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sample#	LOI	SiO2	TiO2	Al2O3	FeO*	MnO	MgO	CaO	Ni	Co	Yb	Cr	Sc	V	Yb	Ce	type	Location	Authors
WW3 12D-1-8		44.83	0.04	2.27	8.11	0.13	43.06	1.51	1890	99	0.171	1773	9.73	40	0.171	0.026	abyssal	Pacific&Indian Ocean Ridge Transform s	Niu[2004]
WW3 12D-1-9		44.79	0.02	1.43	7.43	0.11	45.33	0.83	1770	85	0.117	2411	10.59	47	0.117	0.036	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
WW3 12D-1-11		45.27	0.02	1.11	8.57	0.13	44.00	0.87	1976	106	0.090	2153	9.17	36	0.090	0.013	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
WW3 12D-1-30		45.05	0.04	2.28	8.00	0.13	42.78	1.64	1823	96	0.193	2159	10.83	47	0.193	0.084	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
WW3 12D-1-47		45.15	0.02	1.44	8.06	0.11	44.36	0.82	1775	94	0.110	2455	11.21	47	0.110	0.011	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
WW3 12D-1-62		45.11	0.05	2.35	7.69	0.14	43.49	1.10	1809	86	0.174	2489	9.64	49	0.174	0.194	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
WW3 12D-1-63		44.88	0.04	1.71	7.96	0.12	44.77	0.46	1719	92	0.190	2175	10.26	46	0.190	0.095	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
WW3 12D-1-64		44.92	0.04	2.20	8.29	0.13	42.75	1.14	1777	96	0.165	2242	10.06	46	0.165	0.035	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
WW3 12D-1-66		45.46	0.04	2.23	8.07	0.13	42.46	1.57	1791	94	0.193	2570	10.99	50	0.193	0.038	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
WW3 13D-4-1		46.79	0.04	1.90	7.30	0.16	41.84	1.89	1805	92	0.165	2745	13.25	60	0.165	0.123	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
WW3 13D-4-3		46.44	0.04	1.92	7.25	0.14	41.01	3.02	1493	75	0.181	2757	13.70	58	0.181	0.035	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
WW3 13D-5-1		47.43	0.04	2.02	7.34	0.15	40.59	2.38	1717	96	0.198	3631	16.37	71	0.198	0.023	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
WW3 13D-5-2		47.29	0.04	1.75	7.88	0.17	40.52	2.11	1772	94	0.172	2776	13.19	59	0.172	0.037	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
WW3 13D-6-1		45.08	0.33	2.66	10.20	0.19	39.13	2.13	1583	93		2387	13.52	93			abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
ANTP 84D-10		44.33	0.03	1.23	8.07	0.10	45.81	0.37	1742	82		2095	7.17	38			abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
ANTP 87D-3		44.12	0.01	1.93	8.38	0.13	44.42	0.95	1699	92		3821	11.80	74			abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
ANTP 87D-7		43.92	0.00	1.05	8.55	0.20	45.94	0.27	1936	102		1188	5.95	42			abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
ANTP 125D-9		45.65	0.02	0.87	7.06	0.22	46.09	0.05	1304	79		2654	7.27	29			abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
ANTP 125D-11		44.80	0.03	1.66	7.53	0.12	44.65	1.15	1862	96		2733	10.59	54			abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
ANTP 126D-5		44.72	0.01	1.31	8.16	1.05	43.54	1.17	1839	91		2949	9.27	47			abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
ANTP 134D-1		43.90	0.33	2.05	11.33	0.19	40.24	1.77	1601	79		2679	12.56	46			abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
ANTP 135D-9		44.97	0.01	0.79	8.76	0.13	45.24	0.03	1598	107		2954	8.10	33			abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
ANTP 135D-10		46.58		0.91	7.19	0.25	44.91	0.04	1159	77		1929	6.61	25			abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
CIRCE 82D-2		45.91	0.00	0.69	6.46	0.10	45.27	1.46	1372	60		1694	7.57	26			abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
CIRCE 82D-4		44.96	0.02	0.58	9.34	0.10	44.81	0.05	1266	70		3977	4.54	26			abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
CIRCE 93D-G		43.97	0.02	0.69	10.27	0.10	43.55	1.28	1406	113		2607	5.07	34			abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
CIRCE 93D-J		42.42		0.27	9.72	0.15	44.04	3.24	1747	112	0.028	1256	4.10	22	0.028	0.010	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
CIRCE 97D-6		44.40	0.01	1.26	8.44	0.09	45.07	0.56	1803	101	0.095	3611	10.26	40	0.095	0.119	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
CIRCE 97D-W		46.06	0.02	2.85	7.40	0.14	40.38	3.11	1624	89	0.204	3316	14.39	62	0.204	0.010	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 10D-6		44.67	0.04	1.93	8.29	0.11	43.74	1.04	1670	89	0.178	2662	12.25	56	0.178	0.174	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 13D-43		45.98	0.04	2.15	8.23	0.13	42.63	0.78	1806	94	0.185	2968	13.29	58	0.185	0.293	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 13D-46		45.62	0.02	1.08	8.66	0.12	43.99	0.46	1726	95	0.047	2162	5.47	30	0.047	0.014	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 15D-20		46.62	0.08	2.25	8.61	0.11	40.57	1.45	1780	96	0.269	2259	10.80	52	0.269	1.481	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 15D-35		44.56	0.03	1.96	8.70	0.13	44.22	0.32	1876	101	0.132	2516	10.22	51	0.132	0.060	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 16D-YN1		44.39	0.01	0.62	9.02	0.07	45.86	0.02	1751	89	0.023	2238	5.06	25	0.023	0.126	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 21D-3		45.80	0.01	1.02	7.85	0.10	42.29	2.79	1884	99	0.055	2416	8.99	37	0.055	0.033	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 24D-6		47.03	0.01	1.26	8.12	0.09	42.07	1.31	1906	76	0.094	2827	10.00	49	0.094	0.426	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 24D-35		45.50	0.01	1.03	8.24	0.12	43.84	1.15	1898	97	0.093	2774	9.74	50	0.093	0.027	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 31D-38		42.83	0.02	0.79	9.49	0.07	46.60	0.08	1594	87	0.076	3746	9.37	44	0.076	0.103	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 34D-1		44.82	0.02	0.68	8.07	0.06	46.29	0.03	1422	95	0.067	3686	6.57	32	0.067	0.041	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 38D-1		44.79	0.01	1.61	8.07	0.12	43.44	1.88	1977	103	0.113	2816	11.23	51	0.113	0.057	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 39D-13		45.91	0.01	1.39	8.62	0.12	43.36	0.32	1676	107	0.079	2669	10.66	58	0.079	0.171	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 40D-54		46.89	0.00	0.97	8.12	0.16	42.94	0.74	1815	98	0.102	2387	8.82	55	0.102	0.283	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
AII 93.5 2D-HD1		44.24	0.01	1.42	8.50	0.12	44.96	0.62	1888	103	0.090	2791	10.30	52	0.090	0.047	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
AII 93.5 3D-HD7		45.05	0.04	2.21	9.16	0.16	42.08	1.22	1610	94	0.189	2773	11.69	65	0.189	1.373	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
INMD8 15D-5		44.60	0.08	1.35	8.91	0.15	44.53	0.33	1740	91	0.262	2199	7.96	61	0.262	1.244	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
INMD8 15D-7		44.45	0.01	0.94	9.12	0.10	45.33	0.05	1234	90	0.072	1658	5.29	34	0.072	0.535	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RLF INMD 12D-1		46.39	0.02	1.45	8.26	0.14	43.07	0.53	1833	55	0.080	1646	8.23	50	0.080	0.129	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RLF ANTP 114D-1		45.32	0.03	1.75	8.67	0.10	44.02	0.06	1976	92	0.144	2726	12.57	57	0.144	0.181	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RLF ANTP 117D-3		46.76	0.05	2.13	8.81	0.11	40.00	1.99	1928	96	0.221	2417	12.70	65	0.221	0.497	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-30-42		47.00	0.05	2.38	8.83	0.12	40.97	0.35	954	80	0.133	2522	9.54	59	0.133	0.943	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-30-44		47.22	0.07	2.83	8.74	0.11	38.32	2.48	909	96	0.264	2597	12.91	72	0.264	0.078	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-34-33		46.27	0.03	2.09	9.56	0.12	40.74	0.95	843	105	0.142	3236	11.16	63	0.142	0.463	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]

RC27-9-34-37	46.27	0.02	1.79	8.07	0.07	43.42	0.20	863	81	0.085	2818	9.02	46	0.085	0.019	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-34-43	46.54	0.04	1.70	8.52	0.10	41.82	1.14	929	94	0.124	2808	10.58	50	0.124	0.006	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-34-66	46.87	0.03	2.01	8.99	0.13	40.61	1.15	886	108	0.170	2808	14.00	78	0.170	0.032	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-35-49	46.62	0.02	1.41	8.68	0.08	42.93	0.16	785	80	0.113	2054	9.00	44	0.113	0.038	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-35-63	46.94	0.04	2.20	8.30	0.11	41.34	0.88	673	82	0.143	3365	12.75	61	0.143	0.215	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-35-80	47.22	0.02	1.59	8.44	0.09	42.09	0.49	888	86	0.091	2569	10.11	50	0.091	0.033	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-44-1	47.18	0.03	1.83	8.48	0.10	41.45	0.83	966	94	0.145	2106	10.60	43	0.145	0.607	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
AII93-5-2D-HD7	46.15	0.02	1.06	8.68	0.08	43.42	0.40	675	68	0.083	1444	6.86	32	0.083	0.050	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
AII93-5-3-HD7	46.01	0.06	2.31	9.35	0.15	40.95	1.03	966	103	0.155	2020	10.32	50	0.155	0.593	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
AII93-5-9-HD1	48.18	0.05	3.21	9.02	0.13	37.46	1.72	897	105	0.212	3468	13.01	80	0.212	0.210	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-6--3	45.39	0.09	2.63	8.77	0.13	39.08	3.40	990	100	0.552	2539	13.28	58	0.552	2.213	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-6--8	45.11	0.06	2.17	9.07	0.12	41.16	2.03	908	95	0.827	2843	12.60	57	0.827	4.126	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-18-31	46.59	0.08	3.22	9.23	0.12	38.34	2.05	990	99	0.226	1884	10.87	47	0.226	0.074	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-18-33	45.91	0.07	2.55	8.72	0.12	39.72	2.62	974	97	0.250	2294	12.38	58	0.250	0.314	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-18-37	45.51	0.07	2.57	9.16	0.12	40.06	2.24	971	103	0.246	2527	11.51	56	0.246	0.210	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-18-45	46.59	0.07	2.77	8.74	0.12	39.48	1.90	924	93	0.285	2254	12.88	66	0.285	0.475	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-25-138	46.64	0.07	3.22	8.69	0.12	37.83	3.17	948	99	0.216	3138	12.01	57	0.216	0.018	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-25-141	46.68	0.10	3.27	8.31	0.13	38.40	2.63	818	88	0.226	2775	12.51	57	0.226	0.011	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-30-28	46.19	0.09	3.16	8.01	0.13	38.24	3.99	907	96	0.318	2656	13.69	69	0.318	0.474	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
RC27-9-30-31	48.89	0.07	3.20	8.63	0.13	36.26	2.47	859	98	0.275	2941	14.38	85	0.275	0.091	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
IO11-76-56--1	46.90	0.13	2.42	8.55	0.34	41.12	0.40	1738	111	0.240	2474	10.09	54	0.240	1.590	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
IO11-76-56--6	48.01	0.15	2.79	9.13	0.59	36.73	2.24	1662	156	1.022	2373	11.67	80	1.022	21.982	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
IO11-76-56-18	46.93	0.03	2.33	8.07	0.12	41.97	0.52	1726	102	0.139	3031	10.84	55	0.139	0.127	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
IO11-76-56-23	45.43	0.10	2.63	9.93	0.46	39.88	1.07	1734	122	0.600	3047	10.40	62	0.600	6.362	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
IO11-76-56-26	46.52	0.08	2.44	9.31	0.25	39.27	1.62	1725	118	0.443	2353	11.01	72	0.443	3.838	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
IO11-76-56-30	46.57	0.13	2.78	8.96	0.59	39.11	1.62	1769	127	0.442	2489	11.84	72	0.442	4.287	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
IO11-76-58--3	46.08	0.06	2.37	8.65	0.22	41.09	1.43	1758	110	0.313	2563	11.56	61	0.313	5.871	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
IO11-76-58-34	46.22	0.04	2.42	8.61	0.11	40.25	2.23	1859	101	0.179	2801	11.67	65	0.179	0.106	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
IO11-76-59-24	45.21	0.04	1.90	8.29	0.11	43.97	0.40	1719	86	0.221	2648	10.10	51	0.221	0.322	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
IO11-76-59-49	48.15	0.04	2.20	7.90	0.12	40.05	1.36	1795	109	0.602	2895	10.06	45	0.602	1.403	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
IO11-76-59-51	44.70	0.01	0.96	8.57	0.07	45.62		1577	73	0.044	1925	6.29	29	0.044	0.042	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
IO11-76-59-54	45.15	0.01	1.00	8.42	0.09	45.31	0.00	1768	90	0.044	3273	7.25	35	0.044	0.913	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 5-19--1	45.39	0.05	3.05	7.07	0.11	41.76	2.40	1899	107	0.239	3369	13.10	61	0.239	0.051	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 5-19--9	44.45	0.05	2.40	7.92	0.12	42.81	2.13	1994	111	0.195	2796	11.50	51	0.195	0.073	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 5-15-90	47.42	0.06	2.67	8.54	0.11	37.73	3.18	1576	95	0.188	3328	12.73	74	0.188	0.221	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 5-29-24	45.04	0.04	2.80	7.86	0.31	43.71	0.02	1392	79	0.071	1421	9.55	38	0.071	0.071	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 5-29-31	46.65	0.04	1.35	8.80	0.07	41.62	1.28	1301	95	0.150	2834	11.20	44	0.150	0.834	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 5-30--4	46.13	0.02	1.31	8.41	0.09	43.95	0.05	1699	99	0.068	2524	9.75	44	0.068	0.032	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 5-38-1	45.04	0.02	1.85	8.05	0.12	43.03	1.85	1684	106	0.103	2254	10.77	46	0.103	0.006	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 5-39-6	45.88	0.01	1.32	8.00	0.09	44.56	0.01	1238	92	0.106	3053	8.44	54	0.106	0.179	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Prot 5-40-89	44.86	0.02	1.02	8.95	0.17	44.70		1482	114	0.069	2407	6.07	39	0.069	2.471	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-41-13	46.33	0.08	2.67	9.04	0.14	39.40	2.12	1962	105	0.237	2060	10.28	57	0.237	0.052	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-41-14	47.09	0.09	1.98	8.77	0.12	40.80	1.00	2052	103	0.198	2033	7.50	41	0.198	0.126	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-41-15	46.79	0.10	3.45	8.57	0.13	39.02	1.80	1799	96	0.268	2611	12.01	64	0.268	0.042	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-41-23	46.75	0.04	1.56	8.04	0.13	43.22	0.10	2082	99	0.119	1855	7.11	39	0.119	0.177	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-41-28	45.55	0.06	1.91	8.38	0.12	41.61	2.31	1673	110	0.163	1985	10.52	47	0.163	0.066	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-41-29	45.36	0.06	2.11	8.75	0.11	40.84	2.57	1653	106	0.195	2348	11.37	61	0.195	0.011	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-41-30	44.99	0.06	2.82	9.48	0.12	39.21	3.06	1607	116	0.265	3480	10.98	78	0.265	0.028	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-41-52	45.43	0.06	2.67	8.50	0.11	41.00	2.05	1505	95	0.198	2757	11.46	63	0.198	0.042	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-41-55	45.84	0.06	1.89	8.61	0.12	41.46	1.87	1604	104	0.188	1979	10.24	59	0.188	0.042	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-41-96	45.88	0.06	2.57	8.02	0.10	42.37	0.68	1591	76	0.216	2354	10.73	54	0.216	0.043	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-41-97	46.03	0.07	2.03	9.12	0.10	41.62	0.85	1652	91	0.156	2096	7.26	45	0.156	0.052	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-34-61	48.15	0.04	1.95	6.70	0.09	42.37	0.50	1958	99	0.132	2850	8.90	61	0.132	0.061	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-35-2	48.72	0.04	1.96	8.26	0.09	38.96	1.60	1803	89	0.121	2756	10.74	62	0.121	0.004	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]

Vulcan 5-35-3		44.46	0.13	1.26	12.12	0.10	41.63	0.12	1297	90	0.173	1628	6.32	32	0.173	0.140	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-35-15		45.13	0.03	1.75	8.88	0.10	42.32	1.55	2106	102	0.104	2392	9.89	53	0.104	0.010	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-35-19		47.03	0.07	2.84	8.59	0.11	38.37	2.62	1889	105	0.260	2614	12.38	69	0.260	0.009	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-35-20		47.26	0.03	2.07	7.32	0.08	40.75	2.20	1860	96	0.181	2629	10.85	71	0.181	0.020	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-35-25		47.35	0.03	1.96	8.50	0.10	40.45	1.28	2025	98	0.111	3219	10.62	67	0.111	0.177	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-35-30		46.53	0.03	1.65	9.11	0.12	40.79	1.49	1970	114	0.182	2378	10.18	69	0.182	0.019	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-35-37		47.46	0.03	1.96	8.19	0.12	40.14	1.95	2037	105	0.114	2705	11.04	57	0.114	0.005	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-35-40		47.43	0.03	2.09	9.03	0.11	39.03	2.00	2046	107	0.141	2879	13.38	76	0.141	0.005	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-37-3		46.12	0.04	1.85	9.25	0.09	41.63	0.92	1968	92	0.144	2013	9.87	54	0.144	0.197	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-37-5		47.04	0.08	2.86	8.74	0.10	39.56	1.35	1649	79	0.212	2731	11.89	72	0.212	0.144	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-41-25		46.12	0.13	4.02	7.94	0.12	40.87	0.68	1388	91	0.295	2671	14.73	87	0.295	1.711	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
Vulcan 5-41-26		46.84	0.06	2.30	8.00	0.11	42.25	0.29	1654	93	0.162	2393	9.08	50	0.162	0.243	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
AII107-40-6		47.57	0.02	1.55	8.85	0.15	40.33	1.34	1744	108	0.112	3051	11.60	68	0.112	0.448	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
AII107-40-8		46.07	0.01	1.23	8.98	0.12	42.21	1.21	1715	106	0.082	2449	9.21	55	0.082	0.037	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
AII107-40-23		46.26	0.02	1.52	7.95	0.09	44.07	0.02	1471	89	0.097	2873	7.76	55	0.097	0.225	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
AII107-40-27		46.31	0.01	1.41	9.88	0.12	40.29	1.71	1941	113	0.142	2746	11.96	86	0.142	0.075	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
AII107-60-40		47.06	0.09	3.10	8.02	0.10	38.61	2.53	1862	75	0.225	1940	9.81	73	0.225	0.293	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
AII107-60-51									1668	116	0.282	2450	10.77	81	0.282	0.047	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
AAII107-60-59		48.43	0.03	2.24	8.86	0.13	37.95	1.89	1681	97	0.297	2361	11.59	85	0.297	0.221	abyssal	Pacific&Indian Ocean Ridge	Niu[2004]
JR31/5-2	12.65	44.66	0.08	2.30	9.83	0.15	41.01	1.97	1950		0.277	2340		68	0.277	0.883	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/23-2	13.55	46.33	0.04	1.82	10.56	0.11	40.50	0.63	1895		0.148	2668		82	0.148	0.145	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/28-1	12.68	46.33	0.07	3.24	9.68	0.15	37.77	2.76	1916		0.345	2718		119	0.345	0.027	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/28-2	5.99	45.52	0.06	2.75	8.83	0.14	39.90	2.79	1922		0.364	2818		85	0.364	0.510	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/28-3	13.40	46.12	0.07	2.37	10.25	0.15	39.40	1.64	2161		0.294	2477		107	0.294	0.264	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/28-4	13.47	46.58	0.06	2.29	9.00	0.12	40.80	1.16	1803		0.263	2511		81	0.263	0.267	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/28-8	12.13	45.23	0.06	2.31	8.80	0.13	42.74	0.72	1942		0.218	2471		63	0.218	0.247	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/28-11	12.52	46.33	0.06	2.43	8.97	0.14	40.65	1.44	1919		0.221	2336		83	0.221	0.052	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/28-12	12.71	46.34	0.07	3.03	9.66	0.14	38.64	2.12	1885		0.327	2709		106	0.327	0.027	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/28-29	12.72	46.62	0.09	2.50	9.17	0.13	39.57	1.92	1839		0.363	2752		94	0.363	0.821	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/28-32	12.48	47.17	0.07	2.86	10.41	0.16	36.97	2.35	1840		0.274	2548		107	0.274	0.110	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/28-40	7.75	45.70	0.06	2.87	9.89	0.16	38.28	3.04	2073		0.288	3116		101	0.288	0.393	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/29-6	11.75	47.91	0.03	1.88	10.27	0.13	38.56	1.22	1794		0.184	2570		74	0.184	0.679	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/41-2	14.31	46.72	0.04	2.19	8.92	0.13	41.37	0.63	1707		0.209	2562		77	0.209	0.098	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/52-5	10.39	46.44	0.05	2.59	8.59	0.14	40.74	1.45	1615		0.214	2879		81	0.214	0.086	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/52-9	13.14	46.51	0.04	2.04	8.75	0.12	41.87	0.67	1888		0.117	2325		65	0.117	0.012	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/52-17	11.09	46.23	0.04	2.18	8.45	0.12	41.57	1.40	1886		0.170	2462		62	0.170	0.026	abyssal	Southwest Indian Ridge	Coogan[2006]
JR31/52-18	10.52	47.00	0.05	2.47	8.21	0.13	40.61	1.52	1798		0.169	2701		64	0.169	0.018	abyssal	Southwest Indian Ridge	Coogan[2006]
Shinkai6K/458-3	12.65	46.82	0.06	2.55	8.62	0.11	40.74	1.09	1933		0.252	2509		66	0.252	0.214	abyssal	Southwest Indian Ridge	Coogan[2006]
Shinkai6K/459-1	8.01	46.19	0.06	2.43	8.39	0.14	38.98	3.80	1902		0.343	3018		129	0.343	0.098	abyssal	Southwest Indian Ridge	Coogan[2006]
Shinkai6K/459-2	11.32	46.57	0.08	3.16	10.37	0.16	36.79	2.87	1793		0.289	3486		121	0.289	0.356	abyssal	Southwest Indian Ridge	Coogan[2006]
Shinkai6K/465-2	10.68	47.28	0.11	2.91	9.69	0.16	37.33	2.52	1945		0.258	2347		67	0.258	0.220	abyssal	Southwest Indian Ridge	Coogan[2006]
1W-1(73-77)		45.19	0.02	1.15	8.31	0.14	45.18	0.01	2609					48			abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
2R-1(17-20)		44.81	0.02	1.43	8.83	0.13	44.68	0.10	2561					50			abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
3R-2(98-101)		44.51	0.02	1.31	8.49	0.14	45.51	0.01	2757					50			abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
4R-1(60-63)		45.70	0.02	1.86	8.34	0.13	43.52	0.43	2540					63			abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
5R-3(86-87)		44.62	0.02	1.53	8.80	0.14	44.70	0.18	2526					50			abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
6R-3(20-26)		46.15	0.01	1.56	8.50	0.12	43.33	0.33	2505					53			abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
7R-1(52-58)		45.06	0.01	1.46	8.42	0.11	44.73	0.21	2565					51			abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
7R-2(114-118)		44.03	0.02	1.24	8.29	0.14	46.22	0.06	2638					50			abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
7R-3(15-18)		45.45	0.02	1.41	7.95	0.14	44.70	0.33	2529					55			abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
8R-2(70-77)		44.78	0.01	1.24	8.73	0.12	45.06	0.06	2641					50			abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
8R-3(115-121)		45.17	0.02	1.35	8.23	0.13	44.97	0.13	2815					54			abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
9R-2(36-43)		44.46	0.01	1.07	8.59	0.12	45.60	0.14	2615					44			abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
9R-2(84-91)		45.22	0.02	1.44	8.28	0.13	44.87	0.04	2897					57			abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]

10R-1(17-23)		44.59	0.03	1.53	9.06	0.13	44.57	0.08	2677					58		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
10R-4(139-143)		44.11	0.02	1.34	8.59	0.13	45.57	0.23	2270					48		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
11R-1(119-125)		45.20	0.02	1.51	8.45	0.13	44.32	0.38	3349					58		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
12R-5(10-17)		44.60	0.02	1.43	8.45	0.14	44.34	1.03	2749					57		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
13R-1(33-38)		42.97	0.02	1.28	8.35	0.13	46.35	0.89	2577					44		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
2R-1(21-27)		45.36	0.03	1.51	8.48	0.12	44.16	0.33	2564					53		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
3R-1(38-41)		44.90	0.02	1.46	8.44	0.12	44.99	0.07	2641					50		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
4R-2(97-100)		46.02	0.02	1.52	8.30	0.12	43.62	0.40	2469					55		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
5R-2(33-39)		44.57	0.02	1.61	8.49	0.14	45.06	0.10	2533					54		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
5R-4(0-5)		45.56	0.02	1.48	8.28	0.15	44.50	0.01	2600					57		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
6R-2(45-51)		45.59	0.01	1.31	8.51	0.13	44.42	0.02	2612					49		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
8R-1(123-127)		44.83	0.01	1.34	8.86	0.14	44.73	0.08	2663					50		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
10R-3(74-80)		44.76	0.01	1.36	8.69	0.14	44.74	0.29	2733					50		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
11R-2(63-69)		44.66	0.02	1.52	9.12	0.15	44.49	0.03	2622					54		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
11R-3(22-28)		45.27	0.03	1.51	8.10	0.14	44.65	0.30	2579					59		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
12R-2(119-125)		44.79	0.01	1.31	8.59	0.12	44.94	0.24	2662					49		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
12R-5(23-29)		44.66	0.02	1.38	8.37	0.15	45.16	0.27	2566					56		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
14R-3(82-88)		44.12	0.01	1.44	8.33	0.14	44.38	1.58	2529					51		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
15R-3(40-45)		43.48	0.01	1.51	9.55	0.16	44.70	0.59	2560					51		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
15R-3(48-54)		43.82	0.01	1.37	8.58	0.14	45.07	1.01	2691					50		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
16R-1(98-104)		44.38	0.02	1.52	8.20	0.15	44.56	1.17	2541					51		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
16R-7(54-60)		44.67	0.01	1.32	8.69	0.13	45.05	0.12	2720					48		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
17R-3(37-43)		44.76	0.02	1.54	8.47	0.14	44.68	0.40	2642					55		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
18R-3(75-81)		44.58	0.01	1.42	10.02	0.15	43.67	0.14	2501					55		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
19R-2(13-19)		45.13	0.02	1.37	8.91	0.14	44.17	0.25	2637					53		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
20R-1(103-109)		44.65	0.01	1.39	8.57	0.14	45.01	0.23	2648					51		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
20R-2(24-30)		45.20	0.01	1.67	8.31	0.15	44.39	0.27	2441					63		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
20R-4(38-44)		44.81	0.01	1.51	8.37	0.14	44.76	0.40	2582					56		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
21R-2(40-46)		44.41	0.01	1.53	8.34	0.14	44.82	0.74	2628					54		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
22r-2(86-92)		44.72	0.01	1.49	8.15	0.13	44.05	1.45	2514					49		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
22R-5(104-110)		45.56	0.01	1.64	8.04	0.14	44.03	0.58	2396					57		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
22R-7(16-22)		44.75	0.01	1.52	8.14	0.14	44.02	1.42	2522					52		abyssal	Mid Atlantic Ridge ODP 920 D	Cannat[1995]
895D-2R-1(42-45)		44.11	0.01	0.74	8.28	0.13	45.87	0.85	2312			2331		40		abyssal	Hess Deep	Gillis[1993]
895D-3R-1(48-52)		43.95	0.01	0.79	8.16	0.13	46.44	0.53	2195			2419		26		abyssal	Hess Deep	Gillis[1993]
895D-4R-3(50-56)		43.70	0.01	0.83	8.19	0.12	46.30	0.85	2296			2891		34		abyssal	Hess Deep	Gillis[1993]
895D-6R-1(128-134)		45.44	0.01	0.92	8.04	0.12	44.58	0.88	2123			2845		48		abyssal	Hess Deep	Gillis[1993]
895D-10-W(24-27)		40.67	0.03	0.45	10.27	0.15	48.41	0.02	2298			2283		24		abyssal	Hess Deep	Gillis[1993]
895e-1R-3(0-5)		41.44	0.01	0.71	9.83	0.14	47.85	0.01	2354			2182		33		abyssal	Hess Deep	Gillis[1993]
895E-3R-2(39-46)		41.07	0.02	0.54	11.12	0.17	47.07	0.00	2481			1777		18		abyssal	Hess Deep	Gillis[1993]
895E-4R-1(117-126)		40.48	0.02	0.57	10.36	0.16	48.39	0.01	2383			2102		27		abyssal	Hess Deep	Gillis[1993]
895E-6R-3(89-95)		40.60	0.03	0.73	9.70	0.15	48.72	0.06	2320			1463		15		abyssal	Hess Deep	Gillis[1993]
895E-7R-4(48-51)		43.65	0.01	0.66	8.42	0.12	46.38	0.76	2509			2062		30		abyssal	Hess Deep	Gillis[1993]
895E-8R-3(39-44)		40.61	0.01	0.36	10.45	0.16	48.39	0.02	2393			1725		15		abyssal	Hess Deep	Gillis[1993]
61-78c	1.86	44.61	0.03	2.08	8.28	0.13	43.001	1.78	2262	110		2809		51		abyssal	Antarctic	Snow[1995]
61-78w	4.94	47.53	0.04	3.02	9.37	0.14	37.2351	2.21	2086	124		3604		93		abyssal	Antarctic	Snow[1995]
61-83c	1.6	43.59	0.02	1.88	8.36	0.13	44.5005	1.49	2383	119		2768		49		abyssal	Antarctic	Snow[1995]
61-83w	3.62	47.17	0.04	3.05	8.48	0.11	37.7778	2.98	1935	109		3829		96		abyssal	Antarctic	Snow[1995]
13R1-66	10.95	44.69	0.03	1.67	8.16	0.13	43.30	1.86	2230	118	0.115	3968	17.6	63	0.115	abyssal	ODP 153 920B	Stephens[1995]
12R5-18	12.36	44.11	0.02	1.37	8.30	0.13	43.38	1.51	2310	120	0.099	2805	17.7	56	0.099	abyssal	ODP 153 920B	Stephens[1995]
13R2-114	12.14	43.94	0.02	1.43	8.50	0.13	43.50	1.25	2310			3284				abyssal	ODP 153 920B	Stephens[1995]
2R1-20	12.15	44.38	0.03	1.29	8.79	0.11	43.78	0.28	2469	136	0.086	2874	16.8	56	0.086	abyssal	ODP 153 920B	Stephens[1995]
12R1-132	14.87	40.38	0.01	0.51	9.39	0.12	48.17	0.11	2867	163	0.020	1368	7.3	14	0.020	0.003	abyssal	ODP 153 920B	Stephens[1995]
10R1-102	11.84	44.52	0.02	1.39	8.59	0.10	43.54	0.46	2389	129	0.083	3558	16.8	55	0.083	0.008	abyssal	ODP 153 920B	Stephens[1995]
7R1-131	12.12	44.72	0.03	1.42	8.22	0.13	44.47	0.28	2310	130	0.088	3421	14.6	56	0.088	0.009	abyssal	ODP 153 920D	Stephens[1995]

