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Puddle Core Samples,

Dec. 11, 1933.

Sample #	Water Depth	Sample Depth	N.	E.	Gauge 682.3	
					Ground	10/23/32
958 Sand.	0.0	0.0	3170	5050	676.7	
959 sand	5.0	5.0-9.0	"	5040	672.5	
960 silt	"	9.0-11.0	"	"	"	
961 silt.	5.5	5.5-7.0	"	5030	669.9	
962 sand	"	7.0-9.5	"	"	"	
963 silt	"	9.5-13.5	"	"	"	
964 silt	5.5	5.5-9.5	"	5020	669.2	
965 sand	"	9.5-11.5	"	"	"	
966 silt	"	11.5-13.5	"	"	"	
967 <sup>sand</sup> silt	6.0	6.0-10.0	"	5010	669.3	
968 silt	"	10.0-12.0	"	"	"	
969 sand	"	12.0-13.0	"	"	"	
970 silt	6.0	6.0-10.0	"	5000	670.0	
971 "	"	10.0-14.0	"	"	"	

Dec. 11, 1933

Gauge 682.3

Sample #	Water Depth	Sample Depth	N.	E.	Ground
972 silt	6.5	6.5-10.5	3170	4990	668.2
973 silt	"	10.5-14.5	"	"	"
974 silt	6.0	6.0-10.0	"	4980	668.8
975 silt	"	10.0-14.0	"	"	"

Dec 12 - 1933

Gauge 682.2

sample #	Water Depth	sample Depth	N.	E.	Ground 10/23/33
1002 Sand	0.0	0.0	3190	5050	676.5
1003 Sand	3.5	3.5-7.5 7.5-10.0	"	5040	672.7
1004 silt	"	10.0-11.0	"	"	"
1005 sand	4.0	4.0-9.0	"	5030	669.7
1006 silt	"	9.0-13.0	"	"	"
1007 silt	5.5	5.5-9.5	"	5020	668.4
1008 sand + silt	"	9.5-11.5	"	"	"
1009 silt	"	11.5-14.0	"	"	"
1010 silt	5.5	5.5-11.5	"	5010	668.3
1011 sand	"	11.5-12.5	"	"	"
1012 silt	"	12.5-13.5	"	"	"

Dec 15 - 1933  
Elliott Recording

Gauge 682.9

Sample #	Water Depth	Sample Depth	N.	E.	Ground 10/23/33
1110 S.	5.5	5.5-10.5	3250	5040	673.7
1111 silt	"	10.5-13.5	"	"	"
1112 silt	7.0	7.0-10.0	"	5030	670.2
1113 Sand	"	10.0-11.5	"	"	"
1114 silt	"	11.5-15.0	"	"	"
1115 sand silt	"	7.0-11.0	"	5020	667.9
1116 silt	"	11.0-15.0	"	"	"
1117 silt	"	7.0-11.0	"	5010	666.7
1118 Sand	"	11.0-13.0	"	"	"
1119 silt sand	7.5	7.5-13.0	"	5000	666.8
1120 silt	8.5	8.5-12.5	"	4990	667.9
1121 silt sand	"	12.5-14.5	"	"	"
1122 silt	8.0	8.0-11.0	"	4980	669.9
1123 Sand	"	11.0-13.5	"	"	"
1124 silt	7.0	7.0-9.0	"	4970	668.9
1125 Sand	"	9.0-12.0	"	"	"
1126 silt	"	12.0-15.0	"	"	"

Dec 15 - 1933						Gauge 682.9
Sample #	Water Depth	Sample Depth	N.	E.	Ground 10-23-33	
1127 Silt	7 <sup>5</sup>	7 <sup>5</sup> - 9 <sup>5</sup>	3260	4970	669.7	
1128 Sand	"	9 <sup>5</sup> - 11 <sup>5</sup>	"	"	"	
1129 Silt	"	11 <sup>5</sup> - 15 <sup>5</sup>	"	"	"	
1130 Silt	8 <sup>0</sup>	8 <sup>0</sup> - 11 <sup>0</sup>	"	4980	668.2	
1131 Sand	"	11 <sup>0</sup> - 13 <sup>0</sup>	"	"	"	
1132 Silt	"	13 <sup>0</sup> - 16 <sup>0</sup>	"	"	"	
1133 Silt	8 <sup>5</sup>	8 <sup>5</sup> - 11 <sup>5</sup>	"	4990	666.4	
1134 Sand	"	11 <sup>5</sup> - 14 <sup>5</sup>	"	"	"	
1135 Silt	"	14 <sup>5</sup> - 16 <sup>5</sup>	"	"	"	
1136 Silt	8 <sup>0</sup>	8 <sup>0</sup> - 11 <sup>0</sup>	"	5000	666.0	
1137 Sand	"	11 - 13	"	"	"	
1138 Silt	7 <sup>5</sup>	7 <sup>5</sup> - 10 <sup>5</sup>	"	5010	666.3	
1139 Sand	"	10 <sup>5</sup> - 12 <sup>5</sup>	"	"	"	
1140 Sand Silt	"	12 <sup>5</sup> - 14 <sup>5</sup>	"	"	"	
1141 Silt	7 <sup>0</sup>	7 <sup>0</sup> - 11 <sup>0</sup>	"	5020	667.7	
1142 Sand	"	11 <sup>0</sup> - 14 <sup>0</sup>	"	"	"	
1143 Silt	"	14 <sup>0</sup> - 15 <sup>0</sup>	"	"	"	

Dec 15 - 1933						Gauge 682.9 ③
Sample #	Water Depth	Sample Depth	N.	E.	Ground 10-23-33	
1144 Silt	6.5	6 <sup>5</sup> - 10 <sup>5</sup>	3260	5030	670.7	
1145 Sand	"	10 <sup>5</sup> - 12 <sup>5</sup>	"	"	"	
1146 Silt	"	12 <sup>5</sup> - 14 <sup>5</sup>	"	"	"	
1147 Silt	"	6 <sup>5</sup> - 7 <sup>5</sup>	"	5040	672.7	
1148 Sand	"	7 <sup>5</sup> - 9 <sup>5</sup>	"	"	"	
1149 Silt	"	9 <sup>5</sup> - 10 <sup>5</sup>	"	"	"	
1150 Sand	6.5	6.5 - 10.0	3270	5040	672.4	
1151 Silt	"	10 - 10.5	"	"	"	
1152 Silt	7.0	7 - 10	"	5030	669.9	
1153 Sand	"	10 - 12	"	"	"	
1154 Silt	"	12 - 15	"	"	"	
1155 Silt	6.5	6.5 - 10.5	"	5020	668.2	
1156 Sand	"	10.5 - 12.5	"	"	"	
1157 Silt	"	12.5 - 14.5	"	"	"	
1158 Silt	7.0	7.0 - 11	"	5010	666.9	
1159 Sand	"	11 - 14	"	"	"	
1160 Silt	"	14 - 15 15 - 16 Imp.	"	"	"	
1161 Silt	8.0	8 - 13	"	5000	666.3	
1162 Sand	"	13 - 15 15 - 16.5 Imp.	"	"	"	
1163 Silt	8.0	8 - 12	"	4990	667.3	
1164 Sand	"	12 - 14	"	"	"	
1165 Silt	"	14 - 16	"	"	"	

Dec. 15. 1933

Gauge  
682.9

Sample	Water	Sample Depth	N.	E.	Org. Gro
1166 Silt	7.5	7.5-9.5	3270	4980	667.9
1167 Sand	"	9.5-12.5	"	"	"
1168 Silt	"	12.5-15.5	"	"	"
1169 Silt	7.5	7.5-15.5	"	4970	670.6

3280

Dec 16-1933

④  
Gauge 683.2

Sample	Water	Sample Depth	N.	E.	Or. Grnd.
1227 Silt	7 <sup>E</sup>	7 <sup>E</sup> -13 <sup>E</sup>	3300	5010	666.1
1229 Sand	"	13 <sup>E</sup> -14 <sup>E</sup>	"	"	"
1230 Silt	"	14 <sup>E</sup> -15 <sup>E</sup>	"	"	"
1231 Silt	7 <sup>E</sup>	7 <sup>E</sup> -13 <sup>E</sup>	"	5000	665.9
1232 Sand	"	13 <sup>E</sup> -14 <sup>E</sup>	"	"	665.9
1233 Silt	"	14 <sup>E</sup> -15 <sup>E</sup>	"	"	"
1234 Silt	7 <sup>E</sup>	7 <sup>E</sup> -10 <sup>E</sup>	"	4990	665.9
1235 Sand	"	10 <sup>E</sup> -13 <sup>E</sup>	"	"	"
1236 Silt	"	13 <sup>E</sup> -15 <sup>E</sup>	"	"	"
1237 Silt	7	7-10	"	4980	668.7
1238 Sand	"	10-12	"	"	"
1239 Silt	"	12-15	"	"	"
1240 Silt	6 <sup>E</sup>	6 <sup>E</sup> -9 <sup>E</sup>	"	4970	671.9
1241 Sand	"	9 <sup>E</sup> -10 <sup>E</sup>	"	"	"
1242 Silt	"	10 <sup>E</sup> -13 <sup>E</sup>	"	"	"
	6 <sup>E</sup>		"	4960	
			"	4940	Beach

Dec 16-1933 Gauge = 683<sup>2</sup>

Sample	Water	Sample	N	E	Orig. Grnd
			3310	4950	Beach
	6 <sup>2</sup>			4960	
1243	Silt	6 <sup>5</sup> 6 <sup>5</sup> -8 <sup>5</sup>	"	4970	671.9
1244	Sand	" 8 <sup>5</sup> -11 <sup>5</sup>	"	"	671.9
1245	Silt	" 11 <sup>5</sup> -14 <sup>5</sup>	"	"	"
1246	Silt	7 7-10	"	4980	668.3
1247	Sand	" 10-12	"	"	"
1248	Silt	" 12-15	"	"	"
1249	Silt	7 7-10	"	4990	666.2
1250	Sand	" 10-15	"	"	"
1251	Silt	7 7-13	"	5000	666.3
1252	Sand	" 13-15	"	"	"
1253	Silt	7 7-15	"	5010	666.9
1254	Silt	7 7-12.5	"	5020	667.9
1255	Sand	" 12.5-14	"	"	"
1256	Silt	" 14-15	"	"	"
1257	Silt	7 7-15	"	5030	670.1
1258	Silt	6.5 6.5-8.5	"	5040	672.9
1259	Sand	" 8.5-9.5	"	"	"
1260	Silt	" 9.5-14.5	"	"	"
	Beach		3310	5080	672.4
	"		3320	5080	

Dec 16-1933

Gauge<sup>2</sup>  
683<sup>2</sup>

Sample	Water	Sample	N	E	Orig. Grnd
	6.0		3320	5050	
1261	Silt	6.5 6.5-14.5	"	5040	673.4
1262	Silt	6.5 6.5-14.5	"	5030	670.4
1263	Silt	8.0 8.0-16.0	"	5020	667.7
1264	Silt	8.0 8.0-15.0	"	5010	665.9
1265	Sand	" 15.0-16.0	"	"	"
1266	Silt	7.5 7.5-14.5	"	5000	664.9
1267	Sand	" 14.5-15.5	"	"	"
1268	Silt	7.0 7.0-11.0	"	4990	666.8
1269	Sand	" 11.0-13.0	"	"	"
1270	Silt	" 13.-15	"	"	"
1271	Silt	7.0 7-11	"	4980	668.1
1272	Sand	" 11-13	"	"	"
1273	Silt	" 13-15	"	"	"
1274	Silt	6.5 6.5-14.5	"	4970	671.4
	6.0			4960	
				4950	Beach
			3330	4950	Beach

Special Dec. 17-33 Gauge 6832  
 Sampling Core preserved in case  
 R.G. notes

Sample	Water	Sample	N.	E.	Gr.
8 <sup>0</sup>	8-17	3800	4980	675.0 666.0	
9 <sup>0</sup>	<sup>9-11</sup> 11-14-18	3800	4990	674 668	
9 <sup>5</sup>	9-10-14-18	3800	5000	674.5 665	
10 <sup>0</sup>	10-11-14-18	3800	5010	673.5 665.0	
8 <sup>0</sup>	<sup>8-21-14-18</sup> 1000 in core "	3700	4980	675.5 665.5	
8 <sup>0</sup>	8-11-14-18 1000 "	3700	4990	675.0 665.0	
8 <sup>0</sup>	8-12-14-17	3700	5000	675.0 666.0	
8 <sup>0</sup>	8-12-14-17	3700	5010	675.0 666.0	
8 <sup>0</sup>	8-11-14-17	3250	4980	675.0 666.0	
8 <sup>5</sup>	<sup>8-5-12</sup> 12-15-14-17	3250	4990	674.5 666.0	
7 <sup>5</sup>	7-11-15-14-17	3250	5000	673.5 666.0	
7 <sup>0</sup>	<sup>7-11</sup> 10-14-14-16	3250	5010	676.0 667.0	

