

Table 174AX Double Trouble

run #	Date	Cored Interval (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
1	10-Oct-08	5-10	1.2	24	Medium to coarse sand	Cohansey
2	10-Oct-08	10-15	1.4	28	Medium to coarse sand	Cohansey
3	10-Oct-08	15-20	2	40	Medium to coarse sand	Cohansey
4	10-Oct-08	20-25	1.7	34	Medium to coarse sand	Cohansey
5	10-Oct-08	25-30	4.3	86	Medium to coarse sand	Cohansey
6	10-Oct-08	30-35	1	20	Medium to coarse sand	Cohansey
7	10-Oct-08	35-40	2.8	56	Medium to coarse sand	Cohansey
8	10-Oct-08	40-45	3	60	Medium to coarse sand	Cohansey
9	10-Oct-08	45-50	0.8	16	Medium to coarse sand	Cohansey
10	10-Oct-08	50-51	0.35	35	Medium to coarse sand	Cohansey
11	10-Oct-08	51-60	2.5	28	Medium to coarse sand	Cohansey
12	10-Oct-08	60-65	1.5	30	Medium to coarse sand	Cohansey
13	10-Oct-08	65-70	3	60	Fine to medium sand	Cohansey
14	11-Oct-08	70-75	4	80	Medium sand, silty clay at bottom	Cohansey
15	11-Oct-08	75-80	4.5	90	Fine to medium sand	Cohansey
16	11-Oct-08	80-87.5	4.3	57	Medium to coarse sand	Cohansey
17	11-Oct-08	87.5-95	2.2	29	Medium to coarse sand	Cohansey
18	11-Oct-08	95-100	3.8	76	Silt and interlaminated sand	Cohansey
19	11-Oct-08	100-105	2.3	46	Coarse sand, silty sand at bottom	Cohansey
20	11-Oct-08	105-110	4.3	86	Silt, clay, sand	Cohansey
21	11-Oct-08	110-120	0.75	8	Clay, silt, sand	Cohansey
22	12-Oct-08	120-125	4.75	95	Fine to medium sand	Cohansey
23	12-Oct-08	125-130	4.6	92	Fine to medium sand	Cohansey
24	12-Oct-08	130-135	3.7	74	Medium sand	Cohansey
25	12-Oct-08	135-140	3	60	Fine to medium sand	Cohansey
26	12-Oct-08	140-150	0.5	5	Medium to coarse sand	Cohansey
27	12-Oct-08	150-152	0.9	45	Medium sand	Cohansey
28	12-Oct-08	152-160	0.35	4	Fine to medium sand	Cohansey
29	12-Oct-08	160-165	2.7	54	Fine to medium sand/very fine sand	Cohansey
30	12-Oct-08	165-170	4.8	96	Lignitic sand and silt interbedded with medium to coarse sand	Kirkwood
31	12-Oct-08	170-180	9	90	Fine to medium sand	Kirkwood
32	13-Oct-08	180-182	1.7	85	Granuliferous sand to sandy gravel	Kirkwood
33	13-Oct-08	182-190	0.7	9	Granuliferous sand to sandy gravel	Kirkwood
34	17-Oct-08	190-192	1.2	60	Lignitic silty sand interbedded medium sand	Kirkwood
35	17-Oct-08	192-196	2.7	68	Fine to medium sand	Kirkwood
36	17-Oct-08	196-200	3	75	Fine to medium sand	Kirkwood
37	17-Oct-08	200-210	8.7	87	Fine to medium sand	Kirkwood