14R3-7	7.54	43.88	0.02	1.35	8.50	0.14	43.75	2.08	2310	128	0.098	3011	17.5	59	0.098	0.025	abyssal	ODP 153 920D	Stephens[1995]
12R3-29	12.61	44.00	0.03	1.23	8.80	0.13	44.55	0.40	2549	133	0.083	3216	14.0	49	0.083		abyssal	ODP 153 920D	Stephens[1995]
12R5-36	14.97	40.08	0.02	0.73	9.64	0.15	48.46	0.12	2867	159	0.022	3626	6.5	24	0.022		abyssal	ODP 153 920D	Stephens[1995]
12R3-35	10.74	44.79	0.03	1.84	8.11	0.14	43.13	1.17	2150	122	0.122	5132	20.9	76	0.122	0.052	abyssal	ODP 153 920D	Stephens[1995]
5R2-76	12.43	44.15	0.03	1.51	8.40	0.14	44.30	1.07	2230	120	0.100	3695	16.3	61	0.100	0.008	abyssal	ODP 153 920D	Stephens[1995]
2R2-33	10.52	45.42	0.03	1.62	8.11	0.11	43.30	0.61	2230	116	0.108	3558	16.6	62	0.108	0.015	abyssal	ODP 153 920D	Stephens[1995]
14R4-76	10.61	43.79	0.03	1.45	8.52	0.13	44.70	1.40	2389	119	0.081	3832	13.6	52	0.081	0.053	abyssal	ODP 153 920D	Stephens[1995]
15R1-8	11.78	43.47	0.03	1.28	8.38	0.13	44.42	1.94	2389	123	0.093	2942	14.7	54	0.093	0.005	abyssal	ODP 153 920D	Stephens[1995]
22R5-11	12.16	44.69	0.03	1.45	8.35	0.12	44.17	0.77	2310	116	0.099	3489	14.2	53	0.099		abyssal	ODP 153 920D	Stephens[1995]
18R2-35	12.29	44.71	0.03	1.37	8.53	0.12	44.49	0.21	2389	125	0.100	3353	18.0	55	0.100	0.001	abyssal	ODP 153 920D	Stephens[1995]
22R2-69	9.63	44.20	0.03	1.53	8.27	0.13	43.85	1.67	2310	110	0.092	3763	12.9	50	0.092		abyssal	ODP 153 920D	Stephens[1995]
15R5-14	11.42	45.15	0.03	1.56	8.17	0.14	44.04	1.03	2230	114	0.101	3216	15.6	60	0.101		abyssal	ODP 153 920D	Stephens[1995]
22R5-3	11.66	44.75	0.03	1.52	8.38	0.13	43.97	0.73	2230	120	0.101	3421	16.1	61	0.101	0.006			Stephens[1995]
1W1 73-77	12.78	44.61	0.02	1.14	8.20	0.14	44.60	0.10	2628			2121		48			abyssal	ODP 153 920B	Casey[1997]
2R1 17-20	12.10	44.14	0.02	1.41	8.70	0.13	44.01	0.01	2230			2532		43			abyssal	ODP 153 920B	Casey[1997]
3R1 84-90	12.38	44.90	0.02	1.32	8.43	0.14	44.12	0.42	2549			2668		78			abyssal	ODP 153 920B	Casey[1997]
3R2 98-101	12.81	43.74	0.02	1.29	8.34	0.14	44.72	0.00	2788			2600		50			abyssal	ODP 153 920B	Casey[1997]
4R1 60-63	11.51	44.97	0.02	1.83	8.20	0.13	42.82	0.18	2549			3695		63			abyssal	ODP 153 920B	Casey[1997]
5R1 100-106	12.19	44.21	0.03	1.56	8.13	0.12	44.85	0.33	2708		0.230	3353	25.9	88	0.230	1.340	abyssal	ODP 153 920B	Casey[1997]
5R3 86-87	12.26	44.29	0.02	1.52	8.73	0.14	44.37	0.21	2549			2737		50			abyssal	ODP 153 920B	Casey[1997]
6R3 20-26	11.41	46.16	0.01	1.56	8.50	0.12	43.34	0.06	2150			2668		45			abyssal	ODP 153 920B	Casey[1997]
7R1 52-58	11.97	44.49	0.01	1.44	8.31	0.11	44.17	0.33	2628			2668		51			abyssal	ODP 153 920B	Casey[1997]
7R2 114-11?	13.22	44.02	0.02	1.24	8.28	0.14	46.21	0.06	2708			2600		50			abyssal	ODP 153 920B	Casey[1997]
7R3 15-18	12.04	44.86	0.02	1.39	7.84	0.14	44.12	0.13	2549			2942		55			abyssal	ODP 153 920B	Casey[1997]
8R2 70-77	12.51	44.22	0.01	1.22	8.62	0.12	44.49	0.14	2708			2668		50			abyssal	ODP 153 920B	Casey[1997]
8R3 115-120	12.75	44.61	0.02	1.33	8.12	0.13	44.41	0.13	2628			2805		54			abyssal	ODP 153 920B	Casey[1997]
9R2 36-43	12.41	43.87	0.01	1.06	8.47	0.12	45.00	0.14	2788			2600		44			abyssal	ODP 153 920B	Casey[1997]
9R2 84-91	12.77	44.71	0.02	1.42	8.19	0.13	44.37	0.04	2549			2874		57			abyssal	ODP 153 920B	Casey[1997]
10R1 17-23	12.23	43.97	0.03	1.51	8.93	0.13	43.95	0.08	2150			2258	29.2	44			abyssal	ODP 153 920B	Casey[1997]
10R3 5-21	11.63	44.96	0.03	1.30	8.50	0.11	43.07	0.23	2310			2463		79			abyssal	ODP 153 920B	Casey[1997]
10R3 136-143	9.76	45.01	0.03	1.61	8.19	0.14	43.05	0.74	2469			3353		66			abyssal	ODP 153 920B	Casey[1997]
10R4 139-143	13.82	43.88	0.02	1.33	8.55	0.13	45.33	0.23	2788			2258		48			abyssal	ODP 153 920B	Casey[1997]
11R1 0-5	4.05	45.76	0.02	1.31	8.21	0.11	43.63	0.51	2230			2258		60			abyssal	ODP 153 920B	Casey[1997]
11R1 119-125	11.25	44.30	0.02	1.48	8.28	0.13	43.44	0.37	2708			3353		58			abyssal	ODP 153 920B	Casey[1997]
12R1 23-28	10.02	44.23	0.02	1.59	8.12	0.13	43.72	1.17	2389			3011		57			abyssal	ODP 153 920B	Casey[1997]
12R2 77-84	11.07	45.40	0.02	1.57	8.01	0.13	42.31	1.23	2389			2942		62			abyssal	ODP 153 920B	Casey[1997]
12R3 100-106	12.50	44.14	0.02	1.25	8.33	0.13	42.54	1.04	2708			2874		94			abyssal	ODP 153 920B	Casey[1997]
12R5 10-17	11.86	43.81	0.02	1.40	8.29	0.14	43.55	1.01	2628			2737		57			abyssal	ODP 153 920B	Casey[1997]
12R5 32-40	12.28	44.69	0.02	1.43	8.18	0.13	43.13	1.15	2788			2874		74			abyssal	ODP 153 920B	Casey[1997]
12R5 128-133	12.59	43.49	0.02	1.35	8.49	0.13	43.68	0.70	2788			3147		71			abyssal	ODP 153 920B	Casey[1997]
13R1 33-38	12.60	42.63	0.02	1.27	8.28	0.13	45.98	0.88	2788			2600		44			abyssal	ODP 153 920B	Casey[1997]
13R3 15-21	11.85	44.33	0.02	1.34	7.91	0.14	45.19	0.35	2469			3011		74			abyssal	ODP 153 920B	Casey[1997]
13R3 94-103	12.02	44.23	0.03	1.30	8.37	0.18	43.45	0.87	2469			4037		62			abyssal	ODP 153 920D	Casey[1997]
2R1 21-27	11.67	44.75	0.03	1.49	8.37	0.12	43.56	0.33	2628			2874		53			abyssal	ODP 153 920D	Casey[1997]
3R1 38	12.06	44.09	0.02	1.43	8.28	0.12	44.17	0.07	2708			2942		50			abyssal	ODP 153 920D	Casey[1997]
3R1 130	12.05	45.01	0.02	1.54	8.10	0.13	42.73	0.00	2788			3421		62			abyssal	ODP 153 920D	Casey[1997]
4R1 80	8.21	46.54	0.04	1.78	7.62	0.13	40.54	1.30	2310			2874		72			abyssal	ODP 153 920D	Casey[1997]
4R2 45	12.21	43.97	0.02	1.38	8.21	0.12	43.49	0.00	2628		0.210	2942	23.7	63	0.210	1.390	abyssal	ODP 153 920D	Casey[1997]
4R2 97	11.01	45.09	0.02	1.49	8.13	0.12	42.74	0.39	2469			2668		55			abyssal	ODP 153 920D	Casey[1997]
5R1 71	12.47	43.93	0.03	1.45	7.95	0.14	44.19	0.42	2549		0.090	2668	11.6	55	0.090	0.310	abyssal	ODP 153 920D	Casey[1997]
5R2 13	12.29	43.83	0.03	1.54	8.17	0.12	44.48	0.02	2628			2942		63			abyssal	ODP 153 920D	Casey[1997]
5R2 33	12.35	43.51	0.02	1.57	8.28	0.14	43.99	0.10	2549			2942		54			abyssal	ODP 153 920D	Casey[1997]
5R4 0	12.07	44.64	0.02	1.45	8.11	0.15	43.60	0.01	2628			2874		57			abyssal	ODP 153 920D	Casey[1997]
5R4 19		44.65	0.03	1.39	8.44	0.13	43.85	0.04	2947			2874		91			abyssal	ODP 153 920D	Casey[1997]

6R1-82	11.75	44.94	0.02	1.49	8.16	0.12	42.46	0.15	2549			2874		48			abyssal	ODP 153 920D	Casey[1997]
6R2-45	12.50	44.81	0.01	1.29	8.36	0.13	43.66	0.02	2628			2942		49			abyssal	ODP 153 920D	Casey[1997]
7R1-76	5.04	45.77	0.43	1.98	11.62	0.18	35.79	2.26	1991			2053		95			abyssal	ODP 153 920D	Casey[1997]
8R1-123	12.09	43.71	0.01	1.31	8.64	0.14	43.61	0.08	2708			2874		50			abyssal	ODP 153 920D	Casey[1997]
8R2-82	11.07	44.92	0.03	1.67	8.43	0.13	42.59	0.38	2628	0.090		3284		73	0.090	1.690	abyssal	ODP 153 920D	Casey[1997]
10R1-101	12.20	46.02	0.02	1.56	8.22	0.11	42.44	0.00	2310			3011		57			abyssal	ODP 153 920D	Casey[1997]
10R3-15	11.63	44.81	0.03	1.49	7.87	0.11	43.94	0.18	2708			3284		66			abyssal	ODP 153 920D	Casey[1997]
10R3-74	9.00	44.11	0.01	1.34	8.56	0.14	44.09	0.29	2788			2600		50			abyssal	ODP 153 920D	Casey[1997]
11R2-63	12.26	43.70	0.02	1.49	8.92	0.15	43.54	0.03	2628			3421		54			abyssal	ODP 153 920D	Casey[1997]
11R3-22	12.42	44.48	0.03	1.48	7.95	0.14	43.87	0.29	2628			3284		59			abyssal	ODP 153 920D	Casey[1997]
11R4-16	8.89	44.97	0.03	1.83	8.08	0.13	42.82	1.38	1752			3353		53			abyssal	ODP 153 920D	Casey[1997]
12R2-119	12.44	43.68	0.01	1.28	8.37	0.12	43.83	0.23	2708			2600		49			abyssal	ODP 153 920D	Casey[1997]
12R3-50	9.11	47.22	0.04	1.69	7.69	0.14	41.47	1.06	2469			2942		80			abyssal	ODP 153 920D	Casey[1997]
12R5-23	12.76	43.80	0.02	1.35	8.20	0.15	44.29	0.26	2628			2874		56			abyssal	ODP 153 920D	Casey[1997]
13R1-62	12.53	44.63	0.02	1.43	9.18	0.12	43.39	0.51	2469			2463		49			abyssal	ODP 153 920D	Casey[1997]
13R2-51	6.00	44.31	0.02	1.21	8.43	0.13	43.79	0.42	2549			2053		48			abyssal	ODP 153 920D	Casey[1997]
14R3-37	8.86	44.25	0.02	1.38	8.41	0.13	43.48	1.30	2230			2805		41			abyssal	ODP 153 920D	Casey[1997]
14R3-82	10.36	43.26	0.01	1.41	8.17	0.14	43.52	1.55	2549			2942		51			abyssal	ODP 153 920D	Casey[1997]
14R4-103	10.92	43.28	0.02	1.55	7.67	0.13	43.19	1.05	2230	0.220		3147	25.7	53	0.220	1.390	abyssal	ODP 153 920D	Casey[1997]
15R3-40	12.34	42.85	0.01	1.49	9.41	0.16	44.05	0.58	2628			3626		51			abyssal	ODP 153 920D	Casey[1997]
15R3-48	11.91	43.00	0.01	1.34	8.42	0.14	44.23	0.99	2708			2874		50			abyssal	ODP 153 920D	Casey[1997]
16R1-98	11.32	43.79	0.02	1.50	8.09	0.15	43.97	1.15	2549			2805		51			abyssal	ODP 153 920D	Casey[1997]
16R7-54	2.16	44.02	0.01	1.30	8.56	0.13	44.39	0.12	2788			2668		48			abyssal	ODP 153 920D	Casey[1997]
17R3-37	12.17	43.98	0.02	1.51	8.32	0.14	43.90	0.39	2708			3421		55			abyssal	ODP 153 920D	Casey[1997]
18R3-29	11.06	44.10	0.07	1.44	10.07	0.16	40.55	0.32	2310			2463		72			abyssal	ODP 153 920D	Casey[1997]
18R3-75	12.10	43.63	0.01	1.39	9.80	0.15	42.74	0.14	2549			3079		55			abyssal	ODP 153 920D	Casey[1997]
19R2-13	11.86	44.27	0.02	1.34	8.73	0.14	43.33	0.25	2628			2874		53			abyssal	ODP 153 920D	Casey[1997]
20R1-103	12.30	43.79	0.01	1.36	8.40	0.14	44.14	0.23	2708			2874		51			abyssal	ODP 153 920D	Casey[1997]
20R2-24	11.83	44.29	0.01	1.64	8.14	0.15	43.49	0.26	2469			3284		63			abyssal	ODP 153 920D	Casey[1997]
20R4-38	12.02	43.90	0.01	1.48	8.19	0.14	43.85	0.39	2628			3216		56			abyssal	ODP 153 920D	Casey[1997]
21R2-40	12.21	43.55	0.01	1.50	8.18	0.14	43.95	0.73	2628			3147		54			abyssal	ODP 153 920D	Casey[1997]
21R3-57	11.88	43.32	0.02	1.25	9.82	0.14	42.61	0.17	2549			2805		79			abyssal	ODP 153 920D	Casey[1997]
22R2-36	10.15	44.05	0.03	1.52	7.90	0.12	41.83	1.42	2469			3011		69			abyssal	ODP 153 920D	Casey[1997]
22R2-86	9.62	43.58	0.01	1.45	7.94	0.13	42.93	1.41	2549			2668		49			abyssal	ODP 153 920D	Casey[1997]
22R3-6	8.97	44.39	0.03	1.36	8.03	0.13	42.77	1.25	2469			2668		42			abyssal	ODP 153 920D	Casey[1997]
22R4-33	9.91	44.32	0.03	1.75	7.72	0.13	42.90	1.33	2230			3421		53			abyssal	ODP 153 920D	Casey[1997]
22R5-12	12.34	43.64	0.02	1.38	7.96	0.12	43.55	0.32	2469			2463		51			abyssal	ODP 153 920D	Casey[1997]
22R5-104	11.99	44.72	0.01	1.61	7.89	0.14	43.22	0.57	2389			3079		57			abyssal	ODP 153 920D	Casey[1997]
22R6-0	13.66	43.37	0.02	1.18	8.14	0.10	44.19	0.10	2788			2532		60			abyssal	ODP 153 920D	Casey[1997]
22R7-16	10.97	43.94	0.01	1.49	7.99	0.14	43.22	1.39	2549			2668		52					Casey[1997]
12R2-84	13.10	46.69	0.02	1.64	8.32	0.11	40.88	2.18									abyssal	ODP 153 920B	Brandon[2000]
10R3-57	12.07	47.05	0.02	1.82	7.62	0.13	42.81	0.47									abyssal	ODP 153 920D	Brandon[2000]
12R4-33	13.51	46.91	0.01	1.21	8.62	0.12	42.73	0.23									abyssal	ODP 153 920D	Brandon[2000]
12R4-112	12.85	44.42	0.02	1.43	8.48	0.13	44.76	0.60									abyssal	ODP 153 920D	Brandon[2000]
16R5-1	13.46	46.32	0.01	1.52	8.07	0.13	43.20	0.63									abyssal	ODP 153 920D	Brandon[2000]
17R4-04	13.63	47.14	0.01	1.45	8.14	0.13	42.50	0.49											Brandon[2000]
3-9 harz	10.87	44.94	0.06	0.68	9.76	0.07	44.38	0.11	1847	107	0.081	2154	9.6	24	0.081	0.029	abyssal	EPR Hess	Niu[1997]
14-1 haz	10.04	44.34	0.06	0.81	11.86	0.15	41.39	1.39	1816	113	0.139	2168	10.5	28	0.139	0.106	abyssal	EPR Hess	Niu[1997]
14-2 haz	6.21	47.23	0.06	0.81	10.38	0.17	38.10	3.24	1634	111	0.158	2003	11.6	31	0.158	0.169	abyssal	EPR Hess	Niu[1997]
14-5 haz	9.80	44.69	0.11	0.77	12.43	0.18	40.45	1.37	1626	117	0.219	2430	17.8	50	0.219	0.218	abyssal	EPR Hess	Niu[1997]
14-7 haz	9.11	46.05	0.02	0.65	8.81	0.12	43.47	0.88	2218	109	0.044	2664	9.2	23	0.044	0.016	abyssal	EPR Hess	Niu[1997]
14-9 haz	8.18	44.59	0.09	1.02	11.37	0.16	41.92	0.86	2068	115	0.122	4034	10.3	32	0.122	0.086	abyssal	EPR Hess	Niu[1997]
14-14 haz	10.86	44.79	0.07	0.77	11.39	0.15	41.82	1.01	2116	110	0.148	3338	9.5	24	0.148	0.124	abyssal	EPR Hess	Niu[1997]
15-2 haz	9.53	42.87	0.06	0.85	13.48	0.13	42.39	0.22	1982	140	0.097	2320	6.9	13	0.097	0.093	abyssal	EPR Hess	Niu[1997]

15-5 haz	10.54	41.13	0.08	0.51	14.98	0.15	42.98	0.17	1962	133	0.230	1975	7.1	24	0.230	0.278	abyssal	EPR Hess	Niu[1997]
15-10 haz	10.33	47.42	0.02	0.59	9.28	0.13	42.33	0.22	2211	114	0.026	1776	9.3	21	0.026	0.110	abyssal	EPR Hess	Niu[1997]
9-9	14.00	41.52	0.02	1.76	11.57	0.17	44.02	0.93	2077			1937	6.0				abyssal	EPR	Blum[1997]
17-1	10.82	44.57	0.02	0.85	8.32	0.13	42.81	3.28	2294			2467	11.0				abyssal	EPR	Blum[1997]
17-2b	14.15	43.21	0.01	0.65	8.47	0.13	45.38	2.14	2340			1910	9.0				abyssal	EPR	Blum[1997]
17-3	16.10	43.30	0.02	0.75	8.10	0.10	42.50	5.23	2209			1931	8.0				abyssal	EPR	Blum[1997]
17-5	15.92	43.94	0.01	0.80	8.23	0.10	42.63	4.30	2310			1780	8.0				abyssal	EPR	Blum[1997]
17-8	13.99	43.86	0.02	0.86	8.00	0.14	45.98	1.13	2130			2703	9.0				abyssal	EPR	Blum[1997]
17-9	10.81	42.12	0.08	0.78	14.56	0.23	39.93	2.31	1729			2114	15.0				abyssal	EPR	Blum[1997]
17-10	18.81	41.24	0.02	0.68	7.70	0.07	40.26	10.02	1924			1437	8.0				abyssal	EPR	Blum[1997]
17-12	17.56	40.39	0.02	1.34	10.74	0.16	44.21	3.14	2106			2119	5.0				abyssal	EPR	Blum[1997]
17-13	15.87	43.20	0.01	0.99	7.66	0.13	46.70	1.31	2153			1879	7.0				abyssal	EPR	Blum[1997]
17-14	17.02	40.12	0.04	1.63	10.86	0.15	42.69	4.51	2298			2869	5.0				abyssal	EPR	Blum[1997]
17-16	9.91	45.15	0.02	0.86	8.22	0.13	43.30	2.31	2257			2089	11.0				abyssal	EPR	Blum[1997]
99-07	11.08	40.90	0.05	3.89	9.52	0.16	42.24	3.24	2387			2907	6.0				abyssal	EPR	Blum[1997]
99-11	14.49	43.61	0.06	1.40	10.21	0.13	42.23	2.37	2145			1789					abyssal	EPR	Blum[1997]
99-08	13.13	45.71	0.05	1.23	10.45	0.10	42.26	0.21	1886			1563	25.0				abyssal	EPR	Blum[1997]
99-04	12.70	42.66	0.06	0.94	11.69	0.18	43.63	0.84	2120			733					abyssal	EPR	Blum[1997]
99-12	14.48	43.41	0.02	1.92	10.10	0.16	43.16	1.21	2056			3410					abyssal	EPR	Blum[1997]
99-10	14.11	43.18	0.05	3.40	10.00	0.13	42.77	0.47	2396			2888					abyssal	EPR	Blum[1997]
V25-8-T20		40.71	0.12	2.86	7.66	0.10	33.22	2.05									abyssal	MAR 24° and 30°N	Miyashiro[1969].
A150-6-AM3		41.48	0.14	2.28	8.18	0.11	33.60	1.52									abyssal	MAR 24° and 30°N	Miyashiro[1969].
A150-6-AM2		39.28	0.04	1.50	9.49	0.15	33.84	1.52									abyssal	MAR 24° and 30°N	Miyashiro[1969].
A150-6-AM5		39.99	0.06	1.85	8.97	0.16	34.48	1.09									abyssal	MAR 24° and 30°N	Miyashiro[1969].
V25-6-T37		39.17	0.13	1.89	9.78	0.08	34.41	0.94									abyssal	MAR 24° and 30°N	Miyashiro[1969].
V25-6-T143		38.81	0.03	1.26	7.50	0.10	35.33	0.84									abyssal	MAR 24° and 30°N	Miyashiro[1969].
A150-21-AM11		38.75	0.03	1.23	7.88	0.11	35.46	0.84									abyssal	MAR 24° and 30°N	Miyashiro[1969].
A150-21-AM13		38.88	0.03	1.51	7.21	0.09	35.40	0.68									abyssal	MAR 24° and 30°N	Miyashiro[1969].
V25-9-T5		40.80	0.03	2.52	7.43	0.12	35.77	0.60									abyssal	MAR 24° and 30°N	Miyashiro[1969].
V25-9-T8		38.93	0.02	1.71	7.87	0.11	36.54	0.25									abyssal	MAR 24° and 30°N	Miyashiro[1969].
V25-8-T37		39.32	0.02	1.25	7.87	0.11	37.09	0.21									abyssal	MAR 24° and 30°N	Miyashiro[1969].
V25-9-T6		38.94	0.02	1.82	7.69	0.12	36.69	0.13									abyssal	MAR 24° and 30°N	Miyashiro[1969].
V25-6-T60		39.07	0.01	1.50	7.51	0.11	36.70	0.13									abyssal	MAR 24° and 30°N	Miyashiro[1969].
A150-20-AM53		40.82	0.02	1.24	6.93	0.10	35.24	0.13									abyssal	MAR 24° and 30°N	Miyashiro[1969].
A150-20-AM32		39.36	0.00	1.03	6.96	0.09	38.21	0.10									abyssal	MAR 24° and 30°N	Miyashiro[1969].
A150-20-AM5		39.34	0.01	1.50	5.89	0.05	38.45	0.07									abyssal	MAR 24° and 30°N	Miyashiro[1969].
165-1		44.42	0.10	0.81	10.21	0.16	43.56	0.18									abyssal	MAR	Aumento,[1971]
165-2		42.88	0.10	3.42	10.25	0.15	42.46	0.15									abyssal	MAR	Aumento,[1971]
6-1		44.56	0.07	2.61	8.34	0.01	43.15	0.41									abyssal	MAR	Aumento,[1971]
6-5		45.09	0.05	2.44	8.26	0.20	43.16	0.22									abyssal	MAR	Aumento,[1971]
108-3		43.55	0.07	3.32	7.82	0.24	43.97	0.21									abyssal	MAR	Aumento,[1971]
121-1		43.78	0.03	4.56	7.76	0.11	42.97	0.21									abyssal	MAR	Aumento,[1971]
156-10		44.65	0.15	2.63	10.37	0.36	40.72	0.45									abyssal	MAR	Aumento,[1971]
192-1		44.75	0.11	1.76	9.20	0.10	42.37	1.15									abyssal	MAR	Aumento,[1971]
192-3		44.92	0.09	1.02	8.68	0.20	43.46	1.12									abyssal	MAR	Aumento,[1971]
182-1		42.45	0.13	2.56	5.59	1.08	34.16	13.64									abyssal	MAR	Aumento,[1971]
159-10		37.65	0.20	1.45	10.91	0.15	36.11	10.64									abyssal	MAR	Aumento,[1971]
159-23		43.81	0.09	2.55	10.63	0.06	35.43	4.04									abyssal	MAR	Aumento,[1971]
165-8		41.76	0.16	6.38	8.81	0.21	37.62	3.91									abyssal	MAR	Aumento,[1971]
2r-1	12.12	49.67	0.00	0.36	7.44	0.13	46.61	2.57	2986	111	0.016	2.3	17	0.016	0.012	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]	
3r-cc	12.26	50.72	0.00	1.14	8.50	0.12	46.67	0.79	2593	108	0.046	10.3	46	0.046	0.016	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]	
8r-1	11.38	47.86	0.00	0.70	8.58	0.13	49.83	0.73	2515	111	0.011	7.6	20	0.011	0.005	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]	
9r-2(11-15)	13.16	47.38	0.00	0.71	8.21	0.12	50.49	0.76	2593	110	0.013	4.5	13	0.013	0.005	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]	
9r-2(22-26)	10.78	48.40	0.00	0.81	8.10	0.13	49.31	0.89	2436	106	0.014	7.3	24	0.014	0.006	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]	

