

Bedrock Geologic Map of the New Jersey Part
of the Trenton West and Trenton East Quadrangles
Mercer and Burlington Counties, New Jersey

New Jersey Geological and Water Survey
Open File Map 122
2018

Pamphlet with table 1 to accompany map

Table 1. Selected well and boring records. Footnotes at end of table (p. 8)

Well Number	Identifier ¹	Formations Penetrated ²
1	27-1664	34 Qwf 100 ss&sh
2	27-5896	33 Qwf, cased to 33, yield 25 gpm
3	27-2918	5 Qwf 51 sh
4	27-2751	40 Qwf 90 ss
5	27-2288	15 Tp 402 ss
6	27-8783	8 Qwf 25 wss
7	27-10012	15 Qwf 37 wss 65 ss&sh
8	28-3500	18 Tp 22 ss
9	28-5471	12 Tp 70 ss
10	27-331	25 Tp+wss 41 ss 70 sh
11	27-2550	15 Qal+wss 75 ss
12	28-28045	19 wss
13	27-2587	62 wss 200 ss
14	28-94	40 wss 201 ss
15	27-2747	28 wss 96 ss 337 gn
16	28-16103	50 wss 170 ss 290 gn
17	28-493	20 Tp+wss 48 wss 198 ss 265 gn
18	28-28456	4 Tp 35 wss
19	28-29954	20 Tp+wss 46 wss
20	27-10250	20 Tp 29 wsc 31 sc
21	27-10911	52 wss
22	27-11256	8 Qwf 12 wsc
23	27-11959	5 f 21 Qwf 25 gn
24	27-11962	13 f 33 Qwf 41 gb
25	27-10985	5 f 13 Qwf 37 wr
26	28-29900	2 f 15 wsc 20 sc
27	27-11068	15 f 42 Qwf 43 wr 60 r
28	28-31375	19 f 29 Qwf 30 wgn 35 gn
29	27-8253	13 f 22 Qwf 27 gn
30	DOT 163W-17	19 Qwf 29 sc
31	28-23426	10 f 40 Qwf 41 sc
32	28-23520	5 f 14 Qwf 24 gn&sc
33	DOT 379W-8	36 Qwf
34	28-20864	3 f 10 Qwf 17 wr
35	28-25242	6 f 22 Qwf 42 wsc
36	28-22049	5 f 14 Qwf 16 wr
37	DOT 439W-24	21 Qwf

Well Number	Identifier ¹	Formations Penetrated ²
38	28-23512	28 Qwf 30 r
39	28-21509	9 f 23 Qwf 29 wgn 30 gn
40	28-22999	4 f 32 Qwf 43 wgn 50 gn
41	28-17885	6 f 16 Qwf 50 gn&cg
42	28-22175	35 f+Qwf 60 wsc&sc (average of numerous borings in small area)
43	28-30064	18 f 34 Qwf 60 wr
44	DOT L94A	9 f 25 Qwf 40 sc
45	28-25963	42 Qwf 43 wr?
46	DOT 379W-17	23 Qwf 25 wgn 30 gn
47	28-23692	38 Qwf 39 sc
48	DOT 125W-194	46 Qwf
49	28-28263	45 Qwf
50	DOT B1001	30 f+Qwf 49 gn 58 q
51	DOT DR 1	5 w 6 Qal 11 gn
52	DOT DR 3	13 w 14 Qal 19 sc
53	DOT DR 4	4 w 22 Qal 26 sc
54	DOT DR 5	13 w 17 Qal 22 gn
55	28-19648	30 f+Qwf 98 wsc 113 sc
56	28-28324	40 Qwf
57	DOT L68	15 f 40 Qwf
58	DOT L31	9 f 28 Qwf 39 q
59	28-32138	7 f 17 Qt 27 Qwf 47 wsc
60	DOT DR 7	3 w 26 Qal 31 q&sc
61	DOT DR 9	8 w 53 Qal
62	DOT DR 10	4 w 24 Qal 30 sc
63	DOT DR 11	8 w 60 Qal
64	DOT DR 12	7 w 53 Qal 60 q
65	DOT DR 13	5 w 38 Qal 60 Kp
66	DOT DR 15	6 w 28 Qal 63 Kp
67	DOT DR 17	4 w 17 Qal 60 Kp
68	28-4078	5 f 28 Qwf 80 Tp? 200 Kp
69	DOT L53	11 f 40 Qwf
70	DOT 125W-190	9 f 45 Qwf 50 Tp?
71	DOT 125W-77	7 f 43 Qwf
72	DOT 125W-101	29 f 41 Qwf 43 Kp
73	DOT W-12	45 Qal 66 Kp
74	DOT DR 19	5 w 23 Qal 60 Kp
75	DOT DR 20	31 w 50 Qal 60 Kp
76	DOT DR 22	12 w 44 Qal 60 Kp
77	DOT DR 23	37 w 50 Qal 60 Kp
78	DOT DR 25	9 w 46 Qal 59 Kp
79	28-13021	13 f 21 Qst 30 Qwf 42 Kp
80	28-13022	22 f 41 Qwf 66 Kp
81	DOT 125W-122	32 Qwf 56 Kp
82	DOT DR 37	4 w 28 Qal 60 Kp
83	28-1600	50 Tp+wr 78 wr 194 ss
84	28-13146	4 f 17 Qwf 22 wr?
85	28-15648	6 f 19 Qwf 20 wsc
86	28-13787	27 Qwf 30 q, screened 20-30, yield 60 gpm
87	28-29354	9 f 19 Qwf 23 wgn 40 gn
88	28-10291	30 Qwf, screened 28-30, yield 12 gpm
89	28-28670	6 f 27 wsc
90	DOT 439W-15	9 f 15 wgn 20 gn
91	DOT 379W-10	19 Qwf 29 gn
92	DOT S9	3 f 32 Qwf 43 gn
93	28-575	36 Qwf, screened 26-36, yield 140 gpm
94	28-699	38 Qwf 39 r, screened 18-38, yield 72 gpm

