

Ms 198SR-108, Table T1. Sample intervals and age estimates for all samples, with point count data for those samples petrographically analyzed.

[illegible]

Notes: Q = monocrystalline quartz, P = plagioclase feldspar, Py = pyroxene, A = amphibole, D = dense minerals, K-spar = potassium feldspar, K = fragments with K-stain, Ca = fragments with Ca-stain, K-Ca = fragments with K-stain and Ca-stain. For counted parameter definitions, see Table T2, p.21.

Ms 198SR-108, Table T1. Sample intervals and age estimates for all samples, with point count data for those samples petrographically analyzed.

Core, section, interval (cm)	Depth (mbsf)	Age (Ma)		Comments	Q	P	Py	A	D	Biotite	K-spar
		Fossil datum	Geomagnetic								
198-1207A-											
2H-4, 99	10.90	0.517	0.601		1	1	5	4	0	0	0
6H-1, 98	43.78	2.328	2.702	Insufficient sand-sized material							
12H-5, 77	106.57	5.741	5.72	Insufficient sand-sized material							
198-1208A-											
2H-1, 5	4.75	0.11	0.09		0	16	10	9	0	0	0
4H-4, 62	28.82	0.668	0.527		0	17	1	4	0	0	0
5H-1, 84	34.04	0.802	0.618	Insufficient sand-sized material							
5H-2, 1	34.71	0.807	0.663		0	13	2	4	0	0	0
5H-6, 30	41.00	0.962	0.746		0	48	3	5	0	1	0
6H-2, 107	45.27	1.063	0.829	Insufficient sand-sized material							
9H-2, 140	74.10	1.138	1.508	Insufficient sand-sized material							
10H-2, 112	83.32	1.951	1.719		0	7	0	0	0	1	0
10H-2, 115	83.35	1.955	1.719		1	33	2	6	0	2	0
11H-7, 12	99.32	2.332	2.109	Insufficient sand-sized material							
13H-2, 54	111.24	2.605	2.372		0	14	0	0	0	0	0
13H-4, 69	114.39	2.674	2.452	Insufficient sand-sized material							
13H-5, 83	116.03	2.722	2.48		0	30	1	2	0	0	0
14H-2, 53	120.73	2.821	2.602		0	38	1	1	0	0	0
14H-5, 133	126.03	2.951	2.724	Insufficient sand-sized material							
17H-6, 114	155.84	3.648	3.52	Insufficient sand-sized material							
27X-1, 114	239.84	7.287	7.016		0	17	1	2	0	0	2
27X-2, 130	241.50	7.356	7.12	Insufficient sand-sized material							
198-1209A-											
2H-6, 72	16.42	1.19	1.346		3	34	2	6	0	1	0
2H-6, 85	16.55	1.199	1.355		0	38	0	3	0	0	0
3H-1, 30	17.40	1.269	1.415		0	8	0	0	0	0	0
4H-3, 24	30.44	2.245	2.332		1	29	1	3	0	0	0
4H-5, 55	33.75	2.472	2.538		0	28	1	1	0	0	0
198-1209B-											
3H-1, 129	15.89	1.147	1.311		0	33	0	9	0	1	4
3H-1, 143	16.03	1.164	1.32	Insufficient sand-sized material							
3H-2, 11	16.21	1.176	1.33		3	41	1	0	0	0	0
3H-3, 88	18.48	1.338	1.494		0	35	0	0	0	0	3
3H-4, 48	19.58	1.425	1.573		0	53	0	0	0	0	3
3H-4, 134	20.44	1.487	1.636		0	23	0	0	0	0	2
4H-6, 104	32.64	2.402	2.467		0	37	0	0	0	0	2
5H-1, 110	34.70	2.542	2.597		0	43	0	0	0	0	0
198-1210A-											
3H-4, 71	20.61	1.329	1.438	Insufficient sand-sized material							
3H-6, 90	23.80	1.534	1.672	Slide mostly foraminifers							
4H-6, 39	32.79	2.125	2.337	Slide mostly foraminifers							
5H-3, 86	38.26	2.49	2.67	Slide mostly foraminifers							
5H-6, 102	42.92	2.788	2.929		0	16	0	6	0	0	0
5H-6, 106	42.96	2.79	2.931		0	11	1	0	0	0	0
11H-1, 142	92.82	7.395	N/A		0	4	1	0	5	0	0
198-1210B-											
10H-6, 42	93.12	7.48	N/A		0	3	0	0	0	0	1
198-1211A-											
2H-5, 52	9.32	1.058	1.226	Insufficient sand-sized material							
198-1211B-											
2H-6, 108	14.68	1.689	1.297	Slide mostly foraminifers							
3H-4, 111	21.21	2.46	2.724		0	61	0	0	0	0	0
198-1212A-											
2H-6, 77	13.17	0.905	1.111		0	57	1	0	0	0	2
3H-1, 92	15.32	1.063	1.304		0	8	0	0	0	0	0
3H-2, 95	16.85	1.164	1.446		0	7	0	0	0	0	0
4H-4, 37	28.77	2.499	2.645		0	26	0	0	0	0	0
6H-5, 62	49.02	4.386	N/A	Slide mostly foraminifers							

