

Table 150X Cape May

run #	Date	Cored Interval (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
1	16-Mar-94	0-5	3.00	60	pebbly clayey m. sand	fill
2		5 to 10	0.90	18	m qtz sand	Cape May
3		010-15.7	3.70	65	silty clay f-m sand; H2S	Cape May
4		15.7-20	4.40	102	clayey m-fine sand	Cape May
5		20-25	3.50	70	m sands	Cape May
6		25-30	0.30	6	m sand	Cape May
7		30-35	4.50	90	sandy clay; contact at 33.1	Cape May
8		35-40	3.70	74	silty clay, clayey sand & silt.	Cape May
9		40-45	4.80	96	silty clay, clayey sand & silt.	Cape May
10		45-50	3.80	76	silty clay, clayey sand & silt.	Cape May
11		50-55	4.40	88	dark gray clay.	Cape May
12	18-Mar-94	55-60	3.35	67	fine sandy and silty clay	Cape May
13		60-65	4.70	94	very fine sand	Cape May
14		65-70	2.30	46	dark gray clay	Cape May
15		70-75	5.25	105	dark gray clay	Cape May
16		75-80	2.35	47	medium quartz sand	Cape May
17		80-83	3.70	123	medium quartz sand with shell hash	Cape May
18		83-85	2.80	140	medium quartz sand with shell hash	Cape May
19	19-Mar-94	85-90	2.00	40	Medium quartz sand with shell hash	Cape May
20		90-95	5.00	100	Dark gray clay	Cape May
21		95-100	4.70	94	Dark gray clay	Cape May
22		100-105	4.80	96	Dark gray clay	Cape May
23		105-110	4.70	94	Dark gray clay w/ lignite bed	Cape May
24		110-115	5.40	108	thinly laminated clay	Cape May
25		115-120	5.00	100	thinly laminated clay	Cape May
26		120-125	5.35	107	thinly laminated clay	Cape May
27		125-130	5.00	100	thinly laminated clay	Cape May
28		130-135	4.00	80	thinly laminated clay; contact 132.95 ft; medium sand below	Cape May
29		135-140	4.40	88	thinly laminated clay	Cape May
30		140-145	2.70	54	m-f qtz sands	Stone Harbor
31		145-147	2.00	100	m-f qtz sands	Stone Harbor
32		147-150	2.70	90	m sands w/ qtz pebbles	Stone Harbor
33		150-155	2.30	46	m-f sands & sandy clay	Stone Harbor
34	20-Mar-94	155-160	2.40	48	m-c sands w/ minor organics	Stone Harbor

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run #	Date	Cored Interval (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
35		160-165	4.70	94	muddy m sand, organic rich	Stone Harbor
36		165-170	2.30	46	muddy m sand, organic rich	Stone Harbor
37		170-175	4.10	82	v. organic rich muddy m sand	Stone Harbor
38		175-180	3.00	60	muddy sand diminishing org	Stone Harbor
39		180-185	3.40	68	m-c muddy sand w/ mica	Stone Harbor
40		185-190	0.40	8	m-c muddy sand w/ mica	Stone Harbor
41		190-195	5.00	100	uniform m-c sands	Stone Harbor
42		195-200	4.50	90	m-c sands & v.c. sands	Stone Harbor
43		200-205	5.00	100	f muddy sands & clay layers	Stone Harbor
44		205-210	4.00	80	m-f & m-c muddy sands w/ clay layers	Stone Harbor
45		210-215	4.90	98	f-m muddy sands & sandy clay	Stone Harbor
46		215-220	4.90	98	f - v.f. muddy sands	Stone Harbor
47		220-225	5.00	100	f - v.f. muddy sands	Stone Harbor
48	21-Mar-94	225-230	3.50	70	medium quartz sand	Stone Harbor
49		230-235	5.10	102	fine to vf sand	Stone Harbor
50		235-240	4.70	94	medium and fine sand	Stone Harbor
51		240-245	5.10	102	medium and fine sand	Stone Harbor
52		245-250	2.00	40	medium and fine sand	Stone Harbor
53		250-255	5.00	100	medium and fine sand	Stone Harbor
54		255-260	4.90	98	medium and fine sand	Stone Harbor
55		260-265	5.20	104	medium and fine sand	Stone Harbor
56		265-270	5.40	108	clayes fine to vf sand	Stone Harbor
57		270-275	4.80	96	gravel	Stone Harbor
58		275-280	3.40	68	fine sand	Stone Harbor
59		280-285	0.00	0		Stone Harbor
60	22-Mar-94	285-286	1.30	130	medium sand	Stone Harbor
61		286-290	4.00	100	medium sand	Stone Harbor
62		290-295	5.00	100	coarse sand	Stone Harbor
63		295-300	0.30	6	coarse sand and clay	Stone Harbor
64		300-305	4.20	84	medium sand	Stone Harbor
65		305-310	4.60	92	medium sand	Stone Harbor
66		310-312	1.70	85	medium sand	Stone Harbor
67		312-315	2.50	83	medium sand	Stone Harbor
68		315-320	4.00	80	medium sand	Stone Harbor

