

Table 150X Atlantic City

run #	Date	Cored Interval (ft)	Run length (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
1	2-Jun-93	6 to 11	5	0.2	4	gravel	fill
2		11 to 16	5	3.3	66	gravely muddy sand, sandy mud	fill to 12';Cape May below
3		16-21	5	3.6	72	muddy fine sands	Cape May
4		21-26	5	2.2	44	muddy fine sands; H2S	Cape May
5		26-31	5	3.9	78	muddy sands H2S	Cape May
6		31-36	5	3	60	muddy sands H2S	Cape May
7		36-41	5	0.3	6	sandy mud	Cape May
8		41-46	5	3	60	firm clay	Cape May
9		46-51	5	5	100	firm clay	Cape May
10	3-Jun-93	51-56	5	1.4	28	firm clay	Cape May
11		56-61	5	1.2	24	beach very coarse pebbly sands	Cape May
12		61-66	5	1.6	32	well rounded gravel	Cape May
13		66-71	5	1.2	24	gravel and pebbly sand.	Cape May
14		71-76	5	1.3	26	pebbly sand	Cape May
15	4-Jun-93	76-81	5	1.8	36	gravel/m-c sand	Cape May
16		81-86	5	3	60	gravel/pebbly f-c sand	Cape May
17		86-88.5	2.5	1.5	60	pebbly f sand	Cape May
18		88.5-91	2.5	1	40	slightly pebbly f-m sand	Cape May
19		91-95	4	2.5	63	gravels in sandy matrix f-m	Cape May
20		95-99	4	0.2	5	gravels with trace med. sand	Cape May
21		99-101	2	2	100	gravel with trace sand	Cape May
22		101-105.5	4.5	2.4	53	pebbly medium sand	Cape May
23		105.5-111	5.5	0.1	2	gravel trace med sand	Cape May
24	5-Jun-93	111-116	5	2.8	56	med-coarse sand w/pebbles	Cape May
25		116-119.5	3.5	2.7	77	pebbles in coarse sand matrix	Cape May
26		119.5-126	6.5	3.1	48	pebbly med sand fining down	Cape May
27		126-131	5	2.3	46	gravel over sandy pebbly clay	Cape May
28		131-135	4	3.7	93	sandy clay/silt w/gravel	Cape May
29		135-141	6	4	67	uniform med-fine sand	Cape May
30		141-151	10	5	50	gray sandy clay w/gravel	Cape May
31		151-153	2	1.1	55	grey clay over yellow sand	Cape May
32		153-161	8	1.5	19	yellow clayey sand w/gravel	Cape May
33		161-171	10	10	100	uniform med sand, laminated	Cape May
34	6-Jun-93	171-181	10	10	100	uniform med sand, laminated	Cohansey
35		181-191	10	9.4	94	med-crs sand, some layering	Cohansey
36		191-191	0	0	0		Cohansey
37		191-199.5	8.5	3.2	38	clay plug over sand and silt	Cohansey