Notes: Q = monocrystalline quartz, P = plagioclase feldspar, Py = pyroxene, A = amphibole, D = dense minerals, K-spar = potassium feldspar, K = fragments with K-stain, Ca = fragments with Ca-stain, K-Ca = fragments with K-stain and Ca-stain. For counted parameter definitions, see Table T2, p.21.

Table 1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Lv						Lvsv					
		Brown	Black	Colorless	K-colorless	Ca- colorless	Ca-K	Brown	Black	Colorless	K-colorless	Ca- colorless	Ca-K
198-1207A- 2H-4, 99	10.90	7	0	0	95	3	13	0	0	0	5	0	0
6H-1, 98	43.78												
12H-5, 77	106.57												
198-1208A- 2H-1, 5	4.75	6	13	0	0	22	0	0	0	0	3	0	0
4H-4, 62	28.82	9	2	0	1	1	77	0	0	0	0	2	7
5H-1, 84	34.04												
5H-2, 1	34.71	1	0	0	71	0	51	0	0	0	23	0	21
5H-6, 30	41.00	0	0	0	0	24	32	0	0	0	0	5	5
6H-2, 107	45.27												
9H-2, 140	74.10												
10H-2, 112	83.32	0	0	0	32	0	17	0	0	0	1	0	2
10H-2, 115	83.35	0	4	0	0	7	11	0	0	0	0	1	9
11H-7, 12	99.32												
13H-2, 54	111.24	0	0	0	0	0	50	0	0	0	0	0	24
13H-4, 69	114.39												
13H-5, 83	116.03	0	0	0	0	0	48	0	0	0	0	4	0
14H-2, 53	120.73	0	0	0	0	23	82	0	0	0	0	3	12
14H-5, 133	126.03												
17H-6, 114	155.84												
27X-1, 114	239.84	2	0	0	1	0	74	0	0	0	0	0	0
27X-2, 130	241.50												
198-1209A- 2H-6, 72	16.42	9	2	0	0	25	56	0	0	0	0	0	6
2H-6, 85	16.55	0	0	0	7	0	37	0	0	0	3	0	5
3H-1, 30	17.40	0	0	0	139	0	49	0	0	0	9	0	5
4H-3, 24	30.44	0	0	3	82	0	11	0	0	0	47	0	25
4H-5, 55	33.75	0	0	0	27	0	61	0	0	0	2	0	1
198-1209B- 3H-1, 129	15.89	1	0	0	0	33	113	0	0	0	0	3	4
3H-1, 143	16.03												
3H-2, 11	16.21	0	0	0	0	55	19	0	0	0	0	7	0
3H-3, 88	18.48	0	0	0	179	0	19	0	0	0	4	0	7
3H-4, 48	19.58	0	0	0	45	0	120	0	0	0	8	0	61
3H-4, 134	20.44	0	0	0	239	0	33	0	0	0	32	0	1
4H-6, 104	32.64	0	0	0	124	0	83	0	0	0	5	0	9
5H-1, 110	34.70	1	0	0	30	0	59	0	0	0	5	0	9
198-1210A- 3H-4, 71	20.61												
3H-6, 90	23.80												
4H-6, 39	32.79												
5H-3, 86	38.26												
5H-6, 102	42.92	0	0	0	28	0	73	0	0	0	0	0	3
5H-6, 106	42.96	1	0	0	13	0	76	0	0	0	0	0	8
11H-1, 142	92.82	6	11	0	62	0	19	0	0	0	17	0	18
198-1210B- 10H-6, 42	93.12	0	8	0	63	0	0	0	0	0	29	0	12
198-1211A- 2H-5, 52	9.32												
198-1211B- 2H-6, 108	14.68												
3H-4, 111	21.21	3	0	0	43	0	54	0	0	0	2	0	0
198-1212A- 2H-6, 77	13.17	1	0	0	0	15	33	0	0	0	0	0	14
3H-1, 92	15.32	6	0	0	174	0	45	0	0	0	33	0	0
3H-2, 95	16.85	0	0	0	245	0	32	0	0	0	43	0	7
4H-4, 37	28.77	1	0	0	140	0	17	0	0	0	13	0	0
6H-5, 62	49.02												