Special Dec. 17-33 Gauge 6832  
 Sampling Core preserved in case  
 R.G. notes

Sample	Water	Sample	N.	E.	Ground
6 <sup>0</sup>	<sup>6-8</sup> 8-11 11-15	3400	4980	677.0 668.0	
6 <sup>5</sup>	<sup>6-8</sup> 9-12 12-15	3400	4990	676.5 668.0	
6 <sup>5</sup>	<sup>6-8</sup> 8-11 11-15	3400	5000	676.5 668.0	
6 <sup>5</sup>	<sup>6-8</sup> 8-11-11-15	3400	5010	676.5 668.0	
6 <sup>5</sup>	<sup>6-8</sup> 8-11 11-15	3550	4980	676.5 668.0	
6 <sup>5</sup>	<sup>6-8</sup> 8-11 11-15	3550	4990	676.5 668.0	
6 <sup>5</sup>	<sup>6-8</sup> 8-11 11-15	3550	5000	676.5 668.0	
6 <sup>0</sup>	<sup>6-8</sup> 8-11 11-15	3550	5010	677.0 668.0	
7 <sup>0</sup>	<sup>7-9</sup> 9-12 11-15	3620	4980	676.0 668.0	
7 <sup>0</sup>	<sup>7-9</sup> 9-12 12-16	3620	4990	676.0 667.0	
7 <sup>0</sup>	<sup>7-9</sup> 9-12 12-16	3620	5000	676.0 667.0	
6 <sup>5</sup>	<sup>6-8</sup> 9-12 12-16	3620	5010	676.5 667.0	

Dec. 19-33

Gauge 632.8

Sample	W. D.	Sample depth	N	E	Orig. Gr.
Beach			3350	5070	680.7
			"	5060	677.7
55				5050	676.5
1307 silt	6°	6-17	"	5040	673.4
1308 silt	6°	6-16	"	5030	671.1
1309 sand		16-17	"	"	670.4
1310 silt		17-18	"	"	667.9
1311 silt	65	65-175	"	5020	666.2
1312 silt	6°	6-12	"	5010	665.3
1313 sand		12-14	"	"	665.3
1314 silt		14-17	"	"	665.3
1315 silt	65	65-125	"	5000	665.3
1316 sand		125-15	"	"	665.3
1317 silt		15-175	"	"	665.3
1318 silt	65	65-115	"	4990	667.1
1319 sand		115-145	"	"	667.1
1320 silt		145-175	"	"	667.1
1321 silt	6°	6-10	"	4980	667.1
1322 sand		10-13	"	"	667.1

Dec. 19-33

Gauge 682.8

Sample	Water d.	Sample d.	N	E	Orig. Gr.
1323 silt		13-17	3350	4980	667.1
	13-17 no sample				
silt 20					
1324 sand	6°	6-10		4970	668.5
1325 silt		11-14			
silt		14-16			
	3°			4960	671.1
Beach				4957	
Beach			3360	4957	
	4°		"	4960	675.4
silt 20					
1326 sand	6°	6-10	"	4970	671.7
1327 silt		10-16	"	"	
1328 silt	65	65-105	"	4980	665.3
1329 sand		105-125	"	"	
1330 silt		125-145	"	"	
1330 silt	no s. taken	145-175	"	"	
1331 silt	6°	6-10	"	4990	667.1
1332 sand		10-15	"	"	
1333 silt		15-18	"	"	

Dec. 19-33

Gauge 6828

Sample	Water d.	Sample d.	N	F	Orig. Cor.
1334 silt	6°	6-13	3360	5000	665.5
1335 sand		13-16	"	"	"
1336 silt		14-18	"	"	"
1337 silt	6 <sup>5</sup>	6 <sup>5</sup> -18 <del>6<sup>5</sup>-14<sup>5</sup></del>	3360	5010	666.5
1338			"	"	"
1338 silt	6°	6-10	"	5020	668.3
"		6-17	"	"	"
1339 silt	6°	6-14	3360	5030	671.9
"		14-17	"	"	"
1340 silt	6 <sup>5</sup>	6 <sup>5</sup> -11 <sup>5</sup>	"	5040	673.3
1341 sand		11 <sup>5</sup> -13 <sup>5</sup>	"	"	"
1342 silt		13 <sup>5</sup> -17 <sup>5</sup>	"	"	"
	6°			5050	676.6
Beach				5070	680.3
Beach			3370	5070	
	6°		"	5050	676.6
1343 silt	6°	6-10-10-14	"	5040	673.5
"		14-17	"	"	"
1344 silt	7°	7-11-11-15	"	5030	671.3
"		15-17	"	"	"

Dec. 19-33

Gauge 6828

Sample	Water d.	Sample d.	N	F	Orig. Cor.
1345 silt	7°	7-11-11-15	3370	5020	668.6
"		15-17	"	"	"
1346 silt	6°	6-10-10-13	"	5010	666.4
1347 sand		13-19	"	"	"
1348 silt		14-17	"	"	"
1349 silt	6°	6-10-10-13	"	5000	666.6
1350 sand		13-15	"	"	"
1351 silt		15-17	"	"	"
1352 silt	6°	6-18	"	4990	667.8
1353 sand		8-10-10-12	"	"	"
1354 silt		12-14-14-17	"	"	"
1355 sand	6°	6-10-10-11	"	4980	668.7
1356 silt		11-14-14-17	"	"	"
1357 sand	3°	3-7-7-10	"	4970	672.3
1358 silt		10-11	"	"	"
Beach				4965	
"			3380	4964	
1359 sand	4°	4-8-8-10	"	4970	672.9
1360 silt		10-12	"	"	"

Dec. 19-33

Group 682<sup>B</sup>

Sample	Water d.	Sampled	N	E	Orig. Gr.
1361 sand	6°	6-10 10-11	3370	4980	669.6
1362 silt		11-14	"	"	
1363 silt	6 <sup>5</sup>	6 <sup>5</sup> 8 <sup>5</sup>	"	4990	667.3
1364 sand		8 <sup>5</sup> 10 <sup>5</sup> 10 <sup>5</sup> 12 <sup>5</sup>	"	"	
1365 silt		12 <sup>5</sup> 14 <sup>5</sup> 14 <sup>5</sup> 17 <sup>5</sup>	"	"	
1366 silt	6 <sup>5</sup>	6 <sup>5</sup> 10 <sup>5</sup>	"	5000	666.2
1367 sand		10 <sup>5</sup> 12 <sup>5</sup>	"	"	
1368 silt		12 <sup>5</sup> 14 <sup>5</sup>	"	"	
"		14 <sup>5</sup> 17 <sup>5</sup>	"	"	
1369			"	5010	

Contin. BA 45A P. 22-23

Dec. 21-33

Group 682<sup>T</sup>

Sample	Water d.	Sampled	N	E	Orig. Gr.
1428 sand	6°	6-8	3400	5040	675.0
1429 silt		8-10	"	"	
1430 sand		10-14	"	"	
"		14-17	"	"	
1431 silt	6°	6-9	"	5020	669.4
1432 sand		9-10	"	"	
1433 silt		10-14	"	"	
1434 silt	6°	6-10 10-11	"	5000	669.3
1435 sand		11-14 14-16	"	"	
1436 silt		15-17	"	"	
1437 silt	6°	6-7	"	4980	669.7
1438 sand		7-10 10-11	"	"	
1439 silt		11-14	"	"	

Dec. 21 -33

Gauge 682.4

Sample	Water d	Sampled	N	E	Orig. G.
Beach			3425	4960	
1440 sand					
1442 sand	6	6-11	"	4980	668.9
1443 silt		11-14			
1444 silt	6 <sup>5</sup>	6 <sup>5</sup> -10 <sup>5</sup> 10 <sup>5</sup> -11 <sup>5</sup>	"	5000	667.7
1445 sand		11 <sup>5</sup> -13 <sup>5</sup>			
1446 silt		13 <sup>5</sup> -14 <sup>5</sup>			
"		14 <sup>5</sup> -17 <sup>5</sup>			
1447 silt	6 <sup>0</sup>	6-9		5020	669.5
1448 sand		9-10			
1449 silt		10-14			
1450 sand	5 <sup>0</sup>	5-7		5040	675.0
1451 silt		7-9			
1452 sand		9-13			
Beach				5060	
Beach			3450	5050	
1453 sand	5 <sup>5</sup>	5 <sup>5</sup> -8 <sup>5</sup>	3450	5040	673.7
1454 silt		8 <sup>5</sup> -9 <sup>5</sup> 9 <sup>5</sup> -12 <sup>5</sup>			
1455 sand		12 <sup>5</sup> -13 <sup>5</sup>			

Dec. 21-33

Gauge 682.4

Sample	Water d	Sampled	N	E	Orig. G.
1456 silt	6 <sup>5</sup>	6 <sup>5</sup> -10 <sup>5</sup>	3450	5020	669.8
"		10 <sup>5</sup> -11 <sup>5</sup>	"	"	"
1457 sand		11 <sup>5</sup> -12 <sup>5</sup>			
1458 silt		12 <sup>5</sup> -13 <sup>5</sup>			
1459 silt	6 <sup>5</sup>	6 <sup>5</sup> -10 <sup>5</sup> 10 <sup>5</sup> -11 <sup>5</sup>	"	5000	666.5
1460 sand		11 <sup>5</sup> -13 <sup>5</sup>			
1461 silt		13 <sup>5</sup> -14 <sup>5</sup>			
1462 sand	5 <sup>5</sup>	5 <sup>5</sup> -6 <sup>5</sup>		4980	669.8
1463 silt		6 <sup>5</sup> -7 <sup>5</sup>			
1464 sand		7 <sup>5</sup> -9 <sup>5</sup>			
"		9 <sup>5</sup> -11 <sup>5</sup>			
1465 silt		11 <sup>5</sup> -13 <sup>5</sup>			
1466				4960	= Beach
1467			3475	4960	= Beach
1468 silt	6 <sup>0</sup>	6-9	3475	4980	670.5
1469 sand		9-11	"	"	"
1470 silt		11-14	"	"	"
1471 silt	6 <sup>0</sup>	6-8	"	5000	667.8
1472 sand		8-14-15			
1473 silt		15-17			

Dec. 21 - 33.

Gauge CB24

Sample	Water'd	Sampled	N	E	Orig Gr.
1474 silt	6°	6-10	10-11	34.75	5020 669
1475 sand		11-12 <sup>5</sup>	"	"	"
1476 silt		12 <sup>5</sup> -14	"	"	"
1477 sand	6°	6-8	"	"	5040 672.9
1478 silt		8-10	"	"	"
1479 sand		10-11	"	"	"
					5050 = Beach
1480 sand	5 <sup>5</sup>	5 <sup>5</sup> -8 <sup>5</sup>	3500	5040	674.2
1481 silt		8 <sup>5</sup> -10 <sup>5</sup>	"	"	"
1482 sand		10 <sup>5</sup> -13	"	"	"
1483 silt	6°	6-10	"	"	5020 670.1
1484 sand		10-11	"	"	"
1485 silt		11-14	"	"	"
1486 silt	6 <sup>5</sup>	6 <sup>5</sup> -10 <sup>5</sup>	"	"	5000 666.5
1487 sand		10 <sup>5</sup> -12 <sup>5</sup>	"	"	"
1488 silt		12 <sup>5</sup> -17 <sup>5</sup>	"	"	"
1489 silt	6°	6-9	"	"	4980 670.3
1490 sand		9-10-10-12	"	"	"
1491 silt		12-14	"	"	"
1492					4960 = Beach
1493			3525	4960	"

Dec. 21 - 33

①  
Gauge 6824

Sample	Water'd	Sampled	N	E	Orig Gr.
1494 sand	5°	5-7-9-11	3525	4980	671.5
1495 silt		11-13	"	"	"
1496 silt	6°	6-10	"	"	5000 667.3
1497 sand		10-13	"	"	"
1498 silt		12-14	"	"	"
1499 sand	6 <sup>5</sup>	6 <sup>5</sup> -9 <sup>5</sup>	"	"	5020 668.9
1500 silt		9 <sup>5</sup> -11 <sup>5</sup>	"	"	"
1501 sand		11 <sup>5</sup> -12 <sup>5</sup>	"	"	"
1502 silt		12 <sup>5</sup> -14 <sup>5</sup>	"	"	"
1503 sand	5°	5-9	"	"	5040 673.6
1504 silt		9-13	"	"	"
					5050 = Beach
1505 sand	3 <sup>5</sup>	3 <sup>5</sup> -7 <sup>5</sup>	3550	5040	673.5
"		7 <sup>5</sup> -9 <sup>5</sup>	"	"	"
1506 silt		9 <sup>5</sup> -11 <sup>5</sup>	"	"	"
1507 silt	5 <sup>5</sup>	5 <sup>5</sup> -9 <sup>5</sup>	"	"	5020 667.2
1508 sand		9 <sup>5</sup> -11 <sup>5</sup>	"	"	"
1509 silt		11 <sup>5</sup> -13 <sup>5</sup>	"	"	"
1510 silt	6°	6-10	"	"	5000 668.5
1511 sand		10-12	"	"	"
1512 silt		12-14	"	"	"