Well Number	Identifier ¹	Formations Penetrated ²
95	28-2711	37 Qwf 42 r, screened 22-38, yield 50 gpm
96	28-27883	25 Qwf 40 wgn 87 gn
97	28-26479	15 Qwf 16 gn
98	28-23390	48 Qwf 49 r
99	28-5502	54 Tp 55 wr?, screened 50-53, yield 10 gpm
100	28-7173	41 Qwf 45 wr
101	28-3437	24 Qwf 45 Tp?
102	28-6961	22 Qwf 41 Tp?
103	28-4896	40 Qwf 70 wsc, logged by F. J. Markewicz 10/13/64, screened 40-46, yield 10 gpm
104	28-15574	48 Qwf 53 wr
105	28-9906	46 Qwf 47 wr 50 r, screened 40-50, yield 40 gpm
106	28-7910	50 Qwf, screened 45-50, yield 28 gpm
107	28-6972	55 Qwf, screened 47-50, yield 30 gpm
108	28-8437	52 Qwf 53 r, screened 49-52, yield 25 gpm
109	28-9951	51 Qwf 55 wr, screened 45-50, yield 60 gpm
110	DOT S11	4 f 56 Qwf 63 Kp
111	DOT S19	33 Tp 61 Kp
112	DOT S26	45 Tp 71 Kp
113	28-3578	12 Qwf 52 Kp
114	28-5562	45 Qwf 61 Kp
115	28-25965	27 Qwf
116	28-4480	15 f 28 Qwf 42 wr?
117	28-15680	30 Qwf 33 Kp
118	27-1815	17 Qwf 35 Kp
119	28-1576	17 Qwf 30 Kp
120	27-1792	18 Qwf 30 KP
121	28-3694	30 Qwf 79 Kp
122	28-11247	15 Qwf 100 Kp
123	28-2356	41 Tp 134 Kp
124	DOT S36	3 f 26 Qt 35 Kp
125	DOT S219	31 Qt 51 Kp
126	28-5500	30 Qt 51 Kp
127	28-3667	20 Tp 60 Kp
128	28-9467	30 Tp 56 Kp
129	28-6643	15 Tp 73 Kp
130	28-5958	12 Tp 65 Kp
131	28-3554	18 Tp 60 Kp
132	28-12801	14 Qt 40 Tp 58 Kp
133	28-3184	6 Qt 53 Kp
134	28-3185	10 Qt 55 Kp
135	28-25629	11 Tp 44 Kp
136	28-29222	11 Tp 138 Kp
137	28-8376	25 Tp 80 Kp
138	28-5559	28 Tp 71 Kp
139	28-7130	8 Tp 71 Kp
140	27-4395	23 Tp 70 Kp
141	28-5986	15 Tp 69 Kp
142	28-6011	39 Tp 71 Kp
143	28-5699	38 Tp 61 Kp
144	28-2788	16 Tp 61 Kp
145	28-3646	18 Tp 71 Kp
146	28-6576	38 Tp 85 Kp
147	28-6418	25 Tp 100 Kp
148	28-7896	16 Tp 90 Kp
149	28-1350	11 Tp 82 Kp
150	28-2927	7 Tp 155 Kp 160 wr
151	DOT 379W-9	25 Qwf 33 gn