Core, section, interval (cm)	Depth (mbsf)	Lvmmv						Lvvhv					
		Brown	Black	Colorless	K-colorless	Ca- colorless	Ca-K	Brown	Black	Colorless	K-colorless	Ca- colorless	Ca-K
198-1207A- 2H-4, 99	10.90	0	0	0	37	1	8	0	0	0	31	1	11
6H-1, 98	43.78												
12H-5, 77	106.57												
198-1208A- 2H-1, 5	4.75	0	0	0	0	73	0	0	0	0	0	114	0
4H-4, 62	28.82	0	0	0	0	5	129	0	0	0	0	2	47
5H-1, 84	34.04												
5H-2, 1	34.71	0	0	0	14	0	8	0	0	0	17	0	9
5H-6, 30	41.00	0	0	0	0	8	21	0	0	0	0	12	45
6H-2, 107	45.27												
9H-2, 140	74.10												
10H-2, 112	83.32	0	0	0	6	0	1	0	0	0	8	0	9
10H-2, 115	83.35	0	0	0	0	1	16	0	0	0	0	5	36
11H-7, 12	99.32												
13H-2, 54	111.24	0	0	0	0	0	35	0	0	0	0	0	48
13H-4, 69	114.39												
13H-5, 83	116.03	0	0	0	0	0	29	0	0	0	0	0	63
14H-2, 53	120.73	0	0	0	0	1	17	0	0	0	0	2	45
14H-5, 133	126.03												
17H-6, 114	155.84												
27X-1, 114	239.84	0	0	0	0	0	10	0	0	0	0	0	49
27X-2, 130	241.50												
198-1209A- 2H-6, 72	16.42	0	0	0	0	1	7	1	0	0	0	6	64
2H-6, 85	16.55	0	0	0	5	0	13	0	0	0	41	0	97
3H-1, 30	17.40	0	0	0	6	0	5	0	0	0	20	0	14
4H-3, 24	30.44	0	0	0	62	0	4	0	0	0	4	0	41
4H-5, 55	33.75	0	0	0	4	0	6	0	0	0	3	0	4
198-1209B- 3H-1, 129	15.89	0	0	0	0	0	8	0	0	0	0	3	11
3H-1, 143	16.03												
3H-2, 11	16.21	0	0	0	0	11	2	0	0	0	0	6	0
3H-3, 88	18.48	0	0	0	5	0	1	0	0	0	1	0	4
3H-4, 48	19.58	0	0	0	0	0	0	0	0	0	13	0	27
3H-4, 134	20.44	0	0	0	8	0	0	0	0	0	2	0	2
4H-6, 104	32.64	0	0	0	11	0	2	0	0	0	1	0	0
5H-1, 110	34.70	0	0	0	0	0	12	0	0	0	1	0	6
198-1210A- 3H-4, 71	20.61												
3H-6, 90	23.80												
4H-6, 39	32.79												
5H-3, 86	38.26												
5H-6, 102	42.92	0	0	0	0	0	9	0	0	0	0	2	0
5H-6, 106	42.96	0	0	0	0	0	10	0	0	0	0	0	3