Dec. 21 - 33

Gauge 6824

Sample	Water d	sampled	N	E	Orig. Gr
1513 silt	5.5	5.75	3550	4980	671.0
1514 sand		7.5-9.5	"	"	
1515 silt		10.5-13.5			
1516 sand			"	4960	Beach

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1517 sand			3575	4965	= Beach
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1518 sand	5.5	5.5-9.5	"	4980	672.0
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"		9.5-11.5	"	"	
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1519 silt		11.5-13.5	"	"	
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1520 silt	6.0	6-9	"	5000	669.0
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1521 sand		8-9.5	"	"	
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1522 silt		9-11	"	"	
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1523 sand		11-12	"	"	
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1524 silt		12-14	"	"	
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1525 sand	5.5	5.5-8.5	"	5020	669.0
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1526 silt		8.5-10.5	"	"	
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1527 sand		10.5-12.5	"	"	
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1528 silt		12.5-13.5	"	"	
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1529 sand	4.5	4.5-8.5	"	5040	673.0
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"		8.5-9.5	"	"	
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1530 "		9-13.5	"	"	
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5050 Beach

Dec. 21 - 33

Gauge 6824

sample	Water d	sampled	N	E	Orig. Gr
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Jan. 11, 1934

Gauge 682.2

Sample #	Water Depth	Sample Depth	N.	E.	Original Ground
1688 sand	3.0	3.0-10.0	3180	5040	672.1
1689 silt	"	10.0-11.0	"	"	"
<del>1690 silt</del>	<del>6.5</del>	<del>6.5-9.5</del>	<del>"</del>	<del>5020</del>	<del>668.9</del>
1690 sand	6.5	9.5-11.5	"	5020	668.9
1691 silt	"	11.5-13.5	"	"	"
1692 silt	6.5	6.5-10.5	"	5000	<sup>19.3</sup> 667.4
1693 silt	6.0	6.0-10.0	"	4980	667.7
1694 sand	"	10.0-14.0	"	"	"
1695 silt	"	14.0-17.0	"	"	"
No sample sand	2.0		3200	5040	
1696 silt	7.5	7.5-11.5	"	5020	<sup>12.1</sup> 668.8
1697 sand	"	11.5-12.5	"	"	"
No sample silt		12.5-15.0	"	"	"
1698 silt	8.0	8.0-12.0	"	5000	<sup>14.1</sup> 667.3
1699 sand	"	12.0-14.0	"	"	"

Albert  
Harper  
Simpson  
Osborne

Jan. 11, 1934

(13)  
Gauge 682.2

Sample #	Water Depth	Sample Depth	N.	E.	Original Ground
1700 sand	7.0	7.0-12.0	3200	4980	<sup>16.5</sup> 665.7
1701 silt	"	12.0-14.0	"	"	"
1702 sand	"	14.0-15.0	"	"	"
1703 sand	4.5	4.5-6.5	"	4960	<sup>13.0</sup> 668.7
1704 sand	"	6.5-10.5	"	"	"
1705 sand	6.0	6.0-10.0	3230	5040	<sup>9.6</sup> 672.6
1706 silt	"	10.0-14.0	"	"	"
1707 silt	8.5	8.5-12.5	"	5020	<sup>14.1</sup> 668.1
No sample silt	"	12.5-16.5	"	"	"
1708 silt?	8.5	8.5-12.5	"	5000	<sup>16.7</sup> 665.5
		12.5-15.5 - silt?		No sample taken	
		15.5-16.5 - sand		" " "	
1709 silt?	8.5	8.5-14.5	"	4980	<sup>16.3</sup> 665.9
1710 sand	"	14.5-17.0	"	"	"
1711 sand	6.0	6.0-10.0	"	4960	<sup>14.1</sup> 668.1

Jan. 12, 1934.

Gauge 683.0

Sample #	Water Depth	Sample Depth	N.	E.	Original Ground
1737 silt	6.0	6.0-8.0	3400	5040	<sup>2.0</sup> 675.0
1738 Sand	"	8.0-10.0	"	"	"
1739 silt	9.0	9.0-17.0	"	5020	<sup>13.6</sup> 669.4
1740 silt	9.0	9.0-14.0	"	5000	<sup>11.1</sup> 666.6
1741 Sand	"	14.0-15.0	"	"	"
1742 silt	"	15.0-17.0	"	"	"
1743 Sand	8.5	8.5-12.0	"	4980	<sup>13.2</sup> 669.7
1744 silt	"	12.0-15.0	"	"	"
1745 Sand	4.0	4.0-10.0	"	4960	<sup>7.4</sup> 675.6
1746 silt	"	10.0-11.0	"	"	"

Water Edge E4945<sup>2</sup>

1747 Sand	6.0	6.0-9.0	3450	5040	<sup>9.3</sup> 673.7
1748 silt	"	9.0-10.0	"	"	"
1749 silt	9.0	9.0-13.0	"	5020	<sup>13.2</sup> 669.8
1750 silt	8.5	8.5-16.5	"	5000	<sup>16.5</sup> 666.5

Jan. 12, 1934-

Gauge 683.0

Sample #	Water Depth	Sample Depth	N.	E.	
1751 Sand	8.0	8.0-12.0	3450	4980	<sup>13.2</sup> 669.8
1752 silt	"	13.0-16.0	"	"	"
1753 Sand	3.0	3.0-9.0	"	4960	<sup>7.5</sup> 675.6
1754 silt	"	9.0-11.0	"	"	"

Water edge E4940<sup>+</sup>

Summit Pool & Beach X Sections  
March 12, 1934 A.M.

Water Elev.  
691.2

N 3200

4865	+2.6	693.8
80	+3.0	94.2
4910	+1.6	92.8
30	0.0	91.2
40	4.5	86.7
50	10.0	81.2
60	12.5	78.7
70	13.0	78.2
80	15.0	76.2
90	11.5	79.7
5000	10.0	81.2
10	12.0	79.2
20	17.5	73.7
30	16.5	74.7
40	15.5	75.7
50	8.0	83.2
60	2.5	88.7
65	0.0	91.2
80	+1.4	92.6
5100	+2.0	93.2

Converse - Soundings  
 Elliott - X  
 Simpson - Notes.  
 Soper - §  
 Remmen - "

Water Elev.  
691.2

N 3300

4873	+2.5	693.7
4900	+2.5	93.7
37	0.0	91.2
40	0.5	90.7
50	5.0	86.2
60	9.0	82.2
70	11.0	80.2
80	13.5	77.7
90	15.0	76.2
5000	11.0	80.2
10	16.0	75.2
20	14.0	77.2
30	13.0	78.2
40	11.5	79.7
50	9.5	81.7
60	5.5	85.7
70	0.0	91.2
90	+1.4	92.6
5105	+1.8	93.0

March 12, 1934

E. Delaney - Notes for R. & G.

(16)

N3400

Water Elev.  
691.2

4875	+2.9	694.1
90	+3.1	94.3
4900	+2.7	93.9
45	0.0	91.2
50	2.0	89.2
60	6.5	84.7
70	9.0	82.2
80	11.0	80.2
90	12.0	79.2
5000	14.5	76.7
10	11.5	79.7
20	11.0	80.2
30	11.5	79.7
40	9.0	82.2
50	7.5	83.7
60	3.0	88.2
66	0.0	91.2
80	+0.8	92.0
5100	+2.4	93.6

N3500

Water Elev.  
691.2

4876	+2.2	693.4
4900	+1.6	92.8
40	0.0	91.2
50	4.0	87.2
60	7.0	84.2
70	8.5	82.7
80	10.0	81.2
90	12.0	79.2
5000	13.0	78.2
10	12.5	78.7
20	11.5	79.7
30	10.0	81.2
40	9.0	82.2
50	7.5	83.7
60	5.5	85.7
70	0.5	90.7
95	0.0	91.2

March 12, 1934

N3600

Water Elev.  
691.2

4880	+1.6	692.8 ✓
4900	+2.0	93.2 ✓
34	0.0	91.2 ✓
40	0.5	90.7 ✓
50	3.0	88.2 ✓
60	7.5	83.7 ✓
70	9.0	82.2 ✓
80	9.5	81.7 ✓
90	9.5	81.7 ✓
5000	9.5	81.7 ✓
10	11.0	80.2 ✓
20	12.0	79.2 ✓
30	11.0	80.2 ✓
40	9.5	81.7 ✓
50	8.5	82.7 ✓
60	5.0	86.2 ✓
70	1.0	90.2 ✓
95	0.0	91.2 ✓

(17)

N3700

Water Elev.  
691.2

4880	+1.8	693.0 ✓
4900	+1.8	93.0 ✓
43	0.0	91.2 ✓
50	1.0	90.2 ✓
60	7.0	84.2 ✓
70	8.5	82.7 ✓
80	11.0	80.2 ✓
90	13.5	77.7 ✓
5000	13.5	77.7 ✓
10	12.5	78.7 ✓
20	11.5	79.7 ✓
30	10.5	80.7 ✓
40	8.0	83.2 ✓
50	6.0	85.2 ✓
61	0.0	91.2 ✓
95	+1.0	92.2 ✓

March 12, 1934

N3800

Water Elev.  
691.2

4875	+2.6	693.8 ✓
4900	+3.0	94.2 ✓
46	0.0	91.2 ✓
50	1.0	90.2 ✓
60	6.5	84.7 ✓
70	7.5	83.7 ✓
80	8.5	82.7 ✓
90	11.0	80.2 ✓
5000	12.0	79.2 ✓
10	11.0	80.2 ✓
20	11.0	80.2 ✓
30	9.5	81.7 ✓
40	8.5	82.7 ✓
50	4.5	86.7 ✓
60	0.7	90.5 ✓
66	0.0	91.2 ✓
80	+0.6	91.8 ✓
95	+0.7	91.9 ✓

N3900

Water Elev.  
691.2

4872	+2.5	693.7 ✓
4910	+2.6	93.8 ✓
45	0.0	91.2 ✓
50	2.5	88.7 ✓
60	7.5	83.7 ✓
70	9.5	81.7 ✓
80	11.0	80.2 ✓
90	12.0	79.2 ✓
5000	13.5	77.7 ✓
10	12.0	79.2 ✓
20	12.0	79.2 ✓
30	11.0	80.2 ✓
40	9.5	81.7 ✓
50	7.0	84.2 ✓
60	2.5	88.7 ✓
65	0.0	91.2 ✓
80	+1.3	92.5 ✓
94	+1.6	92.8 ✓

Albert-Converse  
Hill-Simpson  
(Rec)

Puddle Core Samples

March 13, 1934 - A.M.

Gauge - 691.5

Sample #	Water Depth	Sample Depth	North	East
2316	10.5	10.5-14.5	3900	5035
2317	11.0	13.0-14.0	"	5020
2318	10.5	12.5-13.5	"	5000
2319	10.5	11.0-12.0	"	4980
2320	10.0	10.0-14.0	"	4973
2321	7.5	7.5-9.5	3800	4973
2322	8.0	8.0-12.0	"	4980
2323	11.5	11.5-15.5	"	5000
2324	10.5	10.5-14.5	"	5020
2325	9.0	10.5-11.5	"	5035
2326	9.5	9.5-13.5	3700	4973
2327	11.5	11.5-15.5	"	4980
2328	13.0	16.0-17.5	"	5000
2329	12.5	15.5-16.5	"	5020
2330	9.0	9.0-13.0	"	5035
2331	"	14.0-15.0	"	"
2332	8.0	10.0-11.5	3600	5035
2333	9.0	9.0-13.0	"	5020
2334	"	17.0-19.0	"	"
2335	11.5	15.0-17.5	"	5000
2336	8.5	16.0-20.0	"	4980
2337	8.0	8.0-12.0	"	4973

March 13, 1934 - A.M.

