

## DATA REPOSITORY ITEM 2003002

Table DR1. Sr STRATIGRAPHY AND BIOSTRATIGRAPHY FOR SAMPLES FROM SITE 305 AND SITE 766

<u>Sample Name</u>	<u>Depth</u> <u>in core</u> <u>(m)</u>	<sup>87</sup> Sr/ <sup>86</sup> Sr <u>barite</u>	<sup>87</sup> Sr/ <sup>86</sup> Sr <u>carbonate</u>	<u>Age</u> <u>(Ma)</u>	<u>Nannofossil</u> <u>zone</u>	<u>Nannofossil</u> <u>age range (Ma)</u>	<u>Nannofossil</u> <u>estimated</u> <u>age (Ma)</u>	<u>Foraminifera</u> <u>age range</u> <u>(Ma)</u>
305 14-2 50-52	122.00	0.70781	---	61.85	NP6-7	57.3-58.4	57.85	54.8-61.6
305 15-2 57-60	131.57	0.70786	---	65.00	NC23	65.0-67.1	65.17	65.0-67.1
305 15-5 35-42	135.85	0.707821	0.70783	65.50	NC23	65.0-67.1	65.53	65.0-67.1
305 16-2 114-117	141.64	0.70785	---	65.70	NC23	65.0-67.1	66.02	65.0-67.1
305 16-4 41-50	143.91	0.70781	0.7078	65.75	NC23	65.0-67.1	66.21	65.0-67.1
305 17-4 44-51	153.73	0.70780	0.70777	66.00	NC23	65.0-67.1	67.04	67.1-69.2
305 18-4 43-50	161.69	0.707751	0.70782	69.50	NC22	67.1-69.2	67.84	69.2-71.3
305 20-2 124-131	179.24	0.707729	---	71.30	NC20-21	69.2-75.8	69.89	69.2-71.3
305 20-4 48-55	181.48	0.707721	0.70772	71.65	NC20-21	69.2-75.8	70.25	69.2-71.3
305 21-2 63-66	188.13	0.707718	---	71.70	NC20-21	69.2-75.8	71.32	71.3-77.4
305 21-4 50-58	191.00	0.70768	0.70776	72.00	NC20-21	69.2-75.8	71.78	71.3-77.4
305 21-6 140-145	194.90	0.70770	---	72.30	NC20-21	69.2-75.8	72.41	71.3-77.4
305 23-1 60-70	206.00	0.70767	---	73.30	NC20-21	69.2-75.8	74.19	71.3-77.4
305 23-4 50-58	209.82	0.70766	0.70766	73.40	Top NC19	75.8	75.81	71.3-77.4
305 24-4 47-53	218.37	0.70764	0.70766	73.45	NC19	75.8-78.4	76.95	77.4-83.5
305 25-2 108-114	226.08	0.70766	---	73.60	NC18	78.4-83.1	78.75	77.4-83.5
305 25-4 57-65	227.62	0.70763	0.70767	74.00	NC18	78.4-83.1	79.02	77.4-83.5
305 26-2 45-50	234.95	0.70764	---	74.35	NC18	78.4-83.1	80.32	77.4-83.5
305 26-4 55-62	237.36	0.7076	0.70763	74.50	NC18	78.4-83.1	80.74	77.4-83.5
305 27-2 67-75	244.17	0.7076	0.70758	74.70	NC18	78.4-83.1	81.94	77.4-83.5
305 27-2 80-86	244.32	0.70763	---	74.75	NC18	78.4-83.1	81.97	77.4-83.5