11r-1	16.67	46.54	0.00	0.21	8.62	0.12	52.33	0.45	2750	112	0.005		2.6	10	0.005	0.003	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
14r-2	9.00	48.42	0.00	0.94	8.72	0.13	48.81	1.18	2436		0.033		5.3	32	0.033	0.008	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
16r-2	9.77	47.90	0.00	0.77	8.53	0.13	49.74	0.83	2436		0.022		3.8	27	0.022	0.008	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
19r-2(108-113)	10.28	48.70	0.00	0.86	8.35	0.13	48.74	0.92	2436		0.027		3.9	30	0.027	0.005	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
19r-2(132-140)	9.62	45.86	0.00	0.21	8.25	0.13	53.00	0.15	2593		0.005		2.6	11	0.005	0.015	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
19r-3	9.60	47.62	0.00	0.53	8.29	0.13	50.75	0.32	2593		0.006		3.8	23	0.006	0.016	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
24r-1	17.55	46.63	0.00	0.41	8.79	0.14	51.36	0.53	2593		0.005		2.5	14	0.005	0.006	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
25r-1	11.47	48.29	0.00	0.83	8.19	0.12	49.51	0.59	2436		0.019		3.1	25	0.019	0.003	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
26r-2(18-25)	9.75	48.40	0.00	0.89	8.78	0.13	49.02	1.02	2436	111	0.029		4.1	35	0.029	0.005	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
26r-2(28-33)	8.70	48.84	0.00	0.97	8.64	0.13	48.36	1.17	2357	106	0.031		4.1	40	0.031	0.005	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
26r-3(3-9)	8.05	48.82	0.00	0.95	8.85	0.14	48.36	1.17	2436	109	0.035		3.9	34	0.035	0.008	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
26r-3(103-107)	13.89	47.49	0.00	0.88	8.10	0.12	50.23	0.76	2515	111	0.035		2.6	46	0.035	0.005	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
32r-3	14.70	44.13	0.00	0.13	8.16	0.11	54.78	0.33	2986	118	0.005		1.5	10	0.005	0.005	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
35r-1	13.31	45.95	0.00	0.37	8.39	0.13	52.70	0.40	2750	-	0.013		2.1	11	0.013	0.005	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
6r-1	11.76	49.02	0.00	1.02	7.95	0.13	48.30	0.84	2278	104	0.025			28	0.025	0.002	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
13r-1	6.67	47.66	0.00	0.72	8.79	0.14	49.92	0.95	2515	113	0.031			31	0.031	0.004	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
18r-1(64-71)	13.81	47.31	0.00	0.57	9.23	0.14	50.51	0.85	2515	114	0.029			26	0.029	0.010	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
18r-1(119-124)	13.82	48.18	0.00	0.85	8.79	0.14	49.24	1.00	2357	111	0.037			32	0.037	0.011	odp forearc	Izu-Bonin-Mariana Forarc (ODP leg 1	Parkinson[1997]
38r-2	17.58	46.28	0.00	0.46	8.62	0.15	51.77	0.40	2672	114	0.009		5.4	14	0.009	0.004	odp forearc	Tarishima Forearc Seamount	Parkinson[1997]
40r-2	17.01	44.53	0.00	0.13	9.30	0.13	54.63	0.23	2986	123	0.008		2.9	7	0.008	0.003	odp forearc	Tarishima Forearc Seamount	Parkinson[1997]
42r-1	14.44	48.42	0.00	0.68	8.28	0.13	49.82	0.72	2436	107	0.019		5.0	16	0.019	0.006	odp forearc	Tarishima Forearc Seamount	Parkinson[1997]
45r-1	13.04	47.28	0.00	0.41	8.42	0.13	51.15	0.57	2672	111	0.009		2.3	17	0.009	0.004	odp forearc	Tarishima Forearc Seamount	Parkinson[1997]
45r-2	23.75	48.03	0.00	0.53	8.31	0.13	50.34	0.40	2515	107	0.012		5.3	19	0.012	0.005	odp forearc	Tarishima Forearc Seamount	Parkinson[1997]
45r-cc	14.97	47.49	0.00	0.62	8.63	0.13	50.51	0.68	2515	111	0.017		5.7	19	0.017	0.003	odp forearc	Tarishima Forearc Seamount	Parkinson[1997]
2C15-D	12.50	44.26	0.00	0.64	7.01	0.10	47.82	0.16	2283	101	0.004	2605	5.9	12	0.004	0.128	oro massif	Dabie Sulu	Song[2007]
2C26-G-D	9.69	45.44	0.04	1.83	7.16	0.11	44.17	1.26	2125	106	0.140	2145	9.4	26	0.140	1.460	oro massif	Dabie Sulu	Song[2007]
2C27-G-L	9.29	46.04	0.04	4.12	7.52	0.12	39.16	3.00	1864	104	0.390	2341	9.1	50	0.390	2.960	oro massif	Dabie Sulu	Song[2007]
2C34-G-L	2.83	47.41	0.07	3.71	12.64	0.17	33.10	2.91	1724	170	0.300	1690	20.4	74	0.300	0.630	oro massif	Dabie Sulu	Song[2007]
2C36-G-D	11.76	44.38	0.02	1.35	7.35	0.11	46.39	0.40	2207	102	0.650	2505	6.7	20	0.650	0.540	oro massif	Dabie Sulu	Song[2007]
2C37-G-D	9.44	44.83	0.02	2.09	7.60	0.12	44.00	1.33	2143	107	0.180	2139	10.2	29	0.180	1.500	oro massif	Dabie Sulu	Song[2007]
2C39-G-D	8.39	45.65	0.01	2.02	7.16	0.10	43.34	1.72	2153	102	0.170	1725	8.1	32	0.170	2.260	oro massif	Dabie Sulu	Song[2007]
2C41-G-L	4.15	48.29	0.06	3.99	10.13	0.15	35.04	2.34	1573	124	0.190	5660	21.2	85	0.190	0.520	oro massif	Dabie Sulu	Song[2007]
2C42-G-L	7.70	46.10	0.19	3.93	8.29	0.13	38.35	3.01	1870	112	0.340	2290	14.6	72	0.340	2.560	oro massif	Dabie Sulu	Song[2007]
2C50-G-L	0.53	52.16	0.10	4.70	9.01	0.19	24.90	8.94	1049	126	0.610	2855	32.1	172	0.610	2.430	oro massif	Dabie Sulu	Song[2007]
2C30-G-D	13.60	45.47	0.01	1.42	7.21	0.04	45.56	0.28	2188	84	0.075	2442	8.2	26	0.075	0.637	oro massif	Dabie Sulu	Song[2007]
2C40-G-D	11.19	45.05	0.05	2.88	7.79	0.12	42.46	1.66	1876	90	0.289	2487	14.4	44	0.289	2.572	oro massif	Dabie Sulu	Song[2007]
2C43-G-D	10.65	44.96	0.03	1.39	7.40	0.10	45.12	1.00	2446	105	0.112	2001	7.7	22	0.112	1.100	oro massif	Dabie Sulu	Song[2007]
2C45-D	15.73	47.63	0.01	0.44	6.57	0.05	45.24	0.06	2438	94	0.033	2359	3.8	15	0.033	0.460	oro massif	Dabie Sulu	Song[2007]
2C46-G-L	6.58	46.90	0.08	3.25	10.32	0.15	37.27	2.03	1593	113	0.171	5104	21.9	93	0.171	0.635	oro massif	Dabie Sulu	Song[2007]
2C47-G-L	4.13	46.88	0.07	4.11	10.62	0.16	35.26	2.90	1472	113	0.272	4975	21.4	94	0.272	0.692	oro massif	Dabie Sulu	Song[2007]
2C49-G-L	3.56	48.29	0.08	4.95	10.46	0.18	32.55	3.49	1485	107	0.390	5120	27.7	115	0.390	0.897	oro massif	Dabie Sulu	Song[2007]
2C58-G-L	4.49	46.65	0.08	5.17	10.61	0.19	33.94	3.36	1522	106	0.427	4560	25.0	103	0.427	0.754	oro massif	Dabie Sulu	Song[2007]
2C59-G-L	4.30	48.08	0.09	4.74	10.05	0.18	33.21	3.64	1351	102	0.286	4836	27.1	123	0.286	0.750	oro massif	Dabie Sulu	Song[2007]
BPP008	9.31	45.231	0.10	3.47	7.57	0.10	39.76	2.01	1585	78	0.360	2223	16.7	69	0.360	1.139	oro massif	Buffalo Pitts	Canil[2003]
KE001	9.18	45.2654	0.11	3.20	8.14	0.11	39.36	2.42	1954	96	0.393	2286	14.5	65	0.393	1.888	oro massif	Buffalo Pitts	Canil[2003]
KE003	7.42	44.5777	0.11	3.07	8.08	0.11	39.70	2.72	2793	148	0.267	3234	13.1	74	0.267	0.638	oro massif	Buffalo Pitts	Canil[2003]
BPP009	9.73	44.9651	0.08	2.69	8.37	0.11	40.99	1.50	2026	102	0.262	2478	14.2	60	0.262	1.189	oro massif	Buffalo Pitts	Canil[2003]
DC00.04	9.39	45.3482	0.10	3.39	8.12	0.11	39.30	2.28	1958	97	0.304	2564	13.9	68	0.304	1.626	oro massif	Buffalo Pitts	Canil[2003]
DC00.5	9.27	45.156	0.10	3.03	8.19	0.11	39.74	2.06	1969	103	0.311	2297	13.2	74	0.311	1.931	oro massif	Buffalo Pitts	Canil[2003]
75B-18-1		42.28	0.06	0.64	8.79	0.13	47.63	0.44	2600			2100		18			oro massif	Balmuccia,N. Italy	Shervais[1991]
75B-18-6		46.19	0.11	3.09	7.51	0.13	39.77	3.16	2050			2730	11.0	70			oro massif	Balmuccia,N. Italy	Shervais[1991]
75B-55		45.53	0.12	3.60	8.39	0.13	39.55	2.62	2160			2670	6.0	72			oro massif	Balmuccia,N. Italy	Shervais[1991]
76B-158L		46.36	0.22	4.04	8.19	0.13	37.51	3.32	1870			2460	7.0	83			oro massif	Balmuccia,N. Italy	Shervais[1991]
76B-333-2		41.87	0.47	3.40	8.89	0.14	41.71	3.29	2190			2080	0.0	71			oro massif	Balmuccia,N. Italy	Shervais[1991]

BAM-1A	0.47	45.17	0.05	2.42	8.25	0.13	41.13	2.32	2170	106	0.130	2690	11.6	61	0.130	0.090	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-1B	0.57	45.00	0.06	2.42	8.25	0.13	41.17	2.42	2280	109	0.140	2700	12.5	62	0.140	0.090	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-2A	0.37	45.17	0.21	4.94	8.22	0.14	35.79	4.94	1850	101	0.590	2240	21.6	130	0.590	1.520	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-2B	0.37	45.13	0.21	5.04	7.90	0.13	35.56	5.44	1830	97	0.580	2135	22.2	130	0.580	1.610	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-3	0.17	45.00	0.08	3.22	8.62	0.14	39.36	3.02	1975	106	0.300	2685	14.2	78	0.300	0.150	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-4	0.17	44.85	0.10	3.23	8.81	0.14	39.41	2.92	2040	106	0.300	2692	15.1	79	0.300	0.330	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-5	0.30	45.37	0.07	2.82	8.64	0.14	39.62	2.82	2010	103	0.270	2612	14.9	74	0.270	0.180	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-6	0.08	45.15	0.14	3.61	8.87	0.14	38.33	3.21	1900	108	0.380	2472	15.4	85	0.380	0.650	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-7A	0.23	44.75	0.10	3.02	8.72	0.14	40.02	2.71	2060	106	0.270	2639	14.1	76	0.270	0.310	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-7B	0.18	44.91	0.11	3.02	8.49	0.14	40.08	2.72	2075	107	0.270	2640	14.0	75	0.270	0.310	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-8	0.85	45.56	0.10	3.24	8.26	0.14	39.08	3.04	2090	105	0.320	2715	13.8	78	0.320	0.250	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-9	0.34	45.57	0.08	2.82	8.32	0.14	39.72	2.82	2055	106	0.280	2589	14.6	74	0.280	0.100	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-10	0.35	45.19	0.08	3.23	8.25	0.14	39.54	3.03	2095	108	0.280	2580	14.1	79	0.280	0.080	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-11	0.19	45.30	0.07	2.82	8.25	0.13	40.17	2.72	2060	107	0.290	2692	14.6	76	0.290	0.090	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-12A	0.73	45.66	0.10	2.43	7.81	0.13	40.19	3.14	2100	105	0.230	2600	17.1	79	0.230	0.350	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-12B	0.61	45.03	0.07	2.02	8.30	0.13	41.90	2.02	2180	112	0.170	2780	11.0	62	0.170	0.310	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-13A	0.74	45.48	0.12	3.85	8.34	0.13	37.78	3.75	1890	102	0.360	2384	18.9	100	0.360	0.350	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAM-13B	0.73	45.27	0.13	3.84	8.41	0.13	38.00	3.64	2060	103	0.360	2380	18.0	100	0.360	0.350	oro massif	Balmuccia,N. Italy	Hartmann[1993]
BAD-1A	0.31	44.90	0.10	3.22	8.28	0.13	39.86	2.92	2045	107	0.310	2627	14.2	77	0.310	0.130	oro massif	Baldisero,N. Italy	Hartmann[1993]
BAD-1B	0.38	45.09	0.09	2.93	8.32	0.14	40.25	2.62	2035	109	0.300	2625	12.0	65	0.300	0.130	oro massif	Baldisero,N. Italy	Hartmann[1993]
BAD-3A	0.35	44.73	0.10	3.02	8.41	0.14	40.40	2.62	2060	110	0.300	2623	13.9	68	0.300	0.350	oro massif	Baldisero,N. Italy	Hartmann[1993]
BAD-3B	0.28	44.49	0.07	2.72	8.43	0.14	41.27	2.32	2180		0.300	2650	13.5	64	0.300	0.330	oro massif	Baldisero,N. Italy	Hartmann[1993]
BAD-3C	0.28	45.33	0.07	2.86	7.65	0.14	40.94	2.45	2110		0.300	2600	14.0	65	0.300	0.360	oro massif	Baldisero,N. Italy	Hartmann[1993]
BAD-4	0.35	44.59	0.08	3.12	8.09	0.14	40.57	2.82	2085	101	0.320	2692	14.1	74	0.320	0.170	oro massif	Baldisero,N. Italy	Hartmann[1993]
BAD-5	0.57	45.13	0.08	3.12	8.23	0.14	39.89	2.82	2030	107	0.300	2612	13.9	72	0.300	0.090	oro massif	Baldisero,N. Italy	Hartmann[1993]
BAD-7A	1.70	45.40	0.09	3.37	8.29	0.13	39.17	2.96	2055	105	0.320	2580	15.0	77	0.320	0.130	oro massif	Baldisero,N. Italy	Hartmann[1993]
BAD-7B	1.40	45.18	0.09	3.85	8.02	0.13	39.10	3.04	1990	104	0.310	2590	14.8	76	0.310	0.130	oro massif	Baldisero,N. Italy	Hartmann[1993]
BAD-8	0.95	45.25	0.08	3.34	8.06	0.13	39.68	2.83	2050	108	0.290	2715	14.5	74	0.290	0.110	oro massif	Baldisero,N. Italy	Hartmann[1993]
BAD-9	0.44	44.94	0.08	3.22	8.22	0.13	39.90	2.92	2050	107	0.290	2632	15.2	75	0.290	0.090	oro massif	Baldisero,N. Italy	Hartmann[1993]
BAD-10	0.62	45.03	0.08	3.33	8.24	0.13	39.67	2.93	2015	108	0.290	2644	14.2	76	0.290	0.080	oro massif	Baldisero,N. Italy	Hartmann[1993]
BAD-11	0.46	44.45	0.07	2.62	8.44	0.13	41.53	2.22	2265	112	0.260	2600	12.6	62	0.260	0.080	oro massif	Baldisero,N. Italy	Hartmann[1993]
FIN-1	0.56	45.13	0.04	1.92	8.10	0.13	42.21	1.82	2280	116	0.090	2750	11.6	53	0.090	0.230	oro massif	Finero,N. Italy	Hartmann[1993]
FIN-2	0.28	44.61	0.02	1.51	8.06	0.13	43.71	1.41	2370	115	0.070	2884	11.3	50	0.070	0.150	oro massif	Finero,N. Italy	Hartmann[1993]
FIN-3A	0.52	44.70	0.01	1.21	8.17	0.13	44.19	1.11	2400	113	0.050	2886	11.3	49	0.050	0.050	oro massif	Finero,N. Italy	Hartmann[1993]
FIN-3B	0.72	44.87	0.02	1.21	8.19	0.13	43.86	1.21	2440	113	0.050	3024	11.7	50	0.050	0.040	oro massif	Finero,N. Italy	Hartmann[1993]
FIN-4	0.17	44.31	0.02	0.90	7.74	0.12	45.52	0.70	2450	117	0.030	3269	6.9	20	0.030	1.720	oro massif	Finero,N. Italy	Hartmann[1993]
FIN-5	0.21	43.58	0.02	0.50	7.95	0.12	45.39	1.91	2475	119	0.030	3145	7.5	15	0.030	1.530	oro massif	Finero,N. Italy	Hartmann[1993]
FIN-6	0.23	44.34	0.04	0.80	7.84	0.12	44.94	1.30	2500	120	0.040	3177	7.0	15	0.040	1.150	oro massif	Finero,N. Italy	Hartmann[1993]
FIN-7	0.34	42.98	0.03	1.31	7.77	0.12	45.90	1.01	2705	120	0.040	2950	7.3	32	0.040	2.110	oro massif	Finero,N. Italy	Hartmann[1993]
FIN-8	0.54	44.22	0.02	0.91	7.88	0.13	45.53	0.71	2480	120	0.030	3072	6.5	20	0.030	1.230	oro massif	Finero,N. Italy	Hartmann[1993]
FIN-11	0.60	45.14	0.02	1.11	8.28	0.13	43.72	1.11	2400	114	0.060	3862	11.0	43	0.060	1.230	oro massif	Finero,N. Italy	Hartmann[1993]
FIN-12	0.99	44.25	0.11	2.22	7.97	0.12	42.33	1.92	2280	115	0.140	2800	10.5	51	0.140	7.870	oro massif	Finero,N. Italy	Hartmann[1993]
116		41.62	0.03	0.42	9.24	0.13	48.30	0.22	2430			2720	4.9	25			oro massif	Lanzo	Bodinier[1988]
61		41.62	0.03	0.55	9.09	0.13	48.33	0.21	2600			2875	4.4	23			oro massif	Lanzo	Bodinier[1988]
73		41.76	0.04	0.88	9.45	0.13	47.44	0.26	2585			2805	4.6	21			oro massif	Lanzo	Bodinier[1988]
59		41.71	0.04	2.30	9.64	0.13	44.94	1.20	2460			4160	6.8	35			oro massif	Lanzo	Bodinier[1988]
120		46.29	0.06	1.31	8.07	0.12	43.25	0.86	2120			2800	11.8	53			oro massif	Lanzo	Bodinier[1988]
52		44.99	0.05	1.44	7.88	0.12	44.13	1.35	2270			2745	8.9	45			oro massif	Lanzo	Bodinier[1988]
9		45.09	0.06	1.44	7.79	0.11	43.86	1.61	2270			2775	10.3	50			oro massif	Lanzo	Bodinier[1988]
7		44.31	0.09	1.56	8.52	0.12	44.26	1.10	2225			2370	9.4	50			oro massif	Lanzo	Bodinier[1988]
54		46.10	0.09	2.24	7.95	0.12	41.22	2.24	2140			2500	12.9	66			oro massif	Lanzo	Bodinier[1988]
56		46.11	0.09	2.59	8.23	0.13	40.31	2.51	2130			2495		78			oro massif	Lanzo	Bodinier[1988]
53		46.30	0.08	2.61	7.94	0.13	40.51	2.40	2100			2400	14.2	75			oro massif	Lanzo	Bodinier[1988]
2		44.79	0.11	2.72	8.28	0.13	41.29	2.62	2140			2615	14.1	79			oro massif	Lanzo	Bodinier[1988]

82	46.31	0.09	2.77	8.23	0.14	39.56	2.87	2105	2520	14.6	75	oro massif	Lanzo	Bodinier[1988]
74	46.25	0.11	2.88	8.17	0.13	39.74	2.67	2075	2445	13.5	75	oro massif	Lanzo	Bodinier[1988]
84	46.38	0.10	2.89	8.15	0.13	39.69	2.63	2070	2440		75	oro massif	Lanzo	Bodinier[1988]
85	46.33	0.10	2.93	8.09	0.13	39.41	3.00	2080	2495		77	oro massif	Lanzo	Bodinier[1988]
77	46.37	0.11	3.29	8.16	0.13	38.84	3.08	2010	2500	14.9	82	oro massif	Lanzo	Bodinier[1988]
92	46.41	0.13	3.37	8.16	0.13	38.75	2.99	1995	2610	15.0	86	oro massif	Lanzo	Bodinier[1988]
70	45.68	0.14	3.26	8.30	0.14	39.54	2.89	1970	2355		78	oro massif	Lanzo	Bodinier[1988]
62	46.42	0.14	3.36	8.02	0.14	38.90	2.97	2000	2870	13.7	79	oro massif	Lanzo	Bodinier[1988]
101	46.65	0.17	3.74	8.23	0.13	37.76	3.27	2000	2125		85	oro massif	Lanzo	Bodinier[1988]
524	44.74	0.20	4.04	8.14	0.12	38.94	3.77					oro massif	Lanzo	Bodinier[1988]
70-120	45.25	0.00	3.62	8.15	0.17	38.99	3.34		2240	14.6	74	oro massif	NE Pyrenees	Fabries[1989]
70-122	44.30	0.00	1.95	8.71	0.12	43.40	1.24		2060	6.7	40	oro massif	NE Pyrenees	Fabries[1989]
70116	46.55	0.00	2.92	7.84	0.10	38.14	3.92		2420	13.9	73	oro massif	NE Pyrenees	Fabries[1989]
70-118	44.56	0.00	3.10	7.86	0.13	40.53	3.33		2230	13.4	68	oro massif	NE Pyrenees	Fabries[1989]
70-112	45.36	0.00	3.61	7.69	0.17	39.24	3.37		2500	15.0	77	oro massif	NE Pyrenees	Fabries[1989]
70-189	44.10	0.00	3.47	7.95	0.14	39.78	4.04		2380	14.1	70	oro massif	NE Pyrenees	Fabries[1989]
70-192	44.24	0.00	3.40	8.68	0.14	38.21	4.49		2150	14.2	76	oro massif	NE Pyrenees	Fabries[1989]
COSS1	45.36	0.00	2.90	8.24	0.13	38.41	4.28		2485	15.7	79	oro massif	NE Pyrenees	Fabries[1989]
70-195	41.85	0.00	3.44	8.39	0.11	38.90	6.08		2200	13.9	82	oro massif	NE Pyrenees	Fabries[1989]
70-5	44.66	0.00	3.26	8.31	0.17	38.63	4.00		2280	14.2	85	oro massif	NE Pyrenees	Fabries[1989]
70-19	45.48	0.00	3.66	8.25	0.18	37.70	3.60		2580	15.6	90	oro massif	NE Pyrenees	Fabries[1989]
COSS3	45.79	0.00	3.93	8.14	0.13	36.41	4.47		2705	17.3	93	oro massif	NE Pyrenees	Fabries[1989]
73-104	44.08	0.05	0.66	7.92	0.13	46.72	0.40		1725	5.6	34	oro massif	Lherz	Bodinier[1988]
71-325	45.08	0.02	0.67	7.78	0.13	45.84	0.42		2270	6.5	32	oro massif	Lherz	Bodinier[1988]
71-322	46.34	0.05	1.44	8.24	0.13	42.65	1.01		1865	8.3	48	oro massif	Lherz	Bodinier[1988]
71-107	45.62	0.03	1.73	7.66	0.13	43.23	1.45		3010	11.0	55	oro massif	Lherz	Bodinier[1988]
71-324	45.30	0.14	2.95	8.16	0.14	40.33	2.74		2420	14.5	77	oro massif	Lherz	Bodinier[1988]
70-321	45.53	0.13	3.13	7.83	0.14	39.77	3.17		3490	15.4	85	oro massif	Lherz	Bodinier[1988]
71-367	45.95	0.14	3.54	7.72	0.14	38.74	3.38		395	16.2	88	oro massif	Lherz	Bodinier[1988]
71-326	46.01	0.17	3.75	8.41	0.15	38.01	3.23		2325	15.6	87	oro massif	Lherz	Bodinier[1988]
FON-14	44.90	0.04	0.68	7.88	0.11	45.72	0.63		2935		35	oro massif	Fontete Rouge	Bodinier[1988]
72-432	44.23	0.05	0.73	8.26	0.12	45.65	0.91		2735		35	oro massif	Fontete Rouge	Bodinier[1988]
71-228	45.36	0.04	1.87	7.86	0.12	43.18	1.44		2285	8.2	50	oro massif	Fontete Rouge	Bodinier[1988]
FON-27	46.93	0.12	3.28	7.60	0.12	38.45	3.23		2235		90	oro massif	Fontete Rouge	Bodinier[1988]
73-151	46.51	0.12	3.54	8.12	0.12	38.16	3.16		2500		90	oro massif	Fontete Rouge	Bodinier[1988]
72-425	46.04	0.15	2.63	8.29	0.14	40.14	2.38		2490	13.4	78	oro massif	Freychinede	Bodinier[1988]
71-335	45.52	0.13	2.72	8.08	0.14	40.65	2.52		2260	13.3	72	oro massif	Freychinede	Bodinier[1988]
71-336	45.42	0.15	3.24	7.78	0.13	39.78	3.21		2320	15.0	82	oro massif	Freychinede	Bodinier[1988]
71-339	46.09	0.18	3.40	7.99	0.14	39.01	2.91		2430	15.0	85	oro massif	Freychinede	Bodinier[1988]
PCOU-2	46.09	0.10	2.69	8.04	0.13	39.91	2.81	2110	2880	13.5	75	oro massif	Pic couder	Bodinier[1988]
PCOU-1	46.07	0.10	2.91	7.82	0.13	39.76	2.96	2035	2490	11.5	78	oro massif	Pic couder	Bodinier[1988]
PCOU-3	46.27	0.10	2.94	8.06	0.13	39.42	2.86	2000	2855	14.0	85	oro massif	Pic couder	Bodinier[1988]
POR-1	45.61	0.08	2.90	7.91	0.13	40.53	2.64	2095	2190	10.9	78	oro massif	Porteteny	Bodinier[1988]
POR-3	45.93	0.12	3.13	7.93	0.13	39.57	2.98	2045	2440	14.0	83	oro massif	Porteteny	Bodinier[1988]
POR-2	46.88	0.13	3.30	7.72	0.13	38.42	3.18	1960	2375	15.1	90	oro massif	Porteteny	Bodinier[1988]
SEM-2	45.72	0.13	3.43	8.08	0.14	38.93	3.23	2000	2325	14.3	88	oro massif	Sem	Bodinier[1988]
SEM-1	46.43	0.17	3.67	8.50	0.14	37.38	3.37	1900	2450	13.0	90	oro massif	Sem	Bodinier[1988]
72-280	46.88	0.16	2.87	7.92	0.13	38.43	3.32		2360	14.4	76	oro massif	B	Bodinier[1988]
70-120	45.18	0.21	3.62	8.14	0.17	38.92	3.33		2240	14.6	74	oro massif	C	Bodinier[1988]
PGER-3	45.69	0.07	1.75	7.52	0.12	43.32	1.41	2215	2575	9.0	55	oro massif	Pic De Gral	Bodinier[1988]
71-264	47.08	0.07	1.88	7.57	0.13	41.17	1.93		2580	11.1	63	oro massif	Pic De Gral	Bodinier[1988]
PGER-2	45.41	0.07	2.08	7.69	0.12	42.67	1.84	2165	2560	10.4	57	oro massif	Pic De Gral	Bodinier[1988]
PGER-1	46.14	0.06	2.38	7.56	0.12	41.52	2.06	2115	2575	9.4	70	oro massif	Pic De Gral	Bodinier[1988]
92-FR3	45.46	0.12	4.34	7.58	0.13	38.52	3.50	1989	2833	15.0	75	oro massif	E Pyrenees	Burnham[1991]

92FR4		45.77	0.12	3.14	8.13	0.13	39.72	2.72	2064			2369	15.0	68			oro massif	E Pyrenees	Burnham[1991]
92FT5		43.88	0.01	0.98	8.17	0.13	45.57	1.20	2543			2244	11.0	33			oro massif	E Pyrenees	Burnham[1991]
92FT6		45.13	0.12	3.54	8.57	0.14	39.02	3.24	2084			2461	11.0	78			oro massif	E Pyrenees	Burnham[1991]
92FT7		45.05	0.09	3.09	8.13	0.13	40.49	2.74	2123			2616	16.0	70			oro massif	E Pyrenees	Burnham[1991]
92LH11		46.84	0.14	3.54	7.37	0.12	38.50	3.17	2019			2730	17.0	80			oro massif	E Pyrenees	Burnham[1991]
92LH12		43.80	0.04	1.15	8.57	0.13	45.83	0.44	2551			2435	15.0	27			oro massif	E Pyrenees	Burnham[1991]
92LH14		46.26	0.14	3.82	7.95	0.13	37.86	3.49	2009			2628	5.0	80			oro massif	E Pyrenees	Burnham[1991]
92LH16		45.35	0.12	3.38	7.90	0.13	39.83	3.01	2147			2692	14.0	77			oro massif	E Pyrenees	Burnham[1991]
92LH17		45.20	0.12	3.54	8.15	0.13	39.59	3.01	2124			2549	14.0	75			oro massif	E Pyrenees	Burnham[1991]
92LH18		45.66	0.12	3.33	7.78	0.13	39.74	2.94	2060			2570	16.0	68			oro massif	E Pyrenees	Burnham[1991]
92LH19		46.11	0.13	3.64	7.88	0.13	38.49	3.28	2027			2750	15.0	79			oro massif	E Pyrenees	Burnham[1991]
92LH3		45.25	0.09	2.60	7.73	0.12	41.79	2.20	2219			2234	15.0	56			oro massif	E Pyrenees	Burnham[1991]
92PG1		45.33	0.10	3.24	8.02	0.13	40.27	2.66	2186			2317	11.0	63			oro massif	E Pyrenees	Burnham[1991]
92PG2		44.79	0.06	2.07	7.81	0.12	43.22	1.80	2327			2574	15.0	49			oro massif	E Pyrenees	Burnham[1991]
92PR1		45.11	0.12	3.19	8.08	0.13	40.32	2.79	2170			2571	10.0	70			oro massif	E Pyrenees	Burnham[1991]
R893	7.48	43.01	0.01	0.89	7.99	0.12	47.17	0.78	2380	110	0.040	2000	6.7	22	0.040		oro massif	RondaS. Spain	Frey[1985]
R771	7.67	44.17	0.01	1.38	7.46	0.13	45.56	1.24	2350	101	0.062	2710	8.9	27	0.062		oro massif	RondaS. Spain	Frey[1985]
R347	1.51	44.43	0.05	1.88	8.12	0.13	43.76	1.49	2370	112	0.180	2300	10.2	43	0.180		oro massif	RondaS. Spain	Frey[1985]
R856	2.03	45.02	0.03	2.11	7.73	0.13	43.12	1.74	2330	105	0.140	2970	11.0	42	0.140		oro massif	RondaS. Spain	Frey[1985]
R1025	6.96	44.49	0.08	2.66	7.72	0.13	42.66	2.07	2230	112	0.250	2830	11.2	46	0.250	0.430	oro massif	RondaS. Spain	Frey[1985]
R196	1.90	44.60	0.07	2.67	7.93	0.13	42.23	2.19	2310		0.250	2350	10.0	53	0.250	0.270	oro massif	RondaS. Spain	Frey[1985]
R25	5.03	44.43	0.03	2.40	8.12	0.14	42.09	2.61	2150		0.190	3050	12.9	49	0.190	0.240	oro massif	RondaS. Spain	Frey[1985]
R845	2.95	44.80	0.08	2.58	7.74	0.13	42.01	2.46	2200	107	0.230	2720	10.8	56	0.230	0.410	oro massif	RondaS. Spain	Frey[1985]
R131	2.94	44.33	0.20	2.63	8.81	0.13	41.16	2.53	2150	109	0.270	2570	12.5	55	0.270	0.470	oro massif	RondaS. Spain	Frey[1985]
R224	1.92	44.72	0.06	2.96	8.24	0.13	40.88	2.73	2150	110	0.260	1984	11.2	54	0.260	0.180	oro massif	RondaS. Spain	Frey[1985]
R255	2.52	44.79	0.12	3.52	8.37	0.14	39.76	2.99	2190		0.380	2615	14.4	65	0.380	0.780	oro massif	RondaS. Spain	Frey[1985]
R501	6.99	44.87	0.11	3.57	8.18	0.13	39.81	3.05	1950	99	0.380	2350	13.4	59	0.380	0.520	oro massif	RondaS. Spain	Frey[1985]
R238	1.25	44.86	0.13	3.64	8.35	0.14	39.46	3.12	2180		0.430	2680	15.6	67	0.430	0.600	oro massif	RondaS. Spain	Frey[1985]
R243	1.14	45.12	0.14	3.64	8.30	0.13	39.09	3.24	2020		0.400	2565	15.0	67	0.400		oro massif	RondaS. Spain	Frey[1985]
R717	4.29	45.30	0.17	3.94	8.34	0.13	38.25	3.54	1920	102	0.420	2340	15.2	73	0.420	0.830	oro massif	RondaS. Spain	Frey[1985]
R123	4.02	45.60	0.27	4.84	8.80	0.13	35.80	4.07	1810	97	0.540	2120	15.9	76	0.540	1.200	oro massif	RondaS. Spain	Frey[1985]
JR15	5.69	42.97	0.14	2.93	7.77	0.11	37.72	2.79	2116	93		2611					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR16	5.13	42.98	0.14	2.86	7.96	0.12	38.10	2.71	2129	90		2676					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR26	4.55	43.60	0.18	3.32	8.43	0.13	36.49	3.29	2123	95		2664					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
BS1	7.29	40.65	0.09	2.38	7.73	0.12	39.78	2.33	2108	91		2952					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
BS2	8.93	42.33	0.18	4.08	7.88	0.13	34.08	2.93	1906	86		2738					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
BS3	0.00	44.39	0.07	3.03	8.14	0.12	41.43	2.54	2228	97		3099					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
BS6	1.17	44.42	0.14	3.29	8.38	0.13	39.40	2.91	2259	101		3131					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
BS22	6.11	42.08	0.08	3.09	7.88	0.12	38.39	2.41	2081	96		2962					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
BB17	1.43	45.29	0.12	3.84	8.67	0.15	37.06	3.39		83							oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
BB34	5.66	45.07	0.16	3.98	8.59	0.14	33.16	3.46		78							oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR13	5.64	44.80	0.09	1.42	7.80	0.12	38.24	1.99	2210	95		2946					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR14	7.02	42.08	0.07	1.99	7.77	0.12	38.91	2.33	2136	95		2755					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR27	7.01	41.33	0.07	2.45	7.41	0.11	40.00	2.00	2198	97		2878					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR28	10.71	41.60	0.10	2.14	7.24	0.11	36.84	2.14	2047	89		2705					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
BS15	0.62	43.94	0.08	2.03	7.91	0.13	43.12	1.97	2369	99		3472					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
BB12	0.96	45.90	0.06	2.46	8.61	0.13	39.46	2.37		84							oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR2b	13.74	41.55	0.06	1.78	7.68	0.04	36.26	0.30	2171	114		1455					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR11	9.17	41.24	0.06	1.15	7.09	0.12	40.97	0.88	2276	100		2956					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR12	11.15	39.53	0.00	0.93	7.07	0.12	41.57	0.67	2289	93		2790					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR17	8.84	42.00	0.01	1.08	6.49	0.12	41.28	0.88	2292	93		2548					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR18	10.38	40.10	0.00	1.43	6.99	0.13	40.78	1.10	2233	93		2744					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR31	5.43	42.37	0.06	0.95	8.11	0.13	41.49	1.44	2375	98		2715					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR33	3.27	43.03	0.00	2.46	7.68	0.13	41.66	1.42	2414	98		3166					oro massif	(Ronda and Beni Bousera)	Gueddari[1996]