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run #	Date	Cored Interval (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
69	23-Mar-94	320-322.5	4.80	192	top 2.5 ft caved sands?; c qtz sand; pebbly sand @base	Stone Harbor
70		322.5-325	2.70	108	lam sandy silty clay	Stone Harbor
71		325-330	4.10	82	lam sandy silty clay w/ peat	Stone Harbor
72		330-335	0.20	4	lam sandy silty clay w/ peat	Stone Harbor
73		335-340	1.70	34	gray lam firm clay w/ sand lam	Stone Harbor
74		340-342	2.10	105	green lam firm clay w/sand	Stone Harbor
75		342-345	3.90	130	green & brown lam firm clay	Stone Harbor
76		345-350	4.90	98	green & brown lam firm clay; pyrite below 348.3 ft	Stone Harbor
77		350-355	5.10	102	green & brown lam firm clay	Stone Harbor
78	1-Apr-94	355-360	3.80	76	lam. firm clay, sandy clay in basal 1.9'	Stone Harbor
79		360-367	2.30	33	uniform med. quartz sand	Kirkwood
80		367-370	6.70	223	uniform med. quartz sand	Kirkwood
81		360-365	2.20	0	re-run; probable caved sands	Kirkwood
82	2-Apr-94	370-380	0.90	9	pebbly sand w/ broken thin shells	Kirkwood
83		380-390	9.60	96	fine-med.quartz sand with lam. clay, shell hashes, broken thin shells throughout.	Kirkwood
84		390-393.5	3.10	89	medium-coarse shelly sand.	Kirkwood
85	4-Apr-94	393.5-400	3.20	49	m. sand & green clay	Kirkwood
86		400-410	10.30	103	uniform laminated silt & clay	Kirkwood
87		410-420	9.51	95	uniform laminated silt & clay, shell bed, pebbles	Kirkwood
88		420-422	1.50	75	f-m sand, shell bed	Kirkwood
89		422-430	5.30	66	f-vc sands, upward-fining sequence, pebbles, shell beds	Kirkwood
90		430-440	8.90	89	m-c sand & shell bed, clay bed, m - f muddy sands	Kirkwood
91		440-450	9.20	92	fine muddy sands w/ bluish gray clay interbeds	Kirkwood
92		450-460	3.00	30	f-m slightly muddy sands	Kirkwood
93		460-463	2.70	90	f muddy sand, indurated sand & f sandy clay	Kirkwood
94		463-469.5	5.00	77	uniform f sandy clay	Kirkwood
95	5-Apr-94	469.5-479.5	6.40	64	f sandy clay w/ sandier clay interbeds	Kirkwood
96		479.5-485	6.20	113	firm, chocolate-like clay	Kirkwood
97		485-490	5.70	114	interbedded silts and clay	Kirkwood
98		490-500	8.30	83	clay	Kirkwood
99		500-510	8.00	80	indurated medium sand	Kirkwood

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run #	Date	Cored Interval (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
100		510-520	6.25	63	medium sand and clay	Kirkwood
101		520-530	9.80	98	medium sand and clay	Kirkwood
102		530-540	8.40	84	medium sand	Kirkwood
103		540-550	9.70	97	medium sand	Kirkwood
104		550-560	4.50	45	medium sand, slightly silty	Kirkwood
105		560-570	3.00	30	medium sand	Kirkwood
106		570-580	7.55	76	muddy f sand w/ shell frags & gray sandy indurated clay w/ whole shells	Kirkwood
107		580-590	4.40	44	muddy sand, shell frags	Kirkwood
108		590-600	0.00	0	?	Kirkwood
109	6-Apr-94	600-610	0.30	3	shell hash in muddy sand	Kirkwood
110		610-613.5	0.50	14	shell hash in muddy sand	Kirkwood
111		613.5-617.5	0.50	13	shell hash in muddy sand	Kirkwood
112		617.5-618.5	1.10	110	m-f sand	Kirkwood
113		618.5-628.5	8.90	89	f sand w/ clay laminations	Kirkwood
114		628.5-638.8	10.20	99	laminated peaty clay & sand	Kirkwood
115		638.8-649	10.70	105	laminated peaty clay & sand	Kirkwood
116		649-659.5	9.50	90	laminated peaty clay & sand	Kirkwood
117		659.5-670	7.15	68	firm clay, laminated sand	Kirkwood
118		670-680	9.30	93	firm clay, laminated sand, shell hash	Kirkwood
119		680-681	0.50	50	shell hash, indurated sandy clay, hard layer	Kirkwood
120		681-690	6.60	73	hard layer, m-c muddy sand, chocolate clay	Kirkwood
121		690-700	7.90	79	sandy clay, firm clays	Kirkwood
122	7-Apr-94	700-710	6.40	64	f sandy clay, gravelly clay, gravelly sand + shell hash	Kirkwood
123		710-710.1	0.10	100	ex. hard shelly gravel	Kirkwood
124		710.1-720	5.50	56	hard & loose pebbly sand	Kirkwood
125		720-730	1.00	10	ex. hard shelly gravel, shells dissolved.	Kirkwood
126		720-730	0.00	N/A	N/A	Kirkwood
127		730-740	0.60	6	fresh shell hash, pebbly sand	Kirkwood
128		740-749	1.50	17	coarse sand w/ clay lam.	Kirkwood
129		749-760	4.70	43	shell bed; clayey sand	Kirkwood
130		760-770	5.00	50	shell bed; clayey sands; consolidated sands	Kirkwood
131		770-780	6.90	69	muddy m-c sands, gravelly	Kirkwood
132		780-790	7.30	73	muddy m-c sands, fining-up	Kirkwood