Well Number	Identifier ¹	Formations Penetrated ²
152	28-2427	30 Tp 89 Kp
153	28-5201	18 Tp 101 Kp
154	28-6625	34 Tp 218 Kp 236 wr
155	28-161	40 Tp 213 Kp 220 Kp or wr
156	28-1363	40 Tp 215 Kp 235 wsc, logged by F. J. Markewicz
157	28-26569	32 Tp 55 Kp
158	28-2792	20 Tp 30 Kmg 230 Kp
159	28-4218	45 Tp 120 Kp
160	28-5306	28 Tp 113 Kp
161	28-13775	6 Qt 105 Kp
162	28-13557	48 Tp 78 Kp
163	28-10701	34 Tp 100 Kp
164	28-12799	45 Tp 56 Kmg 180 Kp
165	28-31367	25 Tp 65 Kmg 100 Kp
166	28-7380	10 Tp 65 Kmg 70 Kp
167	28-15342	50 Kmg 75 Kp
168	28-6017	7 g 8 Qt 90 Kmg
169	SC 137	8 Qt 128 Kmg
170	28-6222	10 Qt 62 Kmg
171	28-19775	15 Qt 113 Kmg 150 Kp
172	SC 138	12 Qt 125 Kmg
173	SC 139	131 Kmg
174	SC 140	6 Qt 128 Kmg
175	SC 141	143 Kmg
176	SC 142	11 Kmv 85 Kmg 149 Kp
177	SC 143	6 g 20 Tp 89 Kmg
178	SC 144	20 Tp 93 Kmg 162 Kp
179	SC 145	10 Tp 85 Kmg 150 Kp
180	SC 147	16 Tp 108 Kmg 148 Kp
181	SC 148	68 Kmg 134 Kp
182	28-31032	36 Tp 96 Kmv 160 Kmg
183	28-26539	12 Tp 50 Kmv 100 Kmg
184	SC 149	9 Qt 134 Kmg
185	SC 150	15 Qt 70 Kmg 131 Kp
186	28-7031	8 Tp 61 Kmg
187	SC 151	10 Qal 126 Kmg
188	SC 152	75 Kmg 135 Kp
189	28-9905	31 Tp 43 Kmv 117 Kmg 160 Kp
190	SC 153	28 Tp 90 Kmg 144 Kp
191	SC 154	19 Kmv 79 Kmg 143 Kp
192	28-49883	151 Kp
193	28-7667	36 Tp 140 Kp
194	28-6241	38 Tp 109 Kp
195	DOT S54	4 f 61 Kp
196	28-22497	18 Tp 52 Kp
197	28-5081	34 Tp 96 Kp
198	28-5010	18 Tp 97 Kp
199	28-30274	31 Tp 45 Kmg
200	28-12399	55 Tp 68 Kmg
201	28-17124	2 f 43 Tp
202	28-19133	2 f 35 Tp
203	DOT S63	8 f 24 Tp 81 Kp
204	28-3105	16 Tp 92 Kp
205	28-30002	20 Qwf 59 Kp
206	28-29938	40 Qwf 70 Kp
207	28-1152	4 f 8 Tp 60 Kp
208	28-1551	170 Kp 185 sc, logged by E. S. Lenker

