

Table 174AX Ancora A.xls

run #	Date	Cored Interval (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
1	8-Jul-98	2-7	2	40	gravel	surficial
2		7-9.5	2.1	84	red gravel	surficial
3		9.5-12	1	40	red clayey sand	?Cohansey
4		12-15	2.2	73	medium to fine sand	?Cohansey
5	9-Jul-98	15-17.5	2.1	84	medium to coarse quartz sand	?Cohansey
6		17.5-20	2.3	92	medium to coarse quartz sand	?Cohansey
7		20-22	2	100	pebbly variegated coarse quartz sand	?Cohansey
8		22-23	1	100	semi-indurated variegated coarse quartz sand	?Cohansey
9		23-25	1.8	90	indurated and semi-indurated vc quartz sand	?Cohansey
10		25-27.5	2.6	104	cross bedded medium to very coarse quartz sand	?Cohansey
11		27.5-30	1.9	76	indurated very coarse sand; fine to medium sand; contact at 29.25 ft; definite Cohansey	Cohansey
12		30-35	4.45	89	cross-bedded, burrowed medium to coarse quartz sand	Cohansey
13		35-40	4.6	92	cross-bedded, burrowed medium to coarse quartz sand	Cohansey
14		40-45	4.3	86	massive fine to medium quartz sand	Cohansey
15		45-50	4.1	82	massive fine quartz sand	Cohansey
16		50-55	3.2	64	massive and cross-bedded fine to medium quartz sand	Cohansey
17		55-60	4.5	90	massive medium to coarse quartz sand	Cohansey
18		60-65	4.4	88	medium sand with interbedded clay	Cohansey
19	10-Jul-98	65-70	2.2	44	medium sand with interbedded clay	Cohansey
20		70-75	4.2	84	medium sand with interbedded clay	Cohansey
21		75-80	4	80	medium sand with interbedded clay	Cohansey
22		80-85	4	80	medium sand with interbedded clay	Cohansey
23		85-90	4.1	82	coarse sand with interbedded clay	Cohansey
24		90-95	4.1	82	medium sand with interbedded clay	Cohansey
25	12-Jul-98	95-100	4.4	88	medium sand with interbedded silt	Cohansey
26		100-105	4.3	86	medium to coarse sand, variegated	Cohansey
27		105-110	4	80	medium sand, silty clay lenses, fining up	Cohansey
28		110-115	4	80	fine sand, 2 thin silty clay lenses	Cohansey
29		115-120	4	80	fine to coarse sand, variegated	Cohansey
30		120-125	4.1	82	medium to coarse sand, pebbles up to 4mm	Cohansey

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31		125-130	5	100	fine to medium sand grading to coarse	Cohansey
32		130-135	4.9	98	medium to coarse sand	Cohansey
33		135-140	4	80	medium to coarse sand, 2 silty sand lenses	Cohansey
34		140-145	4	80	medium to coarse sand	Cohansey
35	13-Jul-98	145-150	4.5	90	pebbly fine to very coarse quartz sand	Cohansey
36		150-155	4.6	92	pebbly medium to coarse quartz sand	Cohansey
37		155-160	5.3	106	medium sand	Cohansey
38		160-165	5.1	102	slightly silty medium sand	Cohansey
39		165-170	5.1	102	cross-bedded medium sand; massive fine to medium sand; sequence boundary at 167.9 ft	Cohansey/ Kirkwood
40		170-175	0.6	12	cross-bedded medium sand; massive fine to medium sand	Kirkwood
41		175-180	0	0		
42		180-185	5.6	112	silty very fine to fine quartz sand	Kirkwood
43		185-190	2	40	silty very fine to fine quartz sand	Kirkwood
44		190-195	5.4	108	silty very fine to fine quartz sand	Kirkwood
45		195-200	5	100	silty very fine to fine sand; silty clay	Kirkwood
46		200-205	5.3	106	silty clay to clay	Kirkwood
47	14-Jul-98	205-210	5.35	107	silty clay to clay	Kirkwood
48	16-Jul-98	210-220	10.3	103	thinly bed and mass clay and silty clay	Kirkwood
49		220-230	10.3	103	thinly bed and mass clay and silty clay; sequence boundary at 227.2 ft	Kirkwood
50		230-240	10.2	102	sandy silt; clayey silt; silty fine sand	Kirkwood
51		240-250	9.1	91	silty very fine quartz sand	Kirkwood
52		250-260	10.3	103	silty very fine to fine quartz sand	Kirkwood
53		260-270	9.65	97	shelly silty very fine sand; lag; medium to coarse glauconitic quartz sand; contact at 263.7 ft	Kirkwood/ Shark River
54		270-280	9.6	96	shelly silty very fine sand; lag; medium to coarse glauconitic quartz sand	Shark River
55	17-Jul-98	280-290	10	100	medium to coarse quartz sand	Shark River
56		290-300	10.2	102	medium to coarse quartz sand	Shark River
57		300-310	10	100	medium to coarse quartz sand	Shark River
58		310-316	6	100	medium to coarse quartz sand; clayier medium to coarse quartz sand	Shark River