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run #	Date	Cored Interval (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
133		790-791	1.30	130	muddy m-c sands, gravelly	Kirkwood
134		791-800	1.40	16	muddy m-c sands, gravelly	Kirkwood
135		800-810	7.30	73	c sands, m-c muddy sands, lignite	Kirkwood
136	8-Apr-94	810-820	2.50	25	m-sands, shell hash, bryzns	Kirkwood
137		820-830	3.20	32	med sands; smll shell frags	Kirkwood
138		830-840	9.30	93	firm muddy sands, thick shell bed, fining upward	Kirkwood
139		840-850	7.00	70	clayey m-sands to clay	Kirkwood
140		850-860	4.30	43	consltd shell bed; f-clayey sands	Kirkwood
141		860-870	9.80	98	med gr sands; shell bed	Kirkwood
142		870-880	9.00	90	med gr sands; freq shells	Kirkwood
143		880-890	9.70	97	muddy sands, sandstone	Kirkwood
144		890-900	8.50	85	muddy sands, minor sandstone,	Kirkwood
145		900-910	7.80	78	f muddy sands, gravel beds	Kirkwood
146		910-920	7.60	76	f muddy sands, gravel/shell beds, grn silty clay	Kirkwood
147		920-930	7.90	79	silty sands, sandy silts, clay	Kirkwood
148		930-940	7.90	79	silty clay/muddy sands, c pebbly muddy sands, clayey silt/silty clay	Kirkwood
149	9-Apr-94	940-950	10.00	100	clayey silt/silty clay	Kirkwood
150		950-960	7.40	74	fine sand, silty clay w/ clayey sand/silt laminations	Kirkwood
151		960-970	7.70	77	silty clay, clayey sand	Kirkwood
152		970-980	9.50	95	silty clay, silty-f sandy sandy clay, shell hash	Kirkwood
153		980-990	9.50	95	dark silty clay, shell hash	Kirkwood
154		990-1000	8.30	83	clay and silty clay, x-bed, shell hash	Kirkwood
155		1000-1005	2.10	42	clay and silty clay	Kirkwood
156	10-Apr-94	1005-1010	0.00	0	n/a	Kirkwood
157		1010-1020	10.30	103	Contact: firm d gray clay/ green gray clay	Kirkwood
158		1020-1030	9.20	92	d gray clay, vd gray "glaucanitic" clay, bioturbated	Kirkwood
159		1030-1035	4.90	98	"glaucanitic" clay, d gray clay	Kirkwood
160		1035-1040	3.50	70	"glaucanitic" clay	Kirkwood
161		1040-1050	10.30	103	"glaucanitic" clay, weathered shell hash	Kirkwood
162	11-Apr-94	1050-1060	9.30	93	Contact glaucanitic clay/glaucanite sand at 1056.8'	Kirkwood
163		1060-1065	4.90	98	coarse glaucanite sand	Kirkwood
164		1065-1070	3.70	74	very hard glaucanite sst. & glauc. coarse sand.	Kirkwood
165		1070-1077	7.00	100	very hard glaucanite sst. & glauc. coarse sand.	Kirkwood