## Paytan 2

305 28-2 85-90	253.17	0.70759	---	76.60	NC13-17	78.4-93.5	83.53	77.4-83.5
305 29-CC	261.00	0.70758	---	77.15	NC13-17	78.4-93.5	84.95	83.5-85.8
305 31-CC 1-3	280.00	0.7075	---	82.15	NC13-17	78.4-93.5	88.41	83.5-85.8
305 42-1 108-112	383.58	0.70739	0.7074	94.25	NC10	95.1-101.5	95.35	98.9-105.6
305 42-CC 0-3	384.00	0.70741	---	95.85	NC10	95.1-101.5	95.38	98.9-105.6
305 43-2 65-68	393.30	0.707415	---	96.00	NC10	95.1-101.5	95.97	98.9-112.2
305 43-2 120-128	393.65	0.70742	---	96.50	NC10	95.1-101.5	95.99	98.9-112.2
305 43-3 130-133	395.80	0.707435	---	98.00	NC10	95.1-101.5	96.12	98.9-112.2
305 47-1 110-120	439.10	0.7074	---	107.60	NC10	95.1-101.5	98.86	98.9-112.2
305 47-1 130-135	439.30	0.70739	0.70739	108.40	NC10	95.1-101.5	98.87	98.9-112.2
305 60-1 106-108	570.57	0.70726	---	114.65	NC5-6	119.0-128.3	122.79	112.2-127.0
305 61-1 120-125	570.70	0.7073	---	115.95	NC5-6	119.0-128.3	122.81	112.2-127.0
305 64-1 106-108	599.06	0.707374	---	118.30	NC5-6	119.0-128.3	126.64	112.2-127.0
305 64-1 113-118	599.13	0.70737	---	118.35	NC5-6	119.0-128.3	126.65	112.2-127.0
305 69-1 88-99	641.00	0.70738	---	133.15	NC3	131.2-135.1	132.31	127-136.5
766A 13-1 18-20	114.08	0.70756	---	78.20	CC19	78.4-80.6	78.4	71.3-85.8
766A 13-3 74-76	117.64	0.70745	---	84.65	CC15-16	83.9-85.6	83.9	71.3-85.8
766A 14-1 51-53	124.11	0.70729	---	89.60	CC15-16	83.9-85.6	85.6	89.0-93.5
766A 14-CC 5-7	130.90	0.70737	---	93.10	CC11	90.7-93.5	93.5	89.0-93.5
766A 15-2 78-80	135.48	0.70738	0.7079	93.55	CC9-10	93.5-101.7	94.88	89.0-96.2
766A 15-2 96-98	135.66	0.70738	---	93.55	CC9-10	93.5-101.7	94.93	89.0-96.2
766A 15-3 59-61	136.79	0.70739	---	94.05	CC9-10	93.5-101.7	95.27	89.0-96.2
766A 17-5 28-30	158.78	0.70741	0.70759	97.00	Top CC8	93.5-101.7	101.7	98.9-96.2
766A 18-1 34-39	162.44	0.70745	---	100.45	CC8	101.7-107.3	104.13	98.9-105.6
766A 18-3 23-28	165.33	0.70744	---	103.50	CC8	101.7-107.3	105.79	98.9-105.6
766A 18-3 109-113	166.18	0.70743	---	104.4	CC8	101.7-107.3	106.28	98.9-105.6

## Paytan 3

766A 18-4 112-116	167.72	0.707375	---	109.20	CC8	101.7-107.3	107.17	98.9-105.6
766A 20-1 47-50	181.87	0.70735	0.70739	111.00	CC8	107.3-112.6	110.19	105.6-112.2
766A 20-CC 7-12	186.46	0.70732	---	111.55	CC8	107.3-112.6	111.14	105.6-112.2
766A 21-1 22-26	191.22	0.70730	0.7074	112.25	CC8	107.3-112.6	112.12	105.6-116.6
766A 21-2 88-92	193.38	0.70730	0.70742	112.75	CC8	107.3-112.6	112.57	105.6-116.6
766A 21-CC 4-7	193.51	0.70725	0.70743	113.00	CC8	107.3-112.6	112.60	105.6-116.6
766A 24-1 12-17	220.02	0.70723	---	114.30	CC7	112.6-121.0	116.54	112.2-116.6
766A 24-1 64-68	220.54	0.70725	---	114.50	CC7	112.6-121.0	116.62	112.2-116.6
766A 25-1 41-46	230.01	0.70727	0.70738	114.70	CC7	112.6-121.0	118.03	---
766A 25-CC 12-15	230.64	0.70727	0.70736	114.60	CC7	112.6-121.0	118.12	---
766A 26-1 4-8	239.34	0.70727	---	114.85	CC7	112.6-121.0	119.41	---
766A 26-3 40-45	242.70	0.707389	---	119.10	CC7	112.6-121.0	119.91	---
766A 26-CC 3-9	243.69	0.707406	0.7079	119.90	CC7	112.6-121.0	120.06	---
766A 27-1 40-44	249.30	0.70741	---	120.05	CC7	112.6-121.0	120.90	---
766A 27-2 97-101	251.37	0.70745	---	122.35	CC6	121.0-125.1	121.20	---