Kominz DR2001027

2001027

TABLE DR1. INPUT DATA FOR BACKSTRIPPING: AGE, THICKNESS, AND LITHOLOGY

Formation/ sequence	Age (Ma)	Depth (ft)	Depth (m)	Thickness (m)	Grain density of lithology (% lithology)					
					Clay	Siltstone	Sandstone	Calcarenite	Glauconite	Mica
					2.72	2.65	2.65	2.71	2.55	2.71
ACGS#6										
Underlying		621.1	189.3	189.3	65.0	27.9	5.9	0.4	0.7	0.1
Eocene	34.2									
ML	33.5	615.1	187.5	0.2	51.5	22.1	23.3	0.0	2.6	0.5
ML		614.5	187.3	0.3	10.2	4.4	1.7	0.0	83.7	0.0
ML		613.5	187.0	1.1	56.0	24.0	10.0	0.4	9.0	0.6
ML		610.0	185.9	1.3	59.5	25.5	9.3	0.5	4.5	0.8
ML		605.7	184.6	1.1	55.3	23.7	15.8	1.1	3.2	1.1
ML		602.1	183.5	1.9	53.2	22.8	14.4	2.4	3.6	3.6
ML		596.0	181.7	1.3	59.5	25.5	10.2	0.5	3.0	2.3
ML		591.7	180.4	3.6	52.5	22.5	15.0	1.3	5.0	3.8
ML		580.0	176.8	1.8	45.5	19.5	28.7	1.1	1.8	3.5
ML		574.0	175.0	0.7	25.1	10.8	54.5	1.3	6.4	1.9
ML		571.6	174.2	2.2	32.9	14.1	45.0	2.6	3.7	1.6
ML	33.2	564.3	172.0							
O1	32.8	564.2	172.0	1.9	13.9	6.0	76.1	4.0	0.0	0.0
O1		558.0	170.1	4.9	21.0	9.0	49.0	7.0	14.0	0.0
O1		542.0	165.2	7.6	21.0	9.0	66.6	3.5	0.0	0.0
O1		517.0	157.6	2.1	5.4	2.3	72.0	18.5	1.8	0.0
O1		510.0	155.4	7.6	5.5	2.4	76.4	13.8	1.8	0.0
O1	32.1	485.0	147.8	0.0	5.4	2.3	0.0	0.0	0.0	0.0
	19.8	484.9	147.8	0.3	5.5	2.4	0.0	0.0	0.0	0.0
Overlying		483.9	147.5	147.5	0.0	0.0	0.0	0.0	0.0	0.0
Bass River										
Patomac	118			421.8	0.0	0.0	0.0	0.0	0.0	0.0
BRu										
Bass River	91.5	1956.5	596.3	21.8	77.6	19.4	0.0	1.0	0.0	2.0
Bass River		1885.0	574.5	14.0	66.4	16.6	4.0	4.0	0.0	9.0
Bass River		1839.0	560.5	7.3	78.4	19.6	0.0	1.0	0.0	1.0
Bass River		1815.0	553.2	2.6	46.4	11.6	37.0	0.0	0.0	5.0
Bass River	90	1806.4	550.6							
Mau	88	1806.4	550.6	8.0	68.8	17.2	10.0	0.0	0.0	4.0
Magothy		1780.0	542.5	6.1	26.4	6.6	54.0	0.0	0.0	13.0
Magothy		1760.0	536.4	4.6	18.4	4.6	77.0	0.0	0.0	0.0
Magothy		1745.0	531.9	11.0	45.6	11.4	43.0	0.0	0.0	0.0
Magothy	87	1709.0	520.9							
Cheesequake	85	1709.0	520.9	7.9	28.0	7.0	39.0	0.0	26.0	0.0
Cheesequake	84.5	1683.2	513.0							
LEWMu	84	1683.2	513.0	4.0	35.2	8.8	3.0	0.0	53.0	0.0
Woodbury		1670.0	509.0	4.6	66.4	16.6	0.0	15.0	2.0	0.0
Woodbury		1655.0	504.4	25.9	75.2	18.8	1.0	5.0	0.0	0.0
Woodbury		1570.0	478.5	10.7	70.4	17.6	9.0	0.0	1.0	2.0
Woodbury		1535.0	467.9	19.0	41.6	10.4	41.0	0.0	0.0	7.0
Woodbury	78	1472.6	448.8							
UEu	77.3	1472.6	448.8	3.8	26.4	6.6	27.0	0.0	40.0	0.0
Englishtown		1460.0	445.0	5.9	36.0	9.0	53.0	0.0	2.0	0.0
Englishtown	76.75	1440.5	439.1							
Wu	76	1440.5	439.1	3.2	29.6	7.4	6.0	3.0	54.0	0.0
Wenonah		1430.0	435.9	3.0	52.8	13.2	19.0	1.0	14.0	0.0
Wenonah		1420.0	432.8	25.9	32.0	8.0	51.0	0.0	9.0	0.0
Wenonah		1335.0	406.9	12.3	23.2	5.8	46.0	0.0	25.0	0.0
Wenonah	74	1294.5	394.6							
Neu	67.5	1294.5	394.6	5.9	36.8	9.2	0.0	27.0	27.0	0.0
NewEgypt		1275.0	388.6	5.0	56.8	14.2	1.0	3.0	25.0	0.0
NewEgypt	64.7	1258.7	383.7							
Pa1u	62.9	1258.7	383.7	0.7	28.0	7.0	25.0	6.0	34.0	0.0
Pa1	61.3	1256.5	383.0							
Pa2u	59.5	1256.5	383.0	3.5	30.4	7.6	29.0	2.0	31.0	0.0
Pa2a		1245.0	379.5	1.2	52.8	13.2	20.0	1.0	13.0	0.0
Pa2b	57.3	1241.0	378.3							
Pa3u	56.5	1241.0	378.3	4.9	57.6	14.4	11.0	10.0	7.0	0.0
Pa3a		1225.0	373.4	6.1	77.6	19.4	1.0	1.0	1.0	0.0
Pa3b		1205.0	367.3	10.7	72.0	18.0	5.0	0.0	5.0	0.0
Pa3c		1170.0	356.6	9.4	79.2	19.8	0.0	1.0	0.0	0.0
Pa3d	55.4	1139.0	347.2							
E1u	54.1	1139.0	347.2	1.2	53.6	13.4	0.0	10.0	23.0	0.0
E1	54	1135.0	345.9							
E2u	53.4	1135.0	345.9	8.2	72.0	18.0	1.0	9.0	0.0	0.0
E2	52.9	1108.0	337.7							
E3u	52.3	1108.0	337.7	28.0	64.0	16.0	6.0	14.0	0.0	0.0
E3	50.9	1016.0	309.7							
E4u	49.9	1016.0	309.7	17.1	73.6	18.4	6.0	2.0	0.0	0.0
E4	49.6	960.0	292.6							
E5u	48.6	960.0	292.6	1.5	70.4	17.6	1.0	9.0	1.0	1.0
E5	48.3	955.0	291.1							
E6u	47.9	955.0	291.1	7.0	68.0	17.0	4.0	4.0	7.0	0.0
E6	47	932.0	284.1							
E7u	44.5	932.0	284.1	5.2	72.0	18.0	0.5	9.0	0.5	0.0
E7		915.0	278.9	8.8	54.4	13.6	1.0	30.0	1.0	0.0