Well Number	Identifier ¹	Formations Penetrated ²
209	28-7150	2 f 5 Qs 15 Qwf 109 Kp
210	28-6061	4 f 10 Qwf 68 Kp
211	28-30969	70 Tp
212	28-16493	35 Qwf
213	28-30994	5 f 40 Qwf
214	28-29315	32 Qwf
215	28-21-485	46 Qwf 98 Kp 179 w sc
216	28-7129	10 Qwf 59 Kp
217	DOT S69	22 Tp 86 Kp
218	28-9204	18 Tp 38 Kmv 135 Kmg 170 Kp
219	28-11690	10 Tp 35 Kmv 135 Kmg 150 Kp
220	28-5202	28 Tp 40 Kmv 66 Kmg
221	28-4964	36 Qt 115 Kmg 124 Kp
222	SC 155	16 Tp 65 Kmg 128 Kp
223	SC 156	3 Tp 124 Kmg
224	SC 157	13 Qt 112 Kmg
225	SC 158	19 Qt 112 Kmg
226	SC 159	14 Qt 80 Kmg
227	SC 160	12 Qt 84 Kmg
228	28-7663	55 Qt 75 Kmg 115 Kp
229	SC 161	17 Qt 69 Kmg 81 Kp
230	SC 162	22 Qt 52 Kmg 78 Kp
231	SC 163	36 Qt 50 Kmg 82 Kp
232	SC 164	39 Qt 75 Kmg 108 Kp
233	28-5317	18 Qt 63 Kmv+Kmg 117 Kmg 178 Kp
234	28-2025	14 Qt 90 Kmv+Kmg 105 Kmg
235	28-2458	16 Qt 23 Kmv 134 Kmg 215 Kp
236	28-17765	9 Qt 45 Kmv 178 Kmg 200 Kp
237	28-10158	34 Kwb 93 Kmv 142 Kmg
238	28-16886	15 Qt 75 Kwb 90 Kmv 150 Kmg
239	28-7144	14 Qt 81 Kwb+Kmv 143 Kmg
240	28-25995	11 Qt 88 Kmv 172 Kmg
241	28-3824	12 Qt 70 Kwb+Kmv 140 Kmv+Kmg 162 Kmg
242	28-20542	10 Qt 95 Kwb+Kmv 130 Kmg
243	28-11057	6 Qt 23 Kwb 68 Kmv 145 Kmg
244	28-15230	8 Qt 45 Kwb 81 Kmv 132 Kmg
245	28-7253	8 Qt 100 Kwb+Kmv 168 Kmg
246	28-10299	4 g 11 Qt 85 Kwb+Kmv 91 Kmv 150 Kmg
247	28-14224	3 f 10 g 25 Qt 115 Kwb+Kmv 230 Kmg 285 Kp
248	28-1671	10 Tp 178 Kwb+Kmv 207 Kmg
249	28-7497	5 Tp 155 Kwb+Kmv 213 Kmg 238 Kp
250	28-28500	60 Kwb 80 Kmv 135 Kmv+Kmg 200 Kmg
251	28-19515	10 Tp 68 Kwb 105 Kmv 181 Kmg
252	28-31081	29 Tp 54 Kwb 121 Kmv 208 Kmg
253	28-7929	28 Qt 96 Kmv 165 Kmg
254	28-8677	24 Qt 90 Kmv 149 Kmg
255	28-4280	15 Qt 90 Kmv 119 Kmg
256	28-3956	20 Qt 90 Kmg, logged by D. G. Parrillo, 11/28/60
257	28-9231	4 f 6 Qt 26 Kmv+ Kmg 90 Kmg
258	28-1729	6 Qt 34 Kmv 108 Kmg
259	28-25886	15 Qt 49 Kmv 96 Kmg
260	28-14445	20 Qt 50 Kmv 115 Kmg
261	SC165	16 Qm 35 Kmg 57 Kp
262	SC 167	36 Qm 56 Kmg
263	SC 168	19 Qt 60 Kmg
264	28-5409	9 Qm 15 Kmg 140 Kp
265	28-8769	2 f 10 Qm 20 Kmg 137 Kp