Gauge - 691.5

Sample #	Water Depth	Sample Depth	North	East
2338	7.5	7.5-11.5	3500	4974
2339	10.0	10.0-14.0	"	4980
2340	9.5	14.0-15.5	"	5000
2341	11.0	18.5-20.5	"	5020
2342	11.5	14.5-16.0	"	5010
2343	9.0	10.0-11.0	"	5033
<u>P.M.</u>				
2344	10.5	14.5-18.5	3400	4974
2345	11.0	17.0-18.0	"	4980
2346	10.0	14.0-18.0	"	5000
2347	12.0	17.5-18.0	"	5020
2348	9.5	10.5-11.5	"	5033
2349	12.0	12.0-14.0	3300	5033
2350	12.5	12.5-13.5	"	5020
2351	"	14.5-17.5	"	"
2352	12.0	16.5-20.0	"	5000
2353	13.0	15.5-18.5	"	4980
2354	"	18.0-19.0	"	"
2355	12.0	17.0-18.0	"	4974

## Puddle Core Samples

March 13, 1934 - P.M.Gauge 691.5

Sample #	Water Depth	Sample Depth	North	East
2356	14.0	15.0-17.0	3200	5033
2357	13.5	17.0-18.0	"	5020
2358	"	18.0-22.0	"	"
2359	12.5	18.0-19.0	"	5000
2360	"	21.0-23.0	"	"
2361	11.5	18.0-21.0	"	4980
2362	12.0	17.0-19.0	"	4974

March 14, 1934 - P.M.Gauge - 691.5

2372	9.5	9.5-22.0	3175	4974
2373	11.5	16.5-18.0	"	4980
2374	12.5	12.5-12.0	"	5000
2375	11.5	17.0-19.0	"	5020
2376	13.0	16.5-18.0	"	5033
2377	14.0	15.0-17.0	3225	5033
2378	"	18.0-19.0	"	"
2379	14.5	19.0-20.0	"	5020
2380	"	21.0-22.0	"	"
2381	12.0	20.0-22.0	"	5000
2382	16.0	17.0-19.5	"	4980
2383	"	20.5-21.5	"	"
2384	12.5	18.0-21.0	"	4974

Sand Below  
22' Depth

## Puddle Core Samples

March 14, 1934 - P.M.Gauge - 691.5

Sample #	Water Depth	Sample Depth	North	East
2385	10.5	18.0-19.0	3250	4974
2386	15.5	18.5-22.5	"	4980
2387	16.5	18.5-22.5	"	5000
2388	18.0	18.5-22.5	"	5020
2389	15.5	18.5-20.5	"	5033
2390	14.0	18.5-20.5	"	5027

March 15, 1934 - A.M.Gauge - 691.5

2391	12.5	14.0-16.0	3275	4974
2392	"	17.0-19.0	"	"
2393	13.5	15.0-17.0	"	4980
2394	"	19.0-20.0	"	"
2395	12.5	21.5-22.5	"	5000
2396	15.5	19.0-20.0	"	5020
2397	13.0	13.0-14.0	"	5033
2398	8.5	10.0-11.0	3935	4974
2399	9.5	11.0-12.0	"	4980
2400	11.5	13.0-14.0	"	5000
2401	11.0	11.0-13.0	"	5020
2402	9.5	10.0-12.5	"	5033

# Beach Samples

March 15, 1934.

Sample #	Sample Elev.	North	East
2403	692.5 - <sup>691.5</sup> 689.5	3930	4940
2404	694.0 - 691.0	"	4915
2405	695.0 - 692.0	"	4885
2406	692.0 - <sup>691.0</sup> 689.0	3850	4940
2407	693.0 - 690.0	"	4910
2408	694.0 - 691.0	"	4885
2409	692.0 - <sup>691.0</sup> 689.0	3750	4940
2410	693.0 - 690.0	"	4910
2411	694.0 - 691.0	"	4885
2412	694.0 - 691.0	3650	4885
2413	693.0 - 690.0	"	4910
2414	692.0 - <sup>691.0</sup> 689.0	"	4940
2415	692.0 - <sup>691.0</sup> 689.0	3550	4940
2416	693.0 - 690.0	"	4910
2417	694.0 - 691.0	"	4885
2418	694.0 - 691.0	3450	4885
2419	693.0 - 690.0	"	4910
2420	692.0 - <sup>691.0</sup> 689.0	"	4940

March, 15, 1934

Albert Hill

Simpson (Rec)

# Borrow Pit "C" Samples.

2421	N 3910 E 4380 - 1'-8' depth
2422	N 3925 E 4340 - 1'-8' depth

## Summit Pool &amp; Beach X Sections

March 16, 1934 - A.M.

N3900

Water Elev.  
691.5

4872	+2.4	693.9
4910	+2.6	94.1
40	0.0	91.5
50	2.5	89.0
60	7.0	84.5
70	9.0	82.5
80	10.5	81.0
90	12.0	79.5
5000	9.0	82.5
10	9.5	82.0
20	8.5	83.0
30	8.0	83.5
40	7.0	84.5
50	3.0	88.5
55	0.0	91.5
70	+0.9	92.4
85	+1.5	93.0

## Converse - Soundings

Simpson - Notes

Elliott - X

Soper - †

Remmer - "

(22)

N3800

Water Elev.  
691.5

4875	+2.2	693.7
4900	+3.0	94.5
45	0.0	91.5
50	2.0	89.5
60	6.5	85.0
70	7.5	84.0
80	9.0	82.5
90	10.0	81.5
5000	11.5	80.0
10	12.0	79.5
20	9.0	82.5
30	7.0	84.5
40	5.5	86.0
52	0.0	91.5
70	+0.8	92.3
80	+1.2	92.7

March 16, 1934

N3700

water Elev.  
691.5

4878	+2.4	693.9
4900	+2.6	94.1
40	0.0	91.5
50	2.0	89.5
60	7.0	84.5
70	9.0	82.5
80	10.5	81.0
90	10.0	81.5
5000	11.5	80.0
10	10.5	81.0
20	10.0	81.5
30	8.0	83.5
40	5.5	86.0
51	0.0	91.5
70	+1.3	92.8
5084	+1.3	92.8

N3600

water Elev.  
691.5

4877	+2.6	694.1
4900	+2.5	94.0
50	0.0	91.5
60	4.5	87.0
70	7.5	84.0
80	9.0	82.5
90	9.0	82.5
5000	9.0	82.5
10	9.0	82.5
20	8.5	83.0
30	8.5	83.0
40	7.0	84.5
50	2.5	89.0
60	0.0	91.5
80	+1.0	92.5
90	+1.2	92.7

March 16, 1934

N 3500

Water Elev.  
691.5

4878	+2.3	693.8
4900	+2.1	93.6
35	0.0	91.5
40	0.5	91.0
50	2.5	89.0
60	6.0	85.5
70	7.5	84.0
80	8.5	83.0
90	11.5	80.0
5000	10.5	81.0
10	10.0	81.5
20	10.5	81.0
30	9.0	82.5
40	7.5	84.0
50	5.0	86.5
60	2.0	89.5
65	0.0	91.5
85	0.0	91.5

23

N 3400

Water Elev.  
691.5

4876	+2.2	693.7
4890	+2.6	94.1
4940	0.0	91.5
50	2.5	89.0
60	7.0	84.5
70	9.0	82.5
80	11.5	80.0
90	11.5	80.0
5000	10.5	81.0
10	11.0	80.5
20	11.0	80.5
30	9.5	82.0
40	7.0	84.5
50	5.0	86.5
60	0.5	91.0
85	0.0	91.5

March 16, 1934

N3300

Water Elev.  
691.5

4873	+2.0	693.5
4900	+2.0	93.5
35	0.0	91.5
40	0.5	91.0
50	4.5	87.0
60	9.0	82.5
70	11.0	80.5
80	13.0	78.5
90	13.0	78.5
5000	12.5	79.0
10	14.5	77.0
20	13.5	78.0
30	11.5	80.0
40	9.5	82.0
50	7.5	84.0
60	2.0	89.5
85	0.0	91.5

(25)

N3200

Water Elev.  
691.5

4866	+2.4	693.9
4890	+2.2	93.7
4925	0.0	91.5
30	0.5	91.0
40	4.5	87.0
50	7.5	84.0
60	10.0	81.5
70	10.5	81.0
80	7.0	84.5
90	15.5	76.0
5000	8.5	83.0
10	14.5	77.0
20	13.5	78.0
30	13.5	78.0
40	12.0	79.5
50	9.0	82.5
60	1.0	90.5
65	0.0	91.5
90	0.0	91.5

## Summit Pool &amp; Beach X Sections

March 21, 1934

N3900

Water Elev.  
691.5

4887	+2.2	693.7
4900	+2.6	94.1
47	0.0	91.5
50	2.0	89.5
60	6.5	85.0
70	9.0	82.5
80	9.5	82.0
90	11.0	80.5
5000	8.5	83.0
10	11.0	80.5
20	9.0	82.5
30	7.5	84.0
40	5.0	86.5
50	1.5	90.0
52	0.0	91.5
70	+1.2	92.7
5086	+1.7	93.2

Converse - Soundings

Simpson - Notes

Elliott - X

Saper - 1

Remmen - "

26

N3800

Water Elev.  
691.5

4888	+2.0	693.5
4910	+2.0	93.5
45	0.0	91.5
50	0.5	91.0
60	5.0	86.5
70	6.0	85.5
80	8.0	83.5
90	9.5	82.0
5000	11.0	80.5
10	12.5	79.0
20	8.5	83.0
30	7.0	84.5
40	4.5	87.0
50	0.0	91.5
70	+1.5	93.0
5085	+2.3	93.8

March 21, 1934

N 3700

Water Elev.  
691.5

4887	+2.2	693.7
4910	+1.7	93.2
50	0.0	91.5
60	4.5	87.0
70	7.0	84.5
80	9.0	82.5
90	9.5	82.0
5000	9.5	82.0
10	8.5	83.0
20	6.5	85.0
30	7.0	84.5
40	4.0	87.5
50	1.5	90.0
52	0.0	91.5
70	+1.0	92.5
5085	+1.4	92.9

N 3600

Water Elev.  
691.5

4892	+2.6	694.1
4910	+2.1	93.6
52	0.0	91.5
60	3.5	88.0
70	6.5	85.0
80	8.0	83.5
90	9.0	82.5
5000	13.0	78.5
10	9.5	82.0
20	9.0	82.5
30	6.5	85.0
40	5.0	86.5
50	2.5	89.0
57	0.0	91.5
70	+1.1	92.6
5090	+1.3	92.8

March 21, 1934

N3500

Water Elev.  
691.5

4886	+3.0	694.5
4910	+2.6	94.1
48	0.0	91.5
60	4.5	87.0
70	6.0	85.5
80	8.0	83.5
90	9.5	82.0
5000	10.0	81.5
10	9.0	82.5
20	9.0	82.5
30	7.0	84.5
40	5.0	86.5
50	2.0	89.5
54	0.0	91.5
70	+1.0	92.5
5088	+1.2	92.7

N3400

Water Elev.  
691.5

4885	+3.0	694.5
4910	+2.3	93.8
50	0.0	91.5
60	4.5	87.0
70	7.5	84.0
80	9.0	82.5
90	10.5	81.0
5000	9.0	82.5
10	11.5	80.0
20	9.5	82.0
30	8.0	83.5
40	6.0	85.5
50	4.0	87.5
57	0.0	91.5
75	+1.0	92.5
5088	+1.0	92.5

March, 21, 1934

49

005511

N 3300

Water Elev.  
691.5

4890	+0.8	692.3
4940	0.0	91.5
50	4.5	87.0
60	8.0	83.5
70	10.0	81.5
80	12.0	79.5
90	10.5	81.0
5000	10.5	81.0
10	10.0	81.5
20	9.0	82.5
30	11.5	80.0
40	8.0	83.5
50	5.5	86.0
60	1.5	90.0
65	0.0	91.5
86	+0.5	92.0

005511

N 3200

Water Elev.  
691.5

4890	+0.5	692.0
4930	0.0	91.5
40	2.0	89.5
50	7.0	84.5
60	9.0	82.5
70	9.0	82.5
80	11.5	80.0
90	10.0	81.5
5000	10.0	81.5
10	<del>12.0</del> 12.0	79.5
20	9.5	82.0
30	9.0	82.5
40	9.5	82.0
50	7.0	84.5
60	2.0	89.5
65	0.0	91.5
90	0.0	91.5

Summit Pool & Beach X Sections

Converse  
Simpson  
Elliott  
Soper  
Remmen

For Estimate  
#23

April 4, 1934.