JR34	3.57	42.35	0.06	1.56	7.58	0.13	43.38	1.42	2451	104	2889						oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR35	1.85	43.58	0.12	0.86	8.61	0.15	43.07	1.63	2480	103	3168						oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
JR36	2.93	43.70	0.00	1.72	7.56	0.12	43.14	0.85	2590	107	2528						oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
BS17	3.21	42.40	0.06	1.33	8.21	0.13	43.08	1.40	2433	104	4048						oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
BS19	4.66	42.03	0.01	0.70	6.91	0.12	45.29	0.46	2569	103	2867						oro massif	(Ronda and Beni Bousera)	Gueddari[1996]
A-2a	2.92	44.44	0.03	1.23	7.44	0.11	40.71	1.63									oro massif	Alpe Arami	Ernst[1978]
F-16a	3.07	43.04	0.15	1.41	7.47	0.12	41.11	1.61									oro massif	Alpe Arami	Ernst[1978]
F-16b	3.39	43.00	0.10	1.32	7.39	0.12	40.98	1.76									oro massif	Alpe Arami	Ernst[1978]
F-16c	2.09	44.61	0.21	1.94	7.53	0.12	38.50	2.69									oro massif	Alpe Arami	Ernst[1978]
F-52c	1.14	46.74	0.21	1.70	7.33	0.12	38.58	2.81									oro massif	Alpe Arami	Ernst[1978]
F-56	3.07	44.87	0.19	1.41	7.28	0.12	39.14	2.55									oro massif	Alpe Arami	Ernst[1978]
F-2a	0.13	41.38	0.01	0.25	8.35	0.13	48.35	0.13									oro massif	Finero	Ernst[1978]
F-2d	0.01	43.05	0.08	1.04	7.58	0.12	44.85	0.89									oro massif	Finero	Ernst[1978]
B-1b	1.85	45.42	0.12	1.42	7.27	0.12	39.98	2.35									oro massif	Balmuccia	Ernst[1978]
B-3b	0.15	47.09	0.13	1.46	7.11	0.12	39.78	2.80									oro massif	Balmuccia	Ernst[1978]
B-3c	0	46.34	0.13	1.40	7.64	0.13	40.25	2.70									oro massif	Balmuccia	Ernst[1978]
F-58	0.9	46.65	0.13	1.44	7.34	0.12	39.53	2.48									oro massif	Balmuccia	Ernst[1978]
F-59b	0.01	46.37	0.11	1.33	7.60	0.12	40.58	2.49									oro massif	Balmuccia	Ernst[1978]
F-60	0	50.35	0.22	1.80	6.32	0.11	35.21	4.79									oro massif	Balmuccia	Ernst[1978]
F-62	0.14	47.53	0.14	1.58	7.14	0.12	39.11	2.84									oro massif	Balmuccia	Ernst[1978]
BA-1b	1.25	46.31	0.14	1.42	7.31	0.12	39.47	2.58									oro massif	Baldissero	Ernst[1978]
BA-3b	0.04	46.64	0.12	1.40	7.51	0.13	40.46	2.27									oro massif	Baldissero	Ernst[1978]
BA-4a	1	51.29	0.29	2.47	5.19	0.10	32.82	5.51									oro massif	Baldissero	Ernst[1978]
F-63a	0.32	46.49	0.11	1.29	7.70	0.12	40.42	2.11									oro massif	Baldissero	Ernst[1978]
F-64	0.71	47.31	0.15	1.65	7.47	0.12	38.29	2.85									oro massif	Baldissero	Ernst[1978]
F-66	0.32	47.42	0.16	1.45	6.99	0.11	39.65	2.53									oro massif	Baldissero	Ernst[1978]
LA-3b	0.6	50.19	0.43	4.50	5.39	0.11	31.02	6.32									oro massif	Lanzo	Ernst[1978]
F-72	2.24	45.99	0.21	1.78	7.29	0.12	38.37	2.61									oro massif	Lanzo	Ernst[1978]
F-73b	2.38	45.27	0.22	1.91	7.20	0.12	38.82	2.70									oro massif	Lanzo	Ernst[1978]
ETA46		41.72	0.08	2.60	7.77	0.12	37.69	2.40		0.296	2435	12.0	64	0.296	0.071	oro massif	NW Italy, Western Alps, Ligurian Alps		Scambelluri[2001]
ETA47		39.99	0.08	2.70	7.28	0.12	35.93	2.31		0.279	2552	12.0	62	0.279	0.057	oro massif	NW Italy, Western Alps, Ligurian Alps		Scambelluri[2001]
ETA51		39.84	0.08	2.44	7.72	0.12	36.38	1.68		0.258	2216	12.0	60	0.258	0.075	oro massif	NW Italy, Western Alps, Ligurian Alps		Scambelluri[2001]
ETF1		40.01	0.06	2.23	7.25	0.11	38.25	2.22		0.243	2478	13.0	45	0.243	0.020	oro massif	NW Italy, Western Alps, Ligurian Alps		Scambelluri[2001]
ETF2		38.67	0.05	1.97	7.25	0.11	38.33	2.09		0.205	2564	12.0	39	0.205	0.012	oro massif	NW Italy, Western Alps, Ligurian Alps		Scambelluri[2001]
ETF3		39.31	0.05	1.92	7.03	0.11	38.53	2.03		0.202	2297	12.0	38	0.202	0.016	oro massif	NW Italy, Western Alps, Ligurian Alps		Scambelluri[2001]
ETF4		43.66	0.06	2.11	7.87	0.11	43.03	2.22		0.190	2802	11.0	35	0.190	0.017	oro massif	NW Italy, Western Alps, Ligurian Alps		Scambelluri[2001]
ETF6		39.57	0.06	2.16	6.55	0.10	37.53	2.11		0.212	2325	13.0	44	0.212	0.015	oro massif	NW Italy, Western Alps, Ligurian Alps		Scambelluri[2001]
ETF7		38.51	0.06	2.10	7.12	0.11	37.13	2.06		0.214	1869	13.0	41	0.214	0.032	oro massif	NW Italy, Western Alps, Ligurian Alps		Scambelluri[2001]
bz112		43.93	0.00	0.53	7.71	0.13	46.72	0.52	2372	0.195			25	0.195	0.023	oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-125		44.49	0.00	0.46	7.74	0.13	46.14	0.62	2407	0.131			25	0.131	0.016	oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-114		44.19	0.00	0.45	7.76	0.13	46.57	0.48	2313	0.132			26	0.132	0.016	oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-116		42.58	0.00	0.49	7.58	0.13	45.07	0.40	2367	0.116			27	0.116	0.014	oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-117		44.35	0.01	0.79	7.67	0.13	45.84	0.71	2327	0.221			38	0.221	0.052	oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-131		44.39	0.01	0.57	7.90	0.13	46.38	0.62								oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-216		44.14	0.02	0.76	7.63	0.13	46.09	0.82	2375	0.256			30	0.256	0.231	oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-201		44.28	0.02	1.27	7.92	0.14	44.61	1.29	2234	0.077			44	0.077	0.234	oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-203		44.11	0.02	1.33	7.97	0.13	44.65	1.33	2320	0.069			41	0.069	0.180	oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-120		44.61	0.02	1.90	7.94	0.14	42.91	2.00	2226	0.113			51	0.113	0.054	oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-132		44.91	0.02	2.03	7.97	0.14	42.85	2.07								oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-134		44.49	0.01	1.43	7.61	0.13	44.66	1.25	2336	0.108			39	0.108	0.013	oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-136		44.86	0.01	1.59	7.97	0.14	43.81	1.61								oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-138		44.85	0.04	1.99	7.68	0.13	43.38	1.39	2231	0.123			44	0.123	0.125	oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-140		45.00	0.01	1.95	7.55	0.13	42.90	1.95	2195	0.127			45	0.127	0.053	oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]
bz-143		44.78	0.02	2.06	7.94	0.14	42.59	2.00	2140	0.130			51	0.130	0.018	oro massif	Horoman, Hokkaido, Japan		Takazawa[2000]

bz-144		44.58	0.02	2.09	8.18	0.14	42.78	2.21								oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-145		44.91	0.23	2.22	8.00	0.14	42.22	2.27								oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-146		44.76	0.05	2.49	7.84	0.14	41.91	2.29	2170		0.022		54	0.022	0.046	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-250		45.40	0.06	2.99	7.71	0.14	40.55	2.58	2060		0.294		58	0.294	0.065	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-251		45.66	0.08	3.19	7.92	0.14	39.54	2.86	2001		0.320		61	0.320	0.129	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-252		45.68	0.10	3.53	8.09	0.14	38.74	3.07	1996		0.360		67	0.360	0.265	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-253		45.14	0.10	3.31	7.37	0.14	40.20	2.95	2053		0.355		107	0.355	0.466	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-254		45.03	0.10	3.23	7.93	0.14	40.13	2.82	2023		0.342		65	0.342	0.343	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-255		44.92	0.10	3.54	8.03	0.14	39.62	2.99	1992		0.384		64	0.384	0.172	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-256		45.86	0.09	3.35	7.64	0.14	39.12	3.12	2017		0.360		64	0.360	0.199	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-257		44.97	0.03	1.92	7.78	0.13	43.47	1.15	2225		0.138		42	0.138	0.052	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-258		44.78	0.02	2.08	7.79	0.14	42.81	1.85	2207		0.141		47	0.141	0.074	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-259		44.86	0.03	1.96	7.61	0.13	43.12	1.77			0.170			0.170	0.093	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-260		45.06	0.04	1.88	7.57	0.13	43.12	1.67			0.145			0.145	0.235	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-261		46.34	0.09	3.18	7.72	0.14	39.18	2.73			0.347			0.347	0.248	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-262		44.72	0.07	3.16	7.60	0.14	41.11	2.64			0.321			0.321	0.162	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
bz-2632		44.60	0.07	3.14	7.98	0.14	40.71	2.77			0.326			0.326	0.099	oro massif	Horoman, Hokkaido, Japan	Takazawa[2000]
zmflza1		44.94	0.01	3.57	6.35	0.14	42.16	2.22	632	83	0.179	11.6	49	0.179	0.003	oro massif	Dabie Sulu	Zhang[1996]
zmflza1		45.04	0.03	3.12	6.37	0.11	42.04	2.17	551	87	0.142	8.9	36	0.142	0.003	oro massif	Dabie Sulu	Zhang[1996]
zmflza1		44.06	0.01	2.60	6.54	0.11	44.37	1.67	644	86	0.145	9.2	41	0.145	0.003	oro massif	Dabie Sulu	Zhang[1996]
zmf dna1		43.83	0.00	1.55	7.17	0.12	45.47	1.50	748	103	0.100	5.2	19	0.100	0.010	oro massif	Dabie Sulu	Zhang[1996]
zmf pra1		43.36	0.00	0.76	6.11	0.11	48.21	0.67	636	98	0.047	3.6	16	0.047	0.001	oro massif	Dabie Sulu	Zhang[1996]
rcc lza1		44.59	0.07	2.20	9.17	0.17	41.35	2.11	2196	66	0.238	13.0	32	0.238	0.001	oro massif	Dabie Sulu	Zhang[1996]
rcc lza1		44.87	0.11	3.35	9.20	0.18	38.77	3.17	1983	100	0.310	21.0	43	0.310	0.002	oro massif	Dabie Sulu	Zhang[1996]
rcd lza1		45.01	0.03	2.07	7.57	0.12	43.29	1.46	2007	101	0.120			0.120	0.001	oro massif	Dabie Sulu	Zhang[1996]
jz lza1		44.54	0.01	2.63	6.35	0.11	43.36	1.95	347	82	0.258	7.0	30	0.258	0.006	oro massif	Dabie Sulu	Zhang[1996]
jzlza1		44.91	0.00	3.10	6.45	0.11	42.66	2.15	506	82	0.160	8.3	25	0.160	0.003	oro massif	Dabie Sulu	Zhang[1996]
jzlza1		44.84	0.00	1.85	6.39	0.11	43.79	2.39	586	90	0.116	6.2	33	0.116	0.003	oro massif	Dabie Sulu	Zhang[1996]
GLhDW326	12.52	39.43	0.07	2.52	6.90	0.11	35.88	1.49	1879	108	2659		52			oro massif	lower Austria	Becker[1996]
GLhDW239	12.79	40.40	0.09	1.61	7.56	0.12	34.93	1.87	2735	122	2080		61			oro massif	lower Austria	Becker[1996]
GLhDW242	12.32	39.99	0.07	1.76	7.50	0.12	36.10	1.44	2365	117	2429		40			oro massif	lower Austria	Becker[1996]
GLhDW207	13.19	41.36	0.11	3.27	7.37	0.10	32.65	1.03	1827	105	2736		80			oro massif	lower Austria	Becker[1996]
SHzDW324	13.41	39.74	0.03	1.20	6.69	0.09	36.70	1.12	2164	120	2381		42			oro massif	lower Austria	Becker[1996]
SHzDW336	14.87	38.12	0.01	0.96	6.63	0.11	37.32	0.61	2170	122	2873		39			oro massif	lower Austria	Becker[1996]
SHzDW338	14.94	37.82	0.01	0.76	6.58	0.09	37.74	0.94	2231	104	2370		37			oro massif	lower Austria	Becker[1996]
SHzDW347B	14.82	38.80	0.03	1.67	6.62	0.11	35.97	0.74	1949	114	2513		46			oro massif	lower Austria	Becker[1996]
SGHzSL60	12.93	39.05	0.02	0.85	6.83	0.10	39.26	0.33	2373	135	2709		26			oro massif	lower Austria	Becker[1996]
GHzSL61	13.12	39.91	0.05	1.27	7.17	0.09	37.45	0.34	2397	122	2080		44			oro massif	lower Austria	Becker[1996]
GHzSL62	12.64	39.88	0.06	1.74	7.15	0.10	36.80	0.97	2310	114	2449		49			oro massif	lower Austria	Becker[1996]
SGHzSL56	12.64	39.93	0.05	1.19	7.39	0.11	37.05	0.96	2334	122	2545		35			oro massif	lower Austria	Becker[1996]
GLhSL281	5.65	43.03	0.10	2.95	7.70	0.11	37.38	2.20	2255	115	2750		65			oro massif	lower Austria	Becker[1996]
52/76	8.43	44.06	0.12	0.51	8.20	0.10	46.27	0.66	2269	105	3440	6.0	35		<2	craton xeno	Central Siberia	Boyd[1997]
74/89	11.32	44.99	0.11	1.27	8.07	0.10	44.05	1.19	2140	97	3116	10.0	47		<2	craton xeno	Central Siberia	Boyd[1997]
107/89	10.75	44.31	0.05	0.53	7.99	0.14	46.20	0.64	2123	100	3088	7.0	34		<2	craton xeno	Central Siberia	Boyd[1997]
115/89	9.80	44.89	0.10	1.47	7.80	0.13	44.42	1.06	2030	92	2633	9.0	46		<2	craton xeno	Central Siberia	Boyd[1997]
228/89	15.74	45.72	0.13	0.72	8.23	0.10	44.10	0.84	2088	96	2232	6.0	30			craton xeno	Central Siberia	Boyd[1997]
239/89	1.91	44.59	0.12	0.68	8.11	0.14	44.93	1.22	2121	104	4054	7.0	40			craton xeno	Central Siberia	Boyd[1997]
246/89	12.75	45.58	0.17	1.59	8.64	0.10	42.66	1.14	2051	92	2483	10.0	52			craton xeno	Central Siberia	Boyd[1997]
267/89	12.75	44.98	0.20	2.70	8.17	0.14	41.01	2.55	1822	93	2352	12.0	66		<2	craton xeno	Central Siberia	Boyd[1997]
424/89	8.60	44.56	0.10	0.85	7.91	0.14	45.28	1.02	2078	101	2868	9.0	44		<2	craton xeno	Central Siberia	Boyd[1997]
61/91	3.48	44.90	0.11	0.75	7.37	0.12	44.88	1.69	2167	104	2543	6.0	40			craton xeno	Central Siberia	Boyd[1997]
121/91		44.53	0.11	0.72	7.06	0.12	46.19	1.09	2114	109	2930	31.0	35			craton xeno	Central Siberia	Boyd[1997]
51/92		44.55	0.18	1.17	9.03	0.13	43.05	1.64	2060	103	2340	8.0	46		4.000	craton xeno	Central Siberia	Boyd[1997]
70/92		44.08	0.09	0.54	7.48	0.14	46.59	0.90	2041	101	2145	6.0	26		0.000	craton xeno	Central Siberia	Boyd[1997]

74/92		44.13	0.16	1.06	10.48	0.14	41.07	2.57	1743	125		1068	7.0	57	5.000	craton xeno	Central Siberia	Boyd[1997]
76/92		44.41	0.02	0.62	8.02	0.14	45.38	0.97	2091	108		1940	6.0	34	1.000	craton xeno	Central Siberia	Boyd[1997]
80/92		44.62	0.15	0.63	8.59	0.11	44.91	0.77	2150	108		2280	6.0	33	4.000	craton xeno	Central Siberia	Boyd[1997]
32842		45.57	0.11	1.75	7.74	0.11	43.02	1.50	2015	102		3390	12.6	50	2.000	craton xeno	Central Siberia	Boyd[1997]
128/93		44.49	0.09	1.37	8.50	0.23	43.63	1.38	2079	107		2803	12.0	41	8.000	craton xeno	Central Siberia	Boyd[1997]
166/93		45.02	0.08	0.96	8.04	0.15	44.21	1.31	2037	106		3809	9.3	33	8.000	craton xeno	Central Siberia	Boyd[1997]
813		44.02	0.13	0.77	7.96	0.13	45.93	0.88	2092	105		2200	7.0	34	0.000	craton xeno	Central Siberia	Boyd[1997]
N 21-2	1.76	41.76	0.08	0.81	8.09	0.12	45.67	0.47		130				31		crat xeno	Jericho	Kopylova [2000]
N 23-1	1.85	42.65	0.05	0.82	7.71	0.12	44.82	0.65		125				23		crat xeno	Jericho	Kopylova [2000]
N 26-9	2.11	41.61	0.18	2.53	9.31	0.15	39.11	3.13		116				73		crat xeno	Jericho	Kopylova [2000]
N 39-3	3.08	41.25	0.12	1.34	7.23	0.12	43.46	1.46		113				47		crat xeno	Jericho	Kopylova [2000]
N39-10	1.43	42.30	0.04	0.94	8.29	0.12	44.70	0.59		126				28		crat xeno	Jericho	Kopylova [2000]
N 40-9	0.96	42.61	0.06	0.73	8.36	0.13	45.50	0.58		123				27		crat xeno	Jericho	Kopylova [2000]
k1	3.63	47.69	0.02	1.75	6.21	0.12	42.70	1.00	2326.00			2593.00				crat xeno	Kimberley	Simon[2003]
k13	4.54	46.08	0.01	1.23	6.93	0.13	44.08	0.89	2920.00			2543.00				crat xeno	Kimberley	Simon[2003]
k14	3.68	46.23	0.02	1.34	6.81	0.12	43.94	0.93	2950.00			2335.00				crat xeno	Kimberley	Simon[2003]
k24	3.92	45.49	0.01	1.66	6.89	0.13	44.26	1.01	2810.00			2323.00				crat xeno	Kimberley	Simon[2003]
k25	5.28	47.73	0.01	1.53	6.29	0.13	42.91	0.85	2672.00			2389.00				crat xeno	Kimberley	Simon[2003]
k27	4.92	46.84	0.01	1.57	6.96	0.13	42.83	1.15	2838.00			2651.00				crat xeno	Kimberley	Simon[2003]
k12	5.61	46.83	0.01	1.57	5.94	0.12	44.12	0.63	2790.00			3342.00				crat xeno	Kimberley	Simon[2003]
k18	6.11	45.08	0.06	1.27	5.66	0.11	46.67	0.50	2539.00			2446.00				crat xeno	Kimberley	Simon[2003]
gp402	5.35	45.89	0.00	2.38	5.79	0.11	44.61	0.72	2565.00			2342.00				crat xeno	Kimberley	Simon[2003]
k15	5.31	46.84	0.07	1.37	6.58	0.13	43.37	1.03	2711.00			2035.00				crat xeno	Kimberley	Simon[2003]
k17	5.75	45.98	0.02	1.50	6.71	0.13	44.24	0.75	2826.00			2306.00				crat xeno	Kimberley	Simon[2003]
k3	4.54	47.13	0.05	2.16	7.24	0.15	38.63	3.88	2334.00			3439.00				crat xeno	Kimberley	Simon[2003]
k19	4.85	46.10	0.05	4.70	7.74	0.19	38.87	1.47	2258.00			3958.00				crat xeno	Kimberley	Simon[2003]
k21	4.49	47.63	0.06	2.57	7.23	0.15	38.53	3.14	2327.00			2768.00				crat xeno	Kimberley	Simon[2003]
k5	5.24	47.38	0.27	1.55	8.05	0.13	41.11	0.81	2406.00			2519.00				crat xeno	Kimberley	Simon[2003]
k7	4.85	48.09	0.06	1.33	6.05	0.11	42.74	1.14	2492.00			1798.00				crat xeno	Kimberley	Simon[2003]
JJG1761CL	7.63	39.90	0.06	0.74	5.44	0.09	45.02	0.25								crat xeno	Jagersfontein, Orange Free State	Winterburn[1990]
J157CL		44.68	0.05	0.54	5.70	0.09	48.74	0.23	2269			1318				crat xeno	Jagersfontein, Orange Free State	Winterburn[1990]
J134CLA		45.45	0.04	1.69	7.15	0.12	43.95	1.29	2078		0.090	2699			0.090	17.700	crat xeno	Jagersfontein, Orange Free State	Winterburn[1990]
JJG1716CLA	3.11	44.30	0.05	1.89	6.11	0.11	42.09	1.07			0.120				0.120	15.800	crat xeno	Jagersfontein, Orange Free State	Winterburn[1990]
JJG1727CM	5.25	42.12	0.06	0.10	5.77	0.10	45.38	0.31									crat xeno	Jagersfontein, Orange Free State	Winterburn[1990]
JJG1723CMP	6.63	43.54	0.09	0.65	5.36	0.10	41.79	0.50									crat xeno	Jagersfontein, Orange Free State	Winterburn[1990]
JJG1795CMP	6.03	43.02	0.11	0.49	5.71	0.09	42.86	0.59									crat xeno	Jagersfontein, Orange Free State	Winterburn[1990]
FRB-1007	5.70	45.06	0.07	0.85	5.99	0.11	47.03	0.56	2180			1970		14			crat xeno	Kaapvaal, S.Africa	Boyd[1987]
FRB-1008	5.31	45.82	0.17	1.20	6.25	0.12	45.08	0.75	1998			2499		24			crat xeno	Kaapvaal, S.Africa	Boyd[1987]
FRB-999	4.69	45.25	0.12	0.99	6.89	0.13	45.55	0.71	2067			2491		27			crat xeno	Kaapvaal, S.Africa	Boyd[1987]
FRB-1009	5.14	44.90	0.07	1.67	7.14	0.13	42.56	1.00	1961			2511		33			crat xeno	Kaapvaal, S.Africa	Boyd[1987]
FRB-135	2.30	47.51	0.00	1.53	5.94	0.11	44.25	0.58	2177			2696		28			crat xeno	Kaapvaal, S.Africa	Boyd[1987]
FRB-492	1.96	46.85	0.00	1.64	6.13	0.12	44.03	0.79	2156			2673		23			crat xeno	Kaapvaal, S.Africa	Boyd[1987]
FRB-983	3.96	44.84	0.05	1.18	6.55	0.11	46.45	0.46	2327			2190		21			crat xeno	Kaapvaal, S.Africa	Boyd[1987]
PHN-4254	5.09	46.71	0.03	1.04	5.55	0.11	46.16	0.34	2123			2978		20			crat xeno	Kaapvaal, S.Africa	Boyd[1987]
PHN-4257	4.37	46.77	0.08	1.43	6.24	0.12	44.66	0.55	2098			2412		26			crat xeno	Kaapvaal, S.Africa	Boyd[1987]
PHN-4258	4.62	45.53	0.04	0.78	6.09	0.11	47.25	0.15	2330			2413		20			crat xeno	Kaapvaal, S.Africa	Boyd[1987]
PHN-4259	3.34	47.32	0.06	1.68	5.98	0.11	43.95	0.78	2090			2558		27			crat xeno	Kaapvaal, S.Africa	Boyd[1987]
PHN-4265	3.20	48.46	0.00	1.57	5.63	0.11	43.43	0.69	1924			2704		31			crat xeno	Kaapvaal, S.Africa	Boyd[1987]
PHN-4274	4.68	46.86	0.00	0.96	5.90	0.11	45.67	0.42	2128			2217		19			crat xeno	Kaapvaal, S.Africa	Boyd[1987]
FRB 932	3.78	46.24	0.02	1.74	5.57	0.09	45.51	0.64	2154			2576		28			crat xeno	S. Africa	Boyd[1993]
FRB 978	4.75	45.55	0.08	1.29	5.83	0.13	45.93	0.80	2142			2704		28			crat xeno	S. Africa	Boyd[1993]
FRB 1013	4.49	44.96	0.16	1.02	6.76	0.13	45.83	0.75	2089			2658		26			crat xeno	S. Africa	Boyd[1993]
FRB 1402	6.52	44.86	0.03	0.95	6.75	0.09	46.82	0.31	2343			1786	6.7	30		10.400	crat xeno	S. Africa	Boyd[1993]
FRB 1404	4.56	46.75	0.02	1.46	5.86	0.08	45.17	0.47	2181			2369	7.4	31		12.900	crat xeno	S. Africa	Boyd[1993]

FRB 1409	4.15	46.80	0.02	1.64	5.65	0.08	44.98	0.62	2099			2751	8.1	35		16.100	crat xeno	S. Africa	Boyd[1993]
FRB 1422	5.06	45.97	0.02	1.17	6.03	0.08	46.20	0.37	2285			1980	5.8	28		12.500	crat xeno	S. Africa	Boyd[1993]
FRB 1447	5.53	45.71	0.00	1.20	6.15	0.08	46.40	0.34	2322			2197	6.1	27		9.000	crat xeno	S. Africa	Boyd[1993]
PHN 4254	5.09	46.71	0.03	1.04	5.55	0.11	46.16	0.34	2123			2978		20			crat xeno	S. Africa	Boyd[1993]
PHN 5596	7.31	43.73	0.09	0.74	7.14	0.11	47.74	0.32	2414			2400		19			crat xeno	S. Africa	Boyd[1993]
K2	5.98	44.26	0.00	0.53	6.66	0.12	47.82	0.34	2947	111	0.016	1730	3.7	13	0.016		crat xeno	S. Africa	Simon[2007]
K6	5.10	46.65	0.00	0.85	6.16	0.12	45.57	0.30	2782	96	0.007	2342	4.9	20	0.007		crat xeno	S. Africa	Simon[2007]
K8	5.00	46.28	0.00	0.96	6.33	0.12	45.52	0.48	3400	105		2044					crat xeno	S. Africa	Simon[2007]
K9	7.74	46.20	0.00	0.55	6.75	0.12	45.65	0.43	3013	104		1976					crat xeno	S. Africa	Simon[2007]
K1	3.63	47.74	0.02	1.75	6.22	0.13	42.75	1.00	2326	94	0.033	2593	7.6	32	0.033		crat xeno	S. Africa	Simon[2007]
K13	4.54	46.20	0.01	1.23	6.95	0.13	44.20	0.90	2920	105	0.029	2543	7.0	27	0.029		crat xeno	S. Africa	Simon[2007]
K14	3.68	46.34	0.02	1.35	6.83	0.13	44.06	0.93	2950	94	0.019	2335			0.019		crat xeno	S. Africa	Simon[2007]
K24	3.92	45.57	0.01	1.66	6.91	0.13	44.35	1.01	2810	99	0.030	2323	7.2	30	0.030		crat xeno	S. Africa	Simon[2007]
K25	5.28	47.83	0.01	1.53	6.30	0.12	42.98	0.85	2672	85		2389					crat xeno	S. Africa	Simon[2007]
K27	4.92	46.86	0.01	1.57	6.97	0.13	42.90	1.15	2838	93	0.000	2651	8.1	33	0.000		crat xeno	S. Africa	Simon[2007]
K12	5.61	46.95	0.01	1.57	5.96	0.12	44.24	0.63	2790	85	0.029	3342			0.029		crat xeno	S. Africa	Simon[2007]
K18	6.11	45.20	0.06	1.27	5.68	0.11	46.79	0.51	2539	91	0.077	2446	7.2	22	0.077		crat xeno	S. Africa	Simon[2007]
GP402	5.35	45.95	0.00	2.39	5.80	0.11	44.68	0.72	2565	97	0.085	2342	7.9	26	0.085		crat xeno	S. Africa	Simon[2007]
K15	5.31	47.00	0.07	1.37	6.59	0.13	43.48	1.04	2711	99		2035					crat xeno	S. Africa	Simon[2007]
K17	5.75	46.12	0.02	1.51	6.73	0.13	44.38	0.75	2826	95	0.046	2306	7.0	27	0.046		crat xeno	S. Africa	Simon[2007]
K3	4.54	47.24	0.05	2.17	7.25	0.15	38.72	3.89	2334	87	0.213	3439	12.6	70	0.213		crat xeno	S. Africa	Simon[2007]
K19	4.85	46.23	0.05	4.71	7.76	0.19	38.98	1.47	2258	89	0.346	3958	20.5	37	0.346		crat xeno	S. Africa	Simon[2007]
K21	4.49	47.75	0.06	2.58	7.25	0.15	38.64	3.15	2327	85	0.396	2768			0.396		crat xeno	S. Africa	Simon[2007]
K5	5.24	47.03	0.25	1.54	7.99	0.13	40.80	1.87	2406	97		2519					crat xeno	S. Africa	Simon[2007]
K7	4.85	48.19	0.06	1.33	6.06	0.11	42.82	1.14	2492	82		1798					crat xeno	S. Africa	Simon[2007]
K10	4.50	46.78	0.10	0.90	6.15	0.12	45.13	0.54	2724	92		1860					crat xeno	S. Africa	Simon[2007]
K11	4.79	46.35	0.31	0.51	6.63	0.11	44.98	0.76	2876	95	0.015	2313			0.015		crat xeno	S. Africa	Simon[2007]
K16	3.97	47.48	0.02	1.65	6.57	0.13	42.59	1.20	2787	95		2330					crat xeno	S. Africa	Simon[2007]
K20	4.53	48.05	0.03	1.82	6.43	0.13	41.96	1.14	2474	87		2829					crat xeno	S. Africa	Simon[2007]
K22	9.34	42.71	0.18	0.89	8.59	0.13	44.58	2.65	3024	121		1553					crat xeno	S. Africa	Simon[2007]
K23	8.15	44.62	0.14	0.33	7.95	0.13	45.86	0.75	2893	90		1272					crat xeno	S. Africa	Simon[2007]
FRB1180	7.66	46.10	0.02	0.52	7.40	0.12	45.43	0.40	2360	111		2338	6.0	23			crat xeno	S. Africa	Boyd[2004]
FRB1181	9.20	44.72	0.02	0.90	7.91	0.11	45.75	0.60	2446	102		1872	5.2	26			crat xeno	S. Africa	Boyd[2004]
FRB1183	8.34	43.87	0.01	0.64	8.59	0.10	46.38	0.42	2744	119		1109	2.8	14			crat xeno	S. Africa	Boyd[2004]
FRB1625	8.00	44.10	0.03	0.62	7.88	0.12	46.98	0.27	2293	104		1920	5.0	14			crat xeno	S. Africa	Boyd[2004]
FRB1650	6.69	44.43	0.05	0.61	7.69	0.12	46.53	0.57	2353	104		2203	6.4	22			crat xeno	S. Africa	Boyd[2004]
FRB1651	8.65	44.24	0.03	0.69	7.92	0.12	46.55	0.44	2240	105		1904	5.6	30			crat xeno	S. Africa	Boyd[2004]
FRB1652	7.33	44.16	0.02	0.68	8.20	0.12	46.31	0.51	2460	114		1493	6.5	31			crat xeno	S. Africa	Boyd[2004]
FRB1680	8.77	45.98	0.04	1.47	7.73	0.11	43.74	0.93	2129	105		3085	12.0	34			crat xeno	S. Africa	Boyd[2004]
FRB1682	8.80	45.98	0.01	0.48	8.70	0.11	44.34	0.39	2519	116		1475	3.7	24			crat xeno	S. Africa	Boyd[2004]
FRB1684	8.75	44.93	0.01	1.21	8.08	0.12	44.35	1.31	2244	104		1846	7.5	35			crat xeno	S. Africa	Boyd[2004]
FRB1685	8.11	45.81	0.02	1.45	8.20	0.11	43.27	1.14	2398	11		2167	9.9	41			crat xeno	S. Africa	Boyd[2004]
PHN1686	11.60	47.08	0.13	0.58	7.96	0.11	43.70	0.43	2393	106		1477	4.3	26			crat xeno	S. Africa	Boyd[2004]
PHN1687	7.04	45.90	0.03	1.13	7.66	0.11	44.25	0.92	2272	103		2465	9.0	37			crat xeno	S. Africa	Boyd[2004]
JJG2513	5.06	46.21	0.01	1.98	7.18	0.13	42.93	1.56	2215	102		2342	10.0	42			crat xeno	S. Africa	Boyd[2004]
PHN2514	6.79	44.73	0.02	0.27	7.61	0.10	46.53	0.74	2459	113		1250	1.0	26			crat xeno	S. Africa	Boyd[2004]
PHN2517	4.42	43.86	0.01	1.51	7.60	0.12	45.54	1.36	2298	109		2146	9.0	38			crat xeno	S. Africa	Boyd[2004]
PHN5315	7.20	44.66	0.11	2.06	7.62	0.13	43.92	1.50	2175	103		2668	11.0	43			crat xeno	S. Africa	Boyd[2004]
PHN5316	4.65	46.10	0.03	2.63	7.52	0.13	41.42	2.19	2045	103		3118	13.0	55			crat xeno	S. Africa	Boyd[2004]
PHN5364	6.23	45.40	0.05	0.65	7.63	0.11	45.14	1.02	2297	111		1334	2.4	21			crat xeno	S. Africa	Boyd[2004]
PHN5365	6.72	45.40	0.03	1.51	7.67	0.14	44.44	0.80	2224	102		2691	10.0	27			crat xeno	S. Africa	Boyd[2004]
PHN6199	6.31	45.16	0.04	1.15	7.66	0.12	44.88	1.00	2243	93		2219	8.0	26			crat xeno	S. Africa	Boyd[2004]
FRB1350		46.54					42.67										crat xeno		Boyd[2004]
E11	6.39	46.12	0.03	1.73	7.71	0.11	43.35	0.95	2248	107		3223		40			crat xeno	S. Africa	Boyd[2004]