Well Number	Identifier ¹	Formations Penetrated ²
266	28-34305	12 f over Qm 22 Kmg 122 Kp
267	29-5150	8 Qt 16 Kmg 127 Kp
268	28-31914	14 Kmg 53 Kp
269	28-104	18 Qt 30 Kmg 120 Kp
270	core 1 (Southgate, 2010)	19 Qm
271	DOT S88	17 Qm 42 Qal 120 Kp
272	DOT SB341	10 Qm 43 Qal 55 Kp
273	DOT SB119	13 Qm 69 Qal 79 Kp
274	DOT SB50	13 Qm 51 Qal
275	28-26036	30 Qwf 145 Kp
276	DOT H41	3 f 12 Qm 30 Qal
277	DOT H40	6 f 17 Qm 35 Qal
278	DOT H38	9 f 17 Qm 30 Qal
279	28-25876	21 Qm 28 Qal 60 Kp
280	DOT 125W-161	12 Qm 28 Qal 36 Kp
281	DOT 125W-76	40 Qt 43 Kp
282	DOT DR 36	3 w 17 Qal 59 Kp
283	DOT DR 37	4 w 28 Qal 60 Kp
284	DOT DR 40	7 w 14 Qal 60 Kp
285	DOT DR 41	26 w 36 Qal 60 Kp
286	28-9524	25 f 63 Qt 73 Kp
287	28-9525	25 f 63 Qt 73 Kp
288	DOT DR 55	15 w 61 Qal
289	DOT SB 190	18 Qm 40 Qal 66 Kp
290	DOT SB223	21 Qm 40 Qal 61 Kp
291	DOT SB232	17 Qm 40 Qal 66 Kp
292	DOT H14	18 Qm 28 Qal 46 Kp
293	DOT H20	18 Qm 31 Qal
294	DOT DR 64	7 w 50 Qal 60 Kp
295	DOT DR 68	30 w 43 Qal 60 Kp
296	DOT DR 69	8 w 36 Qal 59 Kp
297	DOT DR 72	7 w 30 Qal 60 Kp
298	DOT DR 73	17 w 50 Qal 61 Kp
299	DOT DR 74	25 w 45 Qal 60 Kp
300	DOT F7	40 Qt 64 Kp
301	SC 172	23 Qm 27 Qal 55 Kmg
302	SC 173	32 Qm 47 Qal 55 Kp
303	SC 174	35 Qm 42 Qal 55 Kp
304	SC 175	20 Qm 55 Qal
305	SC 176	33 Qm 55 Qal
306	SC 177	12 Qm 18 Qal 55 Kp
307	SC 178	6 f 19 Qt 62 Kp
308	SC 169	62 Qt 127 Kmg+Kp
309	SC 170	38 Qt 106 Kmg
310	SC 171	20 Qt 85 Kmg 109 Kmg+Kp
311	28-9683	10 Qt 55 Kmv 123 Kmg
312	28-15804	10 Qt 55 Kmv 125 Kmg
313	28-20500	8 Qt 32 Kmv 65 Kmg
314	28-4291	12 Qt 45 Kmv 75 Kmg
315	28-29149	32 Tp 115 Kwb+Kmv 180 Kmg
316	28-16367	40 Tp 155 Kwb+Kmv 172 Kmg
317	28-249	13 Tp 35 Kwb 75 Kmv 276 Kmg 397 Kp
318	28-5042	15 Tp 110 Kwb+Kmv 239 Kmg 372 Kp
319	28-57004, G	10 Tp 110 Kwb+Kmv 245 Kmg 397 Kp
320	28-21105	29 Qt 49 Kwb 94 Kmv 162 Kmg
321	28-16829	16 Qt 85 Kwb 160 Kmv 205 Kmg