Water Elev.  
689.5

N 3200

5085	+1.9	691.4
70	+1.2	90.7
62	+1.4	90.9
58	0.0	89.5
50	5.0	84.5
40	7.5	82.0
30	9.0	80.5
20	11.5	78.0
10	12.0	77.5
5000	12.0	77.5
4990	8.0	81.5
80	8.5	81.0
70	6.0	83.5
60	6.0	83.5
50	4.5	85.0
40	2.5	87.0
35	0.0	89.5
4930	+1.2	90.7
4880	+1.6	91.1

Water Elev.  
689.5

N 3300

5085	+2.0	691.5
65	+1.5	91.0
60	0.0	89.5
50	3.0	86.5
40	6.5	83.0
30	6.5	83.0
20	8.0	81.5
10	7.5	82.0
5000	6.5	83.0
4990	9.5	80.0
80	8.5	81.0
70	7.0	82.5
60	4.5	85.0
50	3.0	86.5
44	0.0	89.5
4940	+1.7	91.2
4882	+4.2	93.7

APRIL 4, 1934

(3)

Water Elev.  
689.5

N 3400

5087	+ 3.0	692.5
60	+ 1.6	91.1
55	0.0	89.5
50	2.0	87.5
40	3.0	86.5
30	6.0	83.5
20	8.5	81.0
10	9.5	80.0
5000	9.5	80.0
4990	8.0	81.5
80	6.5	83.0
70	3.5	86.0
60	2.0	87.5
53	0.0	89.5
50	+ 1.5	91.0
4900	+ 4.0	93.5
4885	+ 4.6	94.1

Water Elev.  
689.5

N 3500

5085	+ 2.8	692.3
60	+ 1.7	91.2
55	0.0	89.5
50	1.0	88.5
40	2.5	87.0
30	3.0	86.5
20	4.5	85.0
10	7.0	82.5
5000	8.0	81.5
4990	6.5	83.0
80	4.5	85.0
70	3.0	86.5
60	2.0	87.5
52	0.0	89.5
46	+ 1.6	91.1
4900	+ 4.2	93.7
4886	+ 4.2	93.7

Water Elev.  
689.5

N3600

5088	+3.0	692.5
60	+1.7	91.2
55	0.0	89.5
50	1.0	88.5
40	2.5	87.0
30	4.0	85.5
20	6.5	83.0
10	7.0	82.5
5000	8.0	81.5
4990	7.0	82.5
80	5.5	84.0
70	3.5	86.0
60	1.5	88.0
55	0.0	89.5
50	+2.0	91.5
4910	+4.0	93.5
4889	+4.6	94.1

APRIL 4, 1934

32

Water Elev.  
689.5

N3700

5085	+3.0	692.5
55	+1.6	91.1
50	0.0	89.5
40	2.5	87.0
30	3.5	86.0
20	4.5	85.0
10	6.0	83.5
5000	7.0	82.5
4990	6.5	83.0
80	5.0	84.5
70	3.5	86.0
60	2.5	87.0
52	0.0	89.5
50	+1.7	91.2
4910	+3.9	93.4
4889	+4.0	93.5

Water Elev.  
689.5

N3800

5085	+4.2	693.7
55	+1.8	91.3
50	0.0	89.5
40	2.5	87.0
30	3.5	86.0
20	5.0	84.5
10	7.0	82.5
5000	8.5	81.0
4990	6.5	83.0
80	5.0	84.5
70	3.5	86.0
60	2.5	87.0
52	0.0	89.5
50	+1.4	90.9
4910	+3.5	93.0
4886	+3.8	93.3

APRIL 4, 1934

(33)

Water Elev.  
689.5

N3900

5085	+3.3	692.8
55	+1.4	90.9
53	0.0	89.5
50	1.5	88.0
40	3.0	86.5
30	4.0	85.5
20	5.5	84.0
10	7.5	82.0
5000	7.0	82.5
4990	6.5	83.0
80	5.5	84.0
70	5.0	84.5
60	2.5	87.0
52	0.0	89.5
50	+1.8	91.3
4910	+4.0	93.5
4890	+4.2	93.7

## Summit Pool &amp; Beach X Sections

April-16, 1934

N 3200

Water Elev.  
689.5

5080	+2.0	691.5
63	+2.0	91.5
56	0.0	89.5
50	2.5	87.0
40	7.0	82.5
30	8.5	81.0
20	9.5	80.0
10	11.5	78.0
5000	9.5	80.0
4990	9.0	<del>80.5</del> 83.5
80	8.0	81.5
70	6.0	83.5
60	5.5	84.0
50	4.0	85.5
40	1.0	88.5
35	0.0	89.5
4930	+1.7	91.2
4880	+2.2	91.7

Converse-Soundings  
Simpson-Notes  
Elliott-X  
Soper-Rod  
Remmen-

(34)

N 3300

Water Elev.  
689.5

4882	+4.2	693.7
4940	+1.7	91.2
45	0.0	89.5
50	2.0	87.5
60	4.0	85.5
70	5.5	84.0
80	6.0	83.5
90	7.0	82.5
5000	7.0	82.5
10	7.0	82.5
20	6.0	83.5
30	6.0	83.5
40	5.0	84.5
50	2.0	87.5
58	0.0	89.5
64	+1.8	91.3
85	+2.4	91.9

April-16, 1934

(35)

N3400

Water Elev.  
689.5

5085	+2.9	692.4
58	+1.9	91.4
53	0.0	89.5
50	1.5	88.0
40	2.5	87.0
30	5.0	84.5
20	7.0	82.5
10	7.5	82.0
5000	6.5	83.0
4990	6.0	83.5
80	5.0	84.5
70	3.0	86.5
60	2.0	87.5
54	0.0	89.5
50	+2.0	91.5
4900	+4.3	93.8
4885	+5.0	94.5

N3500

Water Elev.  
689.5

4884	+4.7	694.2
4900	+4.5	94.0
48	+2.0	91.5
53	0.0	89.5
60	1.0	88.5
70	2.0	87.5
80	5.5	84.0
90	11.0	78.5
5000	10.0	79.5
10	9.5	80.0
20	8.0	81.5
30	7.0	82.5
40	2.0	87.5
50	0.5	89.0
52	0.0	89.5
55	+1.8	91.3
85	+3.2	92.7

April-16, 1934

(36)

N3600

Water Elev.  
689.5

5085	+3.3	692.8
75	+3.3	92.8
56	+1.7	91.2
52	0.0	89.5
40	2.0	87.5
30	5.0	84.5
20	6.5	83.0
10	8.0	81.5
5000	9.0	80.5
4990	8.0	81.5
80	5.0	84.5
70	2.5	87.0
60	1.0	88.5
55	0.0	89.5
50	+2.2	91.7
4900	+4.5	<del>85.0</del> 95.0
4889	+5.1	94.6

N3700

Water Elev.  
689.5

4889	+4.0	693.5
4900	+4.0	93.5
48	+2.0	91.5
53	0.0	89.5
60	2.0	87.5
70	2.5	87.0
80	6.0	83.5
90	8.5	81.0
5000	8.5	81.0
10	7.5	82.0
20	7.5	82.0
30	6.0	83.5
40	2.5	87.0
48	0.0	89.5
53	+1.7	91.2
70	+3.0	92.5
85	+3.5	93.0

April-16, 1934

(37)

N 3800

Water Elev.  
689.5

4887	+4.2	693.7
4910	+4.0	93.5
50	+1.8	91.3
53	0.0	89.5
60	2.0	87.5
70	2.5	87.0
80	4.0	85.5
90	6.0	83.5
5000	7.5	82.0
10	7.5	82.0
20	7.0	82.5
30	7.0	82.5
40	2.5	87.0
47	0.0	89.5
55	+2.4	91.9
70	+3.6	93.1
75	+1.5	91.0
80	+1.0	90.5

N 3900

Water Elev.  
689.5

5080	0.0	689.5
70	+0.2	89.7
65	+2.7	92.2
55	+2.2	91.7
51	0.0	89.5
40	3.5	86.0
30	7.0	82.5
20	9.0	80.5
10	7.5	82.0
5000	8.0	81.5
4990	8.0	81.5
80	5.5	84.0
70	4.0	85.5
60	2.0	87.5
52	0.0	89.5
48	+2.1	91.6
4910	+4.1	93.6
4887	+4.6	94.1

Sections Extended from  
Beach to outside of rock embankment  
April 18-1934

N 3900 ✓

Staff	713.8			
E 5106		5.2	708.6	Rock
5124		5.5	08.3	"
5133		11.6	02.2	"
5145		12.5	01.3	"

B.M.	0.7	709.9	709.2	
4870		5.3	704.6	Sand
4859		7.5	02.4	Toe of sand
4836		8.3	01.6	Rock

N 3600

Staff	708.8			
5100		8.5	700.2	Sand
5128		8.2	00.6	sand
5140		3.9	04.9	sand
5148		2.8	06.0	sand
5170		15.6	693.2	Toe of sand

Staff	709.2			
4876		5.9	03.3	Sand
4863		5.1	04.1	Sand
4860		8.8	00.4	Toe of sand
4836		8.6	00.6	Rock

N.3300

Staff	705.5			
5101		5.2	700.3	Sand
5133		6.2	699.3	Rock
5148		2.1	703.4	Sand
5160		2.2	703.3	Sand
5189		21.2	684.3	Toe of sand

Staff	713.6			
4868		10.8	702.8	Sand
4863		10.8	692.8	"
4851		2.4	11.2	"
4836		15.0	698.6	Toe of sand

Summit Pool & Beach X Sections  
For Monthly Estimate #24

May-1-1934

Water Elev.  
690.0

N 3900

5083	+1.1	691.1
54	+0.5	90.5
52	0.0	90.0
40	4.0	86.0
30	7.5	82.5
20	9.5	80.5
10	8.5	81.5
5000	8.5	81.5
4990	8.0	82.0
80	5.0	85.0
70	4.0	86.0
60	2.5	87.5
50	0.0	90.0
48	+1.4	91.4
4910	+3.4	93.4
4888	+4.0	94.0

Converse  
Simpson  
Soper  
Remmen

Water Elev.  
690.0

N 3800

4885	+3.4	693.4
4910	+3.4	93.4
49	+1.1	91.1
51	0.0	90.0
60	2.0	88.0
70	3.0	87.0
80	4.0	86.0
90	6.0	84.0
5000	7.0	83.0
10	7.5	82.5
20	8.0	82.0
30	6.5	83.5
40	2.5	87.5
48	0.0	90.0
50	+0.7	90.7
70	+1.8	91.8
84	+3.2	93.2

May-1-1934

(4)

Water Elev.  
690.0

N 3700

5080	+2.0	692.0
52	+0.5	90.5
50	0.0	90.0
40	3.0	87.0
30	5.5	84.5
20	6.5	83.5
10	6.0	84.0
5000	9.0	81.0
4990	9.5	80.5
80	5.0	85.0
70	3.5	86.5
60	2.5	87.5
52	0.0	90.0
49	+1.3	91.3
4910	+3.6	93.6
4889	+4.1	94.1

Water Elev.  
690.0

N 3600

4890	+4.6	694.6
4910	+4.0	94.0
51	+1.6	91.6
54	0.0	90.0
60	2.0	88.0
70	3.0	87.0
80	5.0	85.0
90	6.5	83.5
5000	7.0	83.0
10	7.5	82.5
20	6.0	84.0
30	5.0	85.0
40	2.5	87.5
50	0.5	89.5
54	0.0	90.0
70	+0.8	90.8
85	+1.6	91.6

May-1-1934

N3500

Water Elev.  
690.0

5082	+1.4	691.4
52	0.0	90.0
50	0.5	89.5
40	2.5	87.5
30	6.5	83.5
20	7.0	83.0
10	7.5	82.5
5000	7.5	82.5
4990	7.5	82.5
80	6.0	84.0
70	2.5	87.5
60	2.0	88.0
50	0.0	90.0
48	+1.2	91.2
4910	+3.9	93.9
4885	+4.3	94.3

N3400

Water Elev.  
690.0

4885	+4.7	694.7
4910	+3.5	93.5
50	+1.3	91.3
52	0.0	90.0
60	2.5	87.5
70	3.0	87.0
80	5.0	85.0
90	6.0	84.0
5000	6.0	84.0
10	6.5	83.5
20	6.0	84.0
30	5.0	85.0
40	2.5	87.5
50	1.5	88.5
54	0.0	90.0
56	+0.4	90.4
82	+1.5	91.5

May-1-1934

N3300

Water Elev.  
690.0

5081	+0.5	690.5
60	0.0	90.0
50	2.0	88.0
40	3.0	87.0
30	5.5	84.5
20	5.5	84.5
10	5.5	84.5
5000	6.5	83.5
4990	6.0	84.0
80	6.0	84.0
70	5.0	85.0
60	3.5	86.5
50	2.0	88.0
43	0.0	90.0
40	+1.4	91.4
4900	+2.9	92.9
4881	+3.9	93.9

(13)

N3200

Water Elev.  
690.0

4880	+1.8	691.8
4930	+1.1	91.1
34	0.0	90.0
40	1.5	88.5
50	3.5	86.5
60	5.0	85.0
70	6.0	84.0
80	7.0	83.0
90	7.0	83.0
5000	7.5	82.5
10	8.5	81.5
20	8.0	82.0
30	6.5	83.5
40	6.0	84.0
50	3.5	86.5
60	1.0	89.0
64	0.0	90.0
85	+0.3	90.3