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59		316-320	3.3	83	medium to coarse quartz sand; clayier medium to coarse quartz sand	Shark River
60		320-330	10	100	medium to coarse quartz sand; clayier medium to coarse quartz sand	Shark River
61		330-340	9.7	97	medium to coarse quartz sand; clayier medium to coarse quartz sand	Shark River
62		340-350	10.3	103	medium to coarse quartz sand; clayier medium to coarse quartz sand	Shark River
63		350-360	10	100	glaucconitic clay and glauconite sand; sequence boundary at 359.8 ft	Shark River
64	18-Jul-98	360-370	10.4	104	glaucconitic clay	Shark River
65		370-380	10.2	102	glaucconitic clay	Shark River
66		380-390	10.2	102	glaucconitic clay; silty clay; sequence boundary at 388.6 ft	Shark River
67		390-400	10.35	104	silty clay	Shark River
68		400-405	4.4	88	silty clay with glauconite	Shark River
69		405-410	5.1	102	silty clay with glauconite	Shark River
70	19-Jul-98	410-415	5.2	104	silty clay with glauconite; glauconitic clay	Shark River
71		415-420	5.7	114	silty clay; glauconitic slightly sandy clay	Shark River
72		420-427	7.8	111	glaucconitic clay	Shark River
73		427-430	2.5	83	indurated, heavily glauconitic clay ; silty clay with glauconite; sequence boundary at 427.6 ft	Shark River
74		430-440	4	40	clay with glauconite; glauconitic clay	Shark River
75		440-443	3.35	112	glaucconitic clay grading to clayey glauconite sand	Shark River
76	20-Jul-98	443-450	6.5	93	glaucconitic clay and clayey glauconite sand; sequence boundaries at 443, and 446.7, contact at 448.7 ft	Shark River/ Manasquan
77		450-460	10.4	104	interbedded clay and silty clay	Manasquan
78		460-470	1.95	20	slightly glauconitic silty clay; sequence boundary at 461.2 ft	Manasquan
79	21-Jul-98	470-480	9.2	92	slightly glauconitic interbedded clay and silt	Manasquan
80		480-490	10.2	102	laminated; rippled silty clay	Manasquan
81		490-498	6.9	86	slightly glauc silty clay with some sand	Manasquan
82		498-500	0	0		
83		500-508	7.3	91	interbedded clay and silty clay	Manasquan

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84	22-Jul-98	508-515	1.25	18	silty clay	Manasquan
85		515-520	5.1	102	silty clay; glauconitic silty clay; sequence boundary at 519.2 ft	Manasquan
86		520-530	10.2	102	clayey glauconite sand; very slightly glauconitic micaceous silty clay; contact at 522.2ft	Manasquan/ Vincentown eq.
87		530-540	10	100	micaceous silty clay	Vincentown eq.
88	23-Jul-98	540-550	5.5	55	silty clay; convoluted clay	Vincentown eq.
89		550-560	10.15	102	interbedded silty clay and clay	Vincentown eq.
90		560-570	10.3	103	laminated silty clay to massive glauconitic, micaceous, sandy clayey silt	Vincentown eq.
91		570-580	10.4	104	massive glauconitic, micaceous, sandy clayey silt	Vincentown eq.
92	24-Jul-98	580-585	5.1	102	massive glauconitic, micaceous, sandy clayey silt	Vincentown eq.
93		585-590	5.4	108	massive glauconitic, micaceous, sandy clayey silt	Vincentown eq.
94		590-595.5	5.5	100	glauconitic clay	Vincentown eq.
95		595.5-600	4.9	109	glauconitic clay to clayey glauconite sand; sequence boundary at 597.5 ft	Vincentown eq.
96		600-605	5.5	100	glauconite sand; contact at 604.5 ft	Vincentown eq. /Hornerstown
97		605.6-610	4.8	107	glauconite sand	Hornerstown
98		610-620	10.2	102	glauconite sand; clayey glauconite sand; sequence boundary at 612.5 ft; contact at 618.1 ft	Hornerstown/ Navesink
99		620-630	10.4	104	glauconite sand	Navesink
100	25-Jul-98	630-635	5.1	102	glauconite clay	Navesink
101		635-640	5.25	105	glauconite clay	Navesink
102		640-650	10	100	glauconite clay	Navesink
103		650-660	10.1	101	quartzose and glauconitic clayey sand; contact at 651.3 ft	Navesink/ Mt. Laurel
104		660-666	6.4	107	quartzose and glauconitic clayey sand	Mt. Laurel
105		666-670	3.4	85	quartzose and glauconitic clayey sand	Mt. Laurel
106		670-680	10	100	quartzose sand	Mt. Laurel
107		680-690	9.8	98	quartzose sand	Mt. Laurel
108	26-Jul-98	690-700	9.6	96	slightly glauconitic clayey fine quartz sand	Mt. Laurel
109		700-710	10.15	102	slightly glauconitic clayey fine quartz sand	Mt. Laurel

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110		710-720	9.8	98	glaucconitic clayey fine quartz sand; slightly glaucconitic sandy micaceous silt; contact at 718 ft	Mt. Laurel/ Wenonah
111		720-730	10.5	105	slightly glaucconitic micaceous clay-silt	Wenonah
112		730-740	10	100	bioturbated, very silty clay	Wenonah
113		740-750	10.2	102	bioturbated, silty, glaucconitic, clay; contact at 742 ft	Wenonah/ Marshalltown
114	27-Jul-98	750-759	8.5	94	shelly, clayey glaucconite sand, glaucconitic clay, quartz sand; contact at 757.2 ft	Marshalltown/ Englishtown