UV 191/89	5.36	42.72	0.01	0.28	7.20	0.11	49.30	0.33	2531		1945		10		crat xeno	Central Siberia	Boyd[1997]
UV 563/89	12.84	45.08	0.02	1.07	7.30	0.10	45.98	0.33	2267	94	1803	7.0	21		crat xeno	Central Siberia	Boyd[1997]
UV 564/89	13.88	44.94	0.04	1.09	7.27	0.13	44.59	1.69	2145	92	1757	6.0	23		crat xeno	Central Siberia	Boyd[1997]
UV 565/89	12.41	44.56	0.03	1.08	7.21	0.10	45.39	1.40	2208	94	1766	6.0	22		crat xeno	Central Siberia	Boyd[1997]
UV 111/91	9.08	45.00	0.00	0.45	6.44	0.10	47.50	0.39	2220	103	2385	5.0	22		crat xeno	Central Siberia	Boyd[1997]
UV 65/92	9.46	44.37	0.01	1.32	6.58	0.12	46.81	0.54	2226	100	1936	9.0	25	0.000	crat xeno	Central Siberia	Boyd[1997]
UV 34/93	8.16	47.54	0.04	1.38	6.12	0.10	43.82	0.78	2626	107	2781	8.2	20	7.000	crat xeno	Central Siberia	Boyd[1997]
UV 105/93	13.12	46.05	0.02	0.59	6.58	0.23	45.70	0.56	1875	91	1787	3.9	10	7.000	crat xeno	Central Siberia	Boyd[1997]
UV 215/93	9.05	46.72	0.02	1.33	6.70	0.12	43.98	0.90	2100	90	2715	9.2	16	4.000	crat xeno	Central Siberia	Boyd[1997]
Uv 274/89	3.05	42.23	0.09	0.61	7.51	0.10	48.24	1.03	2382	113	2451	6.0	23		crat xeno	Central Siberia	Boyd[1997]
Uv 285/89	2.75	42.46	0.09	0.56	7.50	0.10	48.13	0.99	2368	84	2456	6.0	21		crat xeno	Central Siberia	Boyd[1997]
Uv 293/89	2.50	43.27	0.06	0.76	7.33	0.11	47.02	1.26	2379	109	2236	7.0	28		crat xeno	Central Siberia	Boyd[1997]
Uv 306/89	14.35	44.22	0.02	1.21	7.92	0.12	45.66	0.67	2058	98	2249	9.0	22		crat xeno	Central Siberia	Boyd[1997]
Uv 417/89	10.62	44.88	0.19	3.69	8.33	0.19	39.33	2.94	1557	74	2058	14.0	67		crat xeno	Central Siberia	Boyd[1997]
Uv 485/89	2.89	43.08	0.06	0.86	7.34	0.11	47.45	0.96	2373	105	2129	8.0	28		crat xeno	Central Siberia	Boyd[1997]
Uv 25/91	14.60	44.15	0.01	1.30	7.60	0.12	45.96	0.72	1919	89	1901	7.0	29		crat xeno	Central Siberia	Boyd[1997]
Uv 100/91	7.19	45.76	0.01	3.65	6.68	0.18	42.05	1.48	1730	86	5990	29.0	38		crat xeno	Central Siberia	Boyd[1997]
Uv 51/93	14.76	45.47	0.07	0.37	7.87	0.13	45.43	0.35	2223	97	1380	2.3	23	5.000	crat xeno	Central Siberia	Boyd[1997]
Uv 76/93	11.16	46.49	0.07	1.05	7.47	0.13	43.93	0.54	2062	93	2772	7.0	29	8.000	crat xeno	Central Siberia	Boyd[1997]
Uv 178/93	16.74	44.28	0.02	0.70	7.93	0.25	45.55	1.04	1759	90	2133	5.5	22	11.000	crat xeno	Central Siberia	Boyd[1997]
Uv 219/93	16.10	44.64	0.04	1.01	7.64	0.25	45.17	1.04	1833	92	2933	8.2	20	7.000	crat xeno	Central Siberia	Boyd[1997]
k11a14	3.8	43.86	0.04	1.14	7.45	0.12	46.26	0.76							crat xeno	Somerset	Irvine[2003]
k11a15	5.2	43.71	0.08	1.06	7.43	0.12	46.00	1.16							crat xeno	Somerset	Irvine[2003]
a16	5.3	43.96	0.03	1.37	6.94	0.11	45.72	1.29							crat xeno	Somerset	Irvine[2003]
a17	5.8	43.90	0.06	0.96	7.38	0.12	46.10	0.99							crat xeno	Somerset	Irvine[2003]
a18	4.9	43.01	0.04	0.84	7.25	0.12	47.55	0.49							crat xeno	Somerset	Irvine[2003]
k13b4	3.2	45.48	0.08	0.82	7.15	0.10	45.33	0.65							crat xeno	Somerset	Irvine[2003]
k15aa4	6.6	44.67	0.02	0.96	7.33	0.10	46.18	0.32							crat xeno	Somerset	Irvine[2003]
nic	4.2	43.36	0.11	0.84	7.90	0.27	46.31	0.72							crat xeno	Somerset	Irvine[2003]
n2b	2.6	43.48	0.09	0.72	7.48	0.11	47.10	0.74							crat xeno	Somerset	Irvine[2003]
x04	3	45.94	0.09	2.39	7.28	0.12	41.38	2.36							crat xeno	Somerset	Irvine[2003]
x05	3.8	44.46	0.05	1.67	7.78	0.11	44.21	1.28							crat xeno	Somerset	Irvine[2003]
x06	7	44.19	0.08	3.33	7.74	0.14	42.11	1.81							crat xeno	Somerset	Irvine[2003]
x07	3.4	45.84	0.03	0.21	7.06	0.10	46.25	0.25							crat xeno	Somerset	Irvine[2003]
jp1x2	3.4	44.27	0.04	1.34	7.50	0.22	44.86	1.36							crat xeno	Somerset	Irvine[2003]
jp3x1	5.4	43.91	0.06	0.85	7.43	0.11	46.76	0.50							crat xeno	Somerset	Irvine[2003]
jps1	5.2	44.84	0.05	0.64	7.15	0.08	45.79	1.04							crat xeno	Somerset	Irvine[2003]
jps6a	4.9	43.62	0.06	1.47	7.66	0.09	45.38	1.35							crat xeno	Somerset	Irvine[2003]
jps6b	5.2	43.44	0.05	1.68	7.67	0.11	44.89	1.74							crat xeno	Somerset	Irvine[2003]
jpn2	3.9	43.23	0.14	0.73	8.36	0.10	46.56	0.54							crat xeno	Somerset	Irvine[2003]
jpn3a	4.7	45.86	0.08	1.15	7.13	0.10	44.51	0.79							crat xeno	Somerset	Irvine[2003]
jpn3b	4.8	45.78	0.07	1.15	7.07	0.16	44.13	1.24							crat xeno	Somerset	Irvine[2003]
jpn4	4	44.95	0.10	1.76	7.27	0.10	44.37	1.01							crat xeno	Somerset	Irvine[2003]
jpn9	4.5	44.09	0.02	0.73	7.69	0.11	46.32	0.77							crat xeno	Somerset	Irvine[2003]
jpn11	3.5	46.06	0.03	0.72	7.34	0.10	44.46	0.88							crat xeno	Somerset	Irvine[2003]
18-1	7.95	43.98	0.09	2.20	7.26	0.12	43.91	1.43							crat xeno	Gahcho Kue	Kopylova[2004]
ak38-1	6.6	42.96	0.22	1.74	7.24	0.11	45.33	1.48	2010.00						crat xeno	Gahcho Kue	Kopylova[2004]
38-5	9.66	43.80	0.16	2.03	7.49	0.15	42.18	2.80	2184.00						crat xeno	Gahcho Kue	Kopylova[2004]
32-2	7.8	43.66	0.08	1.00	7.33	0.11	46.02	1.13	2003.00						crat xeno	Gahcho Kue	Kopylova[2004]
2-10.	6.88	43.64	0.13	1.65	7.88	0.13	44.12	1.74	2216.00						crat xeno	Gahcho Kue	Kopylova[2004]
N 8-7	0.35	46.00	0.02	0.64	5.78	0.10	45.58	0.60		109			17		crat xeno	Jericho	Kopylova[2000]
N 5-3	7.69	39.19	0.06	1.88	8.42	0.10	39.86	1.45		125			52		crat xeno	Jericho	Kopylova[2000]
N 10-9	1.60	42.71	0.07	0.82	7.93	0.13	44.33	1.07		123			41		crat xeno	Jericho	Kopylova[2000]
N 11-22	1.77	44.35	0.08	1.61	7.28	0.14	41.31	1.78		113			63		crat xeno	Jericho	Kopylova[2000]

N 13-2	3.58	41.77	0.05	0.47	7.90	0.12	44.15	0.79		122				30			crat xeno	Jericho	Kopylova[2000]
H67-28I		44.22	0.00	0.52	7.07	0.11	43.62	0.60	2355	112	0.021		9.1	46	0.021	3.284	crat xeno	Montana	Carlson[1994]
H68-16B		44.61	0.13	1.09	6.80	0.11	43.76	0.87	2128	110	0.019		11.6	47	0.019	4.212	crat xeno	Montana	Carlson[1994]
T3-4		43.36	0.00	0.77	6.91	0.10	43.44	0.56	2125	102	0.033		7.9	39	0.033	3.311	crat xeno	Montana	Carlson[1994]
H69-15F		43.23	0.05	1.03	7.23	0.11	43.10	1.05	2168	109	0.047		12.4	43	0.047	1.165	crat xeno	Montana	Carlson[1994]
WP28-3-1		43.49	0.00	0.88	7.61	0.11	43.77	1.11	2296	116	0.034		10.6	57	0.034	1.263	crat xeno	Montana	Carlson[1994]
H81-21		43.20	0.00	1.07	7.33	0.11	44.09	0.90	2319	117	0.011		11.1	39	0.011	1.791	crat xeno	Montana	Carlson[1994]
9.2/2	2.38	42.98	0.01	1.00	7.67	0.13	44.05	0.92		105	0.060		12.8	47	0.060	3.880	crat xeno	Finland	Peltonen[2007]
14.07/1	3.04	42.67	0.10	0.26	8.16	0.12	44.12	0.63		105			3.8	33		8.540	crat xeno	Finland	Peltonen[2007]
14.07/2	1.99	41.78	0.02	0.22	7.67	0.12	47.26	19.00		112			4.3	28		3.070	crat xeno	Finland	Peltonen[2007]
14.01/1	2.45	46.59	0.04	0.84	6.83	0.11	41.42	1.01		90.2			6.3	34		3.810	crat xeno	Finland	Peltonen[2007]
5.8/1	2.74	44.22	0.07	1.15	7.89	0.13	42.42	72.00		103			9.5	40		1.330	crat xeno	Finland	Peltonen[2007]
5.8/2	4.48	42.99	0.06	2.29	7.96	0.13	39.87	1.55		96.8	0.070		13.9	55	0.070	2.180	crat xeno	Finland	Peltonen[2007]
N23	7.26	44.96	0.04	0.75	6.64	0.07	46.48	0.80	2300	124		1620	4.3	31		2.200	crat xeno	W. Australia	Jaques[1990]
N25	9.92	47.32	0.06	1.06	6.15	0.07	44.81	0.24	2150	116	0.070	1950	7.4	23	0.070	3.000	crat xeno	W. Australia	Jaques[1990]
N40	6.84	44.00	0.07	0.57	6.73	0.08	47.68	0.56	2350	127	0.050	1640	4.4	23	0.050	3.300	crat xeno	W. Australia	Jaques[1990]
N48	10.35	46.52	0.03	1.10	6.94	0.06	43.99	0.97	2300	116	0.120	1700	6.0	47	0.120	4.400	crat xeno	W. Australia	Jaques[1990]
89-662		41.21	0.05	0.17	8.57	0.11	49.64	0.09	2990				2.7	9			crat xeno	Tanzania	Lee[1997]
LB1 ave		44.52	0.08	0.40	6.48	0.12	48.09	0.25	2691				0.9	14			crat xeno	Labait,Tanzania	Lee[1997]
LB6 ave		42.21	0.14	0.67	7.52	0.13	48.57	0.57	2853				5.7	19			crat xeno	Labait,Tanzania	Lee[1997]
LB7 ave		41.87	0.13	0.57	7.69	0.14	49.18	0.28	2793				2.3	20			crat xeno	Labait,Tanzania	Lee[1997]
LB8 ave		43.98	0.07	0.35	6.57	0.12	48.66	0.19	2838				1.6	16			crat xeno	Labait,Tanzania	Lee[1997]
LB 9 ave		43.39	0.06	0.37	6.72	0.12	49.05	0.22	2962				2.1	16			crat xeno	Labait,Tanzania	Lee[1997]
LB 11 ave		43.97	0.04	0.86	7.33	0.13	47.33	0.31	2573				2.2	25			crat xeno	Labait,Tanzania	Lee[1997]
LB 14 ave		42.14	0.08	0.33	7.30	0.12	49.91	0.04	2797				1.3	13			crat xeno	Labait,Tanzania	Lee[1997]
LB 16 ave		43.87	0.14	0.61	7.38	0.13	47.36	0.41	2616				4.1	21			crat xeno	Labait,Tanzania	Lee[1997]
LB 17 ave		45.16	0.25	0.57	7.56	0.14	45.79	0.43	2465				2.1	28			crat xeno	Labait,Tanzania	Lee[1997]
LB 18 ave		42.36	0.11	0.43	8.46	0.13	48.04	0.39	2703				1.3	18			crat xeno	Labait,Tanzania	Lee[1997]
LB 19R ave		42.97	0.09	0.84	8.66	0.15	46.56	0.47	2562				3.2	27			crat xeno	Labait,Tanzania	Lee[1997]
LB21 ave		41.90	0.11	0.31	6.70	0.12	50.22	0.54	2814				2.1	17			crat xeno	Labait,Tanzania	Lee[1997]
LB 22 ave		44.06	0.08	0.69	7.61	0.13	46.96	0.40	2638				2.2	25			crat xeno	Labait,Tanzania	Lee[1997]
LB 23 ave		43.23	0.03	0.55	7.35	0.13	48.19	0.42	2754				2.4	19			crat xeno	Labait,Tanzania	Lee[1997]
LB26 ave		43.26	0.15	0.47	7.29	0.14	48.44	0.18	2775				1.3	17			crat xeno	Labait,Tanzania	Lee[1997]
LB 29 ave		43.78	0.07	0.90	7.25	0.13	47.48	0.31	2671				5.6	25			crat xeno	Labait,Tanzania	Lee[1997]
LB 31 ave		44.36	0.04	1.04	7.41	0.14	45.95	0.98	2738				8.7	32			crat xeno	Labait,Tanzania	Lee[1997]
LB33 ave		42.96	0.35	0.62	7.48	0.13	47.60	0.71	2704				2.8	27			crat xeno	Labait,Tanzania	Lee[1997]
LB 36 ave		44.58	0.07	0.90	7.11	0.13	46.42	0.63	2752				6.9	27			crat xeno	Labait,Tanzania	Lee[1997]
LB 39 ave		45.11	0.16	0.87	7.88	0.14	44.91	0.73	2681				5.4	29			crat xeno	Labait,Tanzania	Lee[1997]
LB 55 ave		44.09	0.09	0.78	6.96	0.13	47.28	0.42	2856				5.9	28			crat xeno	Labait,Tanzania	Lee[1997]
LB61 ave		43.10	0.11	0.51	7.14	0.13	48.66	0.24	2773				1.8	17			crat xeno	Labait,Tanzania	Lee[1997]
KAT 1 WSU		45.54	0.11	0.65	7.04	0.11	45.97	0.39	2570				4.0	18			crat xeno	Labait,Tanzania	Lee[1997]
KAT 17 WSU		44.80	0.06	0.41	10.55	0.13	43.28	0.64	2609				0.0	16			crat xeno	Labait,Tanzania	Lee[1997]
LB2 AVERAGE		44.36	0.07	1.20	6.72	0.13	46.86	0.51	2542				4.8	22			crat xeno	Labait,Tanzania	Lee[1997]
LB4 AVERAGE		45.20	0.03	1.57	7.65	0.13	44.21	1.09	2406				6.0	37			crat xeno	Labait,Tanzania	Lee[1997]
LB12 ave		44.47	0.05	2.02	8.50	0.15	42.90	1.82	2376				4.8	44			crat xeno	Labait,Tanzania	Lee[1997]
LB24 ave		44.15	0.06	1.24	7.07	0.13	46.68	0.62	2635				3.4	26			crat xeno	Labait,Tanzania	Lee[1997]
LB34 ave		42.06	0.19	0.70	9.50	0.14	46.86	0.44	2536				2.2	22			crat xeno	Labait,Tanzania	Lee[1997]
LB45 ave		44.40	0.21	3.99	8.55	0.16	39.67	2.81	2251				15.8	68			crat xeno	Labait,Tanzania	Lee[1997]
LB50-1		44.52	0.05	1.39	7.93	0.14	44.93	0.99	2437				3.0	32			crat xeno	Labait,Tanzania	Lee[1997]
LB50-2		44.64	0.05	1.34	7.88	0.14	44.95	0.97	2441				4.3	31			crat xeno	Labait,Tanzania	Lee[1997]
LB53 ave		43.54	0.13	1.77	8.11	0.14	44.90	1.37	2508				4.7	34			crat xeno	Labait,Tanzania	Lee[1997]
89-661		42.68	0.08	0.70	6.82	0.09	48.41	0.95	2660				5.8	25			crat xeno	Olmani, Tanzania	Rudnick[1994]. Conference
89-662		41.21	0.05	0.17	8.57	0.11	49.64	0.09	2990				2.7	9			crat xeno	Olmani, Tanzania	Rudnick[1994].
89-663		41.94	0.10	0.69	9.13	0.11	47.28	0.36	2730				3.6	20			crat xeno	Olmani, Tanzania	Rudnick[1994].

89-664		42.19	0.15	0.19	8.92	0.12	47.92	0.31	2560				2.7	19			crat xeno	Olmani, Tanzania	Rudnick[1994].
89-669		42.11	0.10	0.57	9.76	0.12	45.09	1.81	2510				6.9	36			crat xeno	Olmani, Tanzania	Rudnick[1994].
89-671		40.55	0.13	0.42	11.62	0.14	46.71	0.09	2600				2.0	8			crat xeno	Olmani, Tanzania	Rudnick[1994].
89-672		41.91	0.06	0.19	7.22	0.08	49.42	0.95	2760				1.8	22			crat xeno	Olmani, Tanzania	Rudnick[1994].
89-674		43.59	0.11	0.86	8.44	0.12	45.57	1.06	2420				6.6	26			crat xeno	Olmani, Tanzania	Rudnick[1994].
89-675		45.56	0.05	0.92	6.37	0.10	46.15	0.62	2290				6.9	26			crat xeno	Olmani, Tanzania	Rudnick[1994].
89-676		46.20	0.14	0.67	10.83	0.16	33.97		1550				18.3	50			crat xeno	Olmani, Tanzania	Rudnick[1994].
89-678		42.03	0.07	0.26	8.19	0.11	48.86	0.30	2750				2.3	15			crat xeno	Olmani, Tanzania	Rudnick[1994].
89-680		44.67	0.03	1.23	6.67	0.10	46.33	0.82	2310				7.4	30			crat xeno	Olmani, Tanzania	Rudnick[1994].
89-719		43.47	0.02	1.09	6.84	0.09	47.78	0.55	2610				5.3	21			crat xeno	Olmani, Tanzania	Rudnick[1994].
TZ 2-16		43.85	0.03	1.28	5.74	0.07	48.68	0.21	2450				6.4				crat xeno	Olmani, Tanzania	Rudnick[1994].
BD730		45.24	0.08	2.49	7.33	0.09	42.96	1.48									crat xeno	Olmani, Tanzania	Rudnick[1994].
89-772		40.56	0.00	0.11	12.46	0.15	46.01	0.66	3770	180	0.034	940	4.9	11	0.034	1.390	crat xeno	N.Tanzania	Rudnick[1993]
89-773		44.12	0.01	0.39	5.98	0.08	49.24	0.11	2480	112	0.040	2500	4.1	16	0.040	9.700	crat xeno	N.Tanzania	Rudnick[1993]
89-774		41.35	0.00	0.10	6.27	0.08	51.94	0.16	2810	128		1890	1.6	7		0.470	crat xeno	N.Tanzania	Rudnick[1993]
89-776		41.73	0.02	0.09	5.86	0.09	51.57	0.58	2890	120	0.043	1920	1.7	7	0.043	1.350	crat xeno	N.Tanzania	Rudnick[1993]
89-777		41.33	0.05	0.17	8.51	0.16	48.17	1.36	2540	121	0.065	2420	2.9	14	0.065	10.100	crat xeno	N.Tanzania	Rudnick[1993]
89-778		40.93	0.05	0.22	8.83	0.11	49.56	0.28	3930	200		640	3.3	6		1.900	crat xeno	N.Tanzania	Rudnick[1993]
89-780		41.49	0.03	0.12	6.72	0.10	51.00	0.48	2790	123	0.048	2020	2.1	8	0.048	1.720	crat xeno	N.Tanzania	Rudnick[1993]
NK1-5	3.50	42.33	0.07	1.95	7.75	0.12	41.54	1.44			0.140				0.140	2.570	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
NK2-3	1.77	42.40	0.09	2.90	7.20	0.13	41.82	1.98			0.302			55	0.302	7.940	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
NK2-10	1.84	41.55	0.03	1.25	7.43	0.11	45.54	1.22			0.152				0.152	8.580	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
NK3-20	3.30	43.33	0.10	3.22	7.60	0.13	37.62	3.22			0.342			80	0.342	4.080	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
NK3-25	2.81	41.48	0.21	4.29	7.42	0.13	39.52	2.13			0.319			68	0.319	4.740	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
NK1-2	2.71	41.83	0.03	1.31	7.40	0.11	44.51	1.11			0.099			31	0.099	4.160	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
NK1-3	3.89	41.05	0.03	1.34	7.46	0.11	44.29	0.82			0.154				0.154	3.560	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
NK1-6	5.85	40.54	0.02	1.26	7.13	0.10	43.60	0.41			0.160			25	0.160	1.820	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
NK1-7	4.31	41.40	0.03	1.58	7.09	0.10	43.72	0.72			0.124				0.124	0.875	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
NK1-17	3.88	41.18	0.01	0.81	7.04	0.11	45.35	0.49									crat xeno	Nikos, Somerset I.	Schmidberger[2002]
NK1-18	2.75	42.94	0.03	0.79	6.97	0.10	44.93	0.54			0.021				0.021	1.500	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
nk1-4		44.53	0.06	2.60	7.59	0.14	43.79	1.28			0.142			45	0.142	3.460	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
nk1-9		43.92	0.04	1.67	7.66	0.12	45.60	1.01			0.104			36	0.104	1.970	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
nk1-12		42.88	0.03	0.59	8.16	0.12	47.63	0.60			0.070			18	0.070	5.220	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
nk1-14		44.14	0.03	1.80	7.64	0.12	45.09	1.19			0.128			36	0.128	2.310	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
nk1-15		44.78	0.06	1.15	7.73	0.12	45.22	0.93			0.055				0.055	5.010	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
nk1-23		43.73	0.11	2.89	8.33	0.13	42.92	1.91			0.331				0.331	12.260	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
nk3-4		44.33	0.12	3.61	7.73	0.12	40.17	3.93			0.366				0.366	5.370	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
nk3-11		43.20	0.06	1.16	7.39	0.11	45.12	2.96			0.062			50	0.062	2.510	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
nk3-13		43.17	0.06	1.18	7.69	0.10	45.27	2.52			0.076			39	0.076	5.750	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
nk3-15		44.22	0.08	1.51	7.01	0.10	44.04	3.05			0.050			34	0.050	3.400	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
nk3-16		42.22	0.06	0.97	8.28	0.10	46.75	1.61			0.106			29	0.106	2.220	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
nk3-24		47.09	0.03	2.34	6.47	0.13	41.65	2.29			0.140				0.140	3.480	crat xeno	Nikos, Somerset I.	Schmidberger[2002]
HK1-13H	6.96	45.12	0.00	0.38	7.06	0.12	46.93	0.39	2640	106		2280		55			crat xeno	Wyoming	Carlson[2004]
HK1-13W	5.93	52.28	0.02	1.20	5.46	0.14	38.24	2.67	1730	72		5210		80			crat xeno	Wyoming	Carlson[2004]
HK1-19	6.05	48.09	0.01	1.43	6.82	0.13	42.45	1.06	2510	87		2955		69			crat xeno	Wyoming	Carlson[2004]
HK1-21	8.41	43.72	0.01	0.17	8.04	0.11	47.52	0.42	3380	118		2085		50			crat xeno	Wyoming	Carlson[2004]
HK1-24	7.90	45.95	0.03	2.18	7.98	0.14	41.45	2.26	2510	105		2625		78			crat xeno	Wyoming	Carlson[2004]
HK1-25	7.00	45.01	0.02	1.99	7.74	0.14	43.36	1.73	2640	90		2760		72			crat xeno	Wyoming	Carlson[2004]
HK1-26	7.33	46.81	0.02	1.40	6.97	0.13	43.71	0.95	2570	88		2390		62			crat xeno	Wyoming	Carlson[2004]
HK4-1	6.44	44.46	0.04	2.91	6.97	0.14	43.45	2.03	2065	93		2820		74			crat xeno	Wyoming	Carlson[2004]
HOO10-22	8.03	45.24	0.01	1.39	6.23	0.11	46.73	0.29	2415	99		2770		52			crat xeno	Wyoming	Carlson[2004]
13-16-3	9.11	43.89	0.01	0.37	7.23	0.16	47.79	0.57	2785	119		2080		57			crat xeno	Wyoming	Carlson[2004]
13-19-2	3.97	50.94	0.26	3.38	6.88	0.17	22.01	16.37	960	55		3470		198			crat xeno	Wyoming	Carlson[2004]
13-19-6	8.52	43.11	0.06	1.26	8.74	0.15	45.87	0.81	2925	109		2400		68			crat xeno	Wyoming	Carlson[2004]

