Data Repository Item
Table DR1
Biogenic Silica and Chert in the Pacific Ocean

LEG	SITE	Long	Lat	Water Depth (m)	Top of Chert Intv (mbsf)	Chert Intv. Thick (m)	Age Top Chert Intv (Ma)	Age Base Chert Intv (Ma)	Base of Silic Microfossils (mbsf)	Basement depth (mbsf)	Depth Basemnt-Base Silic Microfoss (m)	Basemnt age (Ma)
5	34	-127.56	37.13	4322	280	26	11.5	13	300	383	83	32
7	63	147.89	0.84	4486		0			355.51	566	210.49	31
7	66	-166.12	2.39	5293	148	17	50	56	190	192	2	92
9	77	-133.23	0.48	4291		0			470	481	11	36
9	78	-127.37	7.97	4378		0			318.5	320	1.5	30
9	79	-121.57	2.55	4574		0			404.5	411	6.5	22
9	80	-121.55	-0.96	4399		0			173	199	26	21
9	81	-113.81	0.44	3854		0			399	409	10	20
9	82	-106.94	2.59	3689		0			200.5	214	13.5	9
9	83	-95.74	4.05	3632		0			229	241	12	7
9	84	-82.89	5.75	3097		0			247.9	252	4.1	6
15	146	-69.38	15.12	3949	406	319	50	88	720.5	738	17.5	89
15	150	-69.36	14.51	4545	128	13	50	60	150	169	19	89
15	152	-74.61	15.88	477	162	298	58	68	229	472	243	80
16	155	-81.04	6.12	2752		0			470	519	49	15
16	157	-85.90	-1.76	1591	345	86	7	10	342.7	431	88.3	10
16	158	-85.24	6.62	1953	297	24	12	13	305.1	321	15.9	15
16	159	-122.29	12.33	4484		0			45.23	107	61.77	25
16	160	-130.88	11.70	4940		0			108	109	1	31
16	161	-139.95	10.67	4939		0			238	245	7	43
16	162	-140.04	14.87	4854	130	7	47	49	145.5	150	4.5	50
16	163	-150.29	11.24	5230	55	121	41	72	100	276	176	82
17	164	-161.52	13.20	5485	61	204	52	114	192	265	73	114
17	165	-164.86	8.18	5053	246	44	46	68	246	451	205	85
17	166	-175.08	3.76	4962	160	147	36	117	301	307	6	117
17	167	-176.83	7.07	3176	601	565	38	132	1167	1168	1	132
17	169	173.55	10.67	5391	56	177	41	98	233	238	5	98
17	171	-169.46	19.13	2295	150	100	41	75	269	340	71	94
18	173	-125.45	39.96	2927	285	1	16.4	18.8	289.5	320	30.5	23
20	199	156.17	13.51	6090	285	124	57	67	285	457	172	75
21	207	165.43	-36.96	1389	262	38	40	60	246	357	111	65
21	208	161.22	-26.11	1545	493	101	43	67	576	650	74	68
29	278	160.07	-56.56	3708		0			414.5	429	14.5	30
30	289	158.51	-0.50	2206	1014	259	35	110	1054.6	1262	207.4	110
31	291	127.83	12.81	5237	106	1	35	37	102.8	118	15.2	37
31	292	124.65	15.82	2943	357	1	35	37	351.01	368	16.99	37
31	294	131.39	22.58	5820		0			4.5	112	107.5	45
32	307	161.00	28.59	5696	47	251	96	128	297.5	298	0.5	132
33	315	-158.53	4.17	4164	740	209	30	82	740	996	256	84
33	317	-162.26	-11.00	2598	310	335	32	109	630	910	280	115
35	322	-79.43	-60.02	5026		0			466	513	47	23
35	323	-98.00	-63.68	4993	410	102	20	22	700	701	1	68
58	442	136.06	28.98	4639		0			256.5	289	32.5	17
58	443	137.44	29.33	4386		0			444	582	138	15
59	448	134.87	16.33	3483		0			214	320	106	30
60	458	146.93	17.87	3459		0			247	257	10	30
60	459	147.30	17.87	4120		0			254.5	559	304.5	41
61	462	165.03	7.24	5181	297	150	30	68	540	568	28	94

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62	465	178.92	33.82	2166	49	351	56	98	314	412	98	98