TABLE DR1. (*Continued.*)

Formation/ sequence	Age (Ma)	Depth (ft)	Depth (m)	Thickness (m)	Grain density of lithology (% lithology)					
					Clay	Siltstone	Sandstone	Calcarenite	Glauconite	Mica
E7	43.4	886.0	270.1							
E8u	41.2	886.0	270.1	6.7	57.6	14.4	6.0	17.0	5.0	0.0
E8	40.5	864.0	263.3							
E9u	37	864.0	263.3	5.2	39.2	9.8	10.0	3.0	38.0	0.0
E9	36.5	847.0	258.2							
E10u	35.7	847.0	258.2	23.5	69.6	17.4	3.0	0.0	10.0	0.0
E10		770.0	234.7	3.0	40.0	10.0	5.0	0.0	45.0	0.0
E10		760.0	231.6	22.9	58.4	14.6	8.0	0.0	19.0	0.0
E10	34.8	684.5	208.6							
E11u	34	684.5	208.6	3.0	78.4	19.6	2.0	0.0	0.0	0.0
e11	33.8	675.5	205.9	1.2	19.6	78.4	2.0	0.0	0.0	0.0
e11	33.8	675.0	205.7	0.2	96.0	2.0	2.0	0.0	0.0	0.0
O1u	32.7	675.0	205.7							
O1	32.6	670.0	204.2	1.5	10.0	10.0	16.0	0.0	64.0	0.0
O1		635.0	193.5	10.7	15.0	15.0	25.0	0.0	45.0	0.0
O1		625.0	190.5	3.0	15.0	15.0	25.0	0.0	45.0	0.0
O1		620.0	189.0	1.5	20.0	5.0	71.0	2.0	0.0	2.0
O1		610.0	185.9	3.0	20.0	5.0	71.0	2.0	0.0	2.0
O1		605.0	184.4	1.5	20.0	5.0	71.0	2.0	0.0	2.0
O1		595.0	181.4	3.0	20.0	5.0	71.0	2.0	0.0	2.0
O1		590.0	179.8	1.5	20.0	5.0	71.0	2.0	0.0	2.0
O1		580.0	176.8	3.0	20.0	5.0	71.0	2.0	0.0	2.0
O1	32.1	555.0	169.2	7.6	20.0	5.0	71.0	2.0	0.0	2.0
Kw1au	21	555.0	169.2							
Kw1a		545.0	166.1	3.0	6.0	24.0	70.0	0.0	0.0	0.0
Kw1a		520.0	158.5	7.6	9.0	36.0	55.0	0.0	0.0	0.0
Kw1a		485.0	147.8	10.7	19.0	76.0	5.0	0.0	0.0	0.0
Kw1a	20.25	383.0	116.7	31.1	5.0	20.0	75.0	0.0	0.0	0.0
Kw1bu	20.2	383.0	116.7							
Kw1b	19.8	329.0	100.3	16.5	8.0	32.0	60.0	0.0	0.0	0.0
Miocene	17.5	329.0	100.3							
Overlying	0.011	0.0	0.0	100.3	10.0	40.0	50.0	0.0	0.0	0.0
Island Beach										
Underlying				931.0						
Eocene	34.9	710.0	216.4	0.6	62.3	26.7	11.0	0.0	0.0	0.0
		708.0	215.8	1.5						
E11	34.1	703.0	214.3	0.3	37.1	15.9	46.8	0.0	0.0	0.2
E11		702.0	214.0	0.6	29.4	12.6	57.7	0.0	0.0	0.3
E11		700.0	213.4	0.6	66.5	28.5	5.0	0.0	0.0	0.0
E11	33.8	698.0	212.8	0.3	65.1	27.9	7.5	0.0	0.0	0.0
		697.0	212.4	0.0						
Eocene		697.0	212.4	0.3						
O1	32.7	696.0	212.1	4.6	19.3	8.3	14.5	0.7	57.2	0.0
O1		681.0	207.6	0.6	32.3	13.8	39.9	0.5	12.9	0.5
O1	32.5	679.0	207.0	0.3	32.3	13.8	39.9	0.5	12.9	0.5
O2	31.3	678.0	206.7	4.9						
O2		662.0	201.8	1.2	28.3	12.1	7.2	0.0	52.5	0.0
O2		658.0	200.6	1.5	25.7	11.0	12.7	0.0	47.5	3.2
O2		653.0	199.0	4.3	17.3	7.4	22.6	0.0	52.7	0.0
O2		639.0	194.8	2.4	16.4	7.0	19.1	0.0	57.4	0.0
O2		631.0	192.3	2.4	26.3	11.3	8.7	0.0	53.7	0.0
O2		623.0	189.9	1.5	17.3	7.4	4.5	0.0	67.7	3.0
O2		618.0	188.4	6.7	27.0	11.6	6.1	0.0	55.3	0.0
O2		596.0	181.7	2.4	28.0	12.0	6.0	0.0	54.0	0.0
O2		588.0	179.2	3.0	18.7	8.0	11.7	0.0	61.6	0.0
O2		578.0	176.2	2.1	25.3	10.8	6.4	0.0	57.5	0.0
O2		571.0	174.0	1.8	33.7	14.4	5.2	0.0	46.7	0.0
O2		565.0	172.2	2.7	21.9	9.4	4.1	0.0	64.5	0.0
O2		556.0	169.5	2.4	12.3	5.3	4.1	0.0	78.3	0.0
O2		548.0	167.0	1.8	24.4	10.5	6.5	0.0	58.6	0.0
O2		542.0	165.2	2.4	20.9	9.0	8.4	0.0	61.7	0.0
O2		534.0	162.8	1.5	17.5	7.5	7.5	0.0	67.4	0.0
O2		529.0	161.2	1.2	30.6	13.1	8.4	0.0	47.8	0.0
O2	30.4	525.0	160.0	0.3						
O6	24.3	524.0	159.7	0.3	12.7	5.4	16.4	2.5	63.1	0.0
O6		523.0	159.4	1.8						
O6		517.0	157.6	2.4	25.6	11.0	6.3	0.0	57.1	0.0
O6		509.0	155.1	1.2	25.4	10.9	6.4	0.0	57.4	0.0
O6	24.1	505.0	153.9	0.9						
Miocene		502.0	153.0	0.0	50.6	21.7	25.7	0.6	1.4	0.0
Overlying				153.0						
AMCOR 6011										
Underlying				1037.6						
O2b	29.4	849.8	259.0	259.0	50.4	21.6	18.2	0.0	7.0	2.8
O3	28.7	839.9	256.0	3.0	50.3	21.6	12.6	2.8	11.2	1.4
O3	28.6	830.1	253.0	3.0	49.4	21.2	13.2	2.9	11.7	1.5
O4	27.9	820.3	250.0	3.0	25.7	11.0	20.3	5.1	38.0	0.0
O4		794.0	242.0	8.0	0.9	0.4	69.1	14.8	14.8	0.0
O4	27.7	790.7	241.0	1.0	3.4	1.5	47.6	9.5	38.1	0.0