Well Number	Identifier ¹	Formations Penetrated ²
322	28-17754	15 Qt 65 Kwb 115 Kmv 145 Kmv+Kmg 200 Kmg
323	28-15414	25 Qt 125 Kwb+Kmv 140 Kmv 187 Kmg
324	28-8832	18 Qt 75 Kwb 95 Kmv
325	28-16759	16 Qt 80 Kwb 140 Kmv 193 Kmg
326	28-21288	21 Qt 84 Kwb 138 Kmv 212 Kmg
327	28-9479	20 Qt 76 Kwb 99 Kmv
328	28-28512	18 Qt 138 Kmv+Kwb 195 Kmg
329	28-20443	18 Qt 82 Kwb 124 kmv 231 Kmg
330	28-8462	5 Qt 90 Kwb 110 Kmv 190 Kmg
331	28-22529	9 Qt 58 Ket 128 Kwb 158 Kmv 187 Kmv+Kmg 257 Kmg
332	28-16280	12 Qt 60 Ket
333	28-15962	75 Ket
334	28-26457	62 Ket 141 Kwb 186 Kmv 260 Kmg
335	28-16335	70 Ket 150 Kwb 215 Kmv 265 Kmg
336	28-26253	7 Qt 40 Ket 136 Kwb 188 Kmv 240 Kmg
337	28-9803	63 Ket 65 Kwb
338	28-31209	60 Ket 196 Kwb+Kmv 220 Ket
339	28-4082, G	40 Ket 120 Kwb 190 Kmv 280 Kmg 290 Kp
340	28-21188	24 Tp 49 Ket 138 Kwb 184 Kmv 240 Kmg
341	28-31351	29 Tp 57 Ket 137 Kwb 176 Kmv 247 Kmg
342	28-23147	19 Tp 34 Ket 117 Kwb 176 Kmv 240 Kmg
343	28-7997	9 Tp 35 Ket 55 Kwb
344	28-31219	20 Tp 40 Ket 120 Kwb 158 Kmv 220 Kmg
345	28-30475	16 Tp 49 Ket 123 Kwb 146 Kmv 252 Kmg
346	28-21153	20 Tp 55 Ket 120 Kwb 160 Kmv 225 Kmg 280 Kmg +Kp
347	28-7701	16 Tp 108 Kwb 122 Kmv 192 Kmg
348	28-29752	14 Tp 27 Ket 112 Kwb 178 Kmv 240 Kmg
349	28-21985	23 Tp 81 Kwb 140 Kmv 200 Kmg
350	28-20780	21 Tp 65 Kwb 103 kmv 110 kmg
351	28-8826	19 Tp 70 Kwb 155 Kmv 185 Kmg
352	28-27525	30 Tp 85 Kwb 100 Kmv 220 Kmg
353	28-16500	28 Tp 99 Kwb 119 Kmv 180 Kmg
354	28-17488	28 Tp 97 Kwb 121 Kmv 190 Kmg
355	28-7592	32 Tp 80 Kwb 90 Kmv 144 Kmv+Kmg 199 Kmg
356	28-4837	7 Tp 55 Kwb 69 Kmv 79 Kmg
357	28-29913	75 Kwb 95 Kmv 160 Kmg
358	28-30763	12 Tp 60 Kwb 100 Kmv 180 Kmg
359	28-16751	35 Tp 90 Kwb 140 Kmv 180 Kmg
360	28-31199	40 Tp 76 Kwb 134 Kmv 160 Kmg
361	28-31200	39 Tp 76 Kwb 133 Kmv 158 Kmg
362	28-29216	14 Tp 133 Kwb+Kmv 180 Kmg
363	28-31201	40 Tp 76 Kwb 134 Kmv 160 Kmg
364	28-11221	5 g 18 Tp 65 Kwb 89 Kmv 100 Kmg
365	28-4846	10 Tp 64 Kwb+Kmv 70 Kmg
366	28-23133	23 Kmv
367	28-26010	12 Tp 30 Kmv
368	28-853	7 Tp 13 Kmv 87 Kmv+Kmg 115 Kmg
369	28-1828	22 f+Tp 60 Kmv 131 Kmg
370	28-27595	8 Qt 25 Kmv 46 Kmg
371	SC 179	10 Qm 22 Kmg 53 Kp
372	DOT DR 84	13 w 21 Qm 58 Qal 60 Kp
373	DOT SB 269	25 Qm 62 Qal 86 Kp
374	DOT SB 307	26 Qm 57 Qal 81 Kp
375	DOT SB 346	37 Qal 60 Kp
376	DOT DR 92	37 w 53 Qal 60 Kp
377	DOT DR 97	12 w 51 Qal 60 Kp
378	DOT DR 100	7 w 10 Qm 30 Qal 60 Kp

Well Number	Identifier ¹	Formations Penetrated ²
379	28-30964	20 Qt 66 Kmg
380	28-3660	41 Qal 45 Kmg 89 Kp
381	DOT DR 112	15 w 28 Qm 38 Qal 60 Kp
382	28-456	30 Tp 110 Kmv+Kmg 155 Kmg 230 Kp
383	28-7196	12 Tp 95 Kwb+Kmv 165 Kmg
384	28-5083	130 Kmg 265 Kp, logged by F. J. Markewicz, 11/18/64
385	DOT DR 130	7 w 11 Qm 60 Qal
386	28-7100	42 Qt 212 Kp
387	27-10794	17 Qwf 24 Kp
388	28-28810	24 Qt 55 Kmg 120 Kp
389	DOT SB 243	16 Qm 40 Qal 130 Kp
390	28-21-447	6 f 36 Qwf 39 sc
391	28-29302	40 Qwf
392	28-21-274	27 Qwf 59 wr? 61 r
393	28-3645	22 Qal 70 Kmv 145 Kmg 299 Kp, logged by R. Mayer, 12/14/59
394	28-1601	13 Tp 92 Kmv+Kmg 232 Kmg 397 Kp
395	28-16750	14 Qt 90 Kwb 150 Kmv 200 Kmg

