

Table 174AX Fort Mott

run #	Date	Cored Interval (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
1	3-Oct-01	1-6	2.00	40	Silty sand	Cape May
2	3-Oct-01	6-9.5	4.20	120	Sandy clay	Cape May
3	3-Oct-01	9.5-15	1.60	29	Sandy clay	Cape May
4	3-Oct-01	15-18.5	1.60	46	Gravelly sand	Cape May
5	3-Oct-01	18.5-20	1.10	73	Gravelly sand	Cape May
6	3-Oct-01	20-25	1.60	32	Clay	Cape May
7	3-Oct-01	25-30	4.70	94	Sand on top; 27.7 ft contact; clay below	Cape May/ ?up. Englishtown
8	3-Oct-01	30-35	4.20	84	Clay	?up. Englishtown
9	3-Oct-01	35-40	3.70	74	Clay on top; 36.0 ft contact; sand below	?up. Englishtown /lo. Englishtown
10	4-Oct-01	40-45.5	2.80	56	Slurry in top 2.1 ft; clay with drilling mud	lo. Englishtown
11	4-Oct-01	45.5-50	0.00	0	?	lo. Englishtown
12	4-Oct-01	50-55	1.40	28	Laminated silt	lo. Englishtown
13	4-Oct-01	55-60	4.00	80	Laminated silt	lo. Englishtown
14	4-Oct-01	60-63.6	3.60	100	Laminated silt	Woodbury
15	5-Oct-01	63.6-70	3.45	54	Silt and laminated silt	Woodbury
16	5-Oct-01	70-80	4.80	48	Silt and laminated silt	Woodbury
17	5-Oct-01	80-90	6.00	60	Silt and laminated silt	Woodbury
18	5-Oct-01	90-95	5.10	102	Laminated clay	Woodbury
19	5-Oct-01	95-100	5.20	104	Clay/silt with glauconite at base	Woodbury
20	5-Oct-01	100-110	9.90	99	Glauconitic sandy clay and silt	Woodbury/ Merchantville
21	5-Oct-01	110-120	9.50	95	Glauconitic clayey sand; 113.3 ft contact; silt below	Merchantville/ Cheesequake
22	5-Oct-01	120-130	4.80	48	Sandy silt with chert nodule at bottom	Cheesequake
23	5-Oct-01	130-135	3.30	66	Sand	Magothy
24	5-Oct-01	135-140	3.40	68	Sand	Magothy
25	6-Oct-01	140-145	3.30	66	Sand with interlaminated silty clay; 141.1 ft contact; sand below	Magothy
26	6-Oct-01	145-150	4.00	80	Interbedded clay and fine sand with sphaerosiderite nodules	Potomac
27	6-Oct-01	150-160	9.30	93	Clay with sphaerosiderite; sand to silty sand; silt	Potomac
28	6-Oct-01	160-170	5.80	58	Silt; very fine silty sand; silty clay	Potomac
29	6-Oct-01	170-180	6.60	66	Clay, silty with clayey silt laminae	Potomac
30	6-Oct-01	180-190	8.40	84	Silty clay, finely banded; sphaerosiderite	Potomac
31	6-Oct-01	190-200	8.50	85	Silty clay; mottled/laminated	Potomac
32	7-Oct-01	200-210	9.00	90	Clay, silty, very fine sand; mottled/laminated	Potomac
33	7-Oct-01	210-220	9.70	97	Clay, silty, mottled/laminated; some sphaerosiderite	Potomac
34	7-Oct-01	220-230	7.30	73	Clay, mottled/laminated; root zones	Potomac

