85.2

N 3710 687.2

4958			W.
50	5.2	82.0	
08	3.5	83.7	Bottom of
02	5.7	81.5	excav.
4896	2.9	84.3	
82			

N 3720

4952			W
49	5.2	82.0	
11	3.6	83.6	Bott. of Small
04	6.8	80.4	Exc.
4897	3.2	84.0	
83			

N. 3726 is South end of this Exc.

N 3730

4952			W.
49	5.2	82.0	
39	4.8	82.4	
26	7.4	79.8	Exc.
13	3.7	83.5	
12	3.7	83.5	In Small
04	5.7	81.5	Exc.
4897	3.1	84.1	
82			

N 3740 687.2

4953			W.
50	5.3	81.9	
39	4.9	82.3	
31	10.6	76.6	Bottom
19	10.7	76.5	"
4900	3.0	84.2	
4882			

N 3750

4957			W.
54	5.1	82.1	
36	4.5	82.7	Bottom of
28	11.6	75.6	Exc.
12	10.7	76.5	" " "
4900	2.6	84.6	
4882			

N 3760

4960			W.
57	5.2	82.0	
32	4.3	82.9	
22	12.8	74.4	Bot.
10	12.9	74.3	"
4898	2.5	84.7	
82			

N 3770 687.2

4961			W.
58	5.3	81.9	
24	3.7	83.5	
16	11.8	75.4	Bot.
09	11.6	75.6	"
4898	2.5	84.7	
82			

N 3780

4961			W.
58	5.3	81.9	
33	4.2	83.0	
27	7.3	79.9	Bottom
09	10.8	76.4	"
02	9.3	77.9	"
4896	2.5	84.7	
83			

688.2

N 3790

4960			
57	6.2	82.0	
30	5.0	83.2	
23	9.3	78.9	Bott.
01	8.8	79.4	"
4894	3.4	75.8	
82			

N 3800 688.2

4959			W.
57	6.5	81.7	
19	4.6	84.6	
05	8.0	80.2	Bottom
4893	3.7	85.5	
82		88.2	

N. 3805 is North end of Exc.

N 3810

4958			W.
54	5.8	82.4	
4900	3.5	85.7	Toe of Rock
4882	3.2	85.0	Interp. from here N.

N. 3815 is South end of following Exc.

N 3820

4960		? 88.2	
56	6.1	82.1	
19	4.3	83.9	
04	5.7	82.5	Bottom of Exc.
4891	3.2	85.0	
83		685.1	

N 3830 688.2

4963		88.2	W.
59	5.9	82.3	
23	4.6	84.6	
06	11.3	76.9	Both.
4891	3.0	85.2	
84		85.2	

N 3840

4964		~~88.2~~	W.
61	5.8	82.4	
23	4.6	83.6	
15	10.6.	77.6	Bottom
03	10.5	77.7	"
4892	3.1	85.1	
85		85.3	

N 3850

4966		88.2	W.
61	5.8	82.4	
27	4.6	83.6	
17	10.7	77.5	Bott.
05	11.8	76.4	"
4892	3.2	85.0	
86		85.4	

N 3860 688.4

4966		80.4	W.
60	5.9	82.5	
27	4.8	83.6	
18	9.5	78.9	Both.
06	11.4	77.0	"
4893	3.5	84.9	
87		85.5	

N 3870

4967		80.4	W.
62	6.1	82.3	
25	4.6	83.8	
18	9.8	78.6	Both.
07	10.3	78.1	"
4893	3.0	85.4	
87		85.5	

N 3880

4966		80.4	W.
62	6.1	82.3	
25	4.5	84.9	
16	10.5	77.9	Both.
03	9.5	78.9	"
4894	3.1	85.3	
88		85.6	

DOWNSTREAM Contd.

N 3890	688.4			
4964			80.4	W.
60		6.1	82.3	
28		4.7	83.7	
18		10.0	78.4	Bott.
05		10.5	77.9	"
4895		3.0	85.4	
89			85.6	
N 3900				
4964			80.4	W.
59		6.0	82.4	
31		4.9	83.5	
20		12.0	76.4	Bott.
03		10.7	77.7	"
4895		3.0	85.4	
90			85.7	

(End. Sat. Oct. 21, 1933)

N 3910	687.9		(Oct. 23-33)	
4963		7.7	680.2	W.
58		5.4	82.5	
36		4.7	83.2	
26		12.3	75.6	In Exc.
07		11.7	76.2	" "
4895		2.3	85.6	
90			85.7	

N 3920	687.9			
4962			80.2	W.
56		5.4	82.5	
36		4.5	83.4	
28		11.8	76.1	Exc.
07		11.5	76.4	"
4895		2.2	85.7	
91			85.8	
N 3930				
4959			80.2	W.
54		5.7	82.2	
32		4.5	83.4	
22		13.1	74.8	Exc.
06		9.4	78.5	"
4895		2.2	85.7	
91			85.8	

N 3940 = N. End of Exc.

4957			80.2	Water.
52		6.0	81.9	
25		4.3	83.6	
4892		2.0	85.9	

N. 3950 is O.G.

UPSTREAM (Oct. 23-33)

N 3120 IS O.G.

N 3130	688.1			
E. 5054				Beach Intesect
		4.9	84.2	Side Hill
90		3.1	85.0	
5106		2.8	85.3	
N 3140				
5049		5.9	82.2	" " "
90		3.8	84.3	
5106		2.8	85.3	
N 3150				
5056			680.2	Water
61		5.6	82.5	
5104		3.7	84.4	
N 3160				
5059				W.
65		5.5	82.6	
5102		3.6	84.5	
N 3170				
5060				W.
66		5.6	82.5	
5103		3.0		
N 3180				
5062			88.1	W.
68		5.5	82.6	
5103		3.5	84.6	
N 3190	688.1			
5059			80.2	W.
64		5.7	82.4	
5103		3.5	84.6	
N 3200				
5058			80.2	W.
63		5.8	82.3	
97		4.2	83.9	
N 3210				
5057				W.
61		5.7	82.4	
98		3.8	84.3	
N 3220				
5056				W.
61		5.8	82.3	
97		4.2	83.9	
	688.0			
N 3230				
5055			80.2	W.
59		5.7	82.3	
95		4.2	83.8	
N 3240				
5056			80.2	W.
60		5.7	82.3	
96		3.9	84.1	

N 3250 688.0

5057		80.2	W.
63	5.5	82.5	
97	3.3	84.7	

N 3260

5058		80.2	W.
63	5.7	82.3	
5100	2.7	85.3	

N 3270

5059		80.2	W.
64	5.7	82.3	
5101	2.6	85.4	

N 3280

5061		80.2	W.
66	5.5	82.5	
5100	3.4	84.6	

N. 3290

5062		80.2	W
66	5.7	82.3	
5100	2.7	85.3	

N 3300

5062		80.2	W.
66	5.6	82.4	
5102	2.3	85.7	

N. 3310 688.0

5060		80.2	W.
65	5.6	82.4	
5100	2.6	85.4	

N 3320

5059		80.2	W.
64	5.5	82.5	
98	3.0	85.0	

N 3330

5058		80.2	W.
64	5.5	82.5	
98	3.5	84.5	

N 3340

5058		80.2	W.
64	5.5	82.5	
5100	3.4	84.6	

687.7

N 3350

5058		80.2	W.
63	5.2	82.5	
99	3.0	84.7	

N 3360

5060		80.2	W.
65	5.3	82.4	
98	3.3	84.4	

N 3370 687.7

5061		80.2	W.
66	5.3	82.4	
96	3.3	84.4	

N 3380

5061		80.2	W.
66	5.4	82.3	
98	3.0	84.7	

N 3390

5058		80.2	W.
63	5.4	82.3	
97	2.9	84.8	

N 3400

5056		80.2	W.
61	5.5	82.2	
96	3.7	84.0	

N 3410

5054		80.2	W.
60	5.6	82.1	
95	3.0	84.7	

N 3420

5053		80.2	W.
60	5.4	82.3	
94	3.8	83.9	

N 3430 687.7

5054		80.2	W.
60	5.9	81.8	
93	3.5	84.2	

N 3440

5055		80.2	W.
61	5.8	81.9	
94	3.8	83.9	

N 3450

5057		80.2	W.
62	6.0	81.7	
89	4.6	83.1	

N 3460

5058		80.2	W.
63	5.9	81.8	
	4.8	82.9	

N 3470

5057		80.2	W.
62	5.9	81.8	
88	4.4	83.3	

N 3480

5056		80.2	W.
61	5.8	81.9	
86	4.7	83.0	

N 3490 687.7

5056		80.2	W.
61	5.8	81.9	
83	5.0	82.7	

687.3

N 3500

5054		80.2	W.
59	5.5	81.8	
82	4.7	82.6	

N 3510

5055		80.2	W.
60	5.5	81.8	
82	4.5	82.8	

N 3520

5056		80.2	W.
60	5.5	81.8	
83	4.6	82.7	

N 3530

5057		80.2	W.
61	5.5	81.8	
83	4.5	82.8	

N 3540

5057		80.2	W.
62	5.5	81.8	
82	4.6	82.7	

N 3550 687.3

5059		80.2	W.
64	5.5	81.8	
82	4.7	82.6	

687.5

N 3560 (Oct. 27, 1933)

50		680.7	W.
5064	5.8	81.7	
81	4.9	82.6	

N 3570

50		80.7	W
5064	5.8	81.7	
81	4.8	82.7	

N 3580

50		80.7	W
5066	5.7	81.8	
81	5.1	82.4	

N 3590

50		80.7	W
5067	6.0	81.5	
80	5.2	82.3	

N 3600

50		80.7	W
5065	5.8	81.7	
80	5.0	82.5	

R.E.L. Nov 13-33.