¹ Identifiers of the form 27-xxxx and 28-xxxx are N. J. Department of Environmental Protection well-permit numbers. Identifiers of the form 28-xx-xxx are N. J. Atlas Sheet grid locations of wells in the state well files or the N. J. Geological and Water Survey permanent note collection that do not have permit numbers. Identifiers prefixed by “DOT” are N. J. Department of Transportation test borings available at <http://www.state.nj.us/transportation/refdata/geologic/>. Identifiers prefixed by “SC” are test borings made in the 1930s for a proposed ship canal that are on file at the N. J. Geological and Water Survey. The identifier “core 1 (Southgate, 2010)” is a pollen core from: Southgate, E. W. B., 2010, Herbaceous plant communities on the Delaware River floodplain, New Jersey, during the mid-Holocene: Bulletin of the Torrey Botanical Society, v. 137, p. 252-262. A “G” following the identifier indicates that a gamma-ray log is available for the well.

²Number is depth (in feet below land surface) of the base of the unit indicated by an abbreviation following the number. Final number is the total depth of the well rather than the base of the unit. For example, “12 Tp 34 Kmg 62 Kp” indicates Tp from 0 to 12 feet below land surface, Kmg from 12 to 34 feet, and Kp from 38 to bottom of hole at 62 feet. Formation abbreviations and the corresponding drillers’ descriptive terms (in parentheses) used to infer the formation are as follows:

Surficial Deposits: w=water (for test borings drilled in the Delaware River), f=fill, g=accretion gley overlying surficial unit (brown, gray silty clay, sandy clay), Qal=alluvium (gray, brown, black, yellow sand, gravel, silty sand), Qm=tidal-marsh deposits (black, brown, dark gray silt, sand, and clay with peat or organic matter), Qs=swamp and marsh deposits (black soil), Qt=terrace deposits, undivided (includes map units Qstl, Qstu, Qtl, Qtu, TQg) (yellow, gray, tan, brown, reddish-brown sand, clayey sand, gravel, silty sand, loam), Qwf=glaciofluvial deposit (includes map units Qwf and Qif) (brown, reddish-brown, yellowish-brown sand and gravel, sand), Tp=Pensauken Formation (yellow, yellowish-brown, orange-brown, red sand and gravel, sand, clayey sand, silty sand, loamy sand).

Cretaceous Formations: Ket=Englishtown Formation (yellow, white, orange, gray sand, with clay, wood, mica), Kwb=Woodbury Formation (gray, black clay, silty clay), Kmv=Merchantville Formation (green, gray, black clay, marl, silty clay), Kmg=Magothy Formation (gray, white fine sand, fine-to-medium sand, silt, clay, with wood, lignite, mica), Kp=Potomac Formation (white, yellow, brown, red, gray clay, sand, coarse sand, gravelly sand).

Pre-Cretaceous bedrock lithologies (not assigned to formations) are: cg=conglomerate, gb=gabbro, gn=gneiss, r=rock, q=quartzite, sc=schist, sh=shale, ss=sandstone. A “w” preceding the rock identifier indicates that is reported as “weathered” or “decomposed”: wgn=weathered gneiss, wr=weathered rock, wsc=weathered schist, wss=weathered sandstone.

Units joined with a “+” cannot be separately identified in the driller’s description. Units joined with an “&” are interbedded or intercalated. Queried units (for example, “Tp?”) are inferred from inconclusive descriptions. Units are interpreted from drillers’ or geologists’ lithologic descriptions on records from the sources indicated in footnote 1. Well cuttings logged by N. J. Geological and Water Survey staff are noted with the geologist’s name and date, if available. Units shown for wells may not match the map and sections due to variability in drillers’ descriptions. For wells tapping surficial deposits, the depth of the screened interval (in feet below land surface) and yield (in gallons per minute) are shown following the log.