TABLE DR1. (*Continued.*)

Formation/ sequence	Age (Ma)	Depth (ft)	Depth (m)	Thickness (m)	Grain density of lithology (% lithology)					
					Clay	Siltstone	Sandstone	Calcarenite	Glauconite	Mica
O4		757.9	231.0	10.0	2.7	1.2	52.9	4.8	38.5	0.0
O4	27.2	728.4	222.0	9.0	3.5	1.5	63.7	2.9	28.5	0.0
Miocene	19.8	695.6	212.0	10.0	10.1	4.3	47.1	4.3	34.2	0.0
Overlying	0.1	0.0	0.0	212.0						
Jobs Point										
Underlying				1037.6						
Eocene		1002.0	305.4	10.0	49.9	0.0	45.1	0.0	5.0	0.0
Eocene		969.2	295.4	0.0						
O2b	29.2	969.2	295.4	8.2	20.0	5.0	67.5	0.0	7.5	0.0
O3	28.7	942.2	287.2	0.0						
O4	27.9	942.1	287.2	24.1	20.0	5.0	67.5	0.0	7.5	0.0
O4	27.5	863.1	263.1	0.0						
O5	27	863.1	263.1	7.9	27.0	8.0	58.5	0.0	6.5	0.0
O5	26.8	837.1	255.1	16.5	27.0	8.0	58.5	0.0	6.5	0.0
O5	25.9	783.1	238.7	0.0						
Overlying		783.1	238.7	238.7						
Great Bay										
Underlying				306.3						
O4	27.5	1005.0	306.3	0.0	67.9	29.1	1.9	0.0	0.4	0.6
O4		985.0	300.2	6.1	61.7	26.4	4.4	0.0	7.1	0.4
O4	27.1	965.0	294.1	6.1	30.1	12.9	12.5	0.0	45.6	0.0
O5		945.0	288.0	6.1	46.6	20.0	17.7	0.0	13.0	2.7
O5		925.0	281.9	6.1	34.4	14.8	30.5	0.0	18.8	1.5
O5	26.8	905.0	275.8	6.1	42.8	18.3	23.4	0.0	15.6	0.0
O5		865.0	263.7	12.2	23.7	10.1	53.0	0.0	9.9	3.3
O5	26.6	845.0	257.6	6.1	24.5	10.5	42.3	0.0	6.5	16.3
O5	26.5	825.0	251.5	6.1	25.6	11.0	24.1	0.0	39.3	0.0
Miocene	23.3	805.0	245.4	6.1	21.7	9.3	4.8	0.0	64.1	0.0
Overlying	0.1	0.0	0.0	245.4						
Site 1073										
Underlying	31	40253	12269	11624						
O2	31									
O2	30	2116.9	645.2	9	30	30	40	0.0	0.0	0.0
O6	27									
O6	26	2114.2	644.4	9	30	30	40	0.0	0.0	0.0
Overlying	0.1	2084.6	635.4	635.4						
Site 906										
Underlying	28.9	39817	12136	11602						
O2	28.9									
O2	28	1753	534	25	5	65	30	0.0	0.0	0.0
O4	27.3									
O4	27	1745.4	532.0	55	5	65	30	0.0	0.0	0.0
Overlying	0.1	1565	477	477						
Site 903										
Underlying	27.9	41425	12626	11593						
O4	27.9									
O4	27.1	3389.9	1033.2	35	70	30	0	0.0	0.0	0.0
O5	27									
O5	26.5	3379.3	1030.0	20	70	30	0	0.0	0.0	0.0
Overlying	0.1	3313.6	1010.0	1010						
Site 902										
underlying	29	39317	11984	11624						
O4	29									
O4	28	1180.6	359.8	20	75	20	5	0.0	0.0	0.0
O5	27.4									
O5	25.8	1174.5	358.0	50	75	20	5	0.0	0.0	0.0
Overlying	0.1	1010.5	308.0	308						

Note: Ages not given were interpolated based on decompacted sediment thickness. Data is in order of wells in cross section (Fig. 1). Only new data is given.