13-19-11	6.47	44.70	0.13	0.83	7.64	0.13	45.82	0.75	2755	107	4000	65	crat xeno	Wyoming	Carlson[2004]
13-19-15	6.45	44.73	0.11	4.28	8.50	0.19	38.58	3.61	2040	93	2555	100	crat xeno	Wyoming	Carlson[2004]
13-19-20	6.48	44.71	0.08	2.93	8.47	0.14	40.82	2.85	2560	98	2270	93	crat xeno	Wyoming	Carlson[2004]
13-19-22	7.87	44.26	0.10	1.04	8.48	0.15	44.76	1.21	2710	117	2125	71	crat xeno	Wyoming	Carlson[2004]
13-19-27	8.48	44.50	0.16	3.66	8.58	0.21	39.64	3.26	2520	102	2440	107	crat xeno	Wyoming	Carlson[2004]
K11A14	3.80	44.02	0.04	1.14	7.48	0.12	46.43	0.76	2380				crat xeno	Somerset I, Canada	Irvine[2004]
K11A15	5.20	43.90	0.09	1.06	7.46	0.12	46.21	1.17	2441				crat xeno	Somerset I, Canada	Irvine[2004]
K11A16	5.30	44.21	0.03	1.38	6.98	0.11	45.99	1.30	2435				crat xeno	Somerset I, Canada	Irvine[2004]
K11A17	5.80	44.11	0.06	0.96	7.42	0.12	46.33	1.00	2188				crat xeno	Somerset I, Canada	Irvine[2004]
K11A18	4.90	43.31	0.04	0.84	7.30	0.12	47.89	0.50	2408				crat xeno	Somerset I, Canada	Irvine[2004]
K12A1	4.20	43.94	0.10	0.94	7.34	0.12	46.92	0.63	2350				crat xeno	Somerset I, Canada	Irvine[2004]
K13A1	12.30	44.44	0.02	1.04	8.08	0.12	44.72	1.58	2407				crat xeno	Somerset I, Canada	Irvine[2004]
K13A3	3.60	45.19	0.04	0.42	7.01	0.11	46.71	0.52	2468				crat xeno	Somerset I, Canada	Irvine[2004]
K13A4	14.60	46.38	0.05	0.48	8.39	0.11	41.13	3.47	2128				crat xeno	Somerset I, Canada	Irvine[2004]
K13A5	9.70	45.96	0.26	1.11	7.69	0.21	43.85	0.91	2170				crat xeno	Somerset I, Canada	Irvine[2004]
K13B4	3.20	45.65	0.08	0.83	7.17	0.10	45.51	0.65	2519				crat xeno	Somerset I, Canada	Irvine[2004]
K15A4	6.60	44.86	0.02	0.97	7.36	0.10	46.37	0.32	2441				crat xeno	Somerset I, Canada	Irvine[2004]
N1C	4.20	43.57	0.12	0.84	7.94	0.27	46.54	0.72	2495				crat xeno	Somerset I, Canada	Irvine[2004]
N2B	2.60	43.60	0.09	0.72	7.50	0.11	47.23	0.74	2550				crat xeno	Somerset I, Canada	Irvine[2004]
X04	3.00	46.14	0.09	2.40	7.31	0.12	41.56	2.37	2034				crat xeno	Somerset I, Canada	Irvine[2004]
X05	3.80	44.66	0.05	1.67	7.81	0.12	44.40	1.29	2303				crat xeno	Somerset I, Canada	Irvine[2004]
X06	7.00	44.45	0.08	3.25	7.81	0.14	42.45	1.82	1793				crat xeno	Somerset I, Canada	Irvine[2004]
X07	3.40	45.96	0.03	0.21	7.08	0.10	46.37	0.25	2722				crat xeno	Somerset I, Canada	Irvine[2004]
JP1-X2	3.40	44.45	0.04	1.34	7.54	0.22	45.05	1.37	2351				crat xeno	Somerset I, Canada	Irvine[2004]
JP2-X2	5.20	44.94	0.09	0.64	7.19	0.11	46.03	1.01	2367				crat xeno	Somerset I, Canada	Irvine[2004]
JP3-X1	4.60	43.62	0.04	0.11	7.66	0.11	48.05	0.42	2566				crat xeno	Somerset I, Canada	Irvine[2004]
JP3-X	5.40	44.09	0.06	0.85	7.46	0.08	46.96	0.50	2439				crat xeno	Somerset I, Canada	Irvine[2004]
JPS-1	5.20	45.01	0.05	0.64	7.18	0.10	45.97	1.04	2648				crat xeno	Somerset I, Canada	Irvine[2004]
JPS-6A	4.90	43.78	0.06	1.48	7.69	0.11	45.54	1.35	2498				crat xeno	Somerset I, Canada	Irvine[2004]
JPS-6B	5.20	43.63	0.05	1.69	7.70	0.11	45.08	1.74	2516				crat xeno	Somerset I, Canada	Irvine[2004]
JPN-2	3.90	43.37	0.14	0.73	8.39	0.10	46.72	0.54	2455				crat xeno	Somerset I, Canada	Irvine[2004]
JPN-3A	4.70	45.99	0.08	1.15	7.15	0.16	44.67	0.79	2267				crat xeno	Somerset I, Canada	Irvine[2004]
JPN-3B	4.80	45.99	0.07	1.16	7.10	0.11	44.33	1.24	2309				crat xeno	Somerset I, Canada	Irvine[2004]
JPN-4	4.00	45.14	0.10	1.77	7.30	0.11	44.56	1.02	2107				crat xeno	Somerset I, Canada	Irvine[2004]
JPN-9	4.50	44.21	0.02	0.73	7.71	0.10	46.45	0.77	2619				crat xeno	Somerset I, Canada	Irvine[2004]
JPN-11	3.50	46.24	0.03	0.73	7.37	0.11	44.63	0.88	2529				crat xeno	Somerset I, Canada	Irvine[2004]
ks	5.98	44.14	0.00	0.53	6.64	0.12	47.70	0.34	2947.00		1730.00		crat xeno	Kimberley, S Africa	Simon[2007]
k6	5.1	46.56	0.00	0.84	6.15	0.12	45.48	0.30	2782.00		2342.00		crat xeno	Kimberley, S Africa	Simon[2007]
k8	5	46.17	0.00	0.96	6.32	0.12	45.41	0.47	3400.00		2044.00		crat xeno	Kimberley, S Africa	Simon[2007]
k9	7.74	46.03	0.00	0.54	6.72	0.12	45.49	0.42	3013.00		1976.00		crat xeno	Kimberley, S Africa	Simon[2007]
k10	4.5	46.71	0.10	0.90	6.14	0.12	45.05	0.54	2724.00		1860.00		crat xeno	Kimberley, S Africa	Simon[2007]
k11	4.79	46.23	0.31	0.51	6.61	0.11	44.86	0.75	2876.00		2313.00		crat xeno	Kimberley, S Africa	Simon[2007]
k16	3.97	47.37	0.02	1.64	6.56	0.13	42.48	1.20	2787.00		2330.00		crat xeno	Kimberley, S Africa	Simon[2007]
k20	4.53	47.93	0.03	1.82	6.42	0.13	41.85	1.14	2474.00		2829.00		crat xeno	Kimberley, S Africa	Simon[2007]
k22	9.34	42.49	0.18	0.88	8.55	0.13	44.35	2.64	3024.00		1553.00		crat xeno	Kimberley, S Africa	Simon[2007]
k23	8.15	44.43	0.14	0.33	7.92	0.13	45.67	0.75	2893.00		1272.00		crat xeno	Kimberley, S Africa	Simon[2007]
frb 914	3.26	47.74	0.04	1.36	6.43	0.14	43.27	0.86	1973		3092	33	crat xeno	Premier, S Africa	Boyd[1999]
frb 919	3.97	45.06	0.01	1.21	6.51	0.11	46.47	0.52	2079		2807	31	crat xeno	Premier, S Africa	Boyd[1999]
frb 1353	5.87	46.20	0.01	0.81	6.72	0.10	45.79	0.33	2219	92	2857	6.0 35	crat xeno	Premier, S Africa	Boyd[1999]
frb 1374	4.32	44.26	0.04	0.99	6.70	0.09	47.14	0.63	2232	113	3125	8.0 34	crat xeno	Premier, S Africa	Boyd[1999]
frb 1382	3.22	45.80	0.06	1.90	6.68	0.11	43.14	2.16	2080	109	2808	10.0 46	crat xeno	Premier, S Africa	Boyd[1999]
phn 5236	4.18	44.65	0.00	2.38	5.76	0.11	42.18	0.84	2057		2671	34	crat xeno	Premier, S Africa	Boyd[1999]
phn5244	3.79	43.96	0.03	1.06	6.99	0.12	46.82	0.49	2332		2128	61	crat xeno	Premier, S Africa	Boyd[1999]
phn 5245	6.52	44.89	0.01	1.10	7.54	0.10	45.90	0.40	2391		2484	29	crat xeno	Premier, S Africa	Boyd[1999]

phn 5248	7.79	43.66	0.00	0.51	6.18	0.08	49.47	0.09	2294		2112			crat xeno	Premier, S Africa	Boyd[1999]
phn 5254	4.53	45.14	0.05	1.42	7.02	0.13	44.44	1.60	2122		2926		38	crat xeno	Premier, S Africa	Boyd[1999]
phn 5266	3.52	46.48	0.01	1.47	6.25	0.13	44.67	0.86	2072		2888		28	crat xeno	Premier, S Africa	Boyd[1999]
phn 4531	4.59	45.84	0.01	1.18	6.14	0.13	46.14	0.40	2121		3092		26	crat xeno	Premier, S Africa	Boyd[1999]
frb 1419	5.16	45.76	0.01	1.00	6.36	0.08	46.26	0.47	2034	101	2536	6.0	31	crat xeno	Premier, S Africa	Boyd[1999]
frb 1425	4.99	47.85	0.01	1.66	5.98	0.10	43.47	0.79	1712	91	3357	9.0	33	crat xeno	Premier, S Africa	Boyd[1999]
frb 1429	4.06	47.20	0.00	1.26	5.84	0.09	44.93	0.56	1812	95	2977	8.0	21	crat xeno	Premier, S Africa	Boyd[1999]
frb 1431	4.86	45.79	0.01	1.10	5.87	0.09	46.49	0.54	1823	96	3169	7.0	32	crat xeno	Premier, S Africa	Boyd[1999]
frb 1434	4.01	47.19	0.01	1.22	5.96	0.09	44.97	0.49	1811	65	2962	7.0	29	crat xeno	Premier, S Africa	Boyd[1999]
frb 1435	5.25	44.75	0.01	0.77	6.29	0.09	47.73	0.28	2058	103	2494	6.0	22	crat xeno	Premier, S Africa	Boyd[1999]
frb 1450	3.76	46.01	0.01	1.11	6.23	0.08	45.86	0.55	1995	101	2738	6.0	27	crat xeno	Premier, S Africa	Boyd[1999]
frb451	5.47	45.97	0.00	1.10	6.06	0.12	46.34	0.26	2131		2632		25	crat xeno	Premier, S Africa	Boyd[1999]
phn 4258	4.62	45.53	0.04	0.78	6.09	0.11	47.25	0.15	2330		2413		20	crat xeno	Premier, S Africa	Boyd[1999]
phn 5232	3.63	45.78	0.02	1.19	6.65	0.13	45.15	0.87	2166		3187		33	crat xeno	Premier, S Africa	Boyd[1999]
phn 5246	4.71	46.11	0.03	1.39	6.73	0.14	44.27	0.98	2184		2835		35	crat xeno	Premier, S Africa	Boyd[1999]
N 9-12	2.27	42.64	0.05	0.34	6.37	0.10	46.82	0.35		119			20	crat xeno	Jericho, Canada	Kopylova[2000]
N 9-13	1.88	44.47	0.02	0.53	6.19	0.10	45.33	0.54		111			29	crat xeno	Jericho, Canada	Kopylova[2000]
N 10-8	1.19	44.88	0.02	1.13	6.77	0.11	44.07	0.76		118			28	crat xeno	Jericho, Canada	Kopylova[2000]
N 10-12B	0.97	45.24	0.05	0.65	6.00	0.10	45.46	0.63		93			22	crat xeno	Jericho, Canada	Kopylova[2000]
N 11-18	0.83	43.82	0.02	0.41	6.08	0.10	47.72	0.25		112			17	crat xeno	Jericho, Canada	Kopylova[2000]
N 23-9	1.86	45.63	0.02	0.67	5.87	0.10	44.62	0.28		109			24	crat xeno	Jericho, Canada	Kopylova[2000]
N 39-4	1.40	44.98	0.02	1.18	6.19	0.10	44.46	0.56		113			23	crat xeno	Jericho, Canada	Kopylova[2000]
N 39-23	1.36	42.08	0.04	1.28	6.68	0.10	46.43	0.92		110			27	crat xeno	Jericho, Canada	Kopylova[2000]
N 41-2	0.79	48.67	0.01	1.20	5.16	0.10	42.58	0.41		85			27	crat xeno	Jericho, Canada	Kopylova[2000]
N 44-12	6.68	41.41	0.02	1.05	6.45	0.08	42.87	0.25		111			23	crat xeno	Jericho, Canada	Kopylova[2000]
N 10-456'	2.09	44.30	0.05	0.95	7.12	0.12	42.30	1.75		112			42	crat xeno	Jericho, Canada	Kopylova[2000]
N 40-16	1.54	46.37	0.03	0.74	5.87	0.10	43.91	0.36		106			25	crat xeno	Jericho, Canada	Kopylova[2000]
N 53-10	8.28	38.80	0.06	0.64	8.02	0.09	41.98	0.74		140			36	crat xeno	Jericho, Canada	Kopylova[2000]
N 10-11	0.72	43.56	0.05	1.21	6.71	0.11	45.69	0.95		116			33	crat xeno	Jericho, Canada	Kopylova[2000]
N 10-12A	1.28	44.46	0.04	1.25	6.60	0.11	44.16	0.90		109			33	crat xeno	Jericho, Canada	Kopylova[2000]
N 21-1	1.28	45.89	0.03	0.66	6.64	0.12	43.58	0.54		111			37	crat xeno	Jericho, Canada	Kopylova[2000]
N 22-4	0.99	45.10	0.04	1.41	7.01	0.12	42.85	1.21		111			40	crat xeno	Jericho, Canada	Kopylova[2000]
N 28-15	2.79	44.18	0.10	1.49	7.11	0.12	41.85	0.84		110			29	crat xeno	Jericho, Canada	Kopylova[2000]
N 41-4	1.49	43.87	0.04	0.72	7.11	0.12	44.67	0.67		124			28	crat xeno	Jericho, Canada	Kopylova[2000]
N 21-3	2.43	42.05	0.15	1.53	7.89	0.12	42.59	1.50		116			50	crat xeno	Jericho, Canada	Kopylova[2000]
1-7a		43.80	0.01	1.15	6.75	0.18	47.06	0.10						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36171		43.94	0.00	0.27	6.02	0.19	49.41	0.08						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
1-15A		41.77	0.02	0.85	5.91	0.20	49.25	0.73						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
1-15B		43.42	0.01	0.50	6.99	0.19	48.42	0.21						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
1-16A		42.97	0.00	0.29	6.52	0.19	49.66	0.13						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
1-16B		44.40	0.01	0.67	6.81	0.18	47.39	0.24						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
1-16C		42.65	0.01	0.91	6.64	0.19	48.62	0.12						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
1-17B		42.91	0.01	0.46	6.72	0.19	49.13	0.18						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36178		44.93	0.01	0.50	6.49	0.18	47.55	0.11						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36179		41.69	0.01	1.50	6.92	0.20	48.68	0.08						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36180		43.44	0.01	1.51	6.66	0.19	46.94	0.26						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
1-21A		43.19	0.00	0.57	6.27	0.19	49.22	0.07						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
1-21B		44.76	0.01	0.71	6.59	0.18	46.92	0.27						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
1-22A		42.69	0.01	0.75	5.62	0.19	49.84	0.06						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
1-22b		43.67	0.00	0.24	6.01	0.19	49.74	0.07						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36201		44.36	0.01	0.91	6.43	0.18	47.23	0.22						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36202		43.54	0.00	0.43	6.21	0.19	49.24	0.08						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
2-12a		42.79	0.01	1.23	6.43	0.19	48.10	0.08						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
2-12b		42.03	0.01	1.02	6.69	0.19	48.71	0.06						crat xeno	Wiedemann, E.Greenland	Bernstein[1998]

2-15A	42.47	0.00	0.38	6.92	0.19	49.56	0.05		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
2-15B	41.85	0.01	0.92	6.63	0.20	49.15	0.06		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
2-16A	39.57	0.01	1.07	6.70	0.21	50.22	0.02		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
2-16B	43.47	0.00	0.40	6.22	0.19	49.23	0.07		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36210	42.27	0.01	1.28	7.07	0.19	48.30	0.09		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36212	39.13	0.01	0.91	9.00	0.21	48.41	0.02		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36213	40.73	0.00	0.24	6.47	0.20	51.26	0.02		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
2-24a	43.74	0.01	0.80	6.93	0.18	47.63	0.40		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
2-24Aa	43.40	0.01	1.29	6.71	0.19	47.55	0.34		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
2-24Ab	46.05	0.01	0.54	7.72	0.17	44.98	0.41		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
2-24b	43.09	0.00	0.38	5.83	0.19	50.05	0.06		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36216	44.18	0.02	1.43	6.49	0.18	46.12	0.61		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36217	42.38	0.00	0.53	6.88	0.19	49.49	0.08		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36219	43.33	0.01	0.76	9.61	0.18	44.64	0.37		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
10990	43.32	0.04	3.00	6.77	0.18	42.86	2.00		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
2-31a	42.02	0.00	0.47	6.93	0.20	49.88	0.11		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
2-32a	44.21	0.00	0.43	6.49	0.18	48.36	0.09		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
12086	41.59	0.00	0.30	6.38	0.20	50.86	0.03		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
4-24a	42.56	0.01	1.24	6.34	0.19	48.73	0.07		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
4-24b	39.98	0.01	0.55	7.18	0.21	50.26	0.02		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
4-25a	41.18	0.01	1.21	6.50	0.20	49.94	0.06		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
4-26a	43.12	0.00	0.55	6.94	0.19	48.81	0.14		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
4-26b	43.81	0.01	1.05	6.73	0.18	47.12	0.35		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36277	44.61	0.02	1.38	7.54	0.18	44.87	0.95		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
36279	43.77	0.01	0.95	6.87	0.18	47.53	0.14		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
429285a	44.52	0.00	0.45	6.24	0.18	48.27	0.10		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
42928.5	43.41	0.01	1.30	6.00	0.19	47.23	0.10		crat xeno	Wiedemann, E.Greenland	Bernstein[1998]
38-4	4.85	45.28	0.02	1.09	6.24	0.10	46.06	0.52	2098.00	crat xeno	Gahcho Kue, Canada	Kopylova[2004]
61-1	7.68	44.07	0.04	0.24	6.83	0.08	47.83	0.26	2289.00	crat xeno	Gahcho Kue, Canada	Kopylova[2004]
36-1	6.82	45.31	0.01	0.44	6.41	0.08	46.96	0.12	2248.00	crat xeno	Gahcho Kue, Canada	Kopylova[2004]
sp	6.45	44.85	0.02	0.59	6.50	0.09	46.97	0.30	2212.00	crat xeno	Gahcho Kue, Canada	Kopylova[2004]
a1	4.2	43.77	0.01	0.94	7.32	0.11	46.74	0.63		crat xeno	Somerset, Canada	Irvine[2004]
k13a1	12.3	44.16	0.02	1.03	8.03	0.13	44.44	1.57		crat xeno	Somerset, Canada	Irvine[2004]
a3	3.6	45.09	0.04	0.41	7.00	0.12	46.60	0.52		crat xeno	Somerset, Canada	Irvine[2004]
a4	14.6	45.60	0.05	1.65	8.25	0.11	40.44	3.41		crat xeno	Somerset, Canada	Irvine[2004]
a5	9.7	45.72	0.25	1.21	7.65	0.21	43.62	0.91		crat xeno	Somerset, Canada	Irvine[2004]
jp2x2	5.2	44.83	0.08	0.64	7.17	0.11	45.92	1.01		crat xeno	Somerset, Canada	Irvine[2004]
jp3x1	4.6	43.49	0.04	0.10	7.64	0.10	47.91	0.42		crat xeno	Somerset, Canada	Irvine[2004]
VT19		45.08	0.01	1.86	7.29	0.11	43.96	1.2		crat xeno	Grand Canyon, AZ	Smith[1999]
VT44	0.49	44.94	0.03	2.48	7.7	0.12	40.81	2.6		crat xeno	Grand Canyon, AZ	Smith[1999]
VT45	0.6	44.78	0.02	1.43	7.42	0.11	43.09	1.71		crat xeno	Grand Canyon, AZ	Smith[1999]
ME8	0.61	45.21	0.03	2.66	7.68	0.12	40.59	2.43		crat xeno	Grand Canyon, AZ	Smith[1999]
N61	1.05	45.34	0.11	2.34	7.84	0.12	39.64	2.24		crat xeno	Green Knobs, NM	Smith [1976].
N16	1.93	42.31	0.11	1.94	8.9	0.12	41.5	3.02		crat xeno	Green Knobs, NM	Smith [1976].
N17	1.45	45.4	0.02	1.97	6.99	0.08	42.04	1.68		crat xeno	Green Knobs, NM	Smith [1976].
N23	4.16	44.04	0.11	2.91	7.55	0.1	36.89	3.12		crat xeno	Green Knobs, NM	Aoki[1981]
N71	4.53	43.05	0.06	3.4	7.33	0.1	37.75	2.42		crat xeno	Green Knobs, NM	Aoki[1981]
N51	4.75	40.24	0.04	0.96	8.16	0.13	44.24	0.57		crat xeno	Green Knobs, NM	Aoki[1981]
N147	4.6	40.88	0.01	0.59	6.76	0.09	45.77	0.33		crat xeno	Green Knobs, NM	Aoki[1981]
GK-01	3.21	44.15	0.02	1.9	6.94	0.09	42.48	0.96		crat xeno	Green Knobs, NM	Aoki[1981]
GK-02	3.98	41.86	0.02	1.63	6.86	0.1	44.21	0.34		crat xeno	Green Knobs, NM	Aoki[1981]
GK-03	3.52	43.04	0.03	1.07	7.02	0.1	44.51	0.39		crat xeno	Green Knobs, NM	Aoki[1981]
GK-04	2.02	44.52	0.03	2.64	7.4	0.1	41.17	1.13		crat xeno	Green Knobs, NM	Aoki[1981]
GK-05	3.24	43.16	0.03	1.46	7.56	0.11	42.36	0.95		crat xeno	Green Knobs, NM	Aoki[1981]

GK-06	3.4	45.49	0.04	2.46	7.25	0.11	38.19	1.88						crat xeno	Green Knobs, NM	Aoki[1981]
GK-07	3.53	43.62	0.03	1.53	7.3	0.1	41.98	1.08						crat xeno	Green Knobs, NM	Aoki[1981]
GK-08	4.33	43.53	0.04	2.17	7.55	0.11	39.15	1.55						crat xeno	Green Knobs, NM	Aoki[1981]
GK-09	7.72	42.34	0.04	1.43	7.05	0.11	38.75	1.45						crat xeno	Green Knobs, NM	Aoki[1981]
GK-10	7.91	41.78	0.12	2.95	7.45	0.11	35.51	2.54						crat xeno	Green Knobs, NM	Aoki[1981]
GK-11	6.79	40.6	0.02	0.89	7.13	0.11	42.98	0.48						crat xeno	Green Knobs, NM	Aoki[1981]
GK-12	7.06	41.75	0.13	3.13	7.75	0.12	36.14	2.34						crat xeno	Green Knobs, NM	Aoki[1981]
GK-13	7.03	42.37	0.09	2.3	7.32	0.12	37.19	2.37						crat xeno	Green Knobs, NM	Aoki[1981]
GK-14	3.82	44.27	0	2.3	7.52	0.11	39.02	2.02						crat xeno	Green Knobs, NM	Aoki[1981]
GK-15	8.71	41.07	0.08	2.77	7.07	0.11	37.58	1.75						crat xeno	Green Knobs, NM	Aoki[1981]
AWL-21-69L	0.36	42.06	0.07	1.59	8.75	0.11	45.28	1.37						crat xeno		Aoki[1981]
	2.03	44.58	0.15	2.4	7.89	0.12	40.9	1.96						crat xeno	Puerco Necks, NM	Smith[1999]
		42.71	0.11	2	7.94	0.13	41.93	2.75						crat xeno	Puerco Necks, NM	Smith[1999]
S140	0.38	42.9	0.25	1.53	13	0.14	38.4	1.9						crat xeno	Thumb, NM	Ehrenberg[1982]
SBO82	0.54	42.5	0.27	3.01	11.2	0.14	36.6	2.98						crat xeno	Thumb, NM	Ehrenberg[1982]
S251	1	43.1	0.22	2.71	9.97	0.14	39.2	2.21						crat xeno	Thumb,□NM	Ehrenberg[1982]
S145	0.62	43.8	0.22	2.69	9.66	0.14	40.1	2.21						crat xeno	Thumb,□NM	Ehrenberg[1982]
SDO82	0.54	43.5	0.52	0.89	10.3	0.12	42.8	0.92						crat xeno	Thumb,□NM	Ehrenberg[1982]
S142	1.69	43.1	0.21	0.95	9.35	0.12	43.8	0.73						crat xeno	Thumb,□NM	Ehrenberg[1982]
S146	0.77	42.9	0.44	0.91	9.11	0.12	43.8	0.73						crat xeno	Thumb,□NM	Ehrenberg[1982]
SFO77	1.54	43.8	0.39	2.91	7.9	0.13	38.4	2.83						crat xeno	Thumb,□NM	Ehrenberg[1982]
S160	0.23	43.9	0.17	0.63	8.52	0.11	45.5	0.51						crat xeno	Thumb,□NM	Ehrenberg[1982]
S141	3.38	41.7	0.12	0.78	7.95	0.13	44.1	0.96						crat xeno	Thumb,□NM	Ehrenberg[1982]
SPO77	1	43.4	0.04	0.65	7.31	0.12	46.1	0.62						crat xeno	Thumb,□NM	Ehrenberg[1982]
112	0.31	43.2	0.15	1.14	12.4	0.13	41.4	1.28						crat xeno	Thumb,□NM	Ehrenberg[1982]
AO82	1.33	42.6	0.21	2.6	9.27	0.12	39	3.26						crat xeno	Thumb,□NM	Ehrenberg[1982]
110	1.54	43.8	0.17	3.52	8.14	0.13	38	2.96						crat xeno	Thumb,□NM	Ehrenberg[1982]
128	1.31	44.6	0.14	3.4	7.9	0.13	39.8	2.63						crat xeno	Thumb, NM	Ehrenberg[1982]
RO77	2.08	43.3	0.13	2.75	7.65	0.12	39.3	2.8						crat xeno	Thumb,□NM	Ehrenberg[1982]
125	1.38	41.8	0.09	0.25	8.65	0.12	45.7	0.41						crat xeno	Thumb,□NM	Ehrenberg[1982]
QO77	1.15	44	0.2	1.07	8.28	0.12	44.3	0.96						crat xeno	Thumb,□NM	Ehrenberg[1982]
HO77	1.54	42.8	0.09	0.89	7.77	0.11	45.2	0.82						crat xeno	Thumb,□NM	Ehrenberg[1982]
IO78	2.23	43.3	0.06	1.31	7.25	0.12	42.7	1.24						crat xeno	Thumb,□NM	Ehrenberg[1982]
126	1.23	42	0.03	0.54	7.76	0.12	47	0.52						crat xeno	Thumb,□NM	Ehrenberg[1982]
117	1.08	41.4	0.04	0.24	7.78	0.1	47.6	0.44						crat xeno	Thumb, NM	Ehrenberg[1982]
NO77	1.31	42.1	0.24	1.54	7.12	0.12	43.9	0.82						crat xeno	Thumb,□NM	Ehrenberg[1982]
156	1.15	43.3	0.03	0.97	7.35	0.12	45.8	0.6						crat xeno	Thumb,□NM	Ehrenberg[1982]
104	3.54	42.4	0.07	0.54	7.17	0.11	45.3	0.72						crat xeno	Thumb,□NM	Ehrenberg[1982]
120	0.92	43.4	0.05	0.53	7.37	0.11	47.2	0.5						crat xeno	Thumb, NM	Ehrenberg[1982]
105	1.38	43.9	0.04	1.21	6.88	0.11	44.9	1.18						crat xeno	Thumb,□NM	Ehrenberg[1982]
CL7		43.41	0.01	0.84	7.72	0.12	47.34	0.56	2462	117	5032	8.0	30	off crat xeno	Canary Islands	Siena[1991]
CL12		43.34	0.02	0.88	7.63	0.12	47.13	0.88	2472	118	3057	9.0	44	off crat xeno	Canary Islands	Siena[1991]
CL13		43.92	0.02	0.91	7.72	0.12	46.72	0.59	2392	116	3352	9.0	40	off crat xeno	Canary Islands	Siena[1991]
CL16		43.51	0.01	0.85	8.00	0.12	46.67	0.84	2417	115	2827	9.0	33	off crat xeno	Canary Islands	Siena[1991]
CL18		42.82	0.01	0.73	7.92	0.12	47.71	0.69	2524	119	2212	8.0	33	off crat xeno	Canary Islands	Siena[1991]
CL20		42.82	0.02	0.73	8.34	0.12	47.13	0.84	2496	122	2223	9.0	35	off crat xeno	Canary Islands	Siena[1991]
CL27		43.41	0.01	0.85	7.95	0.12	46.91	0.75	2428	117	3522	9.0	43	off crat xeno	Canary Islands	Siena[1991]
CL32		43.59	0.02	0.78	7.57	0.12	47.44	0.47	2495	118	3605	9.0	32	off crat xeno	Canary Islands	Siena[1991]
CL33		42.82	0.06	0.78	7.86	0.13	47.70	0.65	2544	117	2957	7.0	28	off crat xeno	Canary Islands	Siena[1991]
CL54		43.65	0.02	0.89	7.51	0.12	47.01	0.80	2407	115	3151	9.0	38	off crat xeno	Canary Islands	Siena[1991]
CL55		44.14	0.03	1.10	7.71	0.13	45.83	1.06	2275	110	3260	9.0	26	off crat xeno	Canary Islands	Siena[1991]
CL75		43.90	0.02	1.06	7.70	0.12	46.44	0.75	2366	115	3676	10.0	40	off crat xeno	Canary Islands	Siena[1991]
CL78		46.66	0.02	1.26	6.82	0.12	44.21	0.90	2071	100	3690	13.0	33	off crat xeno	Canary Islands	Siena[1991]
CL79		42.46	0.04	0.48	8.00	0.15	48.21	0.66	2567	119	1807	6.0	19	off crat xeno	Canary Islands	Siena[1991]