Core, section, interval (cm)	Depth (mbsf)	Lvuv						Lvww					
		Brown	Black	Colorless	K-colorless	Ca- colorless	Ca-K	Brown	Black	Colorless	K-colorless	Ca- colorless	Ca-K
198-1207A- 2H-4, 99	10.90	0	0	0	0	0	0	0	0	0	10	0	4
6H-1, 98	43.78												
12H-5, 77	106.57												
198-1208A- 2H-1, 5	4.75	0	0	0	0	1	0	0	0	0	0	58	0
4H-4, 62	28.82	0	0	0	0	0	0	0	0	0	0	2	25
5H-1, 84	34.04												
5H-2, 1	34.71	0	0	0	0	0	2	0	0	0	16	0	4
5H-6, 30	41.00	0	0	0	0	1	7	0	0	0	0	4	47
6H-2, 107	45.27												
9H-2, 140	74.10												
10H-2, 112	83.32	0	0	0	7	0	8	0	0	0	4	0	1
10H-2, 115	83.35	0	0	0	0	0	4	0	0	0	0	1	64
11H-7, 12	99.32												
13H-2, 54	111.24	0	0	0	0	0	9	0	0	0	0	0	33
13H-4, 69	114.39												
13H-5, 83	116.03	0	0	0	0	0	12	0	0	0	7	0	35
14H-2, 53	120.73	0	0	0	0	0	10	0	0	0	0	0	29
14H-5, 133	126.03												
17H-6, 114	155.84												
27X-1, 114	239.84	0	0	0	0	0	12	0	0	0	0	0	39
27X-2, 130	241.50												
198-1209A- 2H-6, 72	16.42	0	0	0	0	1	2	1	0	0	0	2	30
2H-6, 85	16.55	0	0	0	1	0	2	0	0	0	15	0	15
3H-1, 30	17.40	0	0	0	0	0	2	0	0	0	4	0	2
4H-3, 24	30.44	0	0	0	2	0	0	0	0	0	8	0	2
4H-5, 55	33.75	0	0	0	1	0	7	0	0	0	0	0	3
198-1209B- 3H-1, 129	15.89	0	0	0	0	0	3	0	0	0	0	2	8
3H-1, 143	16.03												
3H-2, 11	16.21	0	0	0	0	6	0	0	0	0	0	3	0
3H-3, 88	18.48	0	0	0	1	0	0	0	0	0	0	0	0
3H-4, 48	19.58	0	0	0	0	0	0	0	0	0	0	0	5
3H-4, 134	20.44	0	0	0	0	0	0	0	0	0	0	0	0
4H-6, 104	32.64	0	0	0	0	0	5	0	0	0	0	0	0
5H-1, 110	34.70	0	0	0	0	0	0	0	0	0	0	0	0
198-1210A- 3H-4, 71	20.61												
3H-6, 90	23.80												
4H-6, 39	32.79												
5H-3, 86	38.26												
5H-6, 102	42.92	0	0	0	0	0	1	0	0	0	0	0	7
5H-6, 106	42.96	0	0	0	0	0	2	0	0	0	0	0	5
11H-1, 142	9												

[illegible]

Table 1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Age (Ma)		Comments	Q	P	Py	A	D	Biotite	K-spar
		Fossil datum	Geomagnetic								
198-1212B-											
2H-7, 65	16.35	1.127	1.398		0	35	2	1	0	0	0
3H-1, 144	17.64	1.236	1.515		0	5	0	0	0	0	0
3H-3, 12	19.32	1.341	1.668		0	21	0	0	0	0	1
4H-4, 58	30.78	2.838	2.815		0	13	0	0	0	0	0
6H-3, 117	48.87	4.322	N/A	Slide mostly foraminifers							
7H-1, 49	54.69	5.706	N/A		0	7	1	0	0	0	0
198-1213A-											
3R-4, 64	23.24	1.563	0.601	Insufficient sand-sized material							
5R-2, 39	38.99	2.688	2.702		0	27	0	0	0	0	0
5R-2, 51	39.11	2.699	5.719	Slide mostly foraminifers							
126-788C											
7H-1, 33	58.50	Quaternary			0	73	4	0	0	0	0
16H-1, 7	143.77	Quaternary			0	224	3	3	0	0	0
17H-4, 94	158.64	Quaternary			0	126	9	3	0	0	0
23H-1, 46	210.66	Quaternary			0	238	0	6	0	0	0
126-190B-											
15X-1, 52	129.82	Quaternary			0	0	1	5	0	0	17
126-791A-											
5H-6, 53	41.03	Quaternary			0	0	0	5	0	0	0
18H-2, 54	165.04	Quaternary			0	0	0	1	0	0	0
22H-5, 128	204.18	Quaternary			0	56	0	0	0	0	0
34X-CC, 12	343.54	Quaternary			0	67	0	7	0	0	0
41X-CC, 1	371.71	Quaternary			0	83	7	0	0	0	0

Table 1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Lv						Lvsv					
		Brown	Black	Colorless	K-colorless	Ca- colorless	Ca-K	Brown	Black	Colorless	K-colorless	Ca- colorless	Ca-K
198-1212B-													
2H-7, 65	16.35	3	0	0	12	0	53	0	0	0	7	0	11
3H-1, 144	17.64	0	0	0	188	0	16	0	0	0	20	0	1
3H-3, 12	19.32	0	0	0	243	0	11	0	0	0	49	0	7
4H-4, 58	30.78	1	0	0	23	0	67	0	0	0	3	0	11
6H-3, 117	48.87												
7H-1, 49	54.69	0	0	0	6	0	83	0	0	0	0	0	27
198-1213A-													
3R-4, 64	23.24												
5R-2, 39	38.99	7	0	0	28	0	75	0	0	0	0	0	19
5R-2, 51	39.11												
126-788C													
7H-1, 33	58.50	0	0	0	15	0	24	0	0	0	0	0	0
16H-1, 7	143.77	0	0	0	0	12	0	0	0	0	0	0	5
17H-4, 94	158.64	0	0	0	0	41	0	0	0	0	0	23	6
23H-1, 46	210.66	0	0	0	0	5	0	0	0	0	0	11	7
126-190B-													
15X-1, 52	129.82	1	0	0	7	0	94	0	0	0	0	0	16
126-791A-													
5H-6, 53	41.03	4	0	0	0	43	125	0	0	0	0	3	11
18H-2, 54	165.04	0	0	0	0	132	0	0	0	0	0	51	0
22H-5, 128	204.18	0	0	0	0	8	0	0	0	0	0	19	0
34X-CC, 12	343.54	2	0	0	0	63	10	0	0	0	0	21	0
41X-CC, 1	371.71	0	0	0	0	77	0	0	0	0	0	36	0