63	473	-107.06	20.97	3249		0			209.5	248.1	38.6	6.5
67	494	-90.93	12.72	5529		0			312.5	336	23.5	70
67	495	-91.04	12.50	4150	356	43	17	18	342	428	86	22
84	567	-90.93	12.72	5529		0			289.5	368	78.5	68
84	569	-90.84	12.94	2800		0			97.1	351	253.9	49
84	570	-91.39	13.29	1718		0			326	374	48	52
85	572	-113.84	1.44	3903	428	1	14	14.5	464.5	479	14.5	15
85	573	-133.32	0.50	4301		0			520.5	529	8.5	34
85	574	-120.33	4.22	4561		0			516	520	4	36
124	770	123.67	5.15	4504		0			425	426	1	42
125	786	141.23	31.88	3058		0			67.1	125	57.9	42
129	800	152.32	21.92	5697	40	189	79	109	488	498	10	130
129	801	156.36	18.64	5685	69	57	74	90	460	492	32	155
129	802	153.21	12.10	5980	293	195	54	96	487.9	509	21.1	107
130	803	160.54	2.43	3410	622	1	44	45	612	631	19	67
130	807	156.63	3.61	2804	968	412	40	108	1368	1380	12	108
138	844	-90.48	7.92	3414.5		0			288	291	3	17
138	845	-94.59	9.58	3704.2		0			285	292	7	15
138	846	-90.82	-3.10	3296		0			395.3	422	26.7	16
138	847	-95.32	0.19	3593	231	56	11	12	232.01	287	54.99	12
138	848	-110.48	-2.99	3856		0			84.2	94	9.8	11
138	849	-110.52	0.18	3851		0			342.01	351	8.99	11.5
138	850	-110.52	1.30	3786		0			399.92	400	0.08	11.5
138	851	-110.57	2.77	3460		0			319.98	321	1.02	11.5
138	852	-110.08	5.29	3860		0			116.5	117	0.5	10.6
138	853	-109.75	7.21	3716		0			11.4	72	60.6	8.7
138	854	-109.59	11.22	3567		0			17	46	29	7.5
145	883	167.77	51.20	2384		0			778	841	63	80
145	887	-148.45	54.37	3634		0			286.7	373	86.3	30
167	1010	-118.10	29.97	3466	208	1.4	13.3	13.6	180.3	209.4	29.1	13.6
167	1011	-117.63	31.28	2022		0			271.7	281.5	9.8	9
167	1020	-126.43	41.00	3042		0			240	279	39	3.8
170	1039	-86.20	9.64	4351		0			418	422	4	16
170	1040	-86.18	9.66	4178		0			638.3	653	14.7	16
192	1183	157.02	-1.18	1805	839	119	33	111	965	987	22	121
192	1185	161.67	-0.36	3899	289	19	37	42	301	309	8	121
192	1186	159.84	-0.01	2729	697	269	38	118	833	969	136	121
199	1215	-147.93	26.03	5396	24.3	42.9	52	56	0	69.2	69.2	56
199	1217	-138.10	16.87	5342	38	90	36	53.6	89.7	129	39.3	56
199	1218	-135.37	8.89	4828	179	89.7	32	41	202.46	276.8	74.34	42
199	1219	-142.02	7.80	5063	226.8	7.4	47.5	50.6	238.07	244.8	6.73	56
199	1220	-142.76	10.18	5218	169.85	27.55	46.82	56	114.33	197.4	83.07	56
199	1221	-143.69	12.03	5175	110	43	45.9	54	114.33	157.3	42.97	57
199	1222	-143.89	13.82	4990	66.6	31.1	40.1	53.5	64.88	97.7	32.82	53.5
201	1225	-110.57	2.77	3760	274	23	10	11	318	319	1	11.5
201	1226	-90.32	-3.09	3297	381	18	15	16	368	418	50	16
202	1236	-81.44	-21.36	1323		0			192.5	222	29.5	25
202	1237	-76.38	-16.01	3212		0			141.8	361	219.2	30
202	1238	-82.78	-1.87	2202	423	8	7	11	381.7	490	108.3	13
202	1239	-82.08	-0.67	1413		0			504.7	515	10.3	15
202	1240	-86.46	0.22	2920		0			254.3	283	28.7	3
202	1241	-86.45	5.84	2027		0			333	395	62	11
206	1256	-91.93	6.74	3635	111	140	11	15	245	251	6	15