CL81A	41.95	0.01	0.32	7.97	0.12	49.31	0.32	2747	128	1125	6.0	15	off crat xeno	Canary Islands	Siena[1991]
CL84B	44.91	0.01	1.05	7.35	0.12	45.58	0.97	2247	109	3528	12.0	41	off crat xeno	Canary Islands	Siena[1991]
CL84C	43.41	0.02	0.63	7.87	0.13	47.54	0.39	2513	120	1609	7.0	20	off crat xeno	Canary Islands	Siena[1991]
CL85B	43.40	0.09	1.16	8.16	0.13	46.37	0.70	2420	118	2067	8.0	35	off crat xeno	Canary Islands	Siena[1991]
CL85C	44.34	0.03	0.94	7.66	0.12	45.87	1.04	2339	112	2827	11.0	46	off crat xeno	Canary Islands	Siena[1991]
CL89	44.62	0.09	1.04	7.59	0.12	45.76	0.78	2291	112	3475	10.0	36	off crat xeno	Canary Islands	Siena[1991]
L1N	42.95	0.00	0.48	7.74	0.12	48.23	0.47	2140	120	2600		26	off crat xeno	Canary Islands	Siena[1991]
L4N	43.18	0.01	0.60	7.66	0.12	47.91	0.52	2220	116	2550		29	off crat xeno	Canary Islands	Siena[1991]
CL30	41.95	0.02	0.57	7.98	0.12	48.93	0.43	2637	124	2083	6.0	14	off crat xeno	Canary Islands	Siena[1991]
CL84D	39.60	0.01	0.83	8.07	0.13	51.13	0.23	2837	121	13352	6.0	50	off crat xeno	Canary Islands	Siena[1991]
90sav1-1	43.00	0.01	0.48	8.04	0.10	46.23	0.71						off crat xeno	Samoa	Hauri[1993]
90sav1-28	45.07	0.02	1.34	7.89	0.10	44.08	0.98						off crat xeno		Hauri[1993]
tba4-11	40.17	0.17	0.50	12.19	0.27	43.72	1.72						off crat xeno		Hauri[1993]
ob-93-58	44.16	0.00	0.51	7.56	0.09	47.02	0.66	2582	141	2399	7.7	23	off crat xeno	Kerguelen	Gregoire[2000]
ob93279	44.98	0.00	0.92	7.64	0.12	45.61	0.72	2354	137	2626	11.0	48	off crat xeno	Kerguelen	Gregoire[2000]
ob93426	45.55	0.01	0.81	7.30	0.12	45.45	0.76	2385	137	3028	10.3	30	off crat xeno	Kerguelen	Gregoire[2000]
ob9322	45.25	0.01	1.07	8.28	0.10	44.59	0.71	2417	137	2530	8.9	30	off crat xeno	Kerguelen	Gregoire[2000]
gm92501	45.29	0.17	1.52	7.91	0.11	44.03	0.96	2379	142	2424	9.8	49	off crat xeno	Kerguelen	Gregoire[2000]
ob933	45.08	0.04	1.42	7.75	0.12	44.73	0.86	2399	135	3135	8.5	30	off crat xeno	Kerguelen	Gregoire[2000]
ob93-5	44.61	0.08	1.28	7.66	0.11	45.43	0.82	2474	126	1310	8.8	30	off crat xeno	Kerguelen	Gregoire[2000]
jgm91-1c	43.09	0.16	1.22	10.57	0.13	43.50	1.32	2331	145	2601	7.6	43	off crat xeno	Kerguelen	Gregoire[2000]
gm42480	40.39	0.04	0.82	12.19	0.15	46.05	0.36	2690	185	4405	5.1	29	off crat xeno	Kerguelen	Gregoire[2000]
bob-93	40.83	0.05	0.74	12.80	0.17	44.88	0.53	1955	195	3796	6.2	34	off crat xeno	Kerguelen	Gregoire[2000]
mm94-101	40.49	0.05	0.46	12.12	0.13	46.34	0.41	2549	198	2482	6.2	19	off crat xeno	Kerguelen	Gregoire[2000]
69sal97	44.50	0.29	3.04	11.10	0.15	37.30	3.30					81	off crat xeno	Kerguelen	Gregoire[2000]
69sal53	46.00	0.04	2.40	7.31	0.12	42.00	1.95					50	off crat xeno	Kerguelen	Gregoire[2000]
69sal118	44.80	0.14	2.23	9.22	0.12	41.30	1.92					57	off crat xeno	Kerguelen	Gregoire[2000]
313-1	44.54	0.17	4.41	7.99	0.00	38.84	3.03						off crat xeno	Baikal	Ionov[1993]
313-2	45.05	0.12	3.23	7.70	0.00	39.64	3.18						off crat xeno	Baikal	Ionov[1993]
313-3	44.53	0.17	4.06	8.00	0.00	38.90	3.37						off crat xeno	Baikal	Ionov[1993]
313-5	44.39	0.16	3.99	7.94	0.00	39.49	3.03						off crat xeno	Baikal	Ionov[1993]
313-6	44.30	0.15	3.91	8.37	0.00	39.26	3.06						off crat xeno	Baikal	Ionov[1993]
313-8	44.81	0.18	4.85	7.85	0.00	37.62	3.72	0.632	21.4	0.632	2.620		off crat xeno	Baikal	Ionov[1993]
313-54	44.65	0.16	4.10	7.91	0.00	38.74	3.42	0.380	15.2	0.380	1.390		off crat xeno	Baikal	Ionov[1993]
313-105	45.03	0.12	3.45	8.02	0.00	39.66	2.87	0.340	13.5	0.340	1.000		off crat xeno	Baikal	Ionov[1993]
313-113s	43.43	0.10	2.53	8.62	0.00	43.13	1.42						off crat xeno	Baikal	Ionov[1993]
313-113sg	43.38	0.15	3.04	8.47	0.00	41.09	2.92						off crat xeno	Baikal	Ionov[1993]
313-113g	42.59	0.12	5.31	8.77	0.00	40.80	1.70						off crat xeno	Baikal	Ionov[1993]
313-37	45.16	0.13	3.27	7.70	0.00	39.25	3.45						off crat xeno	Baikal	Ionov[1993]
313-110	44.54	0.11	4.01	7.89	0.00	39.53	3.07	0.544	14.8	0.544	1.740		off crat xeno	Baikal	Ionov[1993]
314-230	45.61	0.14	2.80	8.27	0.00	38.97	3.21						off crat xeno	Baikal	Ionov[1993]
314-580	43.87	0.17	3.17	8.81	0.00	40.33	2.67						off crat xeno	Baikal	Ionov[1993]
314-74	44.13	0.10	2.84	7.90	0.00	41.74	2.35	0.171	11.3	0.171	1.380		off crat xeno	Baikal	Ionov[1993]
314-56	44.53	0.18	4.26	8.38	0.00	37.74	3.88	0.450	16.1	0.450	1.600		off crat xeno	Baikal	Ionov[1993]
314-58	44.14	0.15	3.92	8.13	0.00	39.45	3.27	0.368	14.3	0.368	0.620		off crat xeno	Baikal	Ionov[1993]
314-59	44.28	0.12	3.39	7.82	0.00	39.79	3.53	0.331	16.1	0.331	1.700		off crat xeno	Baikal	Ionov[1993]
86-1	44.46	0.15	3.48	7.88	0.00	40.05	3.02						off crat xeno	Baikal	Ionov[1993]
314-5	43.22	0.08	1.44	10.08	0.00	44.03	0.50						off crat xeno	Baikal	Ionov[1993]
DB-13	45.09	0.07	1.80	8.37	0.13	41.35	2.24						off crat xeno	SE Mongolia	Ionov[2006]
DB-18	44.77	0.04	1.66	8.29	0.14	42.75	1.42						off crat xeno	SE Mongolia	Ionov[2006]
DB-21	45.88	0.06	2.17	8.22	0.14	40.08	2.54						off crat xeno	SE Mongolia	Ionov[2006]
DB-22	44.23	0.06	1.97	8.48	0.13	42.20	1.91						off crat xeno	SE Mongolia	Ionov[2006]
DB-23	44.27	0.09	2.22	8.18	0.14	42.23	1.83						off crat xeno	SE Mongolia	Ionov[2006]
DB-24	44.40	0.14	2.01	7.88	0.13	42.00	2.33						off crat xeno	SE Mongolia	Ionov[2006]

Mo101	0.11	45.03	0.19	4.48	7.70	0.13	37.48	4.17	1886			2737					off crat xeno	Tariat Dep.,Mongolia	Press[1986]
Mo102	0.15	44.29	0.07	2.62	7.53	0.13	42.43	2.39	2279			2805					off crat xeno	Tariat Dep.,Mongolia	Press[1986]
Mo103	0.18	44.21	0.05	2.34	7.57	0.13	43.28	1.80	2357			3353					off crat xeno	Tariat Dep.,Mongolia	Press[1986]
Mo104	0.16	44.56	0.11	3.03	7.81	0.13	41.63	2.25	2200			2121					off crat xeno	Tariat Dep.,Mongolia	Press[1986]
Mo105	0.13	45.97	0.21	5.29	7.33	0.13	35.94	4.36	1965			2942					off crat xeno	Tariat Dep.,Mongolia	Press[1986]
Mo-z/1		42.75	0.18	4.29	7.92	0.13	37.15	6.83	1965			2532					off crat xeno	Tariat Dep.,Mongolia	Press[1986]
MHP 79/1	0.09	44.57	0.15	4.23	8.07	0.13	39.15	2.97	1965			2737					off crat xeno	Tariat Dep.,Mongolia	Press[1986]
MHP 79/2	0.13	45.31	0.17	4.40	7.83	0.13	38.21	3.26	1886			2805					off crat xeno	Tariat Dep.,Mongolia	Press[1986]
MHP 79/3	0.09	43.96	0.10	3.24	7.88	0.13	41.86	2.28	2200			2395					off crat xeno	Tariat Dep.,Mongolia	Press[1986]
MHP 79/4	0.10	44.15	0.10	3.13	7.76	0.13	42.20	2.04	2200			2258					off crat xeno	Tariat Dep.,Mongolia	Press[1986]
Mo 4230/16	0.16	44.73	0.23	4.57	8.25	0.13	37.53	3.93	1807			2668					off crat xeno	Tariat Dep.,Mongolia	Press[1986]
Mo 22		44.24	0.13	3.56	8.27	0.14	40.20	2.78	2122			2326					off crat xeno	Tariat Dep.,Mongolia	Press[1986]
ET69		45.65	0.03	2.65	7.89	0.12	40.79	2.71	2090			3200	13.0	64			off crat xeno	East Rift, Ethiopia	Bedini[1997]
ET46		44.99	0.03	2.10	7.80	0.13	42.15	2.52	2190			3110	11.0	55			off crat xeno	East Rift, Ethiopia	Bedini[1997]
ET84		44.01	0.02	0.85	7.44	0.11	47.00	0.50	2470			2850	6.0	34			off crat xeno	East Rift, Ethiopia	Bedini[1997]
ET57		44.28	0.01	1.08	7.78	0.12	45.70	0.95	2380			2640	6.0	35			off crat xeno	East Rift, Ethiopia	Bedini[1997]
ET27		43.62	0.04	0.78	8.21	0.13	46.65	0.49	2500			2070	5.0	29			off crat xeno	East Rift, Ethiopia	Bedini[1997]
ET35		44.27	0.02	0.73	8.00	0.12	46.00	0.82	2470			3040	6.0	32			off crat xeno	East Rift, Ethiopia	Bedini[1997]
ET74		46.73	0.12	2.74	6.79	0.09	36.74	6.40	1810			5230	20.0	77			off crat xeno	East Rift, Ethiopia	Bedini[1997]
ET75		45.21	0.17	4.00	8.27	0.13	37.62	4.29	2130			2340	16.0	77			off crat xeno	East Rift, Ethiopia	Bedini[1997]
ET48		45.31	0.12	3.25	8.52	0.14	39.31	3.11	2000			2650	13.0	75			off crat xeno	East Rift, Ethiopia	Bedini[1997]
ET80		44.98	0.11	3.33	8.57	0.13	39.17	3.48	1990			2900	15.0	82			off crat xeno	East Rift, Ethiopia	Bedini[1997]
ET36		43.74	0.07	1.75	8.66	0.12	44.10	1.44	2280			2070	8.0	47			off crat xeno	East Rift, Ethiopia	Bedini[1997]
ET42		43.41	0.05	1.29	8.02	0.13	45.82	1.21	2500			2200	7.0	38			off crat xeno	East Rift, Ethiopia	Bedini[1997]
D 1		42.87	0.06	5.05	7.69	0.00	41.63	2.70	2400	114	0.320	3200	14.6	63	0.320	0.680	off crat xeno	various nodules	Jagoutz[1979]
BM 20	0.34	44.43	0.11	1.74	8.86	0.13	43.34	1.25	2383		0.290	2364	8.0	46	0.290	2.130	off crat xeno	E. Australia	Stoltz[1991]
GN 14	0.58	45.27	0.06	3.14	8.51	0.13	40.46	2.44	2050		0.340	2805	13.0	74	0.340	1.280	off crat xeno	E. Australia	Stoltz[1991]
GN 13	0.36	44.97	0.02	1.04	7.99	0.12	44.55	1.21	2365		0.260	2705	8.0	39	0.260	6.930	off crat xeno	E. Australia	Stoltz[1991]
GN 24	0.61	43.32	0.26	2.45	11.09	0.18	39.01	3.47	1954		0.360	2603	11.0	68	0.360	7.820	off crat xeno	E. Australia	Stoltz[1991]
GN 5	0.38	42.91	0.06	0.62	8.57	0.14	45.61	1.58	2469			2245	4.0	29			off crat xeno	E. Australia	Stoltz[1991]
BM 18	0.51	44.19	0.06	0.80	12.86	0.17	40.95	0.80	2035		0.040	2285	5.0	29	0.040	3.080	off crat xeno	E. Australia	Stoltz[1991]
GN 8	0.45	44.81	0.03	1.99	9.05	0.14	41.30	1.97	2020		0.160	3013	11.0	56	0.160	8.090	off crat xeno	E. Australia	Stoltz[1991]
GN 4	0.52	44.95	0.03	2.84	9.09	0.14	39.37	2.69	1987		0.320	3017	14.0	72	0.320	11.860	off crat xeno	E. Australia	Stoltz[1991]
GN 11	0.51	45.08	0.08	1.67	8.06	0.14	41.06	3.09	2072		0.610	5967	14.0	67	0.610	47.760	off crat xeno	E. Australia	Stoltz[1991]
GN 16	0.61	44.98	0.07	3.38	8.84	0.14	38.70	3.07	1859		0.340	2709	17.0	83	0.340	11.490	off crat xeno	E. Australia	Stoltz[1991]
GN 20	0.69	45.32	0.04	2.50	8.78	0.14	39.82	2.63	2407		0.330	2620	13.0	67	0.330	17.220	off crat xeno	E. Australia	Stoltz[1991]
GN 12	0.60	45.16	0.05	2.67	8.70	0.14	39.28	3.09	1991			2756	15.0	73			off crat xeno	E. Australia	Stoltz[1991]
GN 2	0.63	44.13	0.04	2.12	11.88	0.17	38.49	2.37	1964		0.260	3100	12.0	61	0.260	25.100	off crat xeno	E. Australia	Stoltz[1991]
GN 6	0.56	43.54	0.02	0.53	8.55	0.14	45.27	1.72	2424		0.210	1767	6.0	24	0.210	40.920	off crat xeno	E. Australia	Stoltz[1991]
GN3	0.60	43.65	0.16	2.91	9.08	0.14	38.90	4.19	2003		0.520	2964	15.0	70	0.520	54.160	off crat xeno	E. Australia	Stoltz[1991]
Bo-1022		44.39	0.02	1.32	7.62	0.12	45.87	0.64	2395			2451		24			off crat xeno	Hungary	Embey-Isztin[1989]
Szg-1001		44.43	0.15	3.98	8.08	0.15	39.84	3.09	1845			2731	3.0	91			off crat xeno	Hungary	Embey-Isztin[1989]
Szg-1087		52.02	0.05	3.83	6.39	0.12	32.54	4.86	1147			4974	12.0	91			off crat xeno	Hungary	Embey-Isztin[1989]
Szt-1002		45.58	0.08	3.53	7.82	0.14	39.31	3.34	1880			2824	5.0	70			off crat xeno	Hungary	Embey-Isztin[1989]
Szt-1006		44.08	0.16	2.96	8.61	0.13	41.23	2.57	2016			3025	3.0	68			off crat xeno	Hungary	Embey-Isztin[1989]
Szg-1009		44.74	0.10	3.50	8.06	0.13	40.60	2.69	1986			3125	4.0	58			off crat xeno	Hungary	Embey-Isztin[1989]
Szt 1016		45.06	0.02	0.95	7.72	0.12	45.47	0.65	2304			2555		31			off crat xeno	Hungary	Embey-Isztin[1989]
Szt 1033		45.66	0.08	2.12	8.59	0.14	41.50	1.85	2041			2838	4.0	48			off crat xeno	Hungary	Embey-Isztin[1989]
Szt 1034		44.46	0.04	1.31	8.11	0.13	44.68	1.15	2305			2498	3.0	43			off crat xeno	Hungary	Embey-Isztin[1989]
Szt 1106		44.15	0.16	3.65	8.28	0.14	38.72	4.59	1786			2575	7.0	48			off crat xeno	Hungary	Embey-Isztin[1989]
Szt 1108		45.09	0.14	3.51	8.22	0.13	39.68	3.00	1940			2799	6.0	47			off crat xeno	Hungary	Embey-Isztin[1989]
Szt 1116		44.12	0.04	1.26	8.43	0.13	44.84	1.06	2301			3775	2.0	43			off crat xeno	Hungary	Embey-Isztin[1989]
Szt-1120		45.71	0.12	3.94	8.17	0.14	38.82	2.97	1821			3145	5.0	69			off crat xeno	Hungary	Embey-Isztin[1989]
G-1055		44.12	0.14	3.19	8.70	0.13	40.31	3.17	1963			2234	12.0	67			off crat xeno	Hungary	Embey-Isztin[1989]

G-1067	45.73	0.04	2.05	8.28	0.12	41.79	1.96	2016	3148	11.0	66	off crat xeno	Hungary	Embey-Isztin[1989]
G-1071	44.60	0.11	3.05	8.59	0.12	40.24	3.15	1531	2103	5.0	52	off crat xeno	Hungary	Embey-Isztin[1989]
BG01	43.62	0.03	0.92	7.92	0.12	45.87	1.49	2846	2606	8.0	32	off crat xeno	Romania	Vaselli [1995]
BG02	44.59	0.12	3.06	8.68	0.13	39.88	3.24	2207	3433	15.0	69	off crat xeno	Romania	Vaselli [1995]
BG04	44.34	0.10	2.04	8.26	0.12	42.89	1.74	2358	2566	11.0	52	off crat xeno	Romania	Vaselli [1995]
BG07	45.33	0.15	3.65	8.40	0.12	39.10	3.03	2106	2777	15.0	77	off crat xeno	Romania	Vaselli [1995]
BG09	45.15	0.12	3.06	8.18	0.13	40.39	2.63	2272	3086	14.0	72	off crat xeno	Romania	Vaselli [1995]
BG10	44.33	0.10	2.84	7.95	0.12	41.92	2.54	2426	3278	11.0	65	off crat xeno	Romania	Vaselli [1995]
BG15	45.11	0.12	3.23	7.86	0.12	40.61	2.84	2287	2653	12.0	62	off crat xeno	Romania	Vaselli [1995]
BG16	44.14	0.08	2.30	7.91	0.12	43.51	1.83	2343	2266	13.0	48	off crat xeno	Romania	Vaselli [1995]
BG18	44.39	0.12	2.78	8.27	0.13	41.06	2.72	2123	2635	12.0	62	off crat xeno	Romania	Vaselli [1995]
BGt.3	45.19	0.15	3.82	7.69	0.13	39.61	3.21	1945	2671	15.0	75	off crat xeno	Romania	Vaselli [1995]
Bgt.6	45.39	0.18	4.29	7.99	0.13	37.72	4.06	1981	3521	18.0	92	off crat xeno	Romania	Vaselli [1995]
Bgt.7	44.99	0.15	3.73	8.26	0.13	39.42	3.16	2053	2687	15.0	77	off crat xeno	Romania	Vaselli [1995]
Bgt.13	45.13	0.17	3.90	8.20	0.13	38.99	3.25	2001	2557	14.0	78	off crat xeno	Romania	Vaselli [1995]
Bgt.17	46.95	0.21	4.24	8.39	0.13	36.45	3.45	1789	2538	18.0	96	off crat xeno	Romania	Vaselli [1995]
Bgt.18	44.54	0.09	2.51	8.99	0.13	41.58	2.07	2296	2714	10.0	57	off crat xeno	Romania	Vaselli [1995]
Bgt.19	44.33	0.09	2.67	8.20	0.13	42.16	2.30	2329	2671	11.0	57	off crat xeno	Romania	Vaselli [1995]
Bgt.21	44.70	0.08	2.43	8.14	0.12	42.27	2.15	2313	2390	12.0	57	off crat xeno	Romania	Vaselli [1995]
Bgt.22	44.36	0.08	2.52	8.32	0.12	42.32	2.14	2315	1988	10.0	49	off crat xeno	Romania	Vaselli [1995]
BC-01	44.21	0.10	2.98	10.97	0.19	38.49	2.82	1757	2525	12.0	66	off crat xeno	Romania	Vaselli [1995]
BC-02	44.33	0.12	3.42	8.28	0.15	40.46	2.93	2006	2675	15.0	70	off crat xeno	Romania	Vaselli [1995]
BC-09	44.39	0.05	2.00	8.21	0.13	43.13	2.04	2270	3022	12.0	61	off crat xeno	Romania	Vaselli [1995]
LGR.9	44.31	0.10	3.22	8.08	0.13	41.13	2.76	1997	2734	15.0	72	off crat xeno	Romania	Vaselli [1995]
M33	46.28	0.31	5.43	7.80	0.13	34.16	5.40	1550	2715	21.2	87	off crat xeno	SE China	Qi [1995]
M38	46.19	0.18	3.98	8.46	0.12	37.44	3.44	1787	3089	18.4	57	off crat xeno	SE China	Qi [1995]
M31	45.37	0.19	3.61	8.46	0.14	38.64	3.29	1959	2981	14.4	60	off crat xeno	SE China	Qi [1995]
M6	45.21	0.14	3.72	8.43	0.13	39.11	2.98	1897	2970	13.3	56	off crat xeno	SE China	Qi [1995]
M44	44.47	0.09	2.44	8.26	0.12	42.55	1.91	2187	3109	11.6	37	off crat xeno	SE China	Qi [1995]
M24	45.20	0.03	1.65	7.98	0.12	43.15	1.79	2225	2741	10.7	29	off crat xeno	SE China	Qi [1995]
NS28	45.47	0.07	2.24	8.33	0.13	41.56	1.92	2141	2273	12.0	36	off crat xeno	SE China	Qi [1995]
M40	42.95	0.06	0.88	7.97	0.12	47.38	0.58	2599	3316	6.2	26	off crat xeno	SE China	Qi [1995]
M25	45.66	0.03	0.90	8.12	0.11	44.24	0.83	2275	3138	7.8	25	off crat xeno	SE China	Qi [1995]
NS25	42.37	0.21	1.34	12.41	0.20	39.25	3.80	1964	1916	8.1	71	off crat xeno	SE China	Qi et al. J Pet 1995
Ba-4-42	45.11	0.14	4.36	7.96	0.13	38.28	3.60	1899		17.4	78	off crat xeno	SW USA	Lee[2000]
Ba-5-8	44.51	0.04	2.53	8.14	0.13	42.43	2.08	2279		13.0	47	off crat xeno	SW USA	Lee[2000]
Ba-5-17	44.71	0.13	3.51	8.45	0.14	39.68	3.04	1999		15.5	57	off crat xeno	SW USA	Lee[2000]
DH-1	43.89	0.02	1.23	8.08	0.12	45.78	0.73	2376		8.4	27	off crat xeno	SW USA	Lee[2000]
DH-3	45.34	0.11	2.66	7.68	0.13	40.74	3.01	2163		16.2	58	off crat xeno	SW USA	Lee[2000]
DH-5	44.42	0.07	1.92	7.78	0.12	43.33	2.03	2323		12.8	47	off crat xeno	SW USA	Lee[2000]
DH-6	44.20	0.08	1.24	7.77	0.12	45.00	1.47	2479		10.6	33	off crat xeno	SW USA	Lee[2000]
DH-10	44.46	0.15	3.89	8.28	0.13	40.09	2.56	2108		14.3	59	off crat xeno	SW USA	Lee[2000]
DH-11	44.40	0.08	3.02	8.33	0.13	41.86	1.96	2002		12.5	47	off crat xeno	SW USA	Lee[2000]
DH-14	43.01	0.11	2.49	9.16	0.14	42.44	2.39	2244		12.4	46	off crat xeno	SW USA	Lee[2000]
KiL-1	44.47	0.11	3.20	8.32	0.13	40.83	2.59	2008		13.1	55	off crat xeno	SW USA	Lee[2000]
KiL-2	44.94	0.11	3.37	8.27	0.13	40.13	2.75	1939		14.0	54	off crat xeno	SW USA	Lee[2000]
KiL-41	44.00	0.08	2.13	9.08	0.14	43.10	1.30	2119		10.2	38	off crat xeno	SW USA	Lee[2000]
KiL-70	44.82	0.12	3.75	8.26	0.13	39.35	3.13	1899		15.4	62	off crat xeno	SW USA	Lee[2000]
KiL-71	45.21	0.11	3.22	7.99	0.13	40.37	2.60	1983		13.7	54	off crat xeno	SW USA	Lee[2000]
LC-1	42.72	0.05	0.92	9.15	0.14	46.05	0.75	2488		7.7	23	off crat xeno	SW USA	Lee[2000]
LC-25	44.50	0.05	1.31	7.95	0.13	44.61	1.27	2335		11.2	36	off crat xeno	SW USA	Lee[2000]
LC-47	44.55	0.12	3.53	8.09	0.13	40.79	2.48	1949		14.3	58	off crat xeno	SW USA	Lee[2000]

LC-52	42.56	0.03	0.79	8.53	0.12	47.21	0.68	2567			8.1	23	off crat xeno	SW USA	Lee[2000]
LC-62	41.04	0.10	1.03	11.33	0.16	44.19	1.88	1851			9.5	33	off crat xeno	SW USA	Lee[2000]
LC-69	43.25	0.11	1.78	8.53	0.13	44.34	1.44	2300			9.6	38	off crat xeno	SW USA	Lee[2000]
VT-6	43.49	0.03	1.15	8.15	0.13	46.29	0.59	2321			6.1	18	off crat xeno	SW USA	Lee[2000]
VT-18	46.21	0.03	2.19	7.89	0.13	41.77	1.63	1943			11.3	39	off crat xeno	SW USA	Lee[2000]
VT-26	43.15	0.01	1.06	7.32	0.11	48.11	0.20	2518			5.4	13	off crat xeno	SW USA	Lee[2000]
VT-29	45.54	0.02	1.41	7.03	0.11	44.92	0.78	2152			8.5	28	off crat xeno	SW USA	Lee[2000]
VT-30	42.97	0.03	0.67	7.71	0.12	47.24	1.19	2454			6.6	14	off crat xeno	SW USA	Lee[2000]
Ka168	43.77	0.12	4.49	8.19	0.13	39.89	3.05	2250	3660		14.7	75	off crat xeno	west USA	Jagoutz[1979]
Ka169	43.86	0.06	2.58	7.85	0.13	42.51	2.76	2400	3200		14.6	63	off crat xeno	west USA	Jagoutz[1979]
Ka170	46.16	0.15	4.08	7.56	0.13	37.82	3.64	2000	3929		22.0	84	off crat xeno	west USA	Jagoutz[1979]
Ka171	46.22	0.22	4.15	7.63	0.13	37.30	3.85	1890	3010		16.9	81	off crat xeno	west USA	Jagoutz[1979]
Ka172	46.25	0.13	3.53	7.64	0.13	38.54	3.39	2120	2460		17.0	77	off crat xeno	west USA	Jagoutz[1979]
Ka173	45.79	0.17	3.65	8.11	0.13	38.18	3.56	1990	2590		17.0	79	off crat xeno	west USA	Jagoutz[1979]
Ka174	45.13	0.06	2.70	8.84	0.14	40.74	2.21	2146	3400		13.4	58	off crat xeno	China	Song et al
Ka175	43.70	0.06	2.28	9.46	0.14	42.36	1.84	2457	3259		10.3	48	off crat xeno	China	Song et al
Ka176	45.69	0.09	2.73	8.36	0.13	40.28	2.54	2223	2647		12.2	59	off crat xeno	China	Song et al
Ka177	45.28	0.07	1.93	8.36	0.13	42.55	1.56	2284	2572		9.7	43	off crat xeno	China	Song et al
Ka178	45.73	0.05	1.71	8.30	0.13	42.01	1.94	2333	3055		11.0	44	off crat xeno	China	Song et al
Ka179	44.38	0.02	1.28	8.54	0.13	44.33	1.24	2452	2377		9.2	32	off crat xeno	China	Song et al
Ka180	45.44	0.11	3.17	9.09	0.17	39.06	2.55	2250	2740			64	off crat xeno	Australia	Griffin[1987]
Ka181	45.07	0.10	3.37	8.91	0.15	38.71	3.29	2200	2660			75	off crat xeno	Australia	Griffin[1987]
Ka182	44.83	0.14	3.68	8.61	0.17	38.78	3.36	1801	3746		18.0	78	off crat xeno	Italy	Morten [1987]
Ka183	42.98	0.24	3.85	8.84	0.17	39.71	3.78	1774	3249		19.0	81	off crat xeno	Italy	Morten [1987]
Ka184	42.89	0.12	3.13	9.38	0.18	40.39	3.58	1934	1790		17.0	64	off crat xeno	Italy	Morten [1987]
Ka185	43.46	0.30	4.27	11.43	0.26	38.75	1.10	1705	3049		7.0	56	off crat xeno	Italy	Morten [1987]
Ka186	43.81	0.18	2.84	9.64	0.18	39.62	3.44	1710	2661		21.0	69	off crat xeno	Italy	Morten [1987]
Ka187	44.35	0.28	2.88	10.14	0.19	39.80	2.15	1730	3336		12.0	66	off crat xeno	Italy	Morten [1987]
Ka188	39.89	0.25	1.77	13.28	0.23	43.29	0.82	1490	2288		4.0	35	off crat xeno	Italy	Morten [1987]
Ka189	42.88	0.16	2.60	9.64	0.19	41.96	2.01	2098	4153		12.0	48	off crat xeno	Italy	Morten [1987]
Ka190	44.81	0.17	3.92	8.98	0.17	37.79	3.56	1735	4149		17.0	90	off crat xeno	Italy	Morten [1987]
Ka191	43.19	0.12	3.26	8.66	0.17	42.27	1.48	2114	3642		12.0	56	off crat xeno	Italy	Morten [1987]
Ka192	42.16	0.36	3.29	10.63	0.20	39.11	3.71	1609	1514		16.0	66	off crat xeno	Italy	Morten [1987]
Ka193	41.25	0.27	1.80	12.57	0.22	41.89	1.72	1943	2057		12.0	52	off crat xeno	Italy	Morten [1987]
Ka194	45.27	0.13	3.67	7.59	0.15	39.65	3.23	1937	2888		12.0	74	off crat xeno	Italy	Morten [1987]
Ka195	43.43	0.19	5.79	7.76	0.16	38.75	3.59	1901	2652		17.0	77	off crat xeno	Italy	Morten [1987]
Ka196	43.45	0.38	2.23	11.48	0.17	38.04	3.94	1900	2290		13.6	92	off crat xeno	N Africa	Dautria[1987]
Ka197	46.33	0.09	2.52	8.11	0.14	39.76	2.78	2030	2700		13.9	75	off crat xeno	N Africa	Dautria[1987]
Ka198	45.95	0.14	2.44	8.61	0.14	39.77	2.71	2105	2500		13.5	83	off crat xeno	N Africa	Dautria[1987]
Ka199	46.90	0.15	3.14	7.99	0.13	38.26	3.07	2040	2690		14.8	78	off crat xeno	N Africa	Dautria[1987]
Ka200	45.81	0.05	2.00	8.20	0.14	41.21	2.43	2000	2300		13.2	65	off crat xeno	N Africa	Dautria[1987]
Ka201	42.79	0.05	1.57	8.32	0.14	45.42	1.56	2315	2240		9.4	51	off crat xeno	N Africa	Dautria[1987]
Ka202	45.09	0.15	2.02	8.74	0.16	42.04	1.48	2045	2200		8.0	45	off crat xeno	N Africa	Dautria[1987]
Ka203	44.64	0.09	1.22	7.43	0.12	45.36	0.99	2345	2635		6.4	42	off crat xeno	N Africa	Dautria[1987]
Ka204	44.50	0.15	3.66	8.30	0.14	40.02	2.83	1940	2475		15.1	84	off crat xeno	N Africa	Dautria[1987]
Ka205	45.07	0.06	1.20	7.13	0.11	45.47	0.79	2360	3200			41	off crat xeno	N Africa	Dautria[1987]
Ka206	45.74	0.16	3.06	8.20	0.13	38.97	3.33	1395	2350			80	off crat xeno	N Africa	Dautria[1987]
Ka207	45.14	0.11	2.14	7.75	0.12	41.72	2.80	2170	2900			67	off crat xeno	N Africa	Dautria[1987]
Ka208	44.49	0.08	1.12	8.24	0.13	44.62	1.20	2450	2620			37	off crat xeno	N Africa	Dautria[1987]
Ka209	44.41	0.23	2.34	9.20	0.15	41.51	1.84	2130	2050		12.7	66	off crat xeno	N Africa	Dupuy[1986]
Ka210	46.24	0.07	2.54	7.60	0.13	40.46	2.65	2050	2780		13.1	70	off crat xeno	N Africa	Dupuy[1986]
Ka211	44.52	0.10	3.33	8.81	0.14	39.87	2.86	2050	2545			76	off crat xeno	N Africa	Dupuy[1986]
Ka212	44.67	0.11	3.46	8.55	0.13	39.87	2.98	2080	2740		13.9	81	off crat xeno	N Africa	Dupuy[1986]