Table 1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Lvvmv						Lvvhv					
		Brown	Black	Colorless	K-colorless	Ca- colorless	Ca-K	Brown	Black	Colorless	K-colorless	Ca- colorless	Ca-K
198-1212B-													
2H-7, 65	16.35	0	0	0	0	0	17	0	0	0	0	0	0
3H-1, 144	17.64	0	0	0	9	0	0	0	0	0	11	0	0
3H-3, 12	19.32	0	0	0	21	0	0	0	0	0	1	0	0
4H-4, 58	30.78	0	0	0	0	0	16	0	0	0	1	0	9
6H-3, 117	48.87												
7H-1, 49	54.69	0	0	0	0	0	20	0	0	0	0	0	9
198-1213A-													
3R-4, 64	23.24												
5R-2, 39	38.99	0	0	0	1	0	17	0	0	0	5	0	0
5R-2, 51	39.11												
126-788C													
7H-1, 33	58.50	0	0	0	31	0	0	0	0	0	78	0	32
16H-1, 7	143.77	13	0	0	0	0	0	0	0	0	0	17	0
17H-4, 94	158.64	0	0	0	0	43	0	0	0	0	0	12	0
23H-1, 46	210.66	0	0	0	0	0	0	0	0	0	0	10	19
126-190B-													
15X-1, 52	129.82	0	0	0	0	0	19	0	0	0	0	0	3
126-791A-													
5H-6, 53	41.03	0	0	0	8	47	0	0	0	0	0	0	18
18H-2, 54	165.04	0	0	0	0	43	0	0	0	0	0	3	0
22H-5, 128	204.18	0	0	0	0	37	0	0	0	0	0	143	0
34X-CC, 12	343.54	0	0	0	0	37	3	0	0	0	0	38	0
41X-CC, 1	371.71	0	0	0	0	27	0	0	0	0	0	12	0

Table 1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Lvrb						Lvvy					
		Brown	Black	Colorless	K-colorless	Ca- colorless	Ca-K	Brown	Black	Colorless	K-colorless	Ca- colorless	Ca-K
198-1212B-													
2H-7, 65	16.35	0	0	0	0	0	23	0	0	0	0	0	8
3H-1, 144	17.64	0	0	0	1	0	1	0	0	0	0	0	3
3H-3, 12	19.32	0	0	0	10	0	0	0	0	0	6	0	0
4H-4, 58	30.78	0	0	0	0	0	12	0	0	0	0	0	17
6H-3, 117	48.87												
7H-1, 49	54.69	0	0	0	0	0	23	0	0	0	0	0	19
198-1213A-													
3R-4, 64	23.24												
5R-2, 39	38.99	0	0	0	0	0	18	0	0	0	0	0	23
5R-2, 51	39.11												
126-788C													
7H-1, 33	58.50	0	0	0	0	0	0	0	0	0	0	0	0
16H-1, 7	143.77	0	0	0	0	7	0	0	0	0	0	12	0
17H-4, 94	158.64	0	0	0	0	5	0	0	0	0	0	10	0
23H-1, 46	210.66	0	0	0	0	0	0	0	0	0	0	0	0
126-190B-													
15X-1, 52	129.82	0	0	0	0	0	0	0	0	0	0	0	17
126-791A-													
5H-6, 53	41.03	0	0	0	0	0	4	0	0	0	0	0	13
18H-2, 54	165.04	0	0	0	0	0	0	0	0	0	0	17	0
22H-5, 128	204.18	0	0	0	0	0	0	0	0	0	0	7	0
34X-CC, 12	343.54	0	0	0	0	0	0	0	0	0	0	10	0
41X-CC, 1	371.71	0	0	0	0	5	0	0	0	0	0	11	0

[illegible]

[illegible]