TABLE DR2. PROFILES CALCULATED WITH HIGH POROSITY CURVES

Sequence	Age	Depth at borehole (m)							
	(Ma)	ACGS#4	Bass R.	Is. Beach	AMCOR	Jobs Pt.	Great Bay	At. City	Cape May
E11	34.2	−35.0	−39.0	−49.0	−65.0	−67.0	−71.0	−83.0	−99.0
ML	33.5	−35.0	−39.0	−49.0	−65.0	−67.0	−71.0	−83.0	−99.0
ML	33.4	−32.2	−39.6	−49.5	−65.6	−67.2	−71.1	−83.3	−99.4
ML	33.1	−25.9	−41.8	−51.7	−67.5	−69.0	−72.8	−84.9	−100.8
O1	32.9	−26.7	−41.7	−51.8	−67.5	−69.4	−73.3	−85.1	−100.8
O1	32.7	−26.7	−41.2	−51.8	−67.5	−69.4	−73.3	−85.1	−100.9
O1	32.6	−25.5	−41.3	−50.6	−67.9	−69.6	−73.4	−85.3	−101.1
O1	32.5	−23.1	−37.4	−49.8	−68.8	−70.1	−73.9	−85.9	−101.7
O1	32.4	−21.3	−33.6	−50.8	−69.7	−71.0	−74.7	−86.7	−102.3
O1	32.3	−19.6	−29.8	−51.8	−70.6	−71.9	−75.5	−87.4	−103.0
O1	32.2	−17.8	−26.1	−53.0	−71.7	−72.8	−76.4	−88.3	−103.0
O1	32.1	−16.2	−22.6	−54.1	−72.8	−73.9	−77.4	−89.3	−103.1
O1	32.0	−17.4	−22.9	−54.5	−72.9	−74.5	−78.2	−89.8	−102.6
O2	31.6	−17.6	−22.9	−54.5	−72.9	−74.6	−78.4	−89.8	−102.6
O2	31.3	−17.6	−23.0	−53.9	−73.0	−74.7	−78.5	−88.2	−102.3
O2	31.1	−17.7	−23.1	−52.4	−73.2	−74.9	−78.6	−87.2	−102.2
O2	30.9	−18.0	−23.4	−45.7	−73.1	−75.0	−78.9	−87.5	−101.5
O2	30.4	−18.7	−24.2	−28.5	−71.5	−75.0	−79.8	−88.4	−99.6
O2	30.1	−19.0	−24.5	−28.8	−70.4	−74.8	−80.1	−88.8	−98.2
O2b	29.4	−19.1	−24.5	−28.8	−67.0	−73.6	−80.2	−88.8	−98.3
O2b	29.3	−19.1	−24.5	−28.8	−65.2	−73.5	−80.2	−88.9	−98.3
O2b	29.1	−19.2	−24.5	−28.8	−65.2	−73.2	−80.2	−88.9	−98.3
O2b	29.0	−19.2	−24.5	−28.8	−65.1	−70.1	−80.2	−88.9	−98.3
O3	28.9	−19.2	−24.5	−28.8	−65.1	−70.1	−80.2	−88.9	−98.3
O3	28.7	−19.2	−24.6	−28.9	−62.4	−70.2	−80.3	−85.8	−98.4
O3	28.6	−19.3	−24.6	−28.9	−61.6	−70.2	−80.4	−85.4	−98.4
O3	28.5	−19.3	−24.6	−28.9	−61.0	−70.2	−80.4	−84.9	−98.4
O3	28.3	−19.4	−24.9	−29.2	−61.4	−70.5	−79.5	−84.2	−96.9
O4	27.9	−19.6	−25.0	−29.4	−61.6	−70.6	−77.4	−84.5	−97.2
O3	27.8	−19.7	−25.2	−29.6	−60.7	−70.0	−77.1	−84.8	−97.5
O4	27.7	−19.9	−25.4	−29.8	−59.9	−69.3	−76.8	−85.1	−97.9
O4	27.5	−20.3	−25.9	−30.3	−58.2	−68.1	−76.3	−82.4	−98.6
O4	27.4	−20.6	−26.1	−30.5	−57.4	−67.6	−76.1	−81.0	−99.0
O4	27.3	−20.8	−26.4	−30.9	−52.4	−63.4	−75.8	−78.7	−99.5
O4	27.2	−21.1	−26.8	−31.3	−47.3	−59.2	−73.0	−76.5	−100.0
O4	27.1	−21.5	−27.2	−31.7	−42.2	−55.0	−70.2	−74.2	−100.6
O5	27.0	−21.9	−27.2	−31.8	−42.2	−55.3	−70.6	−74.4	−100.7
O5	26.9	−21.9	−27.3	−31.8	−42.3	−55.3	−68.2	−74.4	−100.7
O5	26.8	−21.9	−27.4	−32.0	−42.5	−51.8	−66.0	−74.6	−99.9
O5	26.7	−22.1	−27.6	−32.2	−42.7	−49.8	−62.4	−74.9	−100.2
O5	26.6	−22.3	−27.9	−32.5	−43.1	−47.9	−57.5	−71.5	−100.6
O5	26.5	−22.6	−28.2	−32.8	−43.5	−46.0	−50.9	−68.1	−101.1
O5	26.4	−22.9	−28.6	−33.2	−43.9	−44.1	−44.3	−64.8	−101.6
O5	26.2	−23.5	−29.0	−33.6	−44.3	−44.6	−45.0	−60.4	−102.2
O5	25.8	−24.2	−29.7	−34.5	−45.3	−45.7	−46.0	−51.4	−103.5
O6	25.7	−24.4	−29.8	−34.5	−45.3	−45.8	−46.2	−51.5	−103.6
O6	25.5	−24.6	−30.1	−34.9	−45.8	−46.1	−46.5	−51.9	−101.2
O6	25.3	−25.0	−30.4	−35.2	−46.0	−46.5	−47.0	−52.3	−100.0
O6	25.1	−25.1	−30.4	−35.3	−46.1	−46.6	−47.0	−50.8	−99.8
O6	25.0	−25.1	−30.5	−35.3	−46.1	−46.6	−47.1	−50.8	−99.7
O6	24.9	−25.1	−30.5	−33.6	−46.2	−46.7	−47.1	−50.9	−99.7
O6	24.8	−25.2	−30.6	−32.0	−46.3	−46.7	−47.2	−50.9	−99.6
O6	24.6	−25.3	−30.9	−32.3	−46.7	−47.0	−47.4	−51.3	−96.8
O6	24.5	−25.6	−31.1	−32.6	−46.9	−47.3	−47.7	−51.6	−95.0
O6	24.4	−25.8	−31.5	−33.0	−47.5	−47.7	−48.0	−52.1	−91.4
O6	24.3	−26.2	−32.0	−33.6	−48.1	−48.3	−48.6	−52.7	−87.9
O6	24.2	−26.8	−32.6	−34.2	−48.8	−49.0	−49.3	−53.5	−84.5
O6	24.1	−27.4	−32.8	−34.5	−49.0	−49.5	−50.0	−53.9	−83.7
Kw0	23.8	−27.8	−33.2	−34.8	−49.3	−49.9	−50.5	−54.2	−81.9
Kw0	23.6	−28.0	−33.5	−35.2	−49.9	−50.4	−50.9	−54.3	−82.6

Notes: Bass R.—Bass River; Is. Beach—Island Beach; Jobs Pt.—Jobs Point; At. City—Atlantic City.