687.5

N 3610

50		80.7	W
5063	5.9	81.6	
80	4.9		

N 3620

50		80.7	W
5063	5.7	81.8	
80	4.9	82.6	

N 3630

50		80.7	W
5061	5.1	82.4	
80	4.9	82.6	

N 3640

50		80.7	W
5060	5.7	81.8	
80	4.9	82.6	

N 3650

50		80.7	W
5058	5.8	81.7	
79	4.8	82.7	

N 3660

50		80.7	W
5056	5.6	81.9	
79	4.8	82.7	

687.5

N 3670

50		80.7	W
5057	5.5	82.0	
78	4.7	82.8	

N 3680

50		80.7	W
5055	5.5	82.0	
76	4.8	82.7	

N 3690

50		80.7	W
5056	5.8	81.7	
74	5.1	82.4	

N 3700

50		80.7	W
5058	5.7	81.8	
75	5.3	82.2	

N 3710

50	687.7	80.7	W
5055	5.8	81.9	
78	5.0	82.7	

N 3720

50		80.7	W
5055	5.5	82.2	
79	5.0	82.7	

687.7

N 3730

50		80.7	W
5054	5.4	82.3	
78	5.0	82.7	

N 3740

50		80.7	W
5055	5.3	82.4	
77	5.0	82.7	

N 3750

50		80.7	W
5052	5.4	82.3	
79	4.9	82.8	

N 3760

50		80.7	W
5053	5.8	81.9	
79	4.9	82.8	

N 3770

50		80.7	W
5057	5.8	81.9	
79	4.9	82.8	

N 3780

50		80.7	W
5056	6.0	81.7	
79	5.0	82.7	

687.7

N 3790

50		80.7	W
5054	5.7	82.0	
80	4.8	82.9	

687.7

N 3800

50		80.7	W
6052	5.7	82.2	
80	4.7	83.2	

N 3810

5050		80.7	W
53	5.6	82.3	
78	4.7	83.2	

N 3820

5050		80.7	W
50	5.7	82.2	
79	4.7	83.2	

N 3830

5050		80.7	W
52	5.7	82.2	
79	4.7	83.2	

N 3840

5050		80.7	W
54	5.7	82.2	
80	4.6	83.3	

687.9

N 3850

5050		80.7	W
56	5.7	82.2	
80	4.5	83.4	

N 3860

5050		80.7	W
58	5.6	82.3	
79	4.8	83.1	

N 3870

5050		80.7	W
59	5.6	82.3	
80	4.8	83.1	

N 3880

5050		80.7	W
56	5.5	82.4	
80	4.6	83.3	

N 3890

5050		80.7	W
55	5.7	82.2	
80	4.6	83.3	

N 3900

5050		80.7	W
54	5.7	82.2	
79	4.5	83.4	

N 3910

687.9

5050		80.7	W
54	5.8	82.1	
80	4.5	83.4	

688.1

N 3920

5050		80.7	W
56	5.8	82.3	
79	4.8	83.3	

N 3930

5050		80.7	W
56	5.8	82.3	
79	4.9	83.2	

N 3940

5050		80.7	W
58	5.7	82.4	
79	4.9	83.2	

N 3950

5050		80.7	W
59	5.5	82.6	
78	5.0	83.1	

N 3960

5050		80.7	W
58	5.3	82.8	
80	4.9	83.2	

688.1

N 3970

5050		80.7 w
57	5.4	82.7
81	5.0	83.1

N 3980

5050		80.7 w
58	5.3	82.8
79	5.0	83.1

N 3990

5050		80.7 w
58	5.3	82.8
79	4.9	83.2

N 4000

5050		80.7 w
58	5.9	82.2
81	4.8	83.3

N 4010

5050		80.7 w
57	5.5	82.6
82	4.8	83.3

N 4020

5047	5.7	82.4
82	4.7	83.4

N 4030 is extreme N. end of beach.

10 foot sections

X-Sections of Summit Pool

Oct 23-33

Delaney

Agnew

Yelle

Downstream

At N 3140 water edge meets core wall

N 3150

	Water El.	Tape Measure	Depth.	
	Subt 24.5			
4976	680.2		680.2	
4990		33.0	8.5	71.7
97		35.2	10.7	69.5

Upstream

At N 3130 water edge meets core wall

N 3140

5003	32.3	7.8	
10	31.5	7.0	
20	32.7	8.2	
30	29.1	4.6	
35		680.2	water edge

Note: 24.5 to be subtracted from all measurements

		Tape Measure	Depth	Elev.
	water El 680.2			
	N 3150	Subt. 24.5		
5003		32.2	7.7	72.5
10		35.2	10.7	69.5
20		35.0	10.5	69.7
30		31.5	7.0	73.2
40		26.5	2.0	78.2
50		26.2	1.7	678.5
56			0	water edge
	N 3160			
5003		3.50	10.5	69.7
10		35.0	10.5	69.7
20		36.0	11.5	68.7
30		34.6	10.1	76.1
40		31.5	7.0	73.2
50		27.7	3.2	77.0
59			680.2	W.E.
4997		35.5	11.0	69.2
90		36.5	12.0	68.2
80		31.4	6.9	73.3
70		28.9	4.4	75.8
68			680.2	W.E.

		depth	Elev
	N 3170		
	680.2		
5060			80.2 W.E.
50		28.0	3.5	76.7
40		32.2	7.7	72.5
30		34.8	10.3	69.9
20		35.5	11.0	69.2
10		35.4	10.9	69.3
5003		34.7	10.2	70.0
4997		36.3	11.8	68.4
90		36.5	12.0	68.2
80		35.9	11.4	68.8
70		34.2	9.7	70.5
60		28.8	4.3	75.9
53				80.2 W.E.
	N 3180			
5062				WE
50		28.9	4.4	75.8
40		32.6	8.1	72.1
30		34.3	9.8	70.4
20		35.8	11.3	68.9
10		37.	12.9	67.3
5000		37.3	12.8	67.4
4990		36.9	12.4	67.8
80		37.0	12.5	67.7
70		36.7	12.2	68.0

N3180

680.2

H960	33.9	9.4	70.8
50	31.6	7.1	73.1
40	29.2	4.7	75.5
30	28.9	4.4	75.8
20	27.5	3.0	77.2
12			80.2 W.E.

N3190

5059			
50	28.7	3.7	76.5
40	32.0	7.5	72.7
30	35.0	10.5	69.7
20	36.3	11.8	68.4
10	36.4	11.9	68.3
5000	35.2	10.7	69.5
4990	36.8	12.3	67.9
80	37.3	12.8	67.4
70	37.6	13.1	67.1
60	35.5	11.0	69.2
50	34.2	9.7	70.5
40	29.2	4.7	75.5
30	29.4	4.9	75.3
20	28.8	4.3	75.9
10	28.6	4.1	76.1
4900			80.2 W.E.

680.2

N3200

5058			80.2 W.E
50	27.2	2.7	77.5
40	32.0	7.5	72.7
30	35.3	10.8	69.4
20	35.9	11.4	68.8
10	36.7	12.2	68.0
5000	37.4	12.9	67.3
4990	37.0	12.5	67.7
80	39.0	14.5	65.7
70	37.9	13.4	66.8
60	36.0	11.5	68.7
50	35.0	10.5	69.7
40	30.3	5.8	74.4
30	29.0	4.5	75.7
20	28.8	4.3	75.9
10	27.4	2.9	77.3
01			W.E.

680.2

N3210

5057			W.E.
50	27.4	2.9	77.3
40	31.3	6.8	73.4
30	35.3	10.8	69.4
20	36.9	12.4	67.8
10	38.7	14.2	66.0
5000	39.0	14.5	65.7
4990	39.0	14.5	65.7
80	38.5	14.0	66.2
70	38.0	13.5	66.7
60	38.0	13.5	66.7
50	35.9	11.4	68.8
40	30.3	5.8	74.4
30	29.3	4.8	75.4
20	28.4	3.9	76.3
10	26.7	2.2	78.0
03			W.E.

680.2

N 3220

4911			W.E.
20	26.8	2.3	77.9 ✓
30	28.6	4.1	76.1 ✓
40	30.9	6.4	73.8 ✓
50	34.5	10.0	70.2 ✓
60	36.3	11.8	68.4 ✓
70	35.2	10.7	69.5 ✓
80	37.5	13.0	67.2 ✓
90	38.0	13.5	66.7 ✓
5000	39.3	14.8	65.4 ✓
10	39.4	14.9	65.3 ✓
20	37.0	12.5	67.7 ✓
30	35.9	11.4	68.8 ✓
40	32.5	8.0	72.2 ✓
50	28.1	3.6	76.6 ✓
56			W.E.

Oct 24-33

water elev 680.9

680.9

N 3230

1910			
20	26.1	1.6	79.3 ✓
30	29.1	4.6	76.3 ✓
40	31.4	6.9	74.0 ✓
50	35.9	11.4	69.5 ✓
60	37.3	12.8	68.1 ✓
70	39.6	15.1	65.8 ✓
80	39.5	15.0	65.9 ✓
90	40.1	15.6	65.3 ✓
5000	39.9	15.4	65.5 ✓
10	39.2	14.7	66.2 ✓
20	37.3	12.8	68.1 ✓
30	35.8	11.3	69.6 ✓
40	32.8	8.3	72.6 ✓
50	27.2	2.7	78.2 ✓
55			N.E.

N 3240

1923			N E
30	27.3	2.8	78.1 ✓
40	30.0	5.5	75.4 ✓
50	32.3	7.8	73.1 ✓
60	36.0	11.5	69.4 ✓
70	36.6	12.1	68.8 ✓
80	37.0	12.5	68.4 ✓
90	38.3	13.8	67.1 ✓

680.9

N 3240

5000	39.0	14.5 ✓	66.4 ✓
10	39.1	14.6 ✓	66.3 / 65.5
20	38.0	13.5 ✓	67.4 ✓
30	35.3	10.8 ✓	70.1 ✓
40	32.0	7.5 ✓	73.4 ✓
50	27.9	3.4 ✓	77.5 ✓
57	681.4		80.9 N.E.

N 3250

1928			N E 81.4
30	25.4	0.9 ✓	80.5 ✓
40	28.4	3.9 ✓	77.5 ✓
50	31.5	7.0 ✓	74.4 ✓
60	34.9	10.4 ✓	71.0 ✓
70	37.0	12.5 ✓	68.9 ✓
80	36.0	11.5 ✓	69.9 ✓
90	38.0	13.5 ✓	67.9 ✓
5000	39.1	14.6 ✓	66.8 ✓
10	39.2	14.7 ✓	66.7 ✓
20	38.0	13.5 ✓	67.9 ✓
30	35.7	11.2 ✓	70.2 ✓
40	32.2	7.7 ✓	73.7 ✓
50	28.9	4.4	77.0 ✓
60	N.E.		