Table 150X Atlantic City

run #	Date	Cored Interval (ft)	Run length (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
38		199.5-200.5	1	1.7	170	uniform yellow med sand	Cohansey
39		200.5-211	10.5	1	10	clay plug over yellow sand	Cohansey
40		211-221	10	7.2	72	med sand over dark gray clay	Cohansey/ Kirkwood
41		221-231	10	6.3	63	slightly sandy clay	Kirkwood
42		231-241	10	8.9	89	dark clay with sand layers	Kirkwood
43		241-246	5	3.4	68	interbedded sand and clay	Kirkwood
44		246-247	1	1.8	180	interbedded sand and clay	Kirkwood
45		247-251	4	1.7	43	crs sand grading to med sand	Kirkwood
46		251-261	10	2.3	23	medium to coarse sand	Kirkwood
47	7-Jun-93	261-271	10	6.2	62	medium to coarse sand	Kirkwood
48		271-281	10	7.7	77	coarse sand with lignite	Kirkwood
49		281-283	2	1.6	80	medium sand	Kirkwood
50		283-291	8	1	13	medium to coarse sand	Kirkwood
51	14-Jun-93	291-293	2	1.7	85	quartz sand, lignite	Kirkwood
52	19-Jun-93	390-392	2	1	50	d.green, fine sand to silt	Kirkwood
53		392-398	6	4.7	78	d.green, f.sand/silt w/shells	Kirkwood
54		398-401	3	2.4	80	d.green fsand/silt, lam, shells	Kirkwood
55	20-Jun-93	401-408	7	7	100	d.green fsand/silt, lam, shells	Kirkwood
56		408-418	10	9	90	d.green silty clay, lam, shells	Kirkwood
57		418-428	10	10	100	d.green silty clay, lam, shells	Kirkwood
58	21-Jun-93	428-438	10	9.6	96	dark green silt and clay, thinly laminated, shell fragments ththroughout	Kirkwood
59		438-448	10	9.9	99	dark green silt and clay, thinly laminated, shell fragments ththroughout	Kirkwood
60		448-458	10	10	100	dark green silt and clay, thinly laminated, shell fragments ththroughout	Kirkwood
61		458-468	10	9.55	96	Dk grn clay, w/ a pebble bed	Kirkwood
62		468-478	10	8.8	88	dark green silt and clay	Kirkwood
63		478-488	10	6.6	66	dark green silt and clay	Kirkwood
64	22-Jun-93	488-498	10	10.3	103	dark green silt and clay	Kirkwood
65		498-508	10	9.8	98	dark green silt and clay	Kirkwood
66		508-518	10	3.2	32	dark green silt and clay	Kirkwood
67		518-523	5	3.2	64	coarse to medium sand	Kirkwood
68		523-528	5	4	80	silty mud	Kirkwood
69		528-538	10	4.2	42	interbedded sand and clay	Kirkwood
70		538-548	10	3	30	interbedded sand and clay	Kirkwood
71		548-558	10	10.6	106	interbedded sand and clay	Kirkwood

Table 150X Atlantic City

run #	Date	Cored Interval (ft)	Run length (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
72		558-568	10	10.1	101	interbedded sand and clay	Kirkwood
73		568-578	10	10.3	103	interbedded sand and clay	Kirkwood
74		578-588	10	9.7	97	interbedded sand and clay	Kirkwood
75	23-Jun-93	588-598	10	10.6	106	laminated clay silt/vf sand	Kirkwood
76		598-608	10	10	100	laminated clay silt/vf sand	Kirkwood
77		608-618	10	10.6	106	laminated clay silt/vf sand	Kirkwood
78		618-628	10	10	100	laminated clay silt/vf sand	Kirkwood
79		628-638	10	10.5	105	laminated clay-silt	Kirkwood
80		638-648	10	10.3	103	laminated silty clay & fine sand	Kirkwood
81	24-Jun-93	648-658	10	9.35	94	laminated silty clay & fine sand with shell.	Kirkwood
82		658-668	10	10.5	105	silty clay & clayey sands, pebbles	Kirkwood
83		668-678	10	9.7	97	clayey fine sand & medium sand	Kirkwood
84		678-679	1	0.5	50	clayey pebbly coarse sand	Kirkwood
85		679-688	9	4.4	49	clayey sand altered by clay layers	Kirkwood
86		688-696	8	9	113	burrowed sandy clay and clayey sand with lignites.	Kirkwood
87		696-706.5	10.5	10.5	100	bioturbated fine sand, silt and clay.	Kirkwood
88		706.5-717	10.5	9.6	91	clayey fine-med, sand with lignite and coarse sand layers.	Kirkwood
89		717-728	11	8.5	77	med, clayey sand, shells.	Kirkwood
90		728-738	10	8.3	83	medium clayey sands, clay at bottom	Kirkwood
91	25-Jun-93	738-741	3	1.9	63	firm silty clay and medium sand	Kirkwood
92		741-748	7	5.2	74	medium-coarse uniform sand, organic very rich at top	Kirkwood
93		748-752	4	1.85	46	medium-coarse uniform sand	Kirkwood
94		752-758	6	5.6	93	medium-coarse uniform sand	Kirkwood
95		758-768	10	0.4	4	medium-coarse uniform sand	Kirkwood
96		768-769	1	1	100	medium-coarse uniform sand	Kirkwood
97	26-Jun-93	769-778	9	9	100	f. sand, laminated, gray	Kirkwood
98		778-788	10	4	40	interbedded f. sands and clay	Kirkwood
99		788-790	2	1.9	95	med-fine grey sand	Kirkwood
100		790-798	8	7.8	98	grey med to fine sand	Kirkwood
101		798-808	10	4.5	45	grey lam fine sand	Kirkwood
102		808-818	10	7.8	78	thin lams of clay and sand, dark	Kirkwood
103	27-Jun-93	818-828	10	6.8	68	dark gray clay, hard, dry stiff	Kirkwood
104		828-838	10	9.3	93	dark gray clay, stiff, laminated	Kirkwood
105	28-Jun-93	838-848	10	9	90	stiff gray laminated clay, dry	Kirkwood
106		848-858	10	8.75	88	stiff gray laminated clay, dry	Kirkwood