TABLE DR3. PROFILES CALCULATED WITH LOW POROSITY CURVES

Sequence	Age (Ma)	Depth at borehole (m)							
		ACGS#4	Bass R.	Is. Beach	AMCOR	Jobs Pt.	Great Bay	At. City	Cape May
E11	34.2	−35.0	−39.0	−49.0	−65.0	−67.0	−71.0	−83.0	−99.0
ML	33.5	−35.0	−39.0	−49.0	−65.0	−67.0	−71.0	−83.0	−99.0
ML	33.4	−32.1	−39.7	−49.7	−65.7	−67.3	−71.1	−83.4	−99.4
ML	33.1	−26.1	−42.4	−52.2	−68.0	−69.4	−73.2	−85.3	−101.1
O1	32.9	−27.1	−42.4	−52.4	−68.0	−69.9	−73.8	−85.6	−101.2
O1	32.7	−27.1	−41.8	−52.4	−68.0	−69.9	−73.8	−85.6	−101.2
O1	32.6	−25.7	−42.0	−50.8	−68.5	−70.1	−73.9	−85.8	−101.5
O1	32.5	−23.3	−37.9	−49.7	−69.6	−70.8	−74.5	−86.5	−102.3
O1	32.4	−21.4	−34.0	−50.9	−70.7	−71.8	−75.5	−87.5	−103.1
O1	32.3	−19.6	−30.2	−52.1	−71.8	−72.9	−76.5	−88.4	−103.9
O1	32.1	−16.1	−22.9	−54.9	−74.4	−75.3	−78.7	−90.6	−104.0
O1	32.0	−17.6	−23.3	−55.3	−74.5	−76.1	−79.8	−91.2	−103.5
O2	31.6	−17.7	−23.3	−55.3	−74.5	−76.2	−79.9	−91.3	−103.4
O2	31.3	−17.8	−23.4	−54.5	−74.7	−76.4	−80.0	−89.3	−103.1
O2	31.1	−17.9	−23.6	−52.6	−74.9	−76.5	−80.2	−88.0	−103.0
O2	30.9	−18.3	−24.0	−43.9	−74.9	−76.8	−80.6	−88.5	−102.1
O2	30.4	−19.5	−25.2	−21.7	−73.4	−77.1	−81.9	−89.9	−100.2
O2	30.1	−19.9	−25.6	−22.1	−72.1	−76.9	−82.4	−90.3	−98.7
O2b	29.4	−20.0	−25.6	−22.1	−68.2	−75.6	−82.5	−90.4	−98.7
O2b	29.3	−20.0	−25.6	−22.1	−66.0	−75.5	−82.6	−90.4	−98.7
O2b	29.1	−20.1	−25.6	−22.2	−66.0	−75.1	−82.6	−90.4	−98.7
O2b	29.0	−20.1	−25.6	−22.2	−66.0	−71.2	−82.6	−90.4	−98.7
O3	28.9	−20.1	−25.6	−22.2	−66.0	−71.2	−82.6	−90.4	−98.7
O3	28.7	−20.2	−25.8	−22.3	−62.8	−71.4	−82.7	−86.7	−98.9
O3	28.6	−20.2	−25.8	−22.3	−61.9	−71.4	−82.8	−86.2	−98.9
O3	28.5	−20.2	−25.8	−22.3	−61.2	−71.4	−82.8	−85.6	−98.9
O3	28.3	−20.4	−26.1	−22.7	−61.6	−71.7	−81.8	−84.7	−97.1
O4	27.9	−20.6	−26.3	−22.9	−61.9	−71.9	−79.4	−85.0	−97.4
O4	27.8	−20.8	−26.5	−23.1	−60.8	−71.1	−79.1	−85.3	−97.7
O4	27.7	−21.0	−26.7	−23.3	−59.6	−70.2	−78.7	−85.6	−98.1
O4	27.5	−21.4	−27.2	−23.8	−57.3	−68.6	−78.1	−82.3	−98.9
O4	27.4	−21.7	−27.4	−24.1	−56.1	−67.8	−77.8	−80.7	−99.3
O4	27.3	−21.9	−27.8	−24.5	−49.5	−62.6	−77.5	−77.8	−99.8
O4	27.2	−22.3	−28.3	−25.0	−42.9	−57.4	−74.5	−75.0	−100.5
O4	27.1	−22.8	−28.7	−25.5	−36.5	−52.2	−71.4	−72.2	−101.1
O5	27.0	−23.2	−28.8	−25.6	−36.5	−52.5	−71.8	−72.5	−101.2
O5	26.9	−23.2	−28.9	−25.6	−36.5	−52.6	−69.2	−72.5	−101.2
O5	26.8	−23.3	−29.1	−25.8	−36.8	−48.3	−66.4	−72.7	−100.3
O5	26.7	−23.5	−29.3	−26.1	−37.1	−45.9	−62.1	−73.0	−100.7
O5	26.6	−23.8	−29.6	−26.4	−37.5	−43.4	−56.2	−68.9	−101.1
O5	26.5	−24.1	−30.0	−26.8	−37.9	−41.0	−47.8	−64.8	−101.7
O5	26.4	−24.5	−30.4	−27.3	−38.4	−38.6	−39.7	−60.6	−102.2
O5	26.2	−25.1	−30.8	−27.8	−38.9	−39.3	−40.4	−54.9	−102.9
O5	25.8	−26.0	−31.7	−28.7	−40.0	−40.4	−41.6	−43.5	−104.3
O6	25.7	−26.2	−31.7	−28.7	−40.0	−40.6	−41.8	−43.6	−104.4
O6	25.5	−26.4	−32.2	−29.2	−40.5	−41.0	−42.1	−44.1	−101.7
O6	25.3	−26.9	−32.5	−29.5	−40.8	−41.5	−42.7	−44.6	−100.3
O6	25.1	−27.0	−32.6	−29.6	−40.9	−41.5	−42.8	−42.7	−100.1
O6	25.0	−27.0	−32.6	−29.6	−41.0	−41.6	−42.8	−42.7	−100.0
O6	24.9	−27.0	−32.7	−27.5	−41.1	−41.6	−42.9	−42.8	−99.9
O6	24.8	−27.1	−32.7	−25.4	−41.1	−41.7	−43.0	−42.9	−99.9
O6	24.6	−27.3	−33.2	−25.8	−41.7	−42.1	−43.3	−43.4	−97.3
O6	24.5	−27.6	−33.4	−26.2	−42.0	−42.5	−43.7	−43.8	−95.7
O6	24.4	−27.9	−34.0	−26.7	−42.8	−43.0	−44.1	−44.4	−92.3
O6	24.3	−28.5	−34.7	−27.5	−43.6	−43.8	−44.9	−45.3	−88.1
O6	24.2	−29.3	−35.5	−28.3	−44.5	−44.7	−45.8	−46.3	−83.9
O6	24.1	−30.1	−35.8	−28.7	−44.8	−45.4	−46.7	−46.9	−82.9
Kw0	23.8	−30.6	−36.2	−29.1	−45.3	−46.0	−47.4	−47.3	−80.7
Kw0	23.6	−30.9	−36.6	−29.6	−45.8	−46.4	−47.8	−47.3	−81.4

Notes: Bass R.—Bass River; Is. Beach—Island Beach; Jobs Pt.—Jobs Point; At. City—Atlantic City.