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38	17-Oct-08	210-220	6.9	69	Fine to medium sand	Kirkwood
39	17-Oct-08	220-225	4	80	Fine to medium sand	Kirkwood
40	17-Oct-08	225-226	1.3	130	Fine to medium sand	Kirkwood
41	17-Oct-08	226-230	2.1	53	Fine to medium sand	Kirkwood
42	17-Oct-08	230-240	8	80	Fine to medium sand	Kirkwood
43	17-Oct-08	240-250	9	90	Fine to medium sand	Kirkwood
44	18-Oct-08	250-260	8.5	85	Micaceous clayey silts and very fine sand	Kirkwood
45	18-Oct-08	260-270	3.7	37	Micaceous clayey silts and very fine sand	Kirkwood
46	18-Oct-08	270-280	9.1	91	Micaceous clayey silts and very fine sand	Kirkwood
47	18-Oct-08	280-290	9.3	93	Micaceous clayey silts and very fine sand and glauconite sand	Kirkwood/Kw0
48	18-Oct-08	290-300	9.8	98	Glauconitic clay and sand	Kw0/Oligocene
49	18-Oct-08	300-310	9.6	96	Glauconitic quartz sand	Toms River Mbr.
50	18-Oct-08	310-317	4.8	69	Glauconitic quartz sand	Toms River Mbr.
51	18-Oct-08	317-320	0.9	30	Glauconitic quartz sand, indurated	Toms River Mbr.
52	18-Oct-08	320-330	6.1	61	Glauconitic quartz sand, indurated	Toms River Mbr.
53	19-Oct-08	330-340	3.2	32	Glauconite-quartz sand, indurated in spots	Toms River Mbr.
54	19-Oct-08	340-345	2	40	Glauconite-quartz sand, indurated in spots	Toms River Mbr.
55	19-Oct-08	345-350	2.6	52	Quartzose glauconite sand, glauconitic clay beds	Toms River Mbr.
56	19-Oct-08	350-357	2.4	34	Quartzose glauconite sand, glauconitic clay beds	Toms River Mbr.
57	19-Oct-08	357-360	1.35	45	Quartzose glauconite sand, glauconitic clay beds	Toms River Mbr.
58	19-Oct-08	360-365	2.2	44	Quartzose glauconite sand, glauconitic clay beds; cross-beds	Toms River Mbr.
59	19-Oct-08	365-370	3.1	62	Quartzose glauconite sand, glauconitic clay with interbedded sands	Toms River Mbr.
60	19-Oct-08	370-375	3.4	68	Quartzose glauconite sand, glauconitic clay beds	Toms River Mbr.
61	19-Oct-08	375-380	4.1	82	Glauconite-quartz sand, silt and clay beds	Toms River Mbr.
62	19-Oct-08	380-390	7.3	73	Glauconite-quartz sand, thin clay beds	Toms River Mbr.
63	19-Oct-08	390-400	2.7	27	Granuliferous glauconite-quartz sand; ash marl	Toms River Mbr.
64	20-Oct-08	400-403	1	33	Glauconite-quartz sand, thin clay bed	Toms River Mbr.
65	20-Oct-08	403-406	2.8	93	Granuliferous glauconite-quartz sand	Toms River Mbr.
66	20-Oct-08	406-410	2.85	71	Granuliferous glauconite-quartz sand	Toms River Mbr.
67	20-Oct-08	410-415	3.8	74	Glauconitic quartz sand; very water rich	Toms River Mbr.
68	20-Oct-08	415-420	4.45	89	Glauconitic quartz sand; clayey glauconitic quartz sand; sequence boundary; glauconitic clay	Toms River Mbr.
69	20-Oct-08	420-425	1.55	31	Granuliferous clayey, glauconitic quartz sand and glauconitic clay	Toms River Mbr.