Table 150X Atlantic City

run #	Date	Cored Interval (ft)	Run length (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
107	29-Jun-93	858-863	5	5	100	stiff gray laminated clay, dry	Kirkwood
108		863-868	5	4.2	84	stiff gray laminated clay, dry	Kirkwood
109		868-878	10	10.1	101	stiff gray laminated clay at top, olive gray clay at bottom	Kirkwood
110		878-888	10	7.7	77	changes from above to shelly glauconite sand	Kirkwood
111		888-898	10	0	0	cuttings suggest same as above	Kirkwood
112		898-900	2	0.5	25	top is same as above, bottom is very stiff glauconite clay	Kirkwood
113	30-Jun-93	900-901	1	0.9	90	very stiff glauconite sand	Kirkwood
114		901-908	7	1.3	19	glauconite med. sand	Kirkwood
115		908-918	10	9.6	96	medium. glauconite sand, weathered shells in top, fresh shell in middle.	Kirkwood
116		918-923	5	5.6	112	fossiliferous med. glauconite sand, shellbed at 922,4-923.6'	Kirkwood
117		923-928	5	0	0	N/A	Kirkwood
118		928-933	5	0.2	4	hard glauconitic sand with weathered shells	Atlantic City
119		933-937	4	2.5	63	coarse glauconitic quartz sand	Atlantic City
120	1-Jul-93	937-938	1	0.9	90	coarse glauconitic quartz sand	Atlantic City
121		938-944	6	3.7	62	coarse glauconitic quartz sand	Atlantic City
122	8-Jul-93	944-948	4	0.01	0.25	green clayey glaucn. sand	Atlantic City
123		948-958	10	1.5	15	coarse clayey glauconi. sand	Atlantic City
124		958-968	10	0.2	2	coarse clayey glaucon. sand.	Atlantic City
125		968-978	10	9.1	91	Med.-coarse glaucon. sand	Atlantic City
126		978-988	10	2.1	21	Med.-coarse glaucon. sand	Atlantic City
127		988-998	10	1.1	11	Med.-coarse glaucon. sand	Atlantic City
128		998-1000	2	2	100	Med.-coarse glaucon. sand	Atlantic City
129		1000-1001	1	1	100	Med.-coarse glaucon. sand	Atlantic City
	16-Jul-93	1001-1013	12	0	0	unknown	Atlantic City
130	19-Jul-93	1013-1020	7	4.75	68	unknown	Atlantic City
131		1020-1022	2	0	0	unknown	Sewell Point
132		1022-1026	4	0	0	unknown	Sewell Point
133		1026-1030	4	0	0	unknown	Sewell Point
134		1030-1040	10	0	0	unknown	Sewell Point
135		1040-1045	5	0	0	unknown	Sewell Point
		1045-1053	8	0	0	unknown	Sewell Point
136	20-Jul-93	1053-1059	6	5.1	85	glauconite sand	Sewell Point
137	21-Jul-93	1059-1069	10	3.2	32	glauconite sand	Sewell Point
138		1069-1074	5	6.5	130	glauconitic, sandy clay	Sewell Point