N 3260

H931			W.E.
40	27.6	3.1	78.3
50	30.3	5.8	75.6
60	33.0	8.5	72.9
70	36.2	11.7	69.7
80	37.7	13.2	68.2
90	39.5	15.0	66.4
5000	39.9	15.4	66.0
10	39.6	15.1	66.3
20	38.2	13.7	67.7
30	35.9	11.4	70.0
40	33.2	8.7	72.7
50	28.7	4.2	77.2
61			W.E

N 3270

H934			W.E.
40	26.4	1.9	79.5
50	29.6	5.1	76.3
60	32.0	7.5	73.9
70	35.3	10.8	70.6
80	38.0	13.5	67.9
90	38.6	14.1	67.3
5000	39.6	15.1	66.3
10	39.0	14.5	66.9
20	37.7	13.2	68.2

N 3270

5030	36.0	11.5	69.9
40	33.5	9.0	72.4
50	29.0	4.5	76.9
60	25.2	0.7	80.7
62			W.E.

N 3280

H938			W.E
40	25.5	1.0	80.4
50	28.9	4.4	77.0
60	31.3	6.8	74.6
70	34.4	9.9	71.5
80	38.4	13.9	67.5
90	40.1	15.6	65.8
5000	40.3	15.8	65.6
10	40.3	15.8	65.6
20	38.9	14.4	67.0
30	36.5	12.0	69.4
40	33.8	9.3	72.1
50	30.2	5.7	75.7
60	26.3	1.8	79.6
69			W.E.

N 3290

4939			W.E.
40	25.0	0.5	80.9
50	28.4	3.9	77.5
60	31.2	6.7	74.7
70	34.4	9.9	71.5
80	37.6	13.1	68.3
90	39.4	14.9	66.5
5000	40.0	15.5	65.9
10	40.2	15.7	65.7
20	48.4	13.9	67.5
30	35.5	11.0	70.4
40	30.1	5.6	75.8
50	26.4	1.9	79.5
64			W.E.

N 3300

4939			W.E.
40	25.0	0.5	80.9
50	28.4	3.9	77.5
60	31.0	6.5	74.9
70	34.0	9.5	71.9
80	37.2	14.7	68.7
90	40.0	15.5	65.9
5000	40.0	15.5	65.9
10	39.8	15.3	66.1
20	38.8	14.3	67.1

N 3300

5030	36.0	11.5	69.9
40	36.4	11.9	69.5
50	30.0	5.5	75.9
60	26.5	2.0	79.4
61			W.E.

N 3310

4939			W.E.
40	25.0	0.5	80.9
50	28.0	3.5	77.9
60	30.8	6.3	75.1
70	34.0	9.5	71.9
80	37.6	13.1	68.3
90	39.7	15.2	66.2
5000	39.6	15.1	66.3
10	39.0	14.5	66.9
20	38.0	13.5	67.9
30	35.8	11.3	70.1
40	33.0	08.5	72.9
50	30.0	5.5	75.9
60	26.0	1.5	79.9
63			W.E.

N 3320

H938			
40			W E
50	25.3	0.8	80.6
60	28.4	3.9	77.5
70	31.2	6.7	74.7
80	34.5	10.0	71.4
90	37.8	13.3	68.1
5000	39.1	14.6	66.8
10	41.0	16.5	64.9
20	40.0	15.5	65.9
30	38.2	13.7	67.7
40	35.5	11.0	70.4
50	32.5	8.0	73.4
60	29.1	4.6	76.8
61	25.2	0.7	80.7
			W.E.

N 3330

H937			
40			W.E.
50	25.9	1.4	68.0.0
60	28.4	3.9	77.5
70	31.1	6.6	74.8
80	34.6	10.1	71.3
90	37.3	17.8	68.5
5000	39.7	14.7	67.7
10	39.5	15.0	66.4
	39.8	15.3	66.1

N 3330

5020	38.4	13.9	67.5
30	35.5	11.0	70.4
40	32.5	8.0	73.4
50	28.8	4.3	77.1
60	25.2	0.7	80.7
62			W.E.

N 3340

H937			W.E.
40	25.8	1.3	680.1
50	29.4	4.9	76.5
60	31.4	6.9	74.5
70	35.0	10.5	70.9
80	38.0	13.5	67.9
90	39.1	14.6	66.8
5000	39.8	15.3	66.1
10	39.9	15.4	66.0
20	38.0	13.5	67.9
30	34.7	10.2	71.2
40	32.0	7.5	73.9
50	28.8	4.3	77.1
61			W.E.

7'9

681.4 +24.5 = 705.9

N 3350

11939		25.1	680.8
40		29.3	76.6
50		31.4	74.5
60		34.8	71.1
70		37.4	68.5
80		38.8	67.1
90		39.5	66.4
5000		39.7	66.2
10		38.0	67.9
20		35.5	70.4
30		32.5	73.4
40		29.4	76.5
50		28.8	77.1
60		25.2	80.7
61	W.E.		

N 3360

11942	W.E.		
50		27.8	78.1
60		30.5	75.4
70		34.0	71.9
80		37.6	68.3
90		38.8	67.1
5000		40.5	65.4
10		39.4	66.5
20		37.6	68.3

681.4 - 10.9

N 3360

5030		34.0	71.9
40		32.6	73.3
50		29.3	76.6
60		25.6	80.3
63	W.E.		

N 3370

11944	W.E.	24.5		
50		27.3	2.8	78.6
60		30.8	6.3	75.1
70		33.6	9.1	72.3
80		37.2	12.7	68.7
90		38.6	14.1	67.3
5000		40.3	15.8	65.6
10		39.5	15.0	66.4
20		37.3	12.8	68.6
30		34.6	10.1	71.3
40		32.4	7.9	73.5
50		29.3	4.8	76.6
60		26.4	1.9	79.5
63	W.E.			

681.4

N 3380

4944	W.E.	24.5		
50		27.0	2.5	78.9
60		30.3	5.8	75.6
70		33.0	8.5	72.9
80		36.3	11.8	69.6
90		38.6	14.1	67.3
5000		39.7	15.2	66.2
10		39.3	14.8	66.6
20		36.9	12.4	69.0
30		34.5	10.0	71.4
40		32.2	07.7	73.7
50		29.7	5.2	76.2
60		25.8	1.3	80.1
63	W.E.			

N 3390

4944	W.E.	24.5		
50		27.2	2.7	78.7
60		30.2	5.7	75.7
70		32.9	8.4	73.0
80		36.3	11.8	69.6
90		38.6	14.1	67.3
5000		40.0	15.5	65.9
10		39.0	14.5	66.9
20		36.7	12.2	69.2
30		34.5	10.0	71.4

681.4

N 3390

		24.5		
5040		31.6	7.1	74.3
50		28.7	4.2	77.2
61	W.E.			

N 3400

4944	W.E.			
50		26.7	2.2	79.2
60		30.3	5.8	75.6
70		32.6	8.1	73.3
80		36.2	11.7	69.7
90		38.0	13.5	67.9
5000		39.3	14.8	66.6
10		38.6	14.1	67.3
20		36.5	12.0	69.4
30		33.8	9.3	72.1
40		30.9	6.4	75.0
50		27.9	2.4	79.0
59	W.E.			

N 3410

4942	W.E.			
50		27.3	3.4	78.0
60		29.3	4.8	76.6
70		33.2	8.7	72.7
80		36.2	11.7	69.7
90		39.3	14.8	66.6
5000		40.0	15.5	65.9

681.4 = 705.9

N 3410

5010	39.0	14.5	66.9
20	36.0	11.5	69.9
30	34.0	9.5	71.9
40	30.9	6.4	75.0
50	27.2	2.7	78.7
56 W.E.			

N 3420

4943			
50	27.8	3.3	77.1
60	31.0	6.5	74.9
70	34.1	9.6	71.8
80	37.0	12.5	68.9
90	37.1	12.6	68.8
5000	38.5	14.0	67.4
10	38.6	14.1	67.3
20	36.0	11.5	69.9
30	33.9	9.4	72.0
40	30.7	6.2	75.2
50	27.4	2.9	78.5
56 W.E.			

N 3430

4943 W.E.			
50	27.5	3.0	78.4
60	31.0	6.5	74.9
70	33.6	9.1	72.3

681.4 = 705.9

N 3430

4980	37.0	68.9
90	38.9	67.0
5000	38.0	67.9
10	38.8	67.1
20	36.9	69.0
30	34.3	71.6
40	31.0	74.9
50	27.5	78.4
58 W.E.		

N 3440

4946	26.5	79.4
50	31.2	74.7
60	33.9	72.0
70	36.6	69.3
80	38.2	67.7
90	38.7	67.2
5000	39.5	66.4
10	36.4	69.5
20	34.2	71.7
30	31.0	74.9
40	30.7	75.2
50	27.9	78.0
60 W.E.		

681.1

N3450

H948	W.E.			
50		25.5	1.0	680.1
60		30.0	5.5	75.6
70		33.2	8.7	72.4
80		35.8	11.3	69.8
90		36.9	12.4	68.7
5000		39.1	14.6	66.5
10		39.0	14.5	66.6
20		35.8	11.3	69.8
30		35.1	10.6	70.5
40		31.9	7.4	73.7
50		28.4	3.9	77.2
60	W.E			

N3460

Subtract 31.5 From tape for water depth

681.1 + 31.5 = H.I. 712.6

H948	Sub 31.5	681.1	
50	32.5	80.1	
60	37.4	75.2	
70	39.5	73.1	
80	42.5	70.1	
90	44.5	68.1	
5000	45.5	67.1	
10	46.2	66.4	
20	43.6	69.0	

681.0
+31.5
712.5

N3460

5030		41.1	71.4
40		38.7	73.8
50		35.6	76.9
60	W.E		

N3470

H950	W.E.		
60		35.2	77.3
70		39.5	73.0
80		42.4	70.1
90		44.2	68.3
5000		44.8	67.7
10		46.1	66.4
20		44.1	68.4
30		41.7	70.8
40		38.8	73.7
50		35.5	77.0
60	W.E.		

N3480

H951			
60		35.5	77.0
70		39.4	73.1
80		41.6	70.9
90		45.1	67.4
5000		44.6	67.9
10		45.0	67.5

681.0 + 31.5 - 712.5

N 3480

5020		43.6		68.9
30		40.8		71.7
40		37.6		74.9
50		34.5		78.0
58	W.E.			