May 24 - 1934  
 X Sections of Top of Dam Puddle  
 Water Elev. 689.0  
 N 3200

5134		707.3
5107		706.4
5086	+3.4	692.4
58	+1.6	90.6
55	0.0	89.0
50	1.0	88.0
40	2.5	86.5
30	2.5	86.5
20	2.5	86.5
10	2.5	86.5
5000	2.0	87.0
4990	2.5	86.5
80	2.5	86.5
70	2.5	86.5
60	2.0	87.0
50	2.5	86.5
40	1.0	88.0
37	0.0	89.0
4932	+1.9	90.9
4880	+2.8	91.8
4860		707.3
4855		707.3
4847		701.0

Converse  
 Elliott  
 Soper  
 Remmen

(44)

689.0 N 3300

5134		707.6
5101		706.7
5084	+2.4	691.4
58	+1.3	90.3
55	0.0	89.0
50	1.0	88.0
40	2.5	86.5
30	2.5	86.5
20	2.5	86.5
10	3.0	86.0
5000	4.5	84.5
4990	4.5	84.5
80	4.0	85.0
70	3.5	85.5
60	2.5	86.5
50	1.0	88.0
45	0.0	89.0
4940	+2.4	91.4
4882	+5.0	94.0
4869		702.3
63		702.3
55		711.1
50		711.1
37		700.5

May 24 - 1934

689.0

N3400

5134		707.8
5101		707.8
5084	+2.4	691.4
55	+1.2	90.2
52	0.0	89.0
50	0.5	88.5
40	2.0	87.0
30	4.0	85.0
20	5.0	84.0
10	5.5	83.5
5000	5.5	83.5
4990	5.0	84.0
80	4.0	85.0
70	2.0	87.0
60	1.0	88.0
55	0.0	89.0
50	+2.2	91.2
4900	+4.8	93.8
4885	+5.3	94.3
4870		704.6
4850		705.0
4838		701.5

45

689.0

N3500

5133		708.9
5104		708.7
5084	+2.1	691.1
52	+2.0	91.0
49	0.0	89.0
40	1.5	87.5
30	4.5	84.5
20	5.5	83.5
10	6.0	83.0
5000	6.5	82.5
4990	6.0	83.0
80	4.0	85.0
70	2.0	87.0
60	1.0	88.0
55	0.0	89.0
47	+2.2	91.2
4900	+4.8	93.8
4886	+5.0	94.0
4873		701.7
50		707.2
4837		702.0

May 24 - 1934

689.0 N 3600

5133		708.7
5105		708.7
50.86	+2.5	691.5
54	+1.1	90.1
50	0.0	89.0
40	1.5	87.5
30	4.0	85.0
20	5.0	84.0
10	6.5	82.5
5000	6.0	83.0
4990	5.5	83.5
80	3.5	85.5
70	2.0	87.0
60	1.0	88.0
56	0.0	89.0
50	+2.7	91.7
4910	+4.7	93.7
4890	+5.4	94.4
4877		703.2
4863		704.0
60		701.2
37		702.0

46

689.0 N 3700

5133		708.7
5102		708.6
5082	+2.8	691.8
51	+1.5	90.5
48	0.0	89.0
40	1.5	87.5
30	3.0	86.0
20	4.5	84.5
10	4.5	84.5
5000	4.5	84.5
4990	4.5	84.5
80	3.5	85.5
70	2.0	87.0
60	1.5	87.5
54	0.0	89.0
50	+2.3	91.3
4910	+4.6	93.6
4890	+4.8	93.8
74		704.0
62		703.6
59		699.5
37		701.5

May 24-1934

689.0

N3800

5133		708.7
5103		708.7
5085	+4.1	693.1
50	+1.5	90.5
46	0.0	89.0
40	1.5	87.5
30	4.5	84.5
20	4.5	84.5
10	5.0	84.0
5000	5.0	84.0
90	4.0	85.0
80	2.5	86.5
70	2.0	87.0
60	1.0	88.0
54	0.0	89.0
50	+2.1	91.1
4910	+4.1	93.1
4885	+5.0	94.0
62		704.6
58		704.6
55		701.8
37		701.0

(47)

689.0

N3900

5133		708.2
5103		707.8
5084	+2.0	691.0
55	+1.5	90.5
50	0.0	89.0
40	2.5	86.5
30	5.5	83.5
20	6.5	82.5
10	6.5	82.5
5000	7.0	82.0
4990	6.5	82.5
80	3.5	85.5
70	2.5	86.5
60	1.5	87.5
55	0.0	89.0
50	+2.5	91.5
4910	+4.9	93.9
4890	+5.3	94.3
73		703.7
63		700.0

Additional shots on upstream  
rock embankment  
May 28, 1934

N 3100

711.2

E 5100	18.2	693.0	
12	4.8	06.4	
33	5.0	06.2	
50	12.4	98.8	0.9

N 3200

712.2 → 5.0 07.2

5128 29 3.4 08.8

N 3300

712.7

5127	5.1	07.6	
29	2.8	09.9	

N 3400

713.0

5126	5.0	08.0	
28	2.0	11.0	

N 3500

713.4

5125	5.0	08.4	
28	2.1	11.3	

N 3600

714.2

5125	5.0	09.2	
28	3.1	11.1	

(to be used in conjunction with notes)  
Page 44 to 47

N 3700

713.9

5125	5.2	08.7	
28	2.6	11.3	

N 3800

713.7

5126	4.6	09.1	
28	2.6	11.1	

N 3900

713.3

5126	4.8	08.5	
30	3.7	09.6	

N 3960

714.0

5130	5.6	08.4	
24	4.8	09.2	
02	5.7	08.3	

N 4100

713.3

5205	35.0	78.3	
5185	25.7	87.6	
60	16.1	97.2	
45	12.7	00.6	
28	5.0	08.3	
03	5.4	07.9	

X Sections of puddle  
core after stirring  
+ jetting.

June 4 - 1934  
Converse  
Elliott  
Simpson  
Soper

N 3900

Staff 689.5

5050	0.0
40	2.5
30	5.5
20	6.5
10	6.0
5000	6.5
95	6.5
4990	6.5
85	4.5
80	3.5
70	3.0
60	1.5
50	0.0

(49)

N 3800

689.5

4953	0.0
60	1.5
70	2.0
80	4.0
85	4.0
90	4.0
95	4.5
5000	5.5
05	5.5
10	4.5
20	4.5
30	4.0
40	2.0
46	0.0

June 4-1934

N3700

689.5

5050	0.0
40	2.0
30	3.5
20	4.0
10	4.5
5000	5.5
4995	6.0
90	5.0
85	5.0
80	4.0
70	2.0
60	2.0
52	0.0

(50)

Note: this station is between the  
Jet + the mixer, Jet at 3640 + mixer at 3550

N3600

689.5

5052	0.0
40	2.5
30	5.0
20	8.5
15	9.0
10	9.0
05	9.0
5000	8.0
4995	7.5
90	7.0
85	6.5
80	5.5
70	3.0
60	2.0
56	0.0

June 4 - 1934

N 3500

689.5

4953	0.0
60	2.0
70	2.5
80	5.5
85	6.5
90	6.5
5000	7.0
05	10.5
10	9.0
15	9.0
20	6.5
25	6.0
30	5.5
40	3.0
50	0.5
55	0.0

N 3400

689.5

5053	0.0
50	1.5
40	3.0
30	5.0
25	6.0
20	7.5
15	7.0
10	8.5
05	6.5
5000	6.0
4995	6.0
90	5.5
85	5.5
80	4.5
70	3.0
60	2.0
54	0.0

(51)

June 4 - 1934

N3300

689.5

4945	0.0
50	2.0
60	3.0
70	4.0
75	4.0
80	7.0
85	6.5
90	7.5
95	5.5
5000	4.0
05	5.0
10	7.0
15	4.5
20	5.0
30	3.5
40	3.0
50	2.0
56	0.0

N3200

689.5

5056	0.0
50	2.5
40	2.5
30	3.5
20	3.5
15	5.0
10	4.0
05	3.5
5000	7.5
4995	6.5
90	6.5
85	4.5
80	5.0
75	3.5
70	3.5
60	3.0
50	3.0
40	1.5
35	0.0

June 27 - 1934  
 X sections of summit pool

N3900

692.8

(93.0)

4890	+1.0	694.0	Down Stream Beach
4920	0.0	93.0	93.5
30	0.5	92.5	88.7
40	1.0	92.0	
50	2.0	91.0	
60	3.5	89.5	
70	4.0	89.0	
80	7.0	86.0	
90	6.0	87.0	
5000	7.0	86.0	
10	7.0	86.0	
20	5.5	87.5	
30	5.0	88.0	94.5 Up Stream Beach
40	3.0	90.0	
50	0.0	93.0	
85	+2.5	95.5	

Converse  
 Elliott  
 Simpson  
 Soper  
 Remmen

(53)

N3800

692.8

4885	+0.5	693.5	
4910	+0.5	93.5	
20	0.0	93.0	93.1
30	0.5	92.5	
40	1.0	92.0	89.6
50	1.0	92.0	
60	1.5	91.5	
70	2.5	90.5	
80	4.5	88.5	
90	4.5	88.5	94.1
5000	5.0	88.0	
10	6.0	87.0	
20	5.5	87.5	
30	4.0	89.0	
40	2.0	91.0	
50	0.0	93.0	
86	+2.2	95.2	

June 27 1934  
Summit Pool

N3700

692.8

(93.0)

4888	+1.2	694.7	
4910	+0.8	93.8	93.7
4925	0.0	93.0	
40	0.5	97.5	}
50	1.0	97.0	
60	1.5	91.5	
70	3.0	90.0	
80	5.5	87.5	} 88.7
90	6.0	87.0	
5000	8.5	84.5	
10	8.0	85.0	
20	6.0	87.0	
30	5.0	88.0	} 94.6
40	2.0	91.0	
50	0.0	93.0	
5085	+3.2	96.7	

(5A)

N3600

692.8

(93.0)

4890	+1.6	694.6	
4910	+1.1	94.1	93.9
30	0.0	93.0	W.S.
40	0.5	97.5	}
50	1.0	97.0	
60	2.0	91.0	
70	3.0	90.0	
80	6.0	87.0	
90	8.0	85.0	88.4
5000	10.0	83.0	
10	9.0	84.0	
20	6.0	87.0	
30	3.0	90.0	}
40	2.0	91.0	
47	0.0	93.0	} 94.5
85	+3.0	96.0	

June 27 - 1934  
Summit Pool

N 3500

692.8  
(93.0)

4885	+1.2	91.2	
4910	+0.6	93.6	93.6
31	0.0	93.0	
40	0.5	91.5	
50	1.0	91.0	
60	3.5	89.5	
70	3.5	89.5	
80	6.5	86.5	88.4
90	9.0	84.0	
5000	6.5	86.5	
10	7.0	86.0	
20	5.0	88.0	
30	4.5	88.5	
40	3.0	90.0	
50	1.5	91.5	
60	1.0	91.0	92.5
73	0.0	93.0	
79	+0.6	93.6	

55

N 3400

692.8  
(93.0)

4884	+2.4	695.4	
4900	+2.1	95.1	95.2
45	0.0	93.0	
60	0.5	91.5	
70	2.5	90.5	
80	5.5	87.5	
90	7.5	85.5	
5000	8.0	85.0	
10	7.0	86.0	88.5
20	7.0	86.0	
30	3.5	89.5	
40	3.0	90.0	
50	1.5	91.5	
60	1.0	91.0	92.5
70	0.5	91.5	
78	0.0	93.0	Top of dirt

June 27 - 1934  
Summit Pool

N3300

692.8  
(93.0)

4880	+2.9	695.9	
4910	+2.4	95.4	94.8
45	0.0	93.0	
60	4.0	89.0	
70	5.5	87.5	
80	11.5	81.5	
90	11.5	81.5	
5000	7.5	85.5	86.4
10	7.0	86.0	
20	5.5	87.5	
30	4.0	89.0	
40	2.5	90.5	
50	1.5	91.5	
60	1.0	92.0	92.5
70	0.5	92.5	
75	0.0	93.0	7000 ft

(56)

N3200

692.8  
(93.0)

4880	+1.9	694.9	
4920	0.0	93.0	93.0
30	2.0	91.0	
40	3.0	90.0	
50	3.5	89.5	
60	4.0	89.0	
70	5.0	88.0	
80	7.0	86.0	
90	7.0	86.0	88.0
5000	7.0	86.0	
10	6.0	87.0	
20	5.0	88.0	
30	4.0	89.0	
40	3.0	90.0	
50	2.0	91.0	
60	1.0	92.0	92.3
70	0.5	92.5	
80	0.0	93.0	
89	+0.4	93.4	

July 3-1934  
Summit Pool Est #26

N 3200

698.0

4860	+1.9	699.9	
70	+1.6	99.6	
4920	0.0	98.0	water
30	0.5	97.5	Surface
40	1.5	96.5	
50	5.0	93.0	
60	7.0	91.0	
70	8.5	89.5	
80	8.5	89.5	
90	8.5	89.5	
5000	9.0	89.0	
10	8.0	90.0	
20	7.0	91.0	
30	5.5	92.5	
40	2.0	96.0	
48	0.0	98.0	
96	+3.0	701.0	