TABLE DR4. CONSTRAINTS ON R2 AND EUSTASY—HIGH POROSITY CURVES

Sequence	Approx. age (Ma)	Primary constraint on environment*			Correlative constraint on environment**					R2		Eustasy#
		Borehole†	Biofacies§	WD Range#	Borehole††	Biofacies§§	WD range Biofacies##	WD range Model***	WD range Result†††	Primary	With secondary	
E11	34.2	ACGS#4	Outer N.	−70						105.0	105.0	69.3
E11	34.2	ACGS#4	Outer N.	−100						135.0	135.0	89.2
E11	34.2	ACGS#4	Outer N.	−130						165.0	165.0	109.0
ML	33.5	ACGS#4	Inner N.	0						35.0	35.0	23.1
ML	33.5	ACGS#4	Inner N.	−20						55.0	55.0	36.3
ML	33.5	ACGS#4	Inner N.	−40						75.0	75.0	49.5
ML	33.4	ACGS#4	Middle N.	−40						77.8	77.8	51.4
ML	33.4	ACGS#4	Middle N.	−60						97.8	97.8	64.6
ML	33.4	ACGS#4	Middle N.	−80						117.8	117.8	77.8
ML	33.1	ACGS#4	Inner N.	−10						54.1	54.1	35.7
ML	33.1	ACGS#4	Inner N.	−30						74.1	74.1	48.9
ML	33.1	ACGS#4	Inner N.	−50						94.1	94.1	62.2
O1	32.9	Bass R.	B	−15						43.3	43.3	28.6
O1	32.9	Bass R.	B	−25						53.3	53.3	35.2
O1	32.9	Bass R.	B	−35						63.3	63.3	41.8
O1	32.7	Bass R.	B	−15						43.8	43.8	28.9
O1	32.7	Bass R.	B	−25						53.8	53.8	35.5
O1	32.7	Bass R.	B	−35						63.8	63.8	42.1
O1	32.6	Is. Beach	H	−70						89.4	89.4	59.1
O1	32.6	Is. Beach	H	−100						119.4	119.4	78.9
O1	32.6	Is. Beach	H	−130						149.4	149.4	98.7
O1	32.5	Bass R.	F	−55						87.6	87.6	57.9
O1	32.5	Bass R.	F	−75						107.6	107.6	71.1
O1	32.5	Bass R.	F	−95						127.6	127.6	84.3
O1	32.4	Bass R.	F	−55						91.4	91.4	60.4
O1	32.4	Bass R.	F	−75						111.4	111.4	73.6
O1	32.4	Bass R.	F	−95						131.4	131.4	86.8
O1	32.3	Bass R.	B	−15	Cape May	I	−75	−88.2	−88.2	55.2	55.2	36.4
O1	32.3	Bass R.	B	−25	Cape May	I	−105	−98.2	−98.2	65.2	65.2	43.1
O1	32.3	Bass R.	B	−35	Cape May	I	−135	−108.2	−108.2	75.2	75.2	49.7
O1	32.1	Bass R.	B	−15	*Cape May*	*I*	*−75*	*−95.5*	−95.5	62.4	62.4	41.2
O1	32.1	Bass R.	B	−25	*Cape May*	*I*	*−105*	*−105.5*	−105.5	72.4	72.4	47.8
O1	32.1	Bass R.	B	−35	*Cape May*	*I*	*−135*	*−115.5*	−115.5	82.4	82.4	54.4
O2	31.6	At. City	H	−70	Cape May	J	−85	−82.8	−85.0	50.2	52.4	34.6
O2	31.6	At. City	H	−100	Cape May	J	−115	−112.8	−113.9	80.2	81.3	53.7
O2	31.6	At. City	H	−130	Cape May	J	−145	−142.8	−142.8	110.2	110.2	72.8
O2	31.3	At. City	H	−70	*Cape May*	*J*	*−85*	*−85.0*	−85.0	52.8	52.8	34.9
O2	31.3	At. City	H	−100	*Cape May*	*J*	*−115*	*−115.0*	−115.0	82.8	82.8	54.7
O2	31.3	At. City	H	−130	*Cape May*	*J*	*−145*	*−145.0*	−145.0	112.8	112.8	74.5
O2	31.1	At. City	H	−70	*Cape May*	*J*	*−85*	*−85.0*	−85.0	77.6	77.6	51.2
O2	31.1	At. City	H	−100	Cape May	J	−115	−115.0	−115.0	102.6	95.2	62.9
O2	31.1	At. City	H	−130	Cape May	J	−145	−145.0	−145.0	127.6	112.8	74.5
O2	31	Is. Beach	G	−60	Cape May	H	−70	−112.8	−112.8	81.0	81.0	53.5
O2	31	Is. Beach	G	−85	Cape May	H	−100	−137.8	−121.4	106.0	89.6	59.2
O2	31	Is. Beach	G	−110	Cape May	H	−130	−162.8	−130.0	131.0	98.2	64.8
O2	30.9	Is. Beach	F	−55	Cape May	H	−70	−110.8	−110.8	79.3	79.3	52.4
O2	30.9	Is. Beach	F	−75	Cape May	H	−100	−130.8	−120.4	99.3	88.9	58.7
O2	30.9	Is. Beach	F	−95	Cape May	H	−130	−150.8	−130.0	119.3	98.5	65.1
O2	30.4	Is. Beach	B	−15	*Cape May*	*H*	*−70*	*−86.1*	−86.1	56.5	56.5	37.3
O2	30.4	Is. Beach	B	−25	*Cape May*	*H*	*−100*	*−96.1*	−96.1	66.5	66.5	43.9
O2	30.4	Is. Beach	B	−35	*Cape May*	*H*	*−130*	*−106.1*	−106.1	76.5	76.5	50.5
O2	30.1	Cape May	H	−70						41.8	41.8	27.6
O2	30.1	Cape May	H	−100						71.8	71.8	47.4
O2	30.1	Cape May	H	−130						101.8	101.8	67.2
O2b	29.4	AMCOR6011	E?	−35						38.0	38.0	25.1
O2b	29.4	AMCOR6011	E?	−50						53.0	53.0	35.0
O2b	29.4	AMCOR6011	E?	−65						68.0	68.0	44.9
O2b	29.3	AMCOR6011	E?	−35						39.8	39.8	26.3
O2b	29.3	AMCOR6011	E?	−50						54.8	54.8	36.2
O2b	29.3	AMCOR6011	E?	−65						69.8	69.8	46.1
O2b	29.1	Jobs Pt.	F?	−55						51.8	51.8	34.2
O2b	29.1	Jobs Pt.	F?	−75						71.8	71.8	47.4
O2b	29.1	Jobs Pt.	F?	−95						91.8	91.8	60.6
O2b	29	Jobs Pt.	F	−55						54.9	54.9	36.3
O2b	29	Jobs Pt.	F	−75						74.9	74.9	49.5
O2b	29	Jobs Pt.	F	−95						94.9	94.9	62.7
O3	28.9	AMCOR6011	E	−35	*At. City*	*F*	*−55*	*−58.7*	−58.7	39.9	39.9	26.3
O3	28.9	AMCOR6011	E	−50	*At. City*	*F*	*−75*	*−73.7*	−73.7	54.9	54.9	36.2
O3	28.9	AMCOR6011	E	−65	*At. City*	*F*	*−95*	*−88.7*	−88.7	69.9	69.9	46.1
O3	28.7	AMCOR6011	G	−60	At. City	J	−85	−83.4	−85.0	67.6	69.2	45.7
O3	28.7	AMCOR6011	G	−85	At. City	J	−115	−108.4	−109.2	92.6	93.4	61.7
O3	28.7	AMCOR6011	G	−110	At. City	J	−145	−133.4	−133.4	117.6	117.6	77.7
O3	28.6	AMCOR6011	G	−60	At. City	J	−85	−83.7	−85.0	68.4	69.6	46.0
O3	28.6	AMCOR6011	G	−85	At. City	J	−115	−108.7	−109.4	93.4	94.0	62.1
O3	28.6	AMCOR6011	G	−110	At. City	J	−145	−133.7	−133.7	118.4	118.4	78.2
O3	28.5	AMCOR6011	G	−60	Cape May	J (J@AC)	−85	−97.4	−97.4	69.0	69.0	45.5
O3	28.5	AMCOR6011	G	−85	Cape May	J (J@AC)	−115	−122.4	−121.2	94.0	92.8	61.3
O3	28.5	AMCOR6011	G	−110	Cape May	J (J@AC)	−145	−147.4	−145.0	119.0	116.6	77.0
O3	28.3	Cape May	J	−85	At. City	J	−85	−72.3	−85.0	58.1	70.8	46.7