N 3490

4949	W.E.			
50		32.2		
60		36.2		
70		39.0		
80		39.7		
90		43.8		
5000		46.8		
10		45.0		
20		43.2		
30		40.4		
40		37.4		
50		34.5		
58	WE			

N 3500

4947	WE			
50		32.6	1.1	79.9
60		36.1	4.6	76.4
70		39.2	7.7	73.3
80		42.2	10.7	70.3

681.0 - 712.5

N 3500

4990		44.2	12.7	68.3
5000		46.0	14.5	66.5
10		44.4	12.9	68.1
20		42.4	10.9	70.1
30		40.9	9.4	71.6
40		37.7	6.2	74.8
50		34.3	2.8	78.2
56	WE			

N 3510

4947	WE.			
50		33.2		79.3
60		36.8		75.7
70		39.4		73.1
80		42.0		70.5
90		43.1		69.4
5000		45.1		67.4
10		43.2		69.3
20		42.9		69.6
30		40.8		71.7
40		38.0		77.5
50		34.6		75.9
58	W.E.			

681.0 - 712.5

N3520

4946			
50		33.4	79.1
60		37.0	75.6
70		39.7	72.8
80		41.5	71.0
90		40.5	72.0
5000		45.0	67.5
10		45.2	67.3
20		43.5	69.0
30		41.7	70.8
40		38.8	73.7
50		34.9	77.6
58	W.E.		

N3530

4946	W.E.		
50		33.5	79.0
60		37.2	75.3
70		39.7	72.8
80		40.4	72.1
90		42.6	69.9
5000		45.3	67.2
10		44.5	68.0
20		43.7	68.8
30		42.1	70.4
40		39.0	73.5

681.0 - 712.5

N3530

5050		35.5	77.0
59	W.E.	-	

N3540

4949	W.E.		
50		32.0	80.5
60		36.7	75.8
70		39.6	72.9
80		40.5	72.0
90		39.9	72.6
5000		44.2	68.3
10		44.4	68.1
20		43.0	69.5
30		41.4	71.1
40		39.0	73.5
50		35.7	76.8
59	W.E.		

N3550

4950	W.E.		
60		37.4	75.1
70		39.6	73.9
80		41.5	71.0
90		42.0	70.5
5000		44.0	68.5
10		44.0	68.5
20		43.3	69.2

681.0 = 712.5

N 3550

5030		41.0	71.5
40		39.0	73.5
50		36.0	76.5
60		32.0	80.5
61	WE		

N 3560

4952	W.E.		
60		35.6	76.9
70		39.2	73.3
80		41.3	71.2
90		41.2	71.3
5000		42.0	70.5
10		44.2	68.3
20		44.0	68.5
30		41.9	71.6
40		39.4	73.1
50		37.0	75.5
60		32.5	80.0
62	W.E.		

N 3570

4952	W.E.		
60		37.5	75.0
70		34.6	72.9
80		41.6	71.9
90		41.9.	70.6

681.0 = 712.5

N 3570

5000		44.0	68.6
10		44.1	68.7
20		43.1	69.4
30		41.1	71.4
40		38.9	73.6
50		36.0	76.5
60		32.1	80.4
61	W.E.		

N 3580

4951	W.E.		
60		36.4	76.5
70		39.5	73.0
80		40.4	72.1
90		42.0	70.5
5000		42.2	70.3
10		44.1	68.4
20		42.3	70.2
30		41.0	71.5
40		39.2	73.3
50		36.7	75.8
60		32.7	79.8
63	W.E.		

681.0 = 712.5

N 3590

4949	W.E.			
50		32.0		80.5
60		36.1		76.4
70		39.4		73.1
80		40.3		72.2
90		40.3		72.2
5000		41.6		70.9
10		43.6		68.9
20		42.3		70.2
30		40.4		72.1
40		39.4		73.1
50		37.0		75.5
60		33.4		79.1
65	W.E.			

N 3600

4948	W.E.			
50		32.5	1.0	80.0
60				
70		37.0	5.5	75.5
80		39.9	8.4	72.6
90		40.2	8.7	72.3
5000		40.8	9.3	71.7
10		42.0	10.5	70.5
20		42.8	11.3	69.7
30		41.0	9.5	71.5

681.0 = 712.5

N 3600

5040		41.0	9.5	71.5
50		39.2	7.7	73.3
60		37.2	5.7	75.3
65	W.E.			

N 3610

4944	W.E			
50		33.2		79.3
60		37.8		75.7
70		39.6		72.9
80		40.4		72.1
90		40.5		72.0
5000		42.0		70.5
10		42.2		70.3
20		41.6		70.9
30		40.3		72.2
40		39.2		73.3
50		36.4		76.1
60		32.4		80.1
62				

N 3620

4947	W.E			
50		32.0	0.5	80.5
60		37.8	6.3	74.7
70		39.6	8.1	72.9
80		40.3	8.8	72.2

681.0 = 712.5

N 3620

4990	39.9	8.3	72.7
5000	43.0	11.5	69.5
10	43.4	11.9	69.1
20	42.5	11.0	70.0
30	40.3	8.8	72.2
40	39.0	7.5	73.5
50	35.7	4.2	76.8
60 W.E.			

N 3630

680.8 Oct 26-33 = 712.3

4948 W.E.			
50	32.8		79.5
60	37.3		75.0
70	39.0		73.3
80	39.9		72.4
90	40.7		71.6
5000	42.3		70.0
10	42.2		70.0
20	40.9		71.4
30	39.8		72.5
40	38.6		73.7
50	35.3		77.0
58 W.E.			

680.8 = 712.3

N 3640

4949 W.E.			
50	32.2		80.1
60	36.7		75.6
70	39.2		73.1
80	40.8		71.5
90	41.6		70.7
5000	42.6		69.7
10	42.4		69.9
20	42.3		70.0
30	40.4		71.9
40	38.2		74.1
50	35.0		77.3
58 W.E.			

N 3650

4950			
60	35.5		76.8
70	38.6		73.7
80	41.2		71.1
90	42.0		70.3
5000	42.9		69.4
10	42.3		70.0
20	41.6		70.7
30	39.9		72.4
40	38.0		74.3
50	34.4		77.9
56 W.E.			

680.8 = 712.3

N 3660

4951	W.E.		
60		35.0	77.3
70		38.3	74.0
80		40.3	72.0
90		40.6	.7
5000		41.5	
10		40.9	
20		40.4	
30		39.8	
40		37.9	
50		33.1	
53	W.E.		

N 3670

4954			
60		34.3	78.0
70		38.1	74.2
80		40.2	72.1
90		40.9	71.4
5000		41.0	71.3
10		41.2	71.1
20		40.1	72.2
30		39.5	72.8
40		37.6	74.7
50		33.7	78.6
54	W.E.		

680.8 = 712.3

N 3680

4955	W.E.		
60		33.7	78.6
70		37.8	74.5
80		39.8	72.5
90		40.7	71.6
5000		40.9	71.4
10		42.0	70.3
20		40.3	72.0
30		39.2	73.1
40		37.6	74.7
50		33.0	79.3
53	W.E.		

N 3690

4954	W.E.		
60		34.3	
70		38.0	
80		39.8	
90		40.7	
5000		41.2	
10		42.9	
20		40.2	
30		39.1	
40		37.2	
50		32.8	
53	W.E.		

680.8

N 3700

4954	W.E.			
60		33.9	7.4	78.4
70		38.0	6.5	74.3
80		39.5	8.0	72.8
90		40.5	9.0	71.8
5000		40.9	9.4	71.4
10		41.6	10.1	70.7
20		40.8	9.3	71.5
30		39.2	7.7	73.1
40		37.9	6.4	74.4
50		33.7	7.7	78.6
54	WE			

N 3710

4952				
60		35.0		
70		38.0		
80		39.8		
90		40.8		
5000		41.7		
10		40.7		
20		40.5		
30		39.5		
40		37.4		
50		33.0		
52	W.E.			

680.8 = 712.3

N 3720

4951	W.E.		
60		35.3	47.0
70		38.0	74.3
80		40.0	72.3
90		40.5	71.8
5000		40.1	72.2
10		41.0	71.3
20		40.6	71.7
30		38.7	73.6
40		36.5	75.8
50		32.9	79.4
53	W.E.		

N 3730

4951	W.E.		
60		35.0	77.3
70		38.0	74.3
80		39.6	72.7
90		40.2	72.1
5000		40.9	71.4
10		41.8	70.5
20		39.8	72.5
30		38.2	74.1
40		36.2	76.1
50	W.E.		

680.8

N 3740

4953	WE			
60		34.2		
70		37.6		
80		39.4		
90		39.4		
5000		40.5		
10		43.0		
20		40.0		
30		38.4		
40		36.2		
50		32.0		
51	WE			

N 3750

4958	WE.			
60		32.6	1.1	679.7
70		37.0	5.5	75.3
80		39.0	7.5	73.3
90		41.0	9.5	71.3
5000		41.4	9.9	70.9
10		40.3	8.8	72.0
20		40.0	8.5	72.3
30		38.9	7.4	73.4
40		36.6	5.1	75.7
50	WE.			

680.8 = 712.3

N 3760

4960			
70		35.6	
80		39.0	
90		39.6	
5000		41.6	
10		42.0	
20		40.5	
30		39.0	
40		36.7	
50		32.4	
52	WE.		

N 3770

4960	WE.		
70		36.0	76 3
80		39.2	73.1
90		39.8	72.5
5000		40.0	72.3
10		40.2	72.1
20		39.8	72.5
30		38.6	73.7
40		36.9	75.4
50		33.0	79.3
53	WE		

680.8 - 712.3

N 3780

4960	W.E.			
70		36.4		75.9
80		39.0		73.3
90		39.8		72.5
5000		41.0		71.3
10		40.4		71.9
20		40.2		72.1
30		39.1		73.2
40		37.0		75.3
50		33.0		79.3
53	W.E.			

N 3790

4960	W.E.			
70		36.9		
80		39.1		
90		39.6		
5000		41.1		
10		40.4		
20		40.1		
30		39.2		
40		37.1		
50		32.9		
53	W.E.			

680.8 - 712.3

N 3800

4958	W.E.			
60		33.0	1.5	79.3
70		36.4	4.9	75.9
80		38.6	7.1	73.7
90		39.5	8.0	72.8
5000		39.8	8.3	72.5
10		40.4	8.9	71.9
20		39.2	7.7	73.1
30		37.9	6.4	74.4
40		35.2	3.7	77.1
58	W.E.			