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run #	Date	Cored Interval (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
166		1077-1080	0.00	0	Coarse glauconite sand	Kirkwood
167		1080-1090	10.50	105	Coarse glauconite sand	Kirkwood
168		1090-1100	9.80	98	Coarse glauconite sand	Kirkwood
169		1100-1110	7.00	70	Coarse glauconite sand, pebbly	Kirkwood
170		1110-1120	6.80	68	Coarse glauconite sand, pebbly	Kirkwood
171		1120-1130	6.65	67	Coarse glauconite sand	Kirkwood
172		1130-1135	4.50	90	Coarse glauconite sand, sub-rounded qtz pebbles	Kirkwood
173		1135-1138	2.40	80	Coarse glauconite sand, rounded qtz pebbles	Kirkwood
174	12-Apr-94	1138-1140	0.00	0		Kirkwood
175		1140-1150	7.00	70	med.-coarse glauconite sand.	Kirkwood
176	13-Apr-94	1150-1160	10.00	100	med.-coarse glauconite sand.	Kirkwood
177		1160-1168	5.50	69	med.-coarse glauconite sand.	Kirkwood
178		1168-1170	0.00	0		Kirkwood
179		1178-1180	1.00	10	med.coarse glauconite sand	Kirkwood
180		1180-1184	4.00	100	clayey med. glauconite sand	Atlantic City
181		1184-1190	5.00	83	clayey med.-fine glauconite sand	Atlantic City
182		1190-1200	7.30	73	clayey med.-fine glauconite sand w/ sandy clay	Atlantic City
183		1200-1210	10.10	101	clayey med.-fine glauconite sand w/ sandy clay	Atlantic City
184		1210-1220	10.20	102	m. glauc. sands w/ c-vc glauconitic quartz sand at top	Atlantic City
185	14-Apr-94	1220-1230	3.90	39	m-c quartz and glauconite sand	Atlantic City
186		1230-1240	4.80	48	m-c quartz and glauconite sand	Atlantic City
187		1240-1248	7.40	93	f-c quartzose glauconite sand	Atlantic City
188		1248-1250	1.80	90	contact 1248.5; shelly clayey glaucnite sand over laminated glauconitic clay	Atlantic City
189		1250-1260	7.80	78	shelly clay w/ occasional laminae	Atlantic City
190		1260-1270	8.40	84	shelly sandy clay over very shelly clayey glauconite sand	Sewell Point
191		1270-1280	10.10	101	slightly sandy silty clay	Sewell Point
192		1280-1290		0	silty,clayey,fn. gr. sands;burrowing	Sewell Point
193		1290-1300	10.35	104	fn. gr. silty sands;occ burrowing; forams	Sewell Point
194		1300-1310	9.10	91	silty, fn. gr. sands;forams	Sewell Point
195		1310-1316.3	5.60	89	silty, fine gr. sands	Sewell Point
196		1316.3-1320	3.70	100	silty, fine gr. sands;burrows	Sewell Point
197		1320-1330	8.70	87	fn. gr. glauconite sand, consolidated section	Sewell Point

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198	15-Apr-94	1330-1340	2.60	26	dark glauconitic silty clay or clayey silt	Sewell Point
199		1340-1340.5	0.50	100	dark glauconitic silty clay or clayey silt	Sewell Point
200		1340.5-1350	9.00	95	dark glauconitic silty clay or clayey silt	Sewell Point
201		1350-1360	4.50	45	contact 1350.8 ft; firm silty clay, fresh shell in clay matrix	Sewell Point
202		1360-1370	10.50	105	lam. brown fossilif. firm clay	Absecon Inlet
203		1370-1380	7.00	70	lam. brown fossilif. firm clay	Absecon Inlet
204		1380-1390	10.30	103	lam. brown fossilif. firm clay	Absecon Inlet
205		1390-1400	10.20	102	lam. brown-green fossilif. firm clay	Absecon Inlet
206		1400-1410	8.00	80	lam. brown-green fossilif. firm clay	Absecon Inlet
207		1410-1419	10.00	111	lam. brown-green fossilif. firm clay	Absecon Inlet
208		1419-1430	10.40	95	lam. brown-green fossilif. firm clay	Absecon Inlet
209		1430-1440	10.35	104	lam. brown-green fossilif. firm clay	Absecon Inlet
210		1440-1450.5	10.40	99	lam. brown-green fossilif. firm clay, pyrite	Absecon Inlet
211	16-Apr-94	1450.5-1460	9.45	99	lam. brown-green fossilif. firm clay, pyrite	Absecon Inlet
212		1460-1470	10.30	103	lam. brown-green fossilif. firm clay, pyrite	Absecon Inlet
213		1470-1480	9.70	97	lam. brown-green fossilif. firm clay, pyrite	Absecon Inlet
214		1480-1490	10.00	100	lam. brown-green fossilif. firm clay, pyrite	Absecon Inlet
215	17-Apr-94	1490-1500	5.85	59	lam. brown-green fossilif. firm clay, pyrite	Absecon Inlet