

Table 174AX Wilson Lake

run #	Date	Cored Interval (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
1	9-May-11	5-10	0	0	Sand based on gamma log; No recovery	Bridgeton?
2	9-May-11	10-15	0	0	Sand based on gamma log; No recovery	Bridgeton?
3	9-May-11	15-25	0	0	No recovery; contact with clay ~18 ft based on gamma log	Bridgeon?/ Cohansey?
4	9-May-11	25-35	8.7	87	Clay; yellow/black clay contact 28.8 ft	Cohansey
5	9-May-11	35-45	4	40	Sandy clay	Cohansey
6	9-May-11	45-50	1.65	33	Intermixed sand & clay, silty clay	Cohansey
7	10-May-11	50-60	2.6	26	Medium sand	Cohansey
8	10-May-11	60-70	1.95	20	Medium sand	Cohansey
9	10-May-11	70-80	0.09	1	Very coarse sand	Cohansey
9A	10-May-11	80-90	0	0	Washed	
10	10-May-11	90-100	0	0		
11	10-May-11	100-110	5	50	Slightly silty clay	Kirkwood
12	10-May-11	110-120	10.3	103	Laminated silty clay	Kirkwood
13	10-May-11	120-130	10.35	104	Clay	Kirkwood
14	10-May-11	130-140	10.25	103	"Chocolate" clay	Kirkwood
15	10-May-11	140-150	10.2	102	Laminated clay	Kirkwood
16	11-May-11	150-160	10.2	102	Silty clay to clayey silt	Kirkwood
17	11-May-11	160-170	10.2	102	Silty clay	Kirkwood
18	11-May-11	170-180	10.3	103	Silty clay	Kirkwood
19	11-May-11	180-190	10.4	104	Silty clay	Kirkwood
20	11-May-11	190-205	10.4	69	Silty clay to very sandy clay	Kirkwood
21	11-May-11	205-210	3.7	74	Muddy sand	Kirkwood
22	11-May-11	210-220	10.05	101	Muddy sand; contact; sandy silty clay	Kirkwood/ Shark River
23	11-May-11	220-230	10.25	103	Sandy, silty clay	Shark River
24	11-May-11	230-240	10.3	103	Sandy, silty clay	Shark River
25	12-May-11	240-250	10.3	103	Sandy, silty clay	Shark River
26	12-May-11	250-260	9.9	99	Sandy, silty clay	Shark River
27	12-May-11	260-270	9.9	99	Glauconitic clay	Shark River
28	12-May-11	270-280	10.3	103	Glauconitic silt	Shark River
29	13-May-11	280-290	10.2	102	Glauconitic clay, glauconite clay, clayey glauconite	Shark River
30	13-May-11	290-300	10	100	Glauconite clay	Shark River
31	13-May-11	300-310	9.2	92	Glauconite clay, contact 300.6 ft, clay below	Shark River/ Marlboro Clay
32	13-May-11	310-320	10.05	101	Glauconite clay, contact 317.5 ft, clay below	Marlboro Clay
33	16-May-11	320-330	10.36	104	Clay, interlaminated green and whitish	Marlboro Clay

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34	16-May-11	330-340	10.38	104	Clay, interlaminated green and whitish	Marlboro Clay
35	16-May-11	340-350	10.41	104	Clay, interlaminated green and whitish	Marlboro Clay
36	16-May-11	350-360	10.49	105	Clay, interlaminated green and whitish	Marlboro Clay
37	16-May-11	360-370	9.79	98	Clay; contact: 365.7 ft; glauconite clay below	Marlboro/ Vincentown
38	16-May-11	370-380	9.8	98	Silt, clayey slightly sandy	Vincentown
39	16-May-11	380-390	10	100	Silty clay to clayey silt to glauconite silty clay	Vincentown
40	16-May-11	390-400	10.17	102	Glauconite clay to clayey glauconite sand; shell bed: 399 ft; contact: 393 ft	Vincentown/ Hornerstown
41	16-May-11	400-410	6.1	61	Clayey glauconite sand; contact: 403.65 ft	Hornerstown
42	16-May-11	410-420	10	100	Clayey glauconite sand; Tht/KN (K/Pg) contact: 418 ft	Hornerstown/ Navesink
43	17-May-11	420-430	10.3	103	Glauconitic clay	Navesink
44	17-May-11	430-438	2.3	29	Glauconitic clay; contact: 432.2 ft;sand below	Navesink/ Mount Laurel
45	17-May-11	438-440	1.45	73	Quartz, glauconite sand	Navesink
46	17-May-11	440-442.56	2.5	98	Quartz, glauconite sand	Mt. Laurel
47	17-May-11	442.56-450	7.7	103	Quartz, glauconite sand	Mt. Laurel
48	17-May-11	450-452.87	2.25	78	Quartz, glauconite sand	Mt. Laurel
49	17-May-11	452.8-460	7.2	101	Quartz, glauconite sand	Mt. Laurel
		7.44				
			347.59			
			350			
			99.3			