TABLE DR4. (*Continued.*)

Sequence	Approx. age (Ma)	Primary constraint on environment*			Correlative constraint on environment**					R2		Eustasy#
		Borehole†	Biofacies§	WD Range#	Borehole††	Biofacies§§	WD range Biofacies##	WD range Model***	WD range Result†††	Primary	With secondary	
O3	28.3	Cape May	J	−115	At. City	J	−115	−102.3	−108.7	88.1	94.4	62.4
O3	28.3	Cape May	J	−145	At. City	J	−145	−132.3	−132.3	118.1	118.1	78.0
O4	27.9	AMCOR6011	A	−10	Jobs Pt.	B	−15	−19.1	−19.1	18.4	18.4	12.2
O4	27.9	AMCOR6011	A	−20	Jobs Pt.	B	−25	−29.1	−27.0	28.4	26.4	17.4
O4	27.9	AMCOR6011	A	−30	Jobs Pt.	B	−35	−39.1	−35.0	38.4	34.4	22.7
O4	27.8	AMCOR6011	A	−10	*Jobs Pt.*	*B*	*−15*	*−19.3*	−19.3	19.3	19.3	12.7
O4	27.8	AMCOR6011	A	−20	*Jobs Pt.*	*B*	*−25*	*−29.3*	−29.3	29.3	29.3	19.3
O4	27.8	AMCOR6011	A	−30	*Jobs Pt.*	*B*	*−35*	*−39.3*	−35.0	39.3	35.0	23.1
O4	27.7	AMCOR6011	A	−10	*Jobs Pt.*	*C*	*−20*	*−19.5*	−19.5	20.1	20.1	13.3
O4	27.7	AMCOR6011	A	−20	*Jobs Pt.*	*C*	*−30*	*−29.5*	−29.5	30.1	30.1	19.9
O4	27.7	AMCOR6011	A	−30	*Jobs Pt.*	*C*	*−40*	*−39.5*	−39.5	40.1	40.1	26.5
O4	27.7	AMCOR6011	A	−10	*At. City*	*D*	*−30*	*−34.2*	−34.2	20.1	20.1	13.3
O4	27.7	AMCOR6011	A	−20	*At. City*	*D*	*−45*	*−44.2*	−44.2	30.1	30.1	19.9
O4	27.7	AMCOR6011	A	−30	*At. City*	*D*	*−60*	*−54.2*	−54.2	40.1	40.1	26.5
O4	27.5	Jobs Pt.	G	−110						61.9	61.9	40.9
O4	27.5	Jobs Pt.	G	−60						86.9	86.9	57.4
O4	27.5	Jobs Pt.	G	−85						111.9	111.9	73.9
O4	27.4	At. City	H	−70						59.0	59.0	39.0
O4	27.4	At. City	H	−100						89.0	89.0	58.8
O4	27.4	At. City	H	−130						119.0	119.0	78.6
O4	27.3	At. City	H	−70	*Jobs Pt.*	*G*	*−60*	*−54.7*	−54.7	61.3	61.3	40.5
O4	27.3	At. City	H	−100	*Jobs Pt.*	*G*	*−85*	*−84.7*	−84.7	91.3	91.3	60.3
O4	27.3	At. City	H	−130	*Jobs Pt.*	*G*	*−110*	*−114.7*	−114.7	121.3	121.3	80.1
O4	27.2	AMCOR6011	B	−15	*Great Bay*	*E*	*−35*	*−40.7*	−40.7	37.7	37.7	24.9
O4	27.2	AMCOR6011	B	−25	*Great Bay*	*E*	*−50*	*−50.7*	−50.7	47.7	47.7	31.5
O4	27.2	AMCOR6011	B	−35	*Great Bay*	*E*	*−65*	*−60.7*	−65.0	57.7	57.7	38.1
O4	27.1	AMCOR6011	B	−15	At. City	G (&E@GB)	−60	−47.0	−60.0	42.8	55.8	36.8
O4	27.1	AMCOR6011	B	−25	At. City	G (&E@GB)	−85	−57.0	−63.5	52.8	59.3	39.1
O4	27.1	AMCOR6011	B	−35	At. City	G (&E@GB)	−110	−67.0	−67.0	62.8	62.8	41.5
O5	27	Great Bay	D	−30						29.4	29.4	19.4
O5	27	Great Bay	D	−45						44.4	44.4	29.3
O5	27	Great Bay	D	−60						59.4	59.4	39.2
O5	26.9	Cape May	H	−70						39.3	39.3	25.9
O5	26.9	Cape May	H	−100						69.3	69.3	45.8
O5	26.9	Cape May	H	−130						99.3	99.3	65.6
O5	26.8	Cape May	H	−70	Great Bay	J	−85	−37.5	−85.0	39.3	54.3	35.9
O5	26.8	Cape May	H	−100	Great Bay	J	−115	−67.5	−91.3	69.3	76.8	50.7
O5	26.8	Cape May	H	−130	Great Bay	J	−145	−97.5	−97.5	99.3	99.3	65.6
O5	26.7	Jobs Pt.	H	−70	Great Bay	J	−85	−82.6	−85.0	90.2	92.6	61.2
O5	26.7	Jobs Pt.	H	−100	Great Bay	J	−115	−112.6	−113.8	120.2	121.4	80.2
O5	26.7	Jobs Pt.	H	−130	Great Bay	J	−145	−142.6	−142.6	150.2	150.2	99.2
O5	26.6	At. City	D	−30						52.1	52.1	34.4
O5	26.6	At. City	D	−45						67.1	67.1	44.3
O5	26.6	At. City	D	−60						82.1	82.1	54.2
O5	26.5	Jobs Pt.	G	−60	At. City	G	−60	−82.2	−82.2	84.0	84.0	55.5
O5	26.5	Jobs Pt.	G	−85	At. City	G	−85	−107.2	−96.1	109.0	98.0	64.7
O5	26.5	Jobs Pt.	G	−110	At. City	G	−110	−132.2	−110.0	134.0	111.9	73.9
O5	26.4	Great Bay	G	−60	At. City	G	−60	−80.5	−80.5	85.7	85.7	56.6
O5	26.4	Great Bay	G	−85	At. City	G	−85	−105.5	−95.2	110.7	100.5	66.3
O5	26.4	Great Bay	G	−110	At. City	G	−110	−130.5	−110.0	135.7	115.2	76.1
O5	26.2	At. City	E	−35						42.4	42.4	28.0
O5	26.2	At. City	E	−50						57.4	57.4	37.9
O5	26.2	At. City	E	−65						72.4	72.4	47.8
O5	25.8	At. City	B?	−15						33.6	33.6	22.2
O5	25.8	At. City	B?	−25						43.6	43.6	28.8
O5	25.8	At. City	B?	−35						53.6	53.6	35.4
KwO	23.8	At. City	A	−10						25.8	25.8	17.0
KwO	23.8	At. City	A	−20						35.8	35.8	23.7
KwO	23.8	At. City	A	−30						45.8	45.8	30.3
KwO	23.6	At. City	D	−30	Cape May	F	−55	−58.3	−58.3	45.7	45.7	30.2
KwO	23.6	At. City	D	−45	Cape May	F	−75	−73.3	−73.3	60.7	60.7	40.1
KwO	23.6	At. City	D	−60	Cape May	F	−95	−88.3	−88.3	75.7	75.7	50.0
O6	25.7	Cape May	H	−70						70.0		46.2
O6	25.7	Cape May	H	−100						70.0		46.2
O6	25.7	Cape May	H	−130						70.0		46.2
O6	25.5	Cape May	H	−70						70.0		46.2
O6	25.5	Cape May	H	−100						70.0		46.2
O6	25.5	Cape May	H	−130						70.0		46.2
O6	25.3	At. City	A	−10						70.0		46.2
O6	25.3	At. City	A	−20						70.0		46.2
O6	25.3	At. City	A	−30						70.0		46.2
O6	25.1	At. City	D	−30						70.0		46.2
O6	25.1	At. City	D	−45						70.0		46.2
O6	25.1	At. City	D	−60						70.0		46.2
O6	25	Is. Beach	D	−30						70.0		46.2
O6	25	Is. Beach	D	−45						70.0		46.2
O6	25	Is. Beach	D	−60						70.0		46.2
O6	24.9	Is. Beach	D	−30						70.0		46.2