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35	7-Oct-01	230-240	9.30	93	Silt, mottled, common sphaerosiderite	Potomac
36	7-Oct-01	240-245	5.00	100	Clay; 241 ft faint contact; slightly clayey silt below	Potomac
37	8-Oct-01	245-250	5.20	104	Mottled clay	Potomac
38	8-Oct-01	250-260	10.30	103	Mottled clay and silty clay; sand	Potomac
39	8-Oct-01	260-270	9.65	97	Mottled clay	Potomac
40	8-Oct-01	270-280	4.80	48	Mottled clay	Potomac
41	8-Oct-01	280-290	3.10	31	Mottled clay	Potomac
42	9-Oct-01	290-290.4	0.40	100	Micaceous silt	Potomac
43	9-Oct-01	290.4-300	8.50	89	Sand, some gravel	Potomac
44	9-Oct-01	300-303.5	3.20	91	Sand and gravel	Potomac
45	9-Oct-01	303.5-310	6.00	92	Coarse sand	Potomac
46	9-Oct-01	310-315	1.35	27	Coarse sand and mottled clay	Potomac
47	10-Oct-01	315-320	5.25	105	Mottled clay	Potomac
48	10-Oct-01	320-330	8.35	84	Medium to fine sand	Potomac
49	10-Oct-01	330-335	3.75	75	Medium to fine sand	Potomac
50	10-Oct-01	335-340	3.15	63	Medium to fine sand	Potomac
51	10-Oct-01	340-350	7.10	71	Interbedded clay and fine sand	Potomac
52	10-Oct-01	350-360	8.65	87	Interbedded clay and fine sand	Potomac
53	10-Oct-01	360-365	4.25	85	Interbedded clay and fine sand	Potomac
54	11-Oct-01	365-370	5.00	100	Mottled clay	Potomac
55	11-Oct-01	370-380	10.00	100	Mottled clay	Potomac
56	11-Oct-01	380-390	10.00	100	Mottled clay	Potomac
57	11-Oct-01	390-400	10.00	100	Mottled clay	Potomac
58	11-Oct-01	400-410	10.00	100	Mottled clay	Potomac
59	12-Oct-01	410-420	10.00	100	Mottled clay and silty clay	Potomac
60	12-Oct-01	420-430	6.30	63	Silty sand and clayey sand	Potomac
61	12-Oct-01	430-440	7.90	79	Silty sand and clayey sand	Potomac
62	12-Oct-01	440-450	9.40	94	Silty sand and clayey sand	Potomac
63	12-Oct-01	450-460	10.10	101	Slightly silty clay	Potomac
64	12-Oct-01	460-470	10.20	102	Slightly silty clay	Potomac
65	12-Oct-01	470-475	5.30	106	Slightly silty clay; sandstone interbed	Potomac
66	13-Oct-01	475-480	5.40	108	Silty clay, mottled/laminated	Potomac
67	13-Oct-01	480-490	8.65	87	Silty clay with interlaminated very fine to fine sand	Potomac
68	13-Oct-01	490-500	9.30	93	Silty clay with interlaminated very fine to fine sand	Potomac
69	13-Oct-01	500-510	8.55	86	Silty clay with interlaminated very fine to fine sand; 508.15 ft contact; silty clay below	Potomac
70	13-Oct-01	510-520	10.35	104	Clayey silt; 517 ft contact; slightly silty clay	Potomac
71	13-Oct-01	520-530	9.90	99	Slightly clayey silt	Potomac

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72	15-Oct-01	530-540	9.00	90	Mottled clay	Potomac
73	15-Oct-01	540-550	9.40	94	Mottled clay/gray silt	Potomac
74	15-Oct-01	550-560	9.30	93	Mottled clay/gray silt	Potomac
75	15-Oct-01	560-570	3.70	37	Sand and lignite	Potomac
76	15-Oct-01	570-580	8.00	80	Sand, lignite, clay	Potomac
77	15-Oct-01	580-590	2.30	23	Silty clay; lignitic very fine sand	Potomac
78	16-Oct-01	590-598	6.80	85	Lignitic medium sand; very coarse sand; very fine sand	Potomac
79	16-Oct-01	598-605	1.90	27	Lignitic sand and interbedded clay	Potomac
80	16-Oct-01	605-610	1.80	36	Gray silt	Potomac
81	16-Oct-01	610-620	8.40	84	Mottled clay with sand at bottom	Potomac
82	16-Oct-01	620-630	8.10	81	Clay over interbedded silt/sand	Potomac
83	17-Oct-01	630-640	8.20	82	Silty sand	Potomac
84	17-Oct-01	640-646.5	4.70	72	Silty sand	Potomac
85	17-Oct-01	646.5-651	6.00	133	Silty clay	Potomac
86	17-Oct-01	651-660	1.85	34	Silty sand, silty clay (2 runs, 86 & 86A)	Potomac
86A	17-Oct-01	651-661	1.20	34	Silty sand, silty clay (2 runs, 86 & 86A)	Potomac
87	18-Oct-01	660-665	4.55	91	Mottled clay	Potomac
88	18-Oct-01	665-675	9.70	97	Mottled clay	Potomac
89	18-Oct-01	675-680	4.70	94	Mottled clay	Potomac
90	18-Oct-01	680-690	10.00	100	Mottled clay	Potomac
91	19-Oct-01	690-694	2.15	54	Mottled clay	Potomac
92	19-Oct-01	694-700	6.10	102	Mottled clay	Potomac
93	19-Oct-01	700-710	10.25	103	Mottled clay over light gray clayey silt	Potomac
94	20-Oct-01	710-720	2.90	29	Mottled clayey silt	Potomac
95	20-Oct-01	720-725	2.80	56	Clayey silt	Potomac
96	20-Oct-01	725-730	5.50	110	Hard mottled silty sand	Potomac
97	20-Oct-01	730-740	9.20	92	Hard mottled silty sand and soft clay/sand	Potomac
98	22-Oct-01	740-748	3.90	49	Mottled silt	Potomac
99	22-Oct-01	748-753.5	4.80	87	Laminated clay and silt	Potomac
100	22-Oct-01	753.5-760	5.15	79	Silt, clay, sand	Potomac
101	22-Oct-01	760-765	5.00	100	Silty clay	Potomac
102	22-Oct-01	765-775	7.50	75	Mottled clay and silt	Potomac
103	23-Oct-01	775-780	0.00	0	?	Potomac
104	23-Oct-01	780-785	5.10	102	Mottled clay	Potomac
105	23-Oct-01	785-795	7.70	77	Mottled clay	Potomac
106	23-Oct-01	795-805	4.50	45	very fine sand and silt	Potomac
107	23-Oct-01	805-810	5.20	104	Lignitic silt and clay	Potomac
108	23-Oct-01	810-820	4.00	40	Silt over clayey sand	Potomac