

**Table 1 Site Descriptions**

Core	Modern Latitude and Longitude and depth (m)			Paleo-Depth (m)	$\delta^{13}\text{C}$ data reference
213	10°12.7080'S	93°53.7720'E	5601	3000	Thomas et al., 2003
401	47°25.6500'N	8°48.6180'W	2495	1900	Thomas et al., 2003
527	28° 2.4900'S	1°45.7980'E	4428	3400	Thomas et al., 2003
690B	65° 9.6288'S	1°12.2958'E	2914	1900	Thomas et al., 2003
1051B	30° 3.1860'N	76°21.4710'W	1980.6	2000	Thomas et al., 2003
1209B	32°39.1081'N	158°30.3564'E	2387.4	2400	Tripati and Elderfield, 2005
1220B	10°10.6001'N	142°45.5028'W	5217.9	3200	Tripati and Elderfield, 2005