N 3810

4957	W.E.		
60		33.5	2.0
70		36.8	
80		38.4	
90		39.8	
5000		40.0	
10		40.8	
20		39.4	
30		38.0	
40		35.1	
49	W.E.		

680.8 - 712.3

N 3820

4959	W		
60		32.0	
70		36.1	
80		38.2	74.1
90		39.8	
5000		40.1	72.2
10		39.8	
20		39.5	72.8
30		37.8	
40		34.5	77.8
47	W		

N 3830

4964	W		
70		34.3	
80		38.0	74.3
90		39.3	
5000		40.2	72.1
10		39.6	
20		39.4	72.9
30		38.0	
40		35.3	77.0
48	W		

680.8 - 712.3

N 3840

4964	W.E.		
70		34.5	
80		37.8	
90		39.3	
5000		39.9	
10		40.2	
20		39.4	
30		38.0	
40		36.2	
50	WE		

N 3850

4965	W.E.		80.8
70		33.6	678.7
80		37.3	75.0
90		39.0	73.3
5000		39.8	72.5
10		40.2	72.1
20		39.4	72.9
30		38.2	74.1
40		37.0	75.3
50		33.0	79.3
53	W.E.		80.8

6808 = 712.3

N 3860

4964	W.E.		
70		34.2	
80		37.3	
90		39.3	
5000		40.2	
10		40.1	
20		39.5	
30		38.2	
40		36.5	
50		36.3	
53			

N 3870

4964	W.E.		
70		34.0	
80		37.4	74.9
90		39.0	
5000		40.0	72.3
10		40.0	
20		39.3	73.0
30		38.0	
40		36.4	75.9
50		33.0	
57	W.E.		

6808 = 712.3

N 3880

4965	WE		
70		34.5	
80		37.5	74.8
90		39.0	
5000		40.0	723
10		39.8	
20		39.5	72.8
30		38.1	
40		35.8	76.5
50		32.0	
57	W.E.		

N 3890

4963	WE	34.2	
70		37.0	
80		38.8	
90		39.5	
5000		39.7	
10		39.5	
20		38.0	
30		35.8	
40			
50	WE		

680.8

N 3900

4963	W.E.			
70		34.2	2.7	78.1
80		36.6	5.1	75.7
90		37.3	5.8	75.0
5000		38.5	7.0	73.8
10		40.0	8.5	72.5
20		39.6	8.1	72.7
30		38.3	6.8	74.0
40		35.5	4.0	76.8
50	W.E.			

N 3910

4963	W.E.			680.8
70		34.1	2.6	78.2
80		36.7	5.2	75.6
90		37.3	5.8	75.0
5000		38.3	6.8	74.0
10		40.2	8.7	72.1
20		39.6	8.1	72.7
30		38.1	6.6	74.2
40		35.5	4.0	76.8
50	W E			680.8

680.8

N 3920

4960	W.E.			680.8
70		34.8	3.3	77.5
80		37.2	5.7	75.1
90		38.8	7.3	73.5
5000		40.0	8.5	72.3
10		39.9	8.4	72.4
20		39.2	7.7	73.1
30		38.6	7.1	73.7
40		36.2	4.7	76.1
50		32.0	0.5	80.3
51	W.E.			680.8

N 3930

4958	W.E.			680.8
60		32.5	1.0	79.8
70		35.8	4.3	76.5
80		37.6	6.1	74.7
90		38.7	7.2	73.6
5000		39.6	8.1	72.7
10		39.2	7.7	73.1
20		39.1	7.6	73.2
30		38.5	7.0	73.8
40		36.8	5.3	75.5
50		33.0	1.5	79.3
52	W.E.			680.8

680.8 - 712.3

N 3940

4956	W.E			680.8
60		33.0	1.5	679.3
70		36.4	4.9	75.9
80		37.5	6.0	74.8
90		39.3	7.8	73.0
5000		40.2	8.7	72.1
10		39.2	7.7	73.1
20		39.1	7.6	73.2
30		38.7	7.2	73.6
40		36.7	5.2	75.6
50		33.5	2.0	78.8
54	W.E			680.8

N 3950 → N end of beach

Downstream Oct 26-33

4950	W.E			
60		34.4	2.9	677.9
70		36.2	4.7	76.1
80		36.6	5.1	75.7
90		39.0	7.5	73.3
97		39.0	7.5	73.3
5000				
03		40.0	8.5	72.3
10		39.2	7.7	73.1
20		39.0	7.5	73.3
30		38.0	6.5	74.3
40		36.5	5.0	75.8
50		33.6	2.1	78.7
55	W.E			80.8

680.8

N 3960

4965	W.E			680.8
70		32.8	1.3	679.5
80		35.9	4.4	76.4
90		37.9	6.4	74.4
97		38.6	7.1	73.7
5003		38.6	7.1	73.7
10		37.8	6.3	74.5
20		38.1	6.6	74.2
30		37.8	6.3	74.5
40		36.4	4.9	75.9
50		33.5	2.0	78.8
53	W.E.			680.8

EXM Oct 26-33

Oct 27-33

Water Elev. 680.7 = 712.2

N 3970

4992	W.E.		
97		38.0	
5003		37.9	74.3
10		37.7	
20		37.0	75.2
30		36.0	
40		35.8	76.4
50		32.4	
53	W.E.		

N 3980

4997			
5003		35.5	
10		36.6	
20		36.0	
30		35.2	
40		34.4	
50		32.5	
52			

N 3985

5003			

N 3990

5030			
40		34.4	
50		32.8	
53	W.E.		

Water intersects core wall

Water intersects core wall.

Water intersects core wall

" " hill

6807

N 4000

5040

50 33.0

·55 W.E.

N 4010 is extreme N edge of water.

Water intersects hill.

Dec. 1, 1933.
Simpson
Salgado
Remmen.

Cross-sections on North abutment
For Monthly Estimate # 19, (stripping)

B.M.	0.50	709.82 ✓		709.32	
				N4100	
5110			10.1	99.7 ✓	not final
5100			7.6	02.2 ✓	
5090			7.1	02.7 ✓	
80			6.6	03.2 ✓	
70			4.7	05.1 ✓	
B.M.	12.76	Level ✓ 722.08		709.32	
60			10.5	11.6 ✓	
50			5.8	16.3 ✓	
40			+1.8	23.9 ✓	
30			+10.6	32.7 ✓	
20			+11.0	33.1 ✓	
10			+11.8	33.9 ✓	
5000			+11.5	33.6 ✓	
4990	= O.G.				
				N4110	
5004			+23.7	45.8 ✓	
10			+20.9	43.0 ✓	
20			+17.4	39.5 ✓	superseded
30			+10.7	32.8 ✓	
40			+1.7	23.8 ✓	Final
50			2.5	19.6 ✓	ch. plotting

(Margin notes: "Good for final Jan. 10, 1934 estimate"; "Finished ch. plotted"; "Plotted")

		722.08		**N4110**	
5060			6.2	15.9 ✓	
70			11.0	11.1 ✓	
B.M.	0.43	709.77 ✓		709.32	
80			5.0	04.8 ✓	
90			7.3	02.5 ✓	
5100			8.3	01.5 ✓	
10			9.3	00.5 ✓	
20			10.8	99.0 ✓	
				N4120	
5130			11.9	97.9 ✓	
20			11.1	98.7 ✓	
10			10.0	99.8 ✓	
5100			9.5	00.3 ✓	
5090			4.6	05.2 ✓	
	12.78	722.10 ✓		709.32	
80			9.7	12.4 ✓	
70			5.7	16.4 ✓	
60			3.0	19.1 ✓	
50			+0.8	22.9 ✓	
40			+5.1	27.2 ✓	
30			+10.7	32.8 ✓	
20			+19.8	41.9 ✓	superseded
10			+25.1	47.2 ✓	

(Margin notes: "ch. plotting"; "Good for final Jan. 10, 1934 estimate"; "ch. plotting"; "9/19/34 ch. plotting"; "Plotted")

	722.10 ✓	N4130		
5020		+24.9	47.0	✓
30		+15.6	37.7	✓
40		+9.9	32.0	✓
50		+6.0	28.1	✓
60		+1.4	23.5	✓
70		1.4	20.7	✓
80		4.4	17.7	✓
90		9.0	13.1	✓
	709.77			
5100		6.1	03.7	✓
10		9.8	100.0	✓
20		10.8	99.0	✓
30		11.0	98.8	✓
40		11.0	98.8	✓
		N4140		
5150		10.5	99.3	✓
40		10.7	99.1	✓
30		10.5	99.3	✓
20		9.8	000	✓
10		7.1	02.7	✓
5100		1.9	07.9	✓
	722.10			
5090		6.6	15.5	✓
80		0.9	21.2	✓

Plotted

Plotted

Good for finals July 10-1934 M.B.G.

ck plotting m

plotting ck m

	722.10	N4140		
5070		+4.3	26.4	✓
60		+5.8	27.9	✓
50		+11.1	33.2	✓
40		+17.5	39.6	✓
30		+25.1	47.2	✓
		N4150		
5040		+25.3	47.4	✓
50		+14.7	36.8	✓
60		+11.7	33.8	✓
70		+8.8	30.9	✓
80		+4.5	26.6	✓
90		1.1	21.0	✓
5100		11.9	10.2	✓
	709.77			
10		2.7	07.1	✓
20		6.3	03.5	✓
30		9.2	00.6	✓
40		9.8	000	✓
50		10.1	99.7	✓
	722.10	N4160		
5050		+25.1	47.2	✓
60		+17.9	40.0	✓
70		+14.7	36.8	✓
75				O.G.

Plotted

ck plotting m

ck plotting m

Good for finals July 10-1934 M.B.G.

See rod no 8-29 superseded m

ck plotting m

Dec. 1, 1933
Simpson
Salgado
Remmen

Cross-sections on South abutment
For monthly Estimate #19 (Stripping)

B.M. 11.11 716.28 705.17

N3090

5020	8.6	07.7	
30	8.3	08.0	
40	8.3	08.0	
50	10.1	06.2	
60	11.5	04.8	
5130	16.7	99.6	
40	17.2	99.1	
50	16.0	00.3	
60			O.G.

N3080

5155	10.4	05.9	O.G.
50	13.8	02.5	
40	16.3	00.0	
30	16.2	00.1	
20	15.7	00.6	
10	14.3	02.0	
5100	13.2	03.1	
5090	11.9	04.4	
80	10.3	06.0	

716.28

N3080

5070	8.8	07.5	
60	7.1	09.2	
50	5.3	11.0	
40	4.1	12.2	
30	4.0	12.3	
20	6.1	10.2	

N3070

5020	1.0	15.3	
30	1.2	15.1	
40	4.0	12.3	
50	5.9	10.4	
60	7.2	09.1	
70	8.7	07.6	
80	10.1	06.2	
90	11.5	04.8	
5100	12.4	03.9	
10	12.6	03.7	
20	10.5	05.8	
30	9.8	06.5	
40			O.G.