Table 150X Atlantic City

run #	Date	Cored Interval (ft)	Run length (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
139		1074-1079	5	4.1	82	glauconitic, sandy clay	Sewell Point
140		1079-1085	6	6.85	109	glauconitic clay-silt w/vf-f sand	Sewell Point
141		1085-1089	4	3	75	glauconitic clay-silt w/vf-f sand	Sewell Point
142		1089-1099	10	6.6	66	silty glauconitic quartz sand	Sewell Point
143		1099-1110	11	10.4	95	glauconitic clayey sand	Sewell Point
144		1110-1120	10	10.2	102	glauconitic clayey sand in upper 1.2', silty clay downward	Sewell Point
145		1120-1130	10	10.4	104	fossiliferous silty clay in upper 5.8' , glauconitic clayey sand downward, burrowed.	Sewell Point
146		1130-1140	10	9	90	glauconitic clayey sand in upper 2.2', silty clay in lower 6.8', sandier downward	Sewell Point
147		1140-1146	6	5.2	87	glauconite clayey sand, burrowed, few microfossils	Sewell Point
148	22-Jul-93	1146-1150	4	3.7	93	glauconite clayey sand, burrowed, few microfossils	Sewell Point
149		1150-1160	10	9.2	92	glauconite clayey sand, burrowed, few microfossils	Sewell Point
150		1160-1170.3	10.3	7.8	76	glauconite clayey sand, burrowed, few microfossils	Sewell Point
151		1170.3-1176	5.7	2.8	49	glauconite clayey sand, burrowed, few microfossils	Sewell Point
152		1176-1186	10	8.7	87	upper 5.2' glauconite clayey sand; lower 2.5' laminated clay, burrowed, visible microfossils	Absecon Inlet
153		1186-1196	10	4.3	43	firm laminated silty clay 7 clayey silt, burrowed, visible forams and pyrite chunks.	Absecon Inlet
154		1196-1206	10	10	100	same as above	Absecon Inlet
155		1206-1216	10	10.4	104	same as above	Absecon Inlet
156		1216-1226	10	10	100	same as above, glauconite sand increases to 5-10% below 1222.5'.	Absecon Inlet
157	23-Jul-93	1226-1236	10	5	50	firm laminated silty clay/clayey silt, burrowed, with shells & forams.	Absecon Inlet
158		1236-1246	10	10	100	firm laminated silty clay/clayey silt, burrowed with shells & forams.	Absecon Inlet
159		1246-1256	10	10.6	106	firm laminated silty clay/clayey	Absecon Inlet
160		1256-1271	15	15.5	103	firm laminated silty clay/clayey	Absecon Inlet
161		1271-1276	5	5.9	119	firm laminated silty clay etc.	Absecon Inlet
162		1276-1286	10	10.3	103	firm laminated silty clay etc.	Absecon Inlet
163		1286-1292	6	5	83	firm laminated silts and clays	Absecon Inlet

Table 150X Atlantic City

run #	Date	Cored Interval (ft)	Run length (ft)	Recovery (ft)	% rec.	Primary lithology	Formation
164		1292-1294	2	1.6	80	firm laminated silts and clays	Absecon Inlet
165		1294-1304	10	9.4	94	firm laminated silts and clays etc.	Absecon Inlet
166		1304-1310	6	6	100	firm laminated silts and clays etc.	Absecon Inlet
167		1310-1316	6	6.2	103	firm laminated silts and clays etc	Absecon Inlet
168	24-Jul-93	1316-1326	10	9	90	firm laminated silts and clays etc.	Absecon Inlet
169		1326-1334	8	7.5	94	firm laminated silts and clays etc.	Absecon Inlet
170		1334-1342	8	8	100	firm and highly burrowed silty clay, color change to greenish gray at 1335 ft	Absecon Inlet
171		1342-1346	4	4	100	firm, burrowed silty clay, green	Shark River
172		1346-1356	16.5	9.9	99	firm, green, glauconitic silty clay	Shark River
173		1356-1362.5	7.5	6.5	100	Bioturbated & laminated massive silty clay with glauconite & abundant fossils	Shark River
174	25-Jul-93	1362.5-1370	8	4.5	60	Bioturbated & laminated massive silty clay with abundant fossils	Shark River
175		1370-1378	5	7.5	94	Bioturbated & laminated massive silty clay with abundant fossils	Shark River
176		1378-1383	7	2	40	Bioturbated & laminated massive silty clay with abundant fossils	Shark River
177		1383-1390	10	5.3	76	Bioturbated & laminated massive silty clay with abundant fossils	Shark River
178		1390-1400	10	10	100	Bioturbated & laminated massive silty clay with abundant fossils	Shark River
179		1400-1410	10	9.5	95	Bioturbated & laminated massive silty clay with abundant fossils	Shark River
180		1410-1420	10	10	100	fine sandy clay with glauconite with fossils	Shark River
181	26-Jul-93	1420-1430	10	5.5	55	fine sandy clay with glauconite with fossils	Shark River
182		1430-1440	10	10	100	chalky glauconite sand in upper 1.1, change to silty chalk with abund. microfossils.	Shark River
183		1440-1450	10	7.3	73	silty chalk with abundant microfossils	Shark River