TABLE DR4. (*Continued.*)

Sequence	Approx. age (Ma)	Primary constraint on environment*			Correlative constraint on environment**					R2		Eustasy#
		Borehole†	Biofacies§	WD Range#	Borehole††	Biofacies§§	WD range Biofacies##	WD range Model***	WD range Result†††	Primary	With secondary	
O6	24.9	Is. Beach	D	–45						70.0		46.2
O6	24.9	Is. Beach	D	–60						70.0		46.2
O6	24.8	Cape May	D	–30						70.0		46.2
O6	24.8	Cape May	D	–45						70.0		46.2
O6	24.8	Cape May	D	–60						70.0		46.2
O6	24.6	Cape May	F	–55						70.0		46.2
O6	24.6	Cape May	F	–75						70.0		46.2
O6	24.6	Cape May	F	–95						70.0		46.2
O6	24.5	Cape May	F	–55						70.0		46.2
O6	24.5	Cape May	F	–75						70.0		46.2
O6	24.5	Cape May	F	–95						70.0		46.2
O6	24.4	Cape May	D	–30						70.0		46.2
O6	24.4	Cape May	D	–45						70.0		46.2
O6	24.4	Cape May	D	–60						70.0		46.2
O6	24.3	Cape May	C	–20						70.0		46.2
O6	24.3	Cape May	C	–30						70.0		46.2
O6	24.3	Cape May	C	–40						70.0		46.2
O6	24.2	Cape May	D	–30						70.0		46.2
O6	24.2	Cape May	D	–45						70.0		46.2
O6	24.2	Cape May	D	–60						70.0		46.2
O6	24.1	Cape May	C	–20						70.0		46.2
O6	24.1	Cape May	C	–30						70.0		46.2
O6	24.1	Cape May	C	–40						70.0		46.2
O6	23.9	Cape May	C	–20						70.0		46.2
O6	23.9	Cape May	C	–30						70.0		46.2
O6	23.9	Cape May	C	–40						70.0		46.2

Notes: Bass R.—Bass River; Is. Beach—Island Beach; Jobs Pt.—Jobs Point; At. City—Atlantic City.

*Primary constraint is the shallowest benthic biofacies tied to this age horizon. It is used to establish the profile depth.

†The borehole in which the primary benthic biofacies was observed. Bass R.—Bass River; Is. Beach—Island Beach; Jobs Pt.—Jobs Point; At. City—Atlantic City.

§The benthic biofacies observed there.

#The depth range (shallowest mean and deepest values) established for that benthic biofacies (Fig. 5).

**In many cases correlative biofacies are present.

††The borehole in which the correlative benthic biofacies was observed. They do not constrain R2 or eustasy.

§§The benthic biofacies observed there.

##The depth range (shallowest mean and deepest values) established for that benthic biofacies (Fig. 5).

***The depth range required by the primary constriant coupled with the geometry of the backstripped profile.

†††The depth range constrained by at this borehole, constrained by both the primary and secondary benthic biofacies.

§§§Secondary biofacies reported in italics. The water depth ranges of these biofacies were established here. They do not constrain R2 or eustasy.

#Eustasy is only given for the R2 value estimated with both primary and secondary (where present) constraints.