N3060

5087			O.G.
80	3.9	12.4	
70	4.8	11.5	

716.28 ✓

		N3060	
5060		2.6	13.7 ✓
50		+0.4	16.7 ✓
40		+1.8	18.1 ✓
30			O.G.

N3050 is O.G.

Dec. 5, 1933
Simpson
Salgado
Remmen.

Cross Sections of Puddle Core And Rock Embankment.

From core wall
689.4

N3900

4837		+12.0	701.4	✓
4859		+13.4	702.8	✓
80		2.0	687.4	✓
4900		4.9	684.5	✓
09	W.E.	5.6	683.8	W.S.
	683.8			
20		0.7	83.1	✓
30		0.7	83.1	✓
40		0.5	83.3	✓
50		0.8	83.0	✓
60		3.5	80.3	✓
70		5.5	78.3	✓
80		7.7	76.1	✓
90		8.7	75.1	✓
5000		9.7	74.1	✓
10		10.7	73.1	✓
20		10.3	73.5	✓
30		9.0	74.8	✓
40		6.7	77.1	✓

683.8

N3900

5050	2.5	81.3	✓
60	1.2	82.6	✓
70	0.7	83.1	✓
	689.4		
80	4.4	85.0	✓
5102	+9.9	99.3	✓
5146		701.5	Finish Rock Grade

683.8

N3800

5078	0.0	683.8	✓ W.E.
70	0.9	82.9	✓
60	1.2	82.6	✓
50	1.7	82.1	✓
40	7.0	76.8	✓
30	9.3	74.5	✓
20	10.0	73.8	✓
10	11.0	72.8	✓
5000	10.0	73.8	✓
4990	9.7	74.1	✓
80	9.0	74.8	✓
70	7.0	76.8	✓
60	2.2	81.6	✓
50	0.3	83.5	✓
38	0.0	83.8	W.E

683.8 — N3700

4943	0.0	683.8	W.E
50	0.2	83.6	
60	3.4	80.4	
70	7.7	76.1	
80	8.7	75.1	
90	8.8	75.0	
5000	8.2	75.6	
10	8.8	75.0	
20	8.7	75.1	
30	8.3	75.5	
40	6.6	77.2	
50	1.2	82.6	
60	0.0	683.8	W.E.

Dec. 5, – P.M. – Water Surface Elev. 683.7

N3630

From Core Wall
690.8

		702.3	Finish Rock Grade
4837			
4845	+8.5	699.3	
4859	+8.3	699.1	
76	4.0	86.8	
4900	4.2	86.6	
20	5.5	85.3	
50	7.1	683.7	W.E
683.7			
60	0.0	83.7	
70	3.4	80.3	

683.7 — N3630

4980	6.8	676.9
90	7.0	76.7
5000	7.0	76.7
10	6.5	77.2
20	6.0	77.7
30	5.0	78.7
40	4.0	79.7
52	0.0	83.7 W.E

690.8

65	6.7	684.1	
84	6.2	84.6	
5104	+9.4	700.2	
20	+9.4	700.2	
46		702.3	Finish Rock Grade

See Page 53 For N3600

683.7 — N3500

4957	0.0	683.7	W.E.
60	1.5	82.2	
70	6.0	77.7	
80	8.2	75.5	
90	8.0	75.7	
5000	7.5	76.2	
10	7.2	76.5	
20	6.4	77.3	

683.7

5030			
40			
50			
55			
4957			
60			
70			
80			
90			
5000			
10			
20			
30			
40			
50			
60			
62			

N3500

7.0	76.7	✓	
6.0	77.7	✓	
1.8	81.9	✓	
0.0	83.7	✓	W.E.

N3400

0.0	83.7	✓	W.E
0.3	83.4	✓	
4.0	79.7	✓	
6.2	77.5	✓	
6.0	77.7	✓	
6.0	77.7	✓	
9.4	74.3	✓	
6.6	77.1	✓	
5.7	78.0	✓	
6.7	77.0	✓	
4.8	78.9	✓	
1.6	82.1	✓	
0.0	83.7	✓	W.E.

From core wall

689.7

4837			
4859			
73			
90			
4925			
48			
683.7			
50			
60			
70			
80			
90			
5000			
10			
20			
30			
40			
50			
60			
70			
80			
91			
689.7			
5100			

N3330 ✓ Finish Rock Grade

+11.7	701.4		
+10.0	99.7	✓	
2.3	87.4	✓	
4.9	84.8	✓	
5.7	84.0	✓	
6.0	83.7	✓	W.E.
1.2	682.5	✓	
5.5	78.2	✓	
7.3	76.4	✓	
8.2	75.5	✓	
7.5	76.2	✓	
9.2	74.5	✓	
9.2	74.5	✓	
8.5	75.2	✓	
8.7	75.0	✓	
8.5	75.2	✓	
6.3	77.4	✓	
2.7	81.0	✓	
0.8	82.9	✓	
0.3	83.4	✓	
0.0	83.7	✓	W.E.
3.8	85.9	✓	

689.7

5118	N3330		
33	+9.2	698.9	
46	+9.2	98.9	
		701.7	Finish Rock Grade

683.7

4934	N3300		
40	0.0	83.7	W.E.
50	0.1	83.6	
60	2.4	81.3	
70	7.3	76.4	
80	8.2	75.5	
90	8.3	75.4	
5000	9.4	74.3	
10	8.3	75.4	
20	8.2	75.5	
30	8.3	75.4	
40	8.0	75.7	
50	8.0	75.7	
60	7.2	76.5	
70	4.4	79.3	
80	0.4	83.3	
90	0.4	83.3	
	0.0	83.7	W.E.

683.7

4923	N3200		
30	0.0	683.7	W.E.
40	0.0	83.7	
50	0.4	83.3	
60	1.7	82.0	
70	4.5	79.2	
80	7.0	76.7	
90	7.6	76.1	
5000	6.7	77.0	
10	6.4	77.3	
20	6.4	77.3	
30	7.0	76.7	
40	5.5	78.2	
50	3.8	79.9	
59	0.4	83.3	
	0.0	83.7	W.E.

683.7

N3600

4960	0.0	83.7	W.E
70	3.7	80.0	
80	6.0	77.7	
90	6.8	76.9	
5000	6.4	77.3	
10	6.2	77.5	
20	5.7	78.0	
30	4.2	79.5	
40	3.5	80.2	
50	0.4	83.3	
52	0.0	83.7	W.E.

Xsections of Puddle Core Extended to Toe of Rock

Dec 9 - 1933

Elliott - Soper - Remmen

Core Wall Staff 0.0	693.1	693.1	

N3800

E5078 ↑ on page 49	9.4	83.7	Toe of blanket
4920 ↓	8.4	84.7	
10	8.1	85.0	
4900	7.8	85.3	
4890	7.5	85.6	
4880	7.5	85.6	Toe of rock

N3700

5078	8.6	84.5	Toe of blanket
5070 ↑ on page 50	8.7	84.4	
4930 ↓	8.4	84.7	
20	7.5	85.6	
10	6.3	86.8	
4900	6.1	87.0	
4890	5.9	87.2	
4880	5.7	87.4	Toe of rock

693.1

N3620

5084	8.4	684.7	Toe of blanket
5070	8.9	684.2	
5060 ↑ on page 50	8.7	684.4	
4930 ↓	8.6	684.5	
20	8.1	685.0	
10	7.9	685.2	
4900	7.3	685.8	
4890	7.0	686.1	
4880	6.7	686.4	Toe of rock

N3500

5090	8.0	85.1	Toe of blanket
5080	8.8	84.3	
5070	8.8	84.3	
5060 on page 50	9.3	83.8	
4950 ↓	9.2	83.9	
4940	8.7	84.4	
4930	8.3	85.8	
20	7.9	85.2	
10	7.4	85.7	
4900	7.2	85.9	
4890	7.1	86.0	
4880	6.5	86.6	Toe of rock

693.1

5095			
5090	8.7	84.4	Toe of rock
5080	8.8	84.3	
5070	9.0	84.1	
↑ on page 51	7.3	83.8	
↓			
4950	9.0	84.1	
4940	8.5	84.6	
4930	7.9	85.2	
4910	6.8	86.3	
4900	6.6	86.5	
4890	6.5	86.6	
4880	6.3	86.8	Toe of rock

N3300

5100	7.8	85.3	Toe of rock
5090	9.4	83.7	
5080	10.1	83.0	
5070	10.2	82.9	
↑ on page 52			
↓			
4930	9.2	83.9	
4920	8.6	84.5	
4910	8.4	84.7	
4900	8.0	85.1	
4890	7.5	85.6	
4880	6.8	86.3	Toe of rock

693.1

N3200

5100	8.0	85.1	Toe of rock
5090	8.2	84.9	
5080	8.3	84.8	
5070	8.8	84.3	
5060	9.4	83.7	
↑			
on page 52			
↓			
4920	9.4	83.7	
4910	9.0	84.1	
4900	8.8	84.3	
4890	8.7	84.4	
4880	8.6	84.5	Toe of rock

X Sections of Puddle Beach
Feb. 5, 1934 - Elliott - Soper - Remmen

East Side

N 3200

Staff	0.0	682.2		682.2	
5099			0.0	682.2	w.s. Toe blanket
5090			1.0	681.2	
5070			1.5	680.7	
5056			1.7	680.5	
5050			5.2	677.0	

N 3300

5097			0.0	682.2	w.s. Toe blanket.
90	called to [illegible]		1.0	681.2	
80			1.2	681.0	
70			1.5	680.7	
61			1.7	680.5	
5050			6.0	676.2	

N 3400

5092		682.2	0.0	682.2	w.s. Toe blanket
80			1.2	681.0	
70			1.6	680.6	
60			1.0	681.2	
54			2.1	680.1	
50			4.0	678.2	
5040			5.8	676.4	

N 3500

	682.2				
5087			0.0	682.2	w.s. Toe of blanket
80			1.1	681.1	
70			1.5	680.7	
60			1.1	681.1	
55			2.0	680.2	
50			4.5	677.7	

N 3600

5082			0.0	682.2	w.s. Toe of blanket
70			2.5	679.7	
58			1.7	680.5	
5050			5.6	676.6	

N 3700

5083		682.2	0.0	682.2	w.s. Toe of blanket
70			1.8	680.4	
60			1.2	681.0	
55			2.0	680.2	
50 50			4.5	677.7	

Xsections of Puddle Beach

Feb. 6-1938 - Elliott Simpson Soper Remmen

West Side

682.2

N3800

5079	0.0	682.2 ✓	W.S Toe blanket
70	3.5	678.7 ✓	
64	2.8	679.4 ✓	
60	0.5	681.7 ✓	
50	0.8	681.4 ✓	
5040	5.5	676.7 ✓	

N3900

5078	0.0	682.2 ✓	W.S Toe of bl.
74	2.3	679.9 ✓	
66	3.0	679.2 ✓	
61	+0.2	682.4 ✓	
50	1.2	681.0 ✓	
40	5.0	677.2 ✓	

N4000

5078	0.0	682.2 ✓	W.S Toe of blanket
73	1.1	681.1 ✓	
68	+1.0	683.2 ✓	
58	0.0	682.2 ✓	
50	2.0	680.2 ✓	
40	3.0	679.2 ✓	
36	0.0	682.2 ✓	W.S.