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70	20-Oct-08	425-430	3.6	72	Granuliferous clayey, glauconitic quartz sand and glauconitic clay	Toms River Mbr.
71	20-Oct-08	430-440	2.45	25	Granuliferous clayey, glauconitic quartz sand and glauconitic clay	Toms River Mbr.
72	21-Oct-08	440-450	2.5	25	Granuliferous clayey, glauconitic quartz sand and glauconitic clay	Toms River Mbr.
73	21-Oct-08	450-460	9.8	98	Granuliferous clayey, glauconitic quartz sand and glauconitic clay	TRM Shark River
74	21-Oct-08	460-470	8.4	84	Glauconite, quartz silt with interburrowed brown clay	u. Shark River
75	21-Oct-08	470-480	6	60	Glauconite, quartz silt with interburrowed brown clay	Shark River
76	21-Oct-08	480-490	10	100	Slightly sandy silt	I. Shark River
77	21-Oct-08	490-500	7.1	71	Slightly sandy silt	I. Shark River
78	21-Oct-08	500-505	4.8	96	Glauconitic silt	I. Shark River
79	21-Oct-08	505-510	4.5	90	Glauconitic silt	I. Shark River
80	22-Oct-08	510-520	10	100	Glauconitic silty clay	I. Shark River
81	22-Oct-08	520-530	8.9	89	Glauconitic foraminiferal clay; contact 521.7; slightly glauconitic foraminifer rich clay	I. Shark River
82	22-Oct-08	530-539.5	10.4	109	Slightly glauconitic foraminiferal clay and porcellanitic clay	I. Shark River
83	22-Oct-08	539.5-549.8	9.9	96	Slightly glauconitic foraminiferal clay and porcellanitic clay; MFS?	I. Shark River
84	23-Oct-08	549.8-560	10.2	100	Slightly glauconitic foraminiferal clay and porcellanitic clay	I. Shark River
85	23-Oct-08	560-570	9.2	92	Slightly glauconitic foraminiferal clay and porcellanitic clay	I. Shark River
86	23-Oct-08	570-580	9.9	99	Glauconitic foraminiferal clay and porcellanitic clay	Shark River/ Manasquan
87	23-Oct-08	580-590	9.8	98	Slightly glauconitic foraminiferal clay and porcellanitic clay	Manasquan
88	23-Oct-08	590-600	9	90	Silty clay, porcellanite very fine sand, slightly glauconitic	Manasquan
89	23-Oct-08	600-609	8	89	Silty clay, porcellanite very fine sand	Manasquan
90	23-Oct-08	609-610	4	400	Silty clay, porcellanite very fine sand	Manasquan
91	24-Oct-08	610-620	5.85	59	Slightly glauconitic foraminiferal porcellanitic silty clay	Manasquan
92	24-Oct-08	620-627	7.65	109	Slightly glauconitic foraminiferal porcellanitic silty clay	Manasquan
93	24-Oct-08	627-630	4.05	135	Slightly glauconitic foraminiferal porcellanitic silty clay	Manasquan
94	24-Oct-08	630-640	5.55	56	Slightly glauconitic foraminiferal porcellanitic clayey sand	Manasquan
95	24-Oct-08	640-647	7.2	103	Slightly glauconitic foraminiferal porcellanitic silty clay	Manasquan
96	25-Oct-08	647-655	4.3	54	Slightly glauconitic foraminiferal porcellanitic silty clay	Manasquan
97	25-Oct-08	655-660	4.3	86	Slightly glauconitic foraminiferal porcellanitic silty clay	Manasquan
98	25-Oct-08	660-670	10.2	102	Porcellanitic silty clay and clayey silt	Manasquan
99	25-Oct-08	670-680	8.1	81	Porcellanitic silty clay with very fine sand filled burrows	Manasquan
100	25-Oct-08	680-688.5	9	106	Clayey silt with burrowed fine sand	Manasquan

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101	25-Oct-08	688.5-698.5	9.7	97	Silty clay to clay with sand filled burrows	Manasquan
102	25-Oct-08	698.5-708	9.5	100	Clay, glauconite sand, micaceous silt	Manasquan/ Vincentown
103	26-Oct-08	708-719	10.7	97	Clayey silt	Vincentown
104	26-Oct-08	719-729.5	10.3	98	Clayey silt	Vincentown
105	26-Oct-08	729.5-735	5.4	98	Clayey silt	Vincentown
106	27-Oct-08	735-740	1.4	28	Silty clay, glauconitic	Vincentown
107	27-Oct-08	740-748.5	10.5	124	Silt with glauconite and very fine sand	Vincentown
108	27-Oct-08	748.5-759.0	10.55	100	Silt with glauconite and very fine sand	Vincentown
109	27-Oct-08	759.0-769.5	10.7	102	Silt with very fine sand, some glauconite	Vincentown
110	28-Oct-08	769.5-780	9.7	92	Clayey silt to silty clay, some glauconite	Vincentown
111	28-Oct-08	780-785	3.9	78	Silty clay, some glauconite	Vincentown
112	28-Oct-08	785-792	5.5	79	Very micaceous very fine sandy clayey silt	Vincentown
113	29-Oct-08	792-800	7.4	93	Sandy silty clay	Vincentown
114	30-Oct-08	800-810	9.7	97	Silty clay over clayey, silty quartzose glauconite sand; contact 804.1 ft	Vincentown/ Hornerstown
115	30-Oct-08	810-820	9.9	99	Clayey, slightly micaceous glauconite sand to glauconitic clay	Hornerstown
116	30-Oct-08	820-830	9.6	96	Slightly silty, glauconitic quartz sand; contact zone 822.1-824.3 ft; clayey glauconite sand	Hornerstown
117	30-Oct-08	830-840	10.7	107	Clayey glauconite sand; K/Pg 838.85 ft; glauconitic clay	Hornerstown/ New Egypt- Navesink
118	30-Oct-08	840-850	7.6	76	Glauconitic clay	Navesink
119	30-Oct-08	850-858	10	125	Clay, glauconite sand	Navesink