

Table 1. Core information including location, water depth, recovered core length, and core type.

Core ID	Latitude (deg)	Longitude (deg)	Site Name	Water Depth (m)	Core Length (m)	PC	C2 (Box)	GHF	Grav	Comments
MD02-2535	27.6198	-92.2410	Tunica Mound	605	37.84	*				
MD02-2536GHF-1	27.6198	-92.2410	Tunica Mound	608	8.88			**		
MD02-2536GHF-2	27.6253	-92.2460	Tunica Mound	564	8.88			**		
MD02-2536GHF-3	27.6270	-92.2375	Tunica Mound	585	8.88			**		
MD02-2537	27.6160	-92.2487	Tunica Mound	600	33.58	*				
MD02-2538G	27.6167	-92.2472	Tunica Mound	599	7.76				*	
MD02-2539	27.6397	-92.1922	Tunica Mound	622	31.1	*				
MD02-2540GHF-1	27.6403	-92.1920	Tunica Mound	617	5.65			**		
MD02-2540GHF-2	27.6402	-92.1952	Tunica Mound	620	-			*		
MD02-2541	27.6325	-92.2123	Tunica Mound	615	35.34	*				
MD02-2542GHF	27.6322	-92.2120	Tunica Mound	617	7.7			**		
MD02-2543G	27.6123	-92.2555	Tunica Mound	579	0.15				*	
MD02-2544G	27.6130	-92.2535	Tunica Mound	584	0.1				*	
MD02-2545G	27.6140	-92.2517	Tunica Mound	588	9.27				*	
MD02-2546	27.6157	-92.2470	Tunica Mound	595	31.21	*				
MD02-2547GHF	27.6165	-92.2483	Tunica Mound	607	5.73			**		
MD02-2548	27.6375	-92.1995	Tunica Mound	610	32.92	*				
MD02-2550C2	26.9462	-91.3457	Orca Basin	2249	9.09		*			
MD02-2553C2	27.1835	-91.4167	Pigmy Basin	2259	10.03		*			
MD02-2554	27.7833	-91.4990	Bush Hill Basin	602	31.05	*				
MD02-2555	27.7832	-91.4892	Bush Hill Basin	636	35.68	*				
MD02-2556	27.7830	-91.4775	Bush Hill Basin	654	34.25	*				
MD02-2557GHF-1	27.7830	-91.4987	Bush Hill Basin	613	7.59			**		
MD02-2557GHF-2	27.7830	-91.4890	Bush Hill Basin	639	-			**		
MD02-2557GHF-3	27.7828	-91.4805	Bush Hill Basin	659	-			**		
MD02-2559	28.2225	-89.0882	Kane Spur	1132	33.39	*				
MD02-2560	28.2433	-89.1550	Kane Spur	1029	28.24	*				
MD02-2561	28.2052	-89.0202	Kane Spur	1268	28.8	*				
MD02-2562	28.0798	-89.1402	Kane Spur	1051	26.09	*				
MD02-2563C2	28.1233	-89.1363	MC853 Diapir	1070	3.86		*			recovered hydrate (gas bubbles)
MD02-2564GHF-1	28.2433	-89.1545	Kane Spur	1027	7.63			**		
MD02-2564GHF-2	28.2223	-89.0883	Kane Spur	1261	-			**		
MD02-2564GHF-3	28.2052	-89.0200	Kane Spur	1269	-			**		
MD02-2564GHF-4	28.2070	-89.0200	Kane Spur	1269	-			**		
MD02-2565	28.1235	-89.1395	MC853 Diapir	1068	22.5					recovered hydrate
MD02-2566	28.1192	-89.1032	Kane Spur	1186	26.05	*				
MD02-2567	28.1002	-89.0198	Kane Spur	1318	26.65	*				
MD02-2568GHF-1	28.0790	-89.1400	MC853 Diapir	1049	6.96			**		
MD02-2568GHF-2	28.0810	-89.1370	MC853 Diapir	1057	-			**		
MD02-2568GHF-3	28.1193	-89.1030	MC853 Diapir	1190	-			**		
MD02-2568GHF-4	28.1233	-89.1395	MC853 Diapir	1068	-			*		
MD02-2568GHF-5	28.1235	-89.1362	MC853 Diapir	1049	-			*		
MD02-2569	28.1522	-89.4797	Mississippi Canyon	1032	10.35	*				recovered hydrate
MD02-2570	28.0710	-89.6898	West Mississippi	631	28.35	*				
MD02-2571C2	28.0667	-89.7192	West Mississippi	664	10.38		*			
MD02-2572GHF	28.0710	-89.6897	West Mississippi	628	4.9			**		
MD02-2573GHF	28.1520	-89.4798	Mississippi Canyon	1027	4.2			*		recovered hydrate
MD02-2574	28.6267	-88.2248	East Mississippi	1963	32.28	*				

Notes:

Cores obtained during the cruise that are not listed in this table and cores MD02-2548 in Tunica Mound, MD02-2550C2 in Orca Basin, and MD02-2574 in East Mississippi region are IMAGES/PAGE cores, not dedicated USGS cores.

PC: Piston core; C2 (Box): Square box core; GHF: Gravity core with heat flow temperature sensors attached; Grav: Gravity core without thermal sensors.

** denotes successful determination of geothermal gradient.