N3900

Staff	0.0	681.9	682.2	
E 4889			+0.8 682.7	Toe of blanket
4924			0.0 681.9 ✓	W.S.
40			0.2 681.7 ✓	
52			+0.3 682.2 ✓	
64			1.5 680.4 ✓	
72			4.1 677.8 ✓	

N3800

4907		681.9	+2.0 683.9 ✓	Toe of blanket
4921			0.0 681.9 ✓	W.S
35			0.6 681.3 ✓	
50			0.2 681.7 ✓	
60			1.0 680.9 ✓	
72			4.2 677.7 ✓	

681.9

N3700

4893	+0.9	682.8 ✓	Toe of blanket
4914	0.0	681.9 ✓	W.S
37	0.7	681.2 ✓	
53	1.3	680.6 ✓	
67	5.4	676.5 ✓	

N3600

4892	+3.5	685.4 ✓	Toe of blanket
4925	0.0	681.9 ✓	W.S.
50	1.1	680.8 ✓	
54	1.5	680.4 ✓	
70	5.2	676.7 ✓	

681.9

N3500

4892	+3.4	685.3 ✓	Toe of blanket
4920	0.0	681.9 ✓	W.S.
30	0.5	681.4 ✓	
40	0.8	681.1 ✓	
48	1.5	680.4 ✓	
52	2.8	679.1 ✓	
58	6.0	675.9 ✓	

N3400

4889	+3.3	685.2 ✓	Toe of blanket
4914	0.0	681.9 ✓	W.S.
30	0.7	681.2 ✓	
59	1.7	680.2 ✓	
65	4.4	677.5 ✓	
70	6.5	675.4 ✓	

681.9

N 3300

4889	+0.7	682.6	Toc of blanket
4900	0.0	681.9	W.S.
4910	1.4	680.5	
4948	2.9	679.0	
4956	6.1	675.8	

Platted 2-6 W pulled by GPWW

N 3200

4894	+1.0	682.9	Toc of blanket
4921	0.0	681.9	W.S
27	1.5	680.4	
45	2.4	679.5	
60	7.7	674.2	

Outline of Water Surface at South and North ends of Puddle Core

681.9

N 3165 E 4960	0.0	W.S
N 3120 E 5000	0.0	W.S.
N 3143 E 5048	0.0	W.S.
N 3175 E 5093	0.0	W.S.
N 3950 E 4950	0.0	W.S.
N 3980 E 5000	0.0	W.S.
N 4015 E 5045	0.0	W.S.

2-6 Platted by GPWW pulled 3-7-34

Puddle Samples Dec 14-1933 — Elliott Recording Co. Gauge 682.1

	Depth to original bottom	Water Depth	Sample # and depth	Sample # and depth	
		N 3190			
E 5000	12.5	5.0	#1013 5°-10.0 Sl.	#1014 10-12.5 Sl.S	
E 4990	14°	5.5	#1015 5.5-9.5 Sl	#1016 9.5 11.5 Sl.	11-14 Impen stiff.
E 4980	14.5	6°	#1017 6-10 Sl. S.	6-12 S. Sl.	#1018 #1019 12-14 S. - 14-14.5 Sl.
E 4970 4948 Shore	15°	6°	#1020 6-10 Sl. S.	10-13.5 S.	#1021 13.5-14 Sl
		N 3200			
4950 Shore E 4970	15°	6.0	#1022 6-10 Sl S	#1023 10-14 S	
E 4980	16.5	6°	#1024 6-10 S.	10-13 S	#1025 13-14 Sl
E 4990	14.5	5.5	#1026 5.5-9.5 Sl.S.	9.5-11.5 S	#1027 11.5-12 Sl. (12-14.5 Impreg)
E 5000	14.5	5.5	#1028 5.5 9.5 Sl.	#1029 9.5-12.5 Sl.S	12.5-14.5 (Impregnat.)
E 5010	14°	5°	#1030 5°-9° Sl.	9°-11.5 Sl	#1031 11-13 S. Sl. (13-14 impt)
E 5020	13°	5.5	#1032 5.5 10.5 Sl	#1033 10.5-12 S.	#1034 12-13 Sl
E 5030	12.5	4.5	#1035 4.5-9.5 S.	#1036 9.5 12.5 Sl.	
E 5040 5040 shore	9.5	2.5	#1037 2.5-6.5 S.	6.5-10.5 S	

Gauge
682 ±

N 3210

	Depth to original Bottom	water depth	Sample # and depth	Sample # and depth	Sample # and depth
5045 Shore					
E 5040	8,5	2±	#1038 2±-6± S.		
E 5030	12,5	5±	5°-7° Sl.	#1039 7°-9° S.	#1040 9°-13° Sl.
E 5020	14°	6°	#1041 6°-10° Sl.	#1042 10°-13° S.	#1043 13-14 Sl.
E 5010	16°	5±	#1044 5±-9± Sl.	#1045 9±-13° S.	13°-16° (impen)
E 5000	16°	5±	#1046 5±-9± Sl	#1047 9±-13± Sl	13±-16° (impen)
E 4990	16±	6°	#1048 6°-10° Sl	#1049 10°-12°± S	#1050 12°-14° Sl.
E 4980	16°	7°	#1051 7°-11° Sl. S.	#1052 11°-14° S.	#1053 14°-15° Sl
E 4970		7°	#1054 → 7°-11° ± S	11°-15± S.	
4954 Shore					

Summit Pool Soundings

Delaney, Wilde } Contr.
Osborne City.

Feb. 12, 1934

	Water El.	Depth	Elev.
N 3900			
E 4900	683.0	+ 0.7	83.7
30		0.0	83.0
40		0.2	82.8
50		0.7	82.3
60		1.7	81.3
70		3.6	79.4
80		5.0	78.0
90		5.5	77.5
5000		6.2	76.8
10		6.0	77.0
20		7.3	75.7
30		6.2	76.8
40		4.9	78.1
50		1.9	81.1
60		+ 0.3	83.3
80		+ 0.4	83.4
4902		+ 1.8	84.8
60		+ 0.4	83.4
70		3.7	79.3
80		3.8	79.2
90		5.4	77.6
5000		5.8	77.2
10		6.5	76.5
20		6.7	76.3
30		6.2	76.8
40		5.6	77.4
50		3.0	80.0
60		0.3	82.7
84		0.0	83.0
N 3700			
4900		+ 1.3	84.3
50		0.0	83.0
60		2.8	80.2
70		4.8	78.2
80		6.0	77.0
90		8.0	75.0
5000		10.2	72.8
10		11.4	71.6
20		11.5	71.5
30		10.8	72.2

683.0

N 3800

N 3700

5040	9.8	73.2
50	6.2	76.8
60	2.0	81.0
70	0.0	83.0
88	+ 0.3	83.3

N 3600

4900	+ 0.3	83.3
45	+ 0.5	83.5
50	0.7	82.3
60	4.0	79.0
70	8.2	74.8
80	9.7	73.3
90	10.0	73.0
5000	10.5	72.5
10	10.7	72.3
20	10.0	73.0
30	10.0	73.0
40	8.5	74.5
50	5.0	78.0
60	1.0	82.0
65	0.0	83.0
86	+ 0.5	83.5

N 3500

4893	+ 1.5	84.5
4945	0.0	83.0
50	2.0	81.0
60	6.3	76.7
70	8.6	74.4
80	9.5	73.5
90	10.0	72.0
5000	12.0	71.0
10	11.5	71.5
20	11.0	72.0
30	9.0	74.0
40	5.5	77.5
50	3.5	79.5
60	0.0	83.0
90	+ 1.0	84.0

N 3400

4890	+ 1.5	84.5
4945	0.0	83.0
50	0.8	82.2
60	2.2	80.8
70	5.9	77.1
80	8.7	74.3
90	9.7	73.3
5000	10.2	72.8

683.0

N 3400

5010	10.4	72.6
20	9.5	73.5
30	7.5	75.5
40	6.0	77.0
50	3.7	79.3
60	1.0	82.0
62	0.0	83.0
95	+1.0	84.0

N 3300

4890	+1.0	84.0
4940	0.0	83.0
50	4.2	78.8
60	7.5	75.5
70	9.5	73.5
80	10.5	72.5
90	11.0	72.0
5000	11.3	71.7
10	11.0	72.0
20	10.0	73.0
30	8.0	75.0
40	7.2	75.8
50	5.8	77.2
60	2.5	80.5
70	0.0	83.0
95	+1.2	84.2

683.0

N 3200

4890	+1.0	84.0
4930	0.0	83.0
40	2.0	81.0
50	3.2	79.8
60	7.0	76.0
70	12.0	71.0
80	14.5	68.5
90	15.0	68.0
5000	15.0	68.0
10	16.0	67.0
20	16.0	67.0
30	14.0	69.0
40	10.0	73.0
50	4.8	78.2
60	1.0	82.0
70	0.7	82.3
75	0.0	83.0
95	+1.3	84.3

Sumit Pool Soundings Cont.

F.O.