Zero section N 3100

N 3300

698.0

57

4872	+2.5	700.5	✓
90	+2.9	700.9	✓
4930	0.0	698.0	✓
40	0.5	97.5	✓
50	4.0	94.0	✓
60	8.5	89.5	✓
70	9.5	88.5	✓
80	10.5	87.5	✓
90	11.5	86.5	✓
5000	12.0	86.0	✓
10	11.0	87.0	✓
20	8.5	89.5	✓
30	5.5	92.5	✓
40	2.5	95.5	✓
50	0.5	97.5	✓
60	0.0	98.0	✓
87	+1.7	99.7	✓

July 3 - 1934  
Summit Pool Est. #26

N 3400

698.0

5095	+2.0	700.0	✓
65	0.0	698.0	✓
50	0.5	97.5	✓
40	2.5	95.5	✓
30	6.0	92.0	✓
20	8.5	89.5	✓
10	10.5	87.5	✓
5000	11.0	87.0	✓
4990	10.5	87.5	✓
80	9.0	89.0	✓
70	6.5	91.5	✓
60	4.0	94.0	✓
50	1.0	97.0	✓
40	0.5	97.5	✓
30	0.0	98.0	✓
4900	+2.0	700.0	✓
4876	+1.9	699.9	✓

N 3500

698.0

4877	+1.5	699.5	✓
90	+1.5	99.5	✓
4920	0.0	98.0	✓
30	0.5	97.5	✓
40	1.0	97.0	✓
50	2.5	95.5	✓
60	5.5	92.5	✓
70	8.0	90.0	✓
80	9.5	88.5	✓
90	9.0	89.0	✓
5000	10.0	88.0	✓
10	10.0	88.0	✓
20	8.5	89.5	✓
30	6.0	92.0	✓
40	2.5	95.5	✓
50	0.5	97.5	✓
60	0.0	98.0	✓
70	+1.5	99.5	✓

(58)

July 3-1934  
Summit Pool Est. #26

N3600

698.0

5077	+1.5	699.5	✓
60	0.0	98.0	✓
50	0.5	97.5	✓
40	3.0	95.0	✓
30	6.0	92.0	✓
20	9.0	89.0	✓
10	10.5	87.5	✓
5000	11.0	87.0	✓
4990	10.0	88.0	✓
80	9.0	89.0	✓
70	7.0	91.0	✓
60	3.0	95.0	✓
4950	0.0	98.0	✓
4880	+2.4	700.4	✓

N3700

698.0

(59)

5088	+1.5	699.5	✓
60	0.0	98.0	✓
50	0.5	97.5	✓
40	3.5	94.5	✓
30	6.0	92.0	✓
20	8.0	90.0	✓
10	8.5	89.5	✓
5000	10.0	88.0	✓
4990	9.0	89.0	✓
80	8.0	90.0	✓
70	5.0	93.0	✓
60	1.5	96.5	✓
50	0.0	698.0	✓
4900	+2.9	700.9	✓
4877	+3.8	701.8	✓

July 3 - 1934  
Summit Pool Est. #26

N3800

698.0

4870	+2.6	700.6	✓
4900	+3.0	701.0	✓
4940	0.0	698.0	✓
50	0.5	97.5	✓
60	4.5	93.5	✓
70	6.5	91.5	✓
80	8.5	89.5	✓
90	9.0	89.0	✓
5000	9.0	89.0	✓
10	8.5	89.5	✓
20	7.0	91.0	✓
30	4.5	93.5	✓
40	2.0	96.0	✓
50	0.0	698.0	✓
80	+2.0	700.0	✓

(60)

N3900

698.0

5094	+2.4	700.4	✓
45	0.0	698.0	✓
40	1.0	97.0	✓
30	5.0	93.0	✓
20	7.0	91.0	✓
10	9.5	88.5	✓
5000	9.5	88.5	✓
4990	10.0	88.0	✓
80	9.5	88.5	✓
70	8.0	90.0	✓
60	6.5	91.5	✓
50	4.5	93.5	✓
40	0.5	97.5	✓
30	0.0	698.0	✓
4875	+3.3	701.3	✓

3900 Section also plotted on N4000

Zero Section on N4100

Albert  
Hill  
Converse

Puddle Samples  
July 9 - 1934

Gauge = 700.0

Elliott  
Simpson  
Remmey

Sample	Water Depth	Sample D.	N.	E.	
2882	10.5	11-15	3900	4980	O.K.
2883	10.0	10-18	"	5000	O.K.
2884	9.5	12-16	"	5020	O.K.
2885	8.0	10 <sup>5</sup> -14 <sup>5</sup>	3800	4980	O.K.
2886	6.5	12-16	"	5000	O.K.
2887	8.5	10-14	"	5020	O.K.
2888	7.0	10-18	3700	5020	Pure Luteside O.K.
2889	10.5	14-18	"	5000	O.K.
2890	7.0	9-16	"	4980	O.K.
2891	7.0	8-15	3600	4980	O.K.
2892	8.5	12-19	"	5000	O.K.
2893	5.0	11-15	"	5020	O.K.
2894	7.5	13-16 <sup>5</sup>	3500	5020	Pure Luteside O.K.
2895	8.5	13-19	"	5000	O.K.
2896	8.5	12 <sup>5</sup> -16 <sup>5</sup>	"	4980	O.K.
2897	10.0	12-16	3400	5020	O.K.
2898	12.0	14-18	"	5000	O.K.
2899	8.0	10-18	"	4980	O.K.

Puddle Samples Gauge 700.0<sup>(61)</sup>  
July 9 - 1934

Sample No.	Water Depth	Sample Depth	N.	E.	
2900	7.0	11-18	3300	4980	O.K.
2901	11.5	14-18	"	5000	O.K.
2902	8.0	13 <sup>5</sup> -17 <sup>5</sup>	"	5020	O.K.
2903	8.0	12-16	3200	5020	O.K.
2904	7.5	14-18	"	5000	O.K.
2905	7.0	14-18	"	4880	?

Albert  
Hill  
Converse

Puddle Samples July 13, 1934  
Gauge 703.0

Sample	Water Depth	Sample Depth	N.	E.	
2911	7.5	10 <sup>5</sup> -18 <sup>5</sup>	3150	4980	O.K.
2912	7.0	9-13	"	5000	O.K.
2913	5.0	10 <sup>5</sup> -11 <sup>5</sup>	"	5020	Lakeside O.K.
2914	6.0	14 <sup>0</sup> -16 <sup>5</sup>	3250	4980	O.K.
2915	6.5	13 <sup>5</sup> -17 <sup>5</sup>	"	5000	O.K.
2916	6.5	10 <sup>5</sup> -14 <sup>5</sup>	"	5020	Sandy
2917	12.0	13-17	3350	5020	O.K.
2918	11.5	14-18	"	5000	O.K.
2919	8.5	12 <sup>5</sup> -16 <sup>5</sup>	"	4980	Sandy
2920	9.0	12-16	3450	4980	O.K.
2921	8.5	14-18	"	5000	O.K.
2922	6.0	14-18	"	5020	O.K.
2923	9.0	11-15	3550	5020	O.K.
2924	7.5	13 <sup>5</sup> -17 <sup>5</sup>	"	5000	O.K.
2925	8.0	11-15	"	4980	O.K.
2926	8.5	11-15	3650	4980	O.K.
2927	7.0	14-18	"	5000	O.K.
2928	11.0	14-18	"	5020	O.K.

Puddle Samples July 13, 1934 (62)  
Gauge 703.0

Sample	Water Depth	Sample Depth	N.	E.	
2929	11.5	14-18	3750	5020	O.K.
2930	7.5	14-16	"	5000	Sand
2931	"	16-18	"	"	O.K.
2932	8.5	10 <sup>5</sup> -14 <sup>5</sup>	"	4980	O.K.
2933	10.5	11-18	3850	4980	O.K.
2934	10.5	14-18	"	5000	O.K.
2935	10.5	11-15	"	5020	O.K.
2936	12.0	14-18	3950	5020	O.K.
2937	14.0	17-21	"	5000	O.K.
2938	12.5	16-20	"	4980	O.K.

Section of Summit Pool July 18-1934

Elliott-Simpson-Remmen

Weight lowered slowly and allowed  
to come to rest for readings.

N3600

(53)

Staff	705.5		
4863	+3.5	709.0	✓
88	+2.8	08.3	✓
4900	+2.5	08.0	✓
65	0.0	05.5	✓
70	3.0	02.5	✓
80	4.0	01.5	✓
90	5.0	700.5	✓
5000	4.0	01.5	✓
10	5.5	700.0	✓
20	3.0	02.5	✓
30	5.0	00.5	✓
40	2.5	03.0	✓
50	0.5	05.0	✓
60	0.0	05.5	✓
5130	+4.0	09.5	✓

7/18/34  
Plotted on 2 1/2" Map  
F.D.P.

7/18/34  
Called to see logs  
over phone 1:45 PM

Sections of Summit Pool July 24, 1934  
 Converse - Elliott - Simpson - Soper - Remmer

(64)

N 3900

N 3800

Staff			
	708.5		
E 4897	+1.8	710.3	
4940	0.0	<u>8.5</u>	
50	0.5	8.0	
60	3.0	5.5	
70	5.5	3.0	
80	4.5	1.0	
90	7.0	1.5	
5000	9.0	699.5	
10	12.5	96.0	
20	10.5	98.0	
30	8.5	700.0	
40	2.5	6.0	
47	0.0	8.5	
90	+1.5	70.0	

	708.5		
4897	+2.0	710.5	
4950	0.0	8.5	
60	0.5	8.0	
70	4.0	4.5	
80	5.0	3.5	
90	4.0	4.5	
5000	6.0	7.5	
10	6.0	2.5	
20	5.5	3.0	
30	5.0	3.5	
40	2.5	6.0	
50	0.5	8.0	
60	0.0	8.5	
94	+1.0	9.5	

Summit Pool July 24-1934

(65)

N3700

708.5

4900	12.5	711.0
60	0.0	8.5
70	0.5	8.0
80	3.0	5.5
90	5.5	3.0
5000	6.0	7.5
10	7.0	1.5
20	6.5	7.0
30	6.0	7.5
40	3.5	5.0
50	0.5	8.0
60	0.0	8.5
91	+1.8	10.3

N3600

708.5

4896	+2.5	711.0	✓
4960	0.0	8.5	✓
70	2.0	6.5	✓
80	4.5	4.0	✓
90	6.0	7.5	✓
5000	7.5	1.0	✓
10	6.5	7.0	✓
20	7.5	1.0	✓
30	5.5	3.0	✓
40	3.0	5.5	✓
50	0.5	8.0	✓
55	0.0	8.5	✓
92	+2.3	10.8	✓

Summit Pool July 24 - 1934

(66)

N 3500

708.5

4896	+3.0	711.5
49 60	0.0	8.5
70	3.0	5.5
80	5.0	3.5
90	7.0	1.5
5000	5.5	3.0
10	5.0	3.5
20	6.0	2.5
30	5.5	3.0
40	3.0	5.5
50	0.0	8.5
92	+2.0	10.5

N 3400

708.5

4896	+2.8	711.3
49 55	0.0	8.5
60	3.0	5.5
70	5.0	3.5
80	7.5	1.0
90	5.5	3.0
5000	5.0	3.5
10	5.5	3.0
20	6.0	2.5
30	7.0	1.5
40	4.0	4.5
50	0.0	8.5
92	+2.0	10.5

Summit Pool July 24-1934

N3300

708.5

4896	+3.1	711.6
4955	0.0	8.5
60	3.5	5.0
70	7.0	1.5
80	6.0	7.5
90	5.5	3.0
5000	5.0	3.5
10	6.5	7.0
20	7.5	701.0
30	10.0	698.5
40	5.0	703.5
50	0.5	8.0
53	0.0	8.5
92	+1.7	70.7

(67)

N3200

708.5

4896	+2.9	711.4
4955	0.0	8.5
60	4.0	4.5
70	7.5	1.0
80	8.5	700.0
90	9.5	699.5
5000	6.0	707.5
10	6.0	7.5
20	8.0	0.5
30	7.5	1.5
40	5.0	3.5
50	0.0	8.5
94	+2.0	10.5

Albert  
Hill  
Converse

Puddle Core Samples,  
July-25-1934

Gauge 709.5

Sample #	Water Depth	Sample Depth	N.	E.
2970	7.0	12.0-18.0	3900	4985
2971	9.0	12.5-18.0	"	5015
2972	7.0	14.0-18.0	3800	4985
2973	6.0	13.0-18.0	"	5015
2974	6.0	14.0-18.0	3700	5015
2975	5.5	13.0-17.0	"	4985
2976	7.5	10.5-18.0	"	5000
2977	6.0	14.0-18.0	3600	4985
2978	8.5	14.0-18.0	"	5015
2979	6.0	14.0-18.0	3500	5015
2980	7.0	12.0-16.0	"	4985
2981	9.5	16.0-18.0	3400	4985
2982	8.0	14.0-18.0	"	5000
2983	6.5	14.0-18.0	"	5015
2984	8.0	14.0-16.5	3300	5015
2985	7.0	14.0-18.0	"	5000
2986	7.5	14.0-18.0	"	4985

Puddle Core Samples Contd.  
July-25-1934

Gauge-709.5

Sample #	Water Depth	Sample Depth	N.	E.
2987	10.0	14.0-18.0	3200	4985
2988	6.5	13.5-17.5	"	5015
2989	7.0	16.0-18.0	"	5000
2990	"	9.0-11.0	"	"
2991	"	7.0-9.0	"	"

} Determine moisture content.