Feb. 14, 1934

Water Surface 6840 Depth

N 3900

4885	0.0	84.0
4910	+0.3	84.3
20	0.0	84.0
30	0.3	83.7
40	0.5	83.5
50	1.0	83.0
60	2.5	81.5
70	5.5	78.5
80	6.5	77.5
90	6.8	77.2
5000	7.4	76.6
10	7.0	77.0
20	8.9	75.1
30	7.2	76.8
40	6.3	77.7
50	2.6	81.4
60	2.4	81.6
70	1.0	83.0
80	1.0	83.0
83	0.0	84.0

6840

N. 3800

4900	+0.3	84.3
30	0.0	84.0
40	0.2	83.8
50	0.3	83.7
60	3.0	81.0
70	5.6	78.4
80	6.0	78.0
90	6.7	77.3
5000	7.9	76.1
10	8.0	76.0
20	7.0	77.0
30	7.4	76.6
40	5.9	78.1
50	2.4	81.6
60	1.6	82.4
70	2.0	82.0
80	1.8	82.2
83	0.0	84.0

684.0

N 3700

4894	Same		84.3
4940		0.0	84.0
50		0.2	83.8
60		4.5	79.5
70		6.3	77.7
80		8.4	75.6
90		9.7	74.3
5000		11.6	72.4
10		12.0	72.0
20		12.5	71.5
30		11.3	72.7
40		10.0	74.0
50		6.0	78.0
60		1.5	82.5
70		0.8	83.2
80		0.8	83.2
86		0.0	84.0

684.0

N 3600

4895		+1.0	85.0
4948		0.0	84.0
60		4.5	79.5
70		7.8	76.2
80		10.0	74.0
90		10.0	74.0
5000		10.6	73.4
10		11.3	72.7
20		11.0	73.0
30		10.3	73.7
40		10.0	74.0
50		6.0	78.0
60		1.2	82.8
70		0.5	83.5
80		0.5	83.5
86		0.0	84.0

N 3500

4894	Same		84.5
4943		0.0	84.0
50		2.6	81.4
60		7.4	76.6
70		9.8	74.2
80		11.0	73.0
90		11.8	72.2

N 3500

5000		12.6	71.4
10		13.0	71.0
20		12.5	71.5
30		10.5	73.5
40		6.3	77.7
50		4.4	79.6
60		0.0	84.0
88		0.0	84.0

N 3400

4890	S.		84.5
4940		0.0	84.0
50		2.0	82.0
60		3.2	80.8
70		7.3	76.7
80		10.3	73.7
90		11.0	73.0
5000		12.0	72.0
10		12.0	72.0
20		11.0	73.0
30		9.0	75.0
40		7.3	76.7
50		4.8	79.2
60		1.7	82.3
70		0.0	84.0
88		+ 0.2	84.2

N 3300

4890	Same		84.0
4935		0.0	84.0
40		1.5	82.5
50		5.0	79.0
60		9.4	74.6
70		11.0	73.0
80		11.8	72.2
90		12.0	72.0
5000		12.5	71.5
10		12.7	71.3
20		11.0	73.0
30		9.8	74.2
40		8.6	75.4
50		7.0	77.0
60		4.0	80.0
70		0.8	83.2
80		0.8	83.2
95		0.0	84.0

684.0

N 32.00

4890	+ 1.3	85.3
4930	0.0	84.0
40	2.8	81.2
50	5.7	78.3
60	10.0	74.0
70	15.2	68.8
80	16.8	67.2
90	17.5	66.5
5000	17.0	67.0
10	19.0	65.0
20	18.6	65.4
30	16.7	67.3
40	11.0	73.0
50	5.7	78.3
60	2.2	81.8
70	2.0	82.0
80	0.7	83.3
96	0.0	84.0

Summit Pool Soundings Cont.

7.0.

Feb. 13, 1934 Water Sur. Depth

N 3900

4885	683.5	+1.3	84.8
4915		+1.3	84.8
35		0.0	83.5
40		0.3	83.2
50		0.5	83.0
60		2.0	81.5
70		4.9	78.6
80		6.0	77.5
90		7.0	76.5
5000		7.0	76.5
10		8.5	75.0
20		8.5	75.0
30		6.5	77.0
40		5.0	78.5
50		2.0	81.5
60		1.6	81.9
70		2.4	83.1
82		0.0	83.5

683.5

N 3800

4902	+1.0	84.5
45	0.0	83.5
50	0.2	83.3
60	2.8	80.7
70	5.2	78.3
80	5.9	77.6
90	6.5	77.0
5000	7.0	76.5
10	8.0	75.5
20	7.6	75.9
30	6.8	76.7
40	5.5	78.0
50	2.0	81.5
60	0.9	82.6
70	1.4	82.1
80	1.4	82.1
85	0.0	83.5

N 3700

4894	+0.4	83.9
4935	0.0	83.5
50	1.4	82.1
60	4.5	79.0
70	6.2	77.3
80	8.3	75.2
90	10.7	72.8
5000	11.4	72.1
10	12.0	71.5
20	12.0	71.5
30	10.5	73.0
40	9.7	73.8
50	5.8	77.7
60	0.4	83.1
70	0.3	83.2
80	0.3	83.2
86	0.0	83.5

N 3600

4900	+0.2	83.7
40	0.0	83.5
50	1.3	82.2
60	4.4	79.1
70	7.4	76.1
80	10.0	73.5
90	11.7	71.8
5000	13.0	70.5
10	12.7	70.8
20	10.7	72.8
30	10.5	73.0

Rest of Shots in Current.

6835

N 3500

4893	+1.0	84.5
4945	0.5	83.0
50	2.4	81.1
60	6.7	76.8
70	9.0	74.5
80	9.7	73.8
90	10.8	72.7
5000	12.0	71.5
10	12.0	71.5
20	11.4	72.1
30	10.4	73.1
40	6.6	76.9
50	4.6	78.9
60	1.6	81.9
70	1.7	81.8
80	1.5	82.0
92	0.0	83.5

6835

N 3400

4890	+1.0	84.5
4940	0.0	83.5
50	1.7	81.8
60	2.5	81.0
70	6.7	76.8
80	9.6	73.9
90	9.8	73.7
5000	10.9	72.6
10	10.5	73.0
20	9.9	73.6
30	8.3	75.2
40	6.4	77.1
50	4.4	79.1
60	1.6	81.9
70	2.7	80.8
80	2.2	81.3
93	0.0	83.5

683.5

N 3300

4890	+0.7	84.2
4935	0.0	83.5
40	1.3	82.2
50	4.2	79.3
60	7.6	75.9
70	10.0	73.5
80	11.5	72.0
90	11.5	72.0
5000	11.9	71.6
10	11.8	71.7
20	10.5	73.0
30	9.2	74.3
40	8.0	75.5
50	6.6	76.9
60	4.5	79.0
70	0.8	82.7
80	+0.3	83.8
95	0.0	83.5

N 3200

4890	+0.5	84.0
4922	0.0	83.5
30	0.4	83.1
40	2.9	80.6
50	4.5	79.0
60	7.8	75.7
70	12.6	07.9
80	14.5	69.0
90	15.5	68.0
5000	15.5	68.0
10	17.5	66.0
20	18.0	65.5
30	16.5	67.0
40	11.8	71.7
50	5.5	78.0
60	1.9	81.6
70	1.5	82.0
80	0.2	83.3
5100	0.0	83.5

Soundings Cont. — Delaney, Duncan, Osborne

Feb. 15, 1934 — water S. 684.2

N 3200

5100	+ 0.8	85.0
5065	0.0	84.2
60	2.0	82.2
50	6.2	78.0
40	13.3	70.9
30	17.4	66.8
20	19.8	64.4
10	19.0	65.2
5000	17.0	67.2
4990	17.6	66.6
80	16.8	67.4
70	14.0	70.2
60	9.5	74.7
50	5.7	78.5
40	2.8	81.4
30	0.2	84.0
25	0.0	84.2
4890		85.3

684.2

N 3300

4890	Same	85.3
4930	0.0	84.2
40	1.5	82.7
50	5.0	79.2
60	6.0	78.2
70	11.2	73.0
80	11.8	72.4
90	12.2	72.0
5000	13.0	71.2
10	12.0	72.2
20	11.3	72.9
30	10.0	74.2
40	9.0	75.2
50	6.6	77.6
60	3.7	80.5
70	0.0	84.2
95	+ 0.5	84.7

N 3400

4890	+0.3	84.5
4930	0.0	84.2
40	0.2	84.0
50	2.1	82.1
60	3.4	80.8
70	7.8	76.4
80	10.6	73.6
90	11.0	73.2
5000	12.2	72.0
10	12.0	72.2
20	11.6	72.6
30	10.0	74.2
40	7.7	76.5
50	5.0	79.2
60	1.5	82.7
70	0.2	84.0
90	0.0	84.2

N 3500

4894	Same	84.5
4940	0.0	84.2
50	3.5	80.7
60	7.8	76.4
70	9.5	74.7
80	11.0	73.2
90	12.8	71.4
5000	13.0	71.2
10	13.0	71.2
20	11.0	73.2
30	10.2	74.0
40	6.7	77.5
50	4.9	79.3
60	0.3	83.9
86	0.0	84.2

684.2

N 3600

4894	Same		85.0
4948		0.0	84.2
50		0.8	83.4
60		5.0	79.2
70		7.7	76.5
80		10.8	73.4
90		10.3	73.9
5000		13.7	70.5
10		11.4	72.8
20		12.0	72.2
30		10.7	73.5
40		10.7	73.5
50		6.2	78.0
60		1.0	83.2
70		0.8	83.4
80		0.7	83.5
88		0.0	84.2

684.2

N 3700

4893	Same		83.9
4950		0.0	84.2
60		3.0	81.2
70		6.7	77.5
80		8.6	75.6
90		9.8	74.4
5000		11.0	73.2
10		12.4	71.8
20		13.0	71.2
30		12.4	71.8
40		10.5	73.7
50		5.5	78.7
60		1.0	83.2
70		1.2	83.0
80		1.2	83.0
85		0.0	84.2

684.2

N 3800

4900	+1.7	85.9
55	0.0	84.2
60	2.0	82.2
70	5.3	78.9
80	6.0	78.2
90	6.8	77.4
5000	7.8	76.4
10	8.6	75.6
20	8.0	76.2
30	7.5	76.7
40	5.9	78.3
50	2.0	82.2
60	1.8	82.4
70	1.7	82.5
80	1.6	82.6
83	0.0	84.2

684.2

N 3900

A882	+2.0	86.2
4955	0.0	84.2
60	1.0	83.2
70	4.8	79.4
80	5.8	78.4
90	7.5	76.7
5000	7.8	76.4
10	9.8	74.4
20	9.0	75.2
30	7.5	76.7
40	6.5	77.7
50	2.6	81.6
60	0.5	83.7
80	0.0	84.2

IMPROVED TABLES

AND

INFORMATION

Last Sample 1306

N3340
E5040 = 3350 Next