Albert Hill  
Converse

Puddle Core Samples  
July 29-1934

Gauge  
711.0

Sample #	Water Depth	Sample Depth	N.	E.	
3010	9.0	9 <sup>5</sup> -18	3150	4985	
3011	10.0	14-18	"	5000	
3012	7.0	11-15	"	5015	
3013	7.0	14-18	3250	5015	
3014	7.0	14-18	"	4985	
3015	8.0	11-15	3350	4985	Sandy
3016	8.5	14-18	"	5000	
3017	5.0	14-18	"	5015	
3018	7.5	14-18	3450	5015	
3019	6.0	9-17	"	4985	
3020	3.0	9 <sup>5</sup> -16 <sup>5</sup>	3550	4985	
3021	4.0	14-18	"	5015	
3022	9.0	13-17	3650	5015	Sandy
3023	5.0	12-16	"	4985	
3024	6.5	13 <sup>5</sup> -17 <sup>5</sup>	3750	4985	
3025	7.0	13 <sup>5</sup> -17 <sup>5</sup>	"	5015	Sandy
3026	6.0	13 <sup>5</sup> -17 <sup>5</sup>	"	5000	

Puddle Core Samples  
July 29-1934

(69)

Gauge  
711.0

Sample #	Water Depth	Sample Depth	N.	E.	
3027	9.5	14-18	3850	5015	
3028	4.0	9-13	"	4985	Sandy
3029	"	13-17	"	"	
3030	9.0	14-18	3950	5015	Sandy
3031	8.5	14-18	"	5000	
3032	6.5	14-18	"	4985	

Puddle core samples

Sample #	Water Depth	Sample Depth	N.	E.	Gauge 716.5
3041	5	13-17	3900	4985	
3042	5	16-18	"	5015	
3043	6	14-18	"	5000	
3044	4.5	14-18	3800	4985	
3045	5.0	14-16.5	"	5015	
3046	4	14-18	3700	5015	
3047	10.5	17-21	"	5000	
3048	3.5	9-16	"	4985	
3049	3.5	10-17	3600	4985	
3050	6.5	14-18	"	5000	
3051	5.0	14-17	"	5015	
3052	5.5	14-18	3500	5015	
3053	4	10-18	"	4985	
3054	3	10-18	3400	4985	
3055	5.5	15-18	"	5000	
3056	4.5	14-18	"	5015	
3057	3	14-18	3300	5015	
3058	3	14-17	"	4985	

350  
8/9/34

(70)

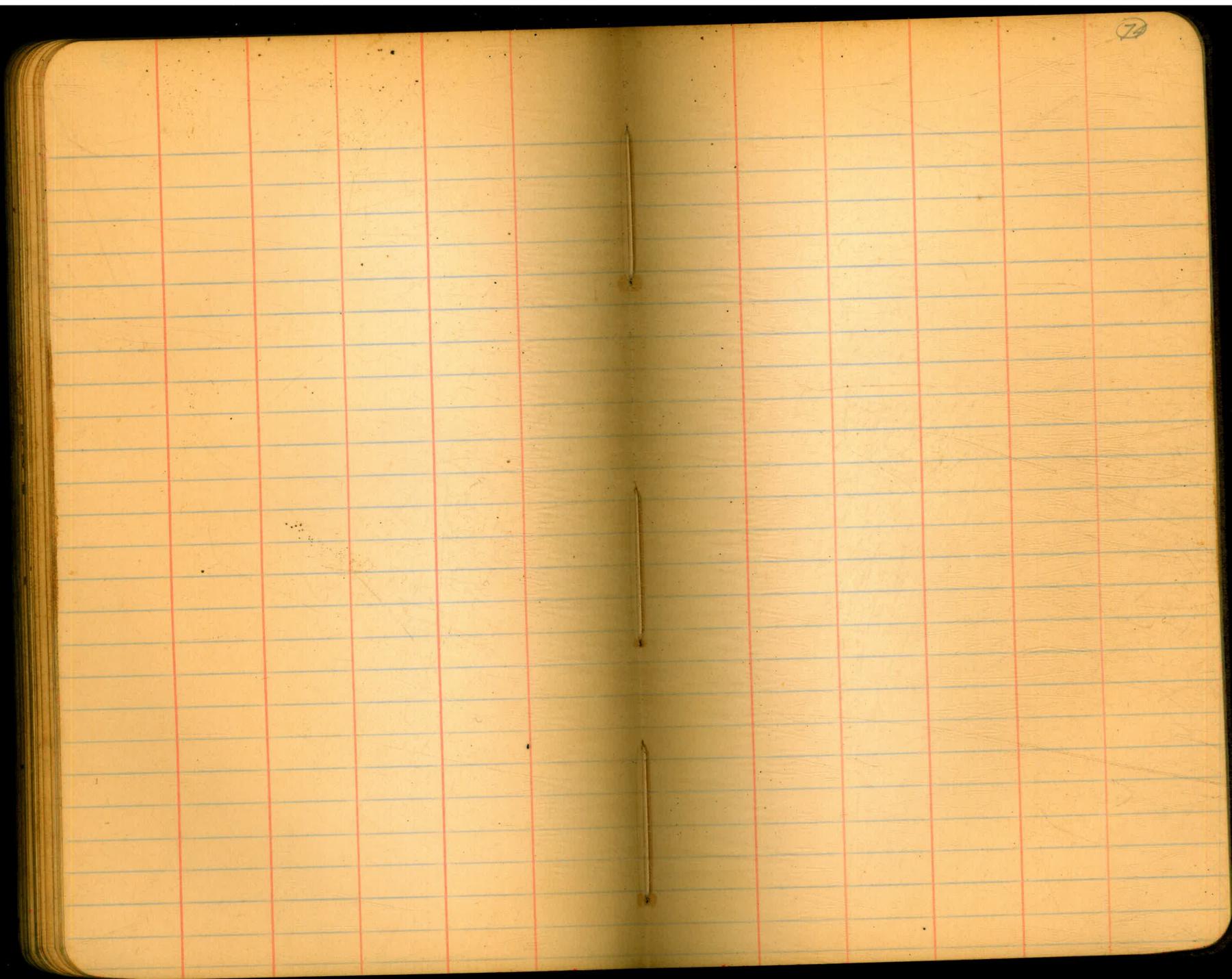
Sample #	Water Depth	Sample Depth	N.	E.
3059	6.5	14-15.5	3200	4985
3060	5.5	12-15	"	5000
3061	6	14-18	"	5015
3062	6	10-14	3100	5015
3063	7	10-14	"	5000
3064	4	10-13	"	4985

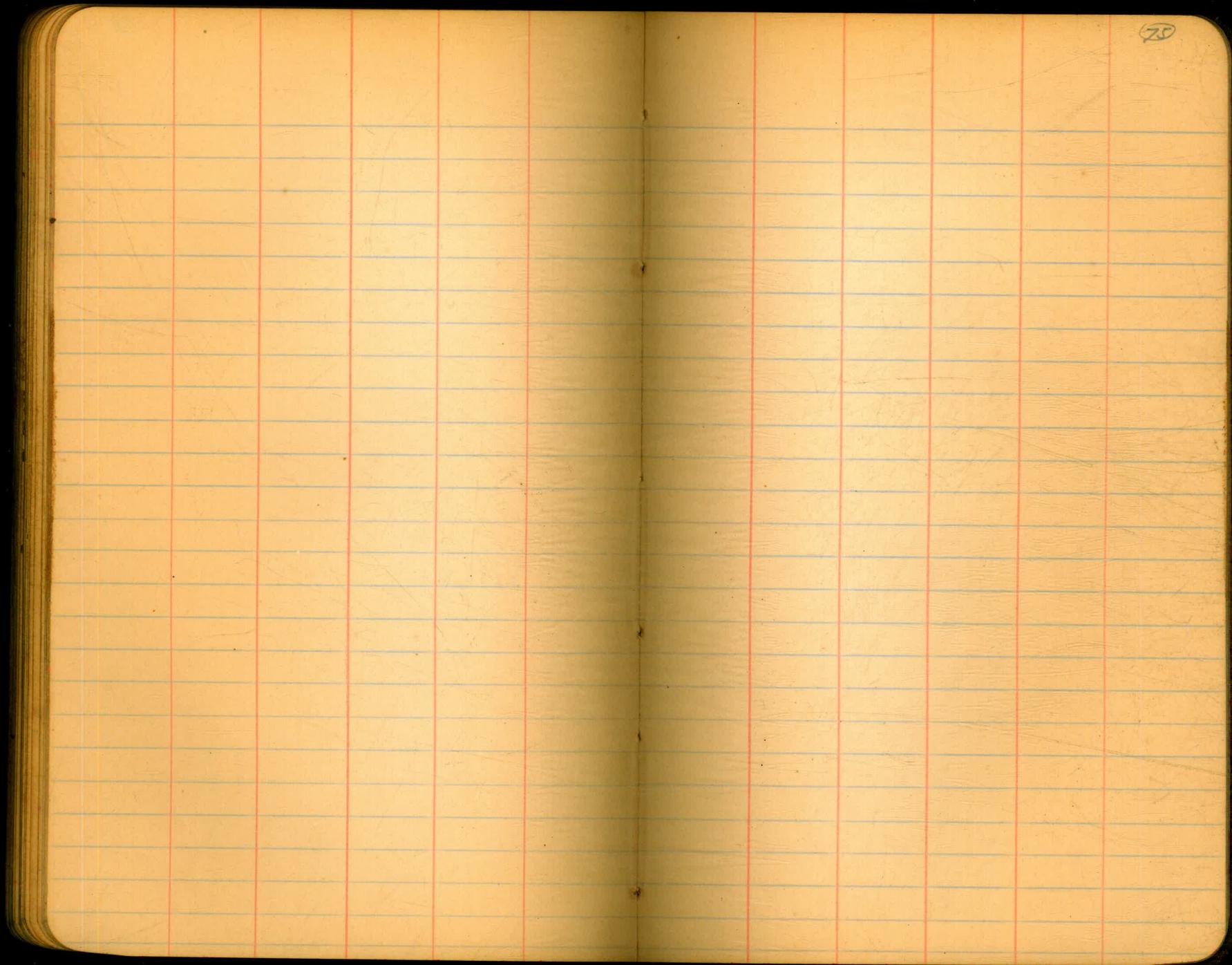
## Puddle core samples.

Sample	Water Depth	Sample Depth	N.	E.	Gauge 724.0
3097✓	0.0	2-8	3200	4986✓	
3098✓	1.0	2-6		4990✓	
3099✓	1.5	2-6		5000✓	
3100	2.0	8-12		5010	
3101	0.0	2-8		5017	
3102✓	0.0	2-8	3400	4986	
3103✓	1.0	3-7		4990	
3104✓	2.0	3-7		5000	
3105	2.0	10-14		5010	
3106	0.0	2-8		5017	
3107	0.0	2-8	3600	4986	
3108	1.0	4-8		4990	
3109	2.0	4-8		5000	
3110	2.0	8-12		5010	
3111	0.0	2-8		5017	
3112	0.0	2-8	3800	4986	
3113	1.0	9-13		4990	
3114	2.0	10-14		5000	
3115	2.0	8-12		5010	
3116	0.0	2-8		5017	









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UNIVERSITY OF  
INFORMATION

DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or shoulder  
stake for any width roadway, slope 1% to 1.  
If ground is nearly level the cut or fill at side  
stake is located by the double entry method in  
left column and top row. The number in body  
of table in same row and column gives distance

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IMPROVED TABLES

AND

INFORMATION

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TABLE No. 2.

To find Tangent and External for curve of  
any other degree, divide by degree of curve and  
add correction found in column of correction.  
Degree of curve with a given  $T$  may be found  
by dividing tangent (or external), opposite  $T$  by  
given tangent (or external).

The distance from a point on the tangent to  
the curve is  $\frac{1}{2}$  the square of the tangent  
length divided by twice the radius.

3097

4986.5  
5016.5