Ka213	46.41	0.17	3.84	10.20	0.16	35.62	3.29	1560			2880	15.7	91			off crat xeno	N Africa	Dupuy[1986]
Ka214	46.13	0.11	3.93	8.57	0.14	38.40	2.53	1825			3010	13.9	85			off crat xeno	N Africa	Dupuy[1986]
Ka215	47.79	0.14	4.55	8.37	0.15	34.92	3.79	1540			3200	18.5	102			off crat xeno	N Africa	Dupuy[1986]
Ka216	46.73	0.07	2.03	7.65	0.13	40.97	2.24	2110			2420	12.2	65			off crat xeno	N Africa	Dupuy[1986]
Ka217	45.80	0.06	2.23	8.19	0.14	41.09	2.32	2070			2510	13.1	70			off crat xeno	N Africa	Dupuy[1986]
Ka218	45.89	0.07	2.25	8.17	0.14	40.89	2.43	2100			2562	13.0	71			off crat xeno	N Africa	Dupuy[1986]
Ka219	44.75	0.07	2.13	7.75	0.12	42.69	2.38	2246			2098	6.0	36			off crat xeno	Brit Isles	Hunter[1987]
Ka220	45.60	0.21	2.55	7.80	0.12	39.28	3.72	1892			1995		70			off crat xeno	Brit Isles	Hunter[1987]
Ka221	44.82	0.20	2.49	8.10	0.06	41.36	2.72	2055			2782		61			off crat xeno	Brit Isles	Hunter[1987]
Ka222	44.53	0.07	2.12	7.95	0.14	41.97	2.52	2140			3082	11.0	57			off crat xeno	Brit Isles	Hunter[1987]
Ka223	41.61	0.43	2.51	9.14	0.15	41.53	3.40	2114			2999		89			off crat xeno		Menzies [1987]
Ka224	44.30	0.02	1.10	7.84	0.14	45.10	1.04	2275			2719		33			off crat xeno		Menzies [1987]
Ka225	41.30	0.01	0.30	8.28	0.12	49.67	0.25	2820			1240	3.7	15			off crat xeno	Sardinia	Dupuy[1987]
Ka226	45.22	0.01	0.67	7.50	0.12	45.97	0.45	2440			3400	6.8	32			off crat xeno	Sardinia	Dupuy[1987]
Ka227	43.66	0.05	1.01	7.78	0.12	45.67	1.50	2400			1940	6.9	39			off crat xeno	Sardinia	Dupuy[1987]
Ka228	42.98	0.03	1.08	8.54	0.13	46.63	0.51	2500			1210	5.9	32			off crat xeno	Sardinia	Dupuy[1987]
Ka229	44.49	0.04	1.13	7.67	0.13	45.53	0.87	2320			3350	9.1	52			off crat xeno	Sardinia	Dupuy[1987]
Ka230	41.92	0.07	1.31	8.44	0.14	44.58	3.24	2100			2600	11.1	62			off crat xeno	Sardinia	Dupuy[1987]
Ka231	44.45	0.02	1.33	8.33	0.15	44.62	0.95	2330			2355	8.4	36			off crat xeno	Sardinia	Dupuy[1987]
Ka232	43.96	0.01	1.56	7.80	0.12	45.29	1.18	2340			3410	9.3	58			off crat xeno	Sardinia	Dupuy[1987]
Ka233	45.81	0.02	1.99	7.92	0.13	41.68	2.24	2100			2500	11.5	54			off crat xeno	Sardinia	Dupuy[1987]
Ka234	46.30	0.04	2.05	8.05	0.14	41.78	1.44	2140			2130	9.3	51			off crat xeno	Sardinia	Dupuy[1987]
Ka235	45.63	0.05	2.52	7.94	0.13	41.36	2.12	2085			2190	11.2	64			off crat xeno	Sardinia	Dupuy[1987]
Ka236	46.71	0.11	2.84	8.04	0.14	39.38	2.58	1870			2665	13.8	82			off crat xeno	Sardinia	Dupuy[1987]
FG 2604	43.27	0.02	1.08	7.13	0.13	47.67	0.58	2750			1900	6.5	18			off crat xeno	SE Australia	Frey[1974]
FG 2669	44.39	0.00	0.86	7.47	0.13	46.22	0.76	2530			3200	6.8	23			off crat xeno	SE Australia	Frey[1974]
FG 2640	43.77	0.03	1.02	10.04	0.15	43.87	0.97	2370			2790	7.6	32			off crat xeno	SE Australia	Frey[1974]
FG 2728	44.42	0.01	2.13	7.39	0.13	43.43	2.31	2300			3270	11.5	53			off crat xeno	SE Australia	Frey[1974]
FG 2700	44.18	0.00	1.45	8.30	0.11	42.74	2.87	2115			3650	15.5	56			off crat xeno	SE Australia	Frey[1974]
FG 2642	45.52	0.06	3.00	7.71	0.13	40.86	2.52	2100			3950	14.2	97			off crat xeno	SE Australia	Frey[1974]
VIC 2730	45.89	0.03	1.43	8.02	0.11	43.50	0.87	2423			2900		32			off crat xeno	SE Australia	McDonough (unpub.)
VIC 2736	46.55	0.03	1.44	7.85	0.12	43.08	0.88	2362			2812		35			off crat xeno	SE Australia	McDonough (unpub.)
VIC 2769	44.99	0.07	2.02	8.77	0.13	41.93	1.85	2476			2886		40			off crat xeno	SE Australia	McDonough (unpub.)
VIC 84-402	45.07	0.04	1.32	8.69	0.13	43.80	0.86	2398			5612		36			off crat xeno	SE Australia	McDonough (unpub.)
VIC 84-413	45.06	0.84	2.91	10.79	0.16	35.58	2.62	2107			2624		69			off crat xeno	SE Australia	McDonough (unpub.)
VIC 84-438	43.23	0.35	2.56	9.38	0.15	39.12	3.74	2089			2262		75			off crat xeno	SE Australia	McDonough (unpub.)
VIC 85-168	44.41	0.12	1.48	10.51	0.15	41.92	1.13	2402			3186		32			off crat xeno	SE Australia	McDonough (unpub.)
70965	44.28	0.08	0.99	8.28	0.15	41.29	4.33	2135			3021	11.2	44			off crat xeno	SE Australia	Yaxley[1992]
70969	42.11	0.04	0.49	9.53	0.16	44.87	2.27	2599			1760	5.0	17			off crat xeno	SE Australia	Yaxley[1992]
70972	43.28	0.02	0.69	7.47	0.13	44.31	3.60	2324			4555	7.3	30			off crat xeno	SE Australia	Yaxley[1992]
70987	43.61	0.15	1.02	9.19	0.15	43.43	2.03	2251			1853	7.1	34			off crat xeno	SE Australia	Yaxley[1992]
70997	42.68	0.10	0.92	9.89	0.16	42.07	3.82	2206			2406		41			off crat xeno	SE Australia	Yaxley[1992]
71000	42.94	0.06	1.22	8.68	0.15	42.25	3.79	2144			2611	8.3	38			off crat xeno	SE Australia	Yaxley[1992]
71001	41.56	0.10	0.93	10.06	0.18	42.92	2.74	2411			2789	6.0	25			off crat xeno	SE Australia	Yaxley[1992]
71004	42.40	0.20	1.46	8.72	0.14	43.20	3.40	2204			2416	7.7	38			off crat xeno	SE Australia	Yaxley[1992]
71007	43.80	0.06	1.12	8.89	0.14	43.10	2.39	2453			2474		34			off crat xeno	SE Australia	Yaxley[1992]
7108	42.11	0.05	1.09	10.78	0.16	41.71	3.17	2275			2549	7.2	35			off crat xeno	SE Australia	Yaxley[1992]
2631	43.29	0.07	0.94	8.34	0.15	43.65	2.75	2256			2586	8.8	35			off crat xeno	SE Australia	Yaxley[1992]
KLX-67	39.89	0.019	0.3	10.10	0.139	47.79	0.12	3222	163		2614					off crat xeno	British Columbia	Peslier[2002]
KLX-59	39.92	0.017	0.24	9.63	0.136	48.37	0.11	2986	146	0.022	2798		12	0.022	0.312	off crat xeno	British Columbia	Peslier[2002]
KLX-58	39.66	0.03	0.37	10.09	0.13	47.59	0.26	2986	159		3968					off crat xeno	British Columbia	Peslier[2002]
KLX-66	40.09	0.02	0.41	8.35	0.13	48.62	0.31	3929	146		6158					off crat xeno	British Columbia	Peslier[2002]
RRX-19	43.34	0.01	1.02	8.42	0.13	45	0.75	2672	123	0.031	3010	8.5	31	0.031	0.026	off crat xeno	British Columbia	Peslier[2002]
RRX-21	42.66	0.02	0.94	8.67	0.13	45.43	0.64	2515	132	0.048	2326		26	0.048	0.016	off crat xeno	British Columbia	Peslier[2002]

KLX-47		43.73	0.015	1.26	7.95	0.13	44.37	0.94	2593	120	0.047	2727	30	30	0.047	0.889	off crat xeno	British Columbia	Peslier[2002]
KLX-62		41.51	0.041	0.86	8.36	0.126	45.92	1.09	3536	139		5398					off crat xeno	British Columbia	Peslier[2002]
KLX-57		40.63	0.076	1.17	9.40	0.142	45.68	0.64	3615	143	0.204	5487		14	0.204	3.361	off crat xeno	British Columbia	Peslier[2002]
KLX-69A		41.7	0.02	0.64	9.25	0.14	46.39	0.38	2672	133		2600					off crat xeno	British Columbia	Peslier[2002]
LLX-1		42.79	0.03	1.3	8.23	0.13	44.74	0.77	2672	127	0.075	4584		43	0.075	1.252	off crat xeno	British Columbia	Peslier[2002]
KLX-37		43.56	0.107	2.77	9.48	0.143	39.39	2.92	2200	119		2915	22				off crat xeno	British Columbia	Peslier[2002]
KLX-42		43.67	0.02	1.58	8.25	0.131	43.63	1.28	2593	131		2689					off crat xeno	British Columbia	Peslier[2002]
KLX-43		43.95	0.127	3.13	8.62	0.139	39.35	3.01	2122	113		2737	13				off crat xeno	British Columbia	Peslier[2002]
KLX-44		44.58	0.018	1.78	8.06	0.133	42.37	1.94	2279	111		3000	15				off crat xeno	British Columbia	Peslier[2002]
KLX-45		44.29	0.02	2.26	7.69	0.13	41.72	1.97	2436	119	0.134	2688	31	34	0.134	0.311	off crat xeno	British Columbia	Peslier[2002]
KLX-46		43.82	0.03	2.24	8.20	0.14	42.63	1.6	2357	117		2511	53				off crat xeno	British Columbia	Peslier[2002]
KLX-48		44.13	0.04	1.92	8.09	0.13	42.84	1.65	2515	130		3032	36				off crat xeno	British Columbia	Peslier[2002]
KLX-49A		44.33	0.119	3.29	8.57	0.138	38.81	3.08	2279	114		2994	11				off crat xeno	British Columbia	Peslier[2002]
KLX-52		43.56	0.032	1.64	8.62	0.134	43.08	1.71	2515	115		2629	17				off crat xeno	British Columbia	Peslier[2002]
KLX-61		43.95	0.009	1.75	7.97	0.128	43	1.67	2515	118		2697					off crat xeno	British Columbia	Peslier[2002]
KLX-64		44.23	0.018	2.06	7.88	0.13	41.76	2.41	2436	123		2924	13				off crat xeno	British Columbia	Peslier[2002]
KLX-69B		44.42	0.031	0.99	8.39	0.134	43.15	1.36	1965	118		3256					off crat xeno	British Columbia	Peslier[2002]
KLX-70		43.4	0.146	1.85	8.67	0.139	41.65	2.28	2436	117		2880					off crat xeno	British Columbia	Peslier[2002]
BTX-9		44.5	0.08	3.68	8.09	0.13	38.73	3.29	2200	111		3010	15				off crat xeno	British Columbia	Peslier[2002]
BTX-11		43.8	0.05	1.92	8.04	0.13	42.75	1.66	2593	123		3010	13				off crat xeno	British Columbia	Peslier[2002]
BTX-12		44.14	0.09	2.91	8.31	0.13	40.82	1.92	2357	109		2737	11				off crat xeno	British Columbia	Peslier[2002]
BTX-13		43.69	0.12	3.13	8.85	0.14	39.75	3.01	2279	115		2121	15				off crat xeno	British Columbia	Peslier[2002]
BTX-14		44.34	0.03	1.84	8.11	0.13	42.42	1.65	2436	115		2668	10				off crat xeno	British Columbia	Peslier[2002]
BTX-15		44.05	0.08	2.81	8.67	0.14	40.16	2.57	2357	112		1984					off crat xeno	British Columbia	Peslier[2002]
BTX-16		44.32	0.07	3.05	8.15	0.13	40.46	2.43	2279	104	0.263	2805	17	65	0.263	0.084	off crat xeno	British Columbia	Peslier[2002]
BTX-17		44.59	0.11	3.55	8.17	0.13	38.43	3.25	2122	112		2942	14				off crat xeno	British Columbia	Peslier[2002]
BTX-18		44.08	0.1	3.71	8.14	0.13	39.35	2.58	2279	117		3695	11				off crat xeno	British Columbia	Peslier[2002]
BTX-19		44.14	0.09	2.93	8.22	0.13	40.05	2.91	2279	114		2600	14				off crat xeno	British Columbia	Peslier[2002]
BTX-21		44.99	0.15	5.65	7.14	0.12	35.05	4.65	1886	104		6158	17				off crat xeno	British Columbia	Peslier[2002]
BTX-22		45.53	0.11	4.63	7.87	0.13	36.23	4.14	1965	100		2737					off crat xeno	British Columbia	Peslier[2002]
BTX-23		43.72	0.04	2.14	8.19	0.14	41.88	2.24	2436	119	0.138	3353		53	0.138	0.465	off crat xeno	British Columbia	Peslier[2002]
BTX-24		43.35	0.07	2.39	8.69	0.13	42.62	1.71	2436	127		2395	12				off crat xeno	British Columbia	Peslier[2002]
BTX-25		43.94	0.08	2.56	8.75	0.13	41.71	1.7	2436	114		2532					off crat xeno	British Columbia	Peslier[2002]
BTX-26		44.96	0.12	4.56	7.66	0.13	36.67	3.64	2043	102	0.433	3421	86	89	0.433	0.309	off crat xeno	British Columbia	Peslier[2002]
BTX-27		44.48	0.13	4.11	8.23	0.14	38.18	3.2	2122	104		3558	78				off crat xeno	British Columbia	Peslier[2002]
BTX-28		43.79	0.1	2.87	8.59	0.14	39.24	3.94	2279	110		1437	15				off crat xeno	British Columbia	Peslier[2002]
BTX-29		44.07	0.08	3.01	8.27	0.13	40.16	2.7	2357	116		2668					off crat xeno	British Columbia	Peslier[2002]
BTX-30		43.63	0.17	3.99	8.36	0.14	38.85	2.96	2279	115		2737	18				off crat xeno	British Columbia	Peslier[2002]
BTX-31		44.47	0.08	3.08	8.17	0.13	40.23	2.89	2279	106		2532	15				off crat xeno	British Columbia	Peslier[2002]
BTX-32		44.17	0.05	2.25	8.42	0.14	41.58	1.71	2279	113		3558	17				off crat xeno	British Columbia	Peslier[2002]
BTX-33		43.52	0.1	2.93	8.45	0.14	41.04	2.07	2357	112		3353	11				off crat xeno	British Columbia	Peslier[2002]
BTX-34		44.34	0.1	3.2	8.16	0.13	38.94	3.33	2200	115	0.349	2532	15	81	0.349	0.309	off crat xeno	British Columbia	Peslier[2002]
BTX-35		44.4	0.07	3.1	8.19	0.13	39.85	2.6	2279	122		2600	16				off crat xeno	British Columbia	Peslier[2002]
BTX-36		42.64	0.06	2.28	8.93	0.14	42.6	1.76	2515	116		1916	14				off crat xeno	British Columbia	Peslier[2002]
BTX-37		44.36	0.13	3.17	8.26	0.13	38.71	3.42	2279	117		2600	12				off crat xeno	British Columbia	Peslier[2002]
BTX-38		43.97	0.04	3.19	7.93	0.13	41.03	1.9	2357	111		3763					off crat xeno	British Columbia	Peslier[2002]
BTX-40		43.81	0.06	2.64	8.31	0.13	41.19	2.09	2436	116		2668	10				off crat xeno	British Columbia	Peslier[2002]
BTX-44		44.87	0.14	3.97	8.11	0.14	37.33	3.54	2122	103		2942					off crat xeno	British Columbia	Peslier[2002]
BTX-45		44.24	0.09	2.91	8.74	0.14	39.65	3.28	2279	110		1505					off crat xeno	British Columbia	Peslier[2002]
LLX-7		44	0.12	3.05	8.45	0.13	39.51	2.89	2200	107	0.331	2805		72	0.331	1.189	off crat xeno	British Columbia	Peslier[2002]
LLX-11		43.64	0.11	2.05	8.01	0.13	42.4	1.69	2436	120		2463					off crat xeno	British Columbia	Peslier[2002]
LLX-14	0.09	44.36	0.14	4.06	8.38	0.14	37.59	3.44	2122	102		2805	15				off crat xeno	British Columbia	Peslier[2002]
KRX-6		44.81	0.16	4.13	8.39	0.14	37.37	3.48	2043	109		2668	11				off crat xeno	British Columbia	Peslier[2002]
KRX-8	0.03	44.69	0.16	4.77	8.17	0.13	37.04	3.77	2043	102		2600	12				off crat xeno	British Columbia	Peslier[2002]

KRX-9	0.02	46.2	0.21	5.23	7.41	0.13	33.6	5.54	1650	88		3421	17				off crat xeno	British Columbia	Peslier[2002]
KRX-10		44.57	0.15	4.25	8.26	0.14	37.63	3.57	2043	100		2805	12				off crat xeno	British Columbia	Peslier[2002]
KRX-11		43.82	0.03	1.81	8.11	0.13	43.02	1.56	2515	118	0.108	2874	10	41	0.108	0.110	off crat xeno	British Columbia	Peslier[2002]
KRX-13		44.7	0.16	4.36	8.49	0.14	37.46	3.43	2043	96	0.406	2874	15	83	0.406	0.606	off crat xeno	British Columbia	Peslier[2002]
KRX-14	0.27	43.87	0.17	3.45	8.78	0.14	38.86	3.05	2200	110	0.344	2463	18	72	0.344	2.367	off crat xeno	British Columbia	Peslier[2002]
KRX-15		44.61	0.11	3.54	8.00	0.13	38.98	3.12	2200	107		2874	13				off crat xeno	British Columbia	Peslier[2002]
KRX-19	0.39	43.25	0.16	3.42	9.12	0.15	38.32	3.19	2200	110		2737	10				off crat xeno	British Columbia	Peslier[2002]
KRX-20		44.39	0.03	1.63	8.77	0.14	42.6	1.48	2357	123		3079					off crat xeno	British Columbia	Peslier[2002]
LPX-1		44.62	0.15	3.96	8.42	0.15	37.61	3.47	2122	112		2668	18				off crat xeno	British Columbia	Peslier[2002]
LPX-2		43.39	0.12	3.66	8.71	0.14	39.6	2.61	2279	116		3010	14				off crat xeno	British Columbia	Peslier[2002]
LPX-3		43.74	0.12	3.39	8.82	0.15	39.02	2.91	2279	128		2668	13				off crat xeno	British Columbia	Peslier[2002]
LPX-4		44.87	0.14	3.71	7.93	0.13	38.59	3.15	2122	99		2668	16				off crat xeno	British Columbia	Peslier[2002]
LPX-6		45.12	0.17	4.45	8.06	0.14	36.39	4.06	1965	100		2668	16				off crat xeno	British Columbia	Peslier[2002]
LPX-7		44.43	0.13	3.99	8.25	0.14	38.13	3.28	2122	116		2942	14				off crat xeno	British Columbia	Peslier[2002]
LPX-8		44.27	0.12	3.72	8.31	0.14	38.73	3.11	2200	108		2942	11				off crat xeno	British Columbia	Peslier[2002]
LPX-9		44.68	0.14	3.7	9.10	0.15	37.47	3.19	2122	107		2326	13				off crat xeno	British Columbia	Peslier[2002]
LPX-11		44.24	0.14	3.92	8.50	0.15	38.23	3.36	2200	114	0.420	2737	12	86	0.420	0.387	off crat xeno	British Columbia	Peslier[2002]
LPX-12		43.9	0.12	3.25	8.52	0.14	39.34	2.94	2200	111		2463	10				off crat xeno	British Columbia	Peslier[2002]
LPX-13		44.46	0.12	3.07	8.41	0.14	39.73	2.77	2200	111		2326					off crat xeno	British Columbia	Peslier[2002]
LPX-14		44.8	0.14	3.88	8.28	0.14	37.98	3.42	2043	107		2805	15				off crat xeno	British Columbia	Peslier[2002]
LPX-15		43.96	0.12	3.36	8.56	0.14	39.6	2.91	2200	111		2395					off crat xeno	British Columbia	Peslier[2002]
LPX-16		43.19	0.12	3.36	9.63	0.15	39.11	2.77	2200	111	0.304	2600	15	66	0.304	0.415	off crat xeno	British Columbia	Peslier[2002]
LPX-17		44.51	0.13	3.44	8.47	0.14	38.84	3.13	2200	110		2326	12				off crat xeno	British Columbia	Peslier[2002]
LPX-18		43.56	0.12	3.06	8.75	0.14	40.11	2.49	2200	113	0.465	1984		73	0.465	8.944	off crat xeno	British Columbia	Peslier[2002]
LPX-19		44.46	0.14	3.66	8.55	0.14	38.4	3.16	3772	106		2805	11				off crat xeno	British Columbia	Peslier[2002]
LPX-24		44.54	0.15	3.66	8.31	0.14	38.45	3.43	2122	102		2463	12				off crat xeno	British Columbia	Peslier[2002]
LPX-25		44.92	0.14	3.78	7.97	0.14	37.96	3.56	2122	110		2463	18				off crat xeno	British Columbia	Peslier[2002]
LPX-26		44.46	0.09	2.92	8.33	0.14	40.23	2.56	2200	117		2737					off crat xeno	British Columbia	Peslier[2002]
LPX-27		43.97	0.11	3.31	8.42	0.14	39.86	2.77	2200	113		2668					off crat xeno	British Columbia	Peslier[2002]
LPX-28		43.87	0.12	3.12	8.62	0.14	39.36	2.99	2279	120		2395	13				off crat xeno	British Columbia	Peslier[2002]
LPX-31		44.51	0.13	3.68	8.05	0.14	38.64	3.39	2122	114		2874	18				off crat xeno	British Columbia	Peslier[2002]
LPX-34		44.19	0.15	4.01	8.30	0.14	38.31	3.58	2122	117		2737					off crat xeno	British Columbia	Peslier[2002]
RRX-5	0.02	44.66	0.075	3.05	8.19	0.135	39.42	2.92	2200	111		2696	14				off crat xeno	British Columbia	Peslier[2002]
RRX-6		43.39	0.03	1.43	8.24	0.13	43.66	1.67	2515	115		3012					off crat xeno	British Columbia	Peslier[2002]
RRX-8		44.15	0.089	3.06	8.67	0.134	40.31	2.48	2279	113		2402	21				off crat xeno	British Columbia	Peslier[2002]
RRX-9		44.22	0.049	2.25	8.57	0.136	41.76	1.76	2357	122		2988	10				off crat xeno	British Columbia	Peslier[2002]
RRX-10	0.18	44.61	0.056	2.87	7.91	0.13	40.5	2.55	2279	117	0.210	2998	23	61	0.210	0.098	off crat xeno	British Columbia	Peslier[2002]
RRX-11	0.02	44.23	0.055	2.53	8.18	0.132	41.22	2.39	2357	121		2690	10				off crat xeno	British Columbia	Peslier[2002]
RRX-12	0.55	44.1	0.118	3.49	8.46	0.137	38.09	3.41	2200	117		2224	14				off crat xeno	British Columbia	Peslier[2002]
RRX-14		43.87	0.034	1.75	8.69	0.136	42.76	1.5	2515	124	0.112	2391	15	43	0.112	0.118	off crat xeno	British Columbia	Peslier[2002]
RRX-15	0.14	44.33	0.07	2.5	8.40	0.14	41.07	2.2	2357	114		2482	57				off crat xeno	British Columbia	Peslier[2002]
RRX-18	0.12	44.49	0.086	3.73	8.10	0.132	38.34	3.35	2122	105		3576	10				off crat xeno	British Columbia	Peslier[2002]
RRX-22	0.03	44.37	0.074	2.82	8.23	0.131	40.55	2.52	2357	115		3358					off crat xeno	British Columbia	Peslier[2002]
RRX-23	0.23	44.63	0.033	2.94	7.92	0.132	39.98	2.54	2357	110		2748					off crat xeno	British Columbia	Peslier[2002]
SLX-4	0.19	43.77	0.053	2.1	9.36	0.155	40.78	2.03	2436	117	0.179	2443		53	0.179	0.176	off crat xeno	British Columbia	Peslier[2002]
SLX-5	0.2	44.86	0.09	4.19	8.02	0.134	37.16	3.72	2122	95		3028					off crat xeno	British Columbia	Peslier[2002]
SLX-11	0.24	43.98	0.083	2.95	8.39	0.137	40.26	2.33	2357	127		2640	14				off crat xeno	British Columbia	Peslier[2002]
SLX-13	0.08	44.11	0.099	2.8	8.85	0.145	39.91	2.39	2279	121		2030					off crat xeno	British Columbia	Peslier[2002]
SLX-16	0.12	43.58	0.077	2.51	8.82	0.138	41.3	1.79	2436	117		2415					off crat xeno	British Columbia	Peslier[2002]
SLX-20	0.12	44.36	0.109	4.06	8.56	0.139	37.78	2.91	2200	120		3046	12				off crat xeno	British Columbia	Peslier[2002]
SLX-22	0.21	43.35	0.082	2.43	10.10	0.173	39.52	2.43	2200	115		2070					off crat xeno	British Columbia	Peslier[2002]
SLX-26	0.15	44.03	0.121	3.47	8.41	0.137	38.69	3.11	2279	101		2747	15				off crat xeno	British Columbia	Peslier[2002]
SLX-27		43.3	0.029	1.22	8.77	0.136	43.76	1.2	2593	127		2443	11				off crat xeno	British Columbia	Peslier[2002]
SLX-30	0.02	42.91	0.028	1.36	10.23	0.159	42.84	1.12	2357	125	0.104	2406		34	0.104	0.569	off crat xeno	British Columbia	Peslier[2002]

SLX-31	0.21	44.04	0.086	2.85	8.40	0.137	39.85	2.77	2357	111		3163					off crat xeno	British Columbia	Peslier[2002]
SLX-33	0.09	44.51	0.136	3.39	8.63	0.139	38.22	3.01	2200	115		2269	13				off crat xeno	British Columbia	Peslier[2002]
SLX-41	0.03	43.91	0.09	3.2	8.50	0.137	39.64	2.76	2357	116	0.312	2780	15	63	0.312	0.254	off crat xeno	British Columbia	Peslier[2002]
SLX-44A	0.11	42.83	0.095	2.26	9.08	0.138	42.2	1.31	2515	125		1843					off crat xeno	British Columbia	Peslier[2002]
SLX-45	0.1	44.36	0.144	4.51	8.24	0.135	36.9	3.96	2357	114		2772	18				off crat xeno	British Columbia	Peslier[2002]
SLX-46	0.12	42.56	0.111	2.98	9.62	0.154	39.84	2.8	2279	123		2696					off crat xeno	British Columbia	Peslier[2002]
SLX-48	0.31	43.83	0.105	3.31	8.52	0.139	38.94	2.91	2279	115		2553					off crat xeno	British Columbia	Peslier[2002]
SLX-52	0.2	43.97	0.109	3.18	8.38	0.137	39.18	3.1	2200	106		2781	12				off crat xeno	British Columbia	Peslier[2002]
SLX-53	0.21	43.47	0.114	2.85	9.66	0.151	39.19	2.12	2122	113		2222	17				off crat xeno	British Columbia	Peslier[2002]
SLX-14	0.09	42.23	0.15	2.81	10.23	0.17	38.84	3.76	2122	111		2805	13				off crat xeno	British Columbia	Peslier[2002]
SLX-15	0.44	41.9	0.17	2.94	10.21	0.16	38.39	3.87	2200	114		2805	13				off crat xeno	British Columbia	Peslier[2002]
SLX-34	0.05	41.56	0.132	2.14	11.41	0.185	39.65	2.98	2043	131		2932	12				off crat xeno	British Columbia	Peslier[2002]
SLX-50	0.12	42.33	0.082	1.71	9.04	0.14	42.43	2.6	2672	124		1982					off crat xeno	British Columbia	Peslier[2002]
SLX-51		40.95	0.109	1.61	11.10	0.176	42.25	2.06	2200	127	0.238	1818		51	0.238	3.074	off crat xeno	British Columbia	Peslier[2002]
SLX-55	0.17	41.99	0.119	4.05	8.49	0.137	39.73	3.37	2750	112		3491	10				off crat xeno	British Columbia	Peslier[2002]
SLX-56	0.12	43.19	0.192	3.56	8.74	0.138	39.13	3.55	2357	113	0.433	2386	11	81	0.433	2.680	off crat xeno	British Columbia	Peslier[2002]
KLX-51		42.64	0.163	1.58	12.55	0.171	36.98	4.25	1886	147		1533	14				off crat xeno	British Columbia	Peslier[2002]
KLX-53		39.03	0.037	0.19	14.41	0.179	44.36	0.28	2357	178		337					off crat xeno	British Columbia	Peslier[2002]
KLX-65		39.28	0.046	0.33	14.24	0.182	44.41	0.42	2279	175	0.040	869		15	0.040	0.583	off crat xeno	British Columbia	Peslier[2002]
KLX-28		38.77	0.14	1.46	14.68	0.19	41.59	1.28	1807	163		2668	9				off crat xeno	British Columbia	Peslier[2002]
KLX-2		40.64	0.21	1.49	13.36	0.18	39.51	3.34	1414	161		1095	14				off crat xeno	British Columbia	Peslier[2002]
KLX-3		42.17	0.31	2.42	12.44	0.18	34.56	6.4	1179	143		1779	14				off crat xeno	British Columbia	Peslier[2002]
KLX-4		42.35	0.54	3.37	12.96	0.18	31.22	7.7	1100	138		1779	28				off crat xeno	British Columbia	Peslier[2002]
KLX-5		41.75	0.21	1.74	13.04	0.18	36.6	5.15	1336	144		1916	16				off crat xeno	British Columbia	Peslier[2002]
KLX-7		41.77	0.31	2.3	12.85	0.18	35	5.82	1493	138	0.245	2395	15	99	0.245	3.237	off crat xeno	British Columbia	Peslier[2002]
KLX-8		44.17	0.66	4.38	11.25	0.17	26.85	10.85	786	105		1642	32				off crat xeno	British Columbia	Peslier[2002]
KLX-9		44.01	0.55	3.85	11.23	0.17	28.15	10.23	864	107		2805	25				off crat xeno	British Columbia	Peslier[2002]
KLX-11		43.64	0.48	3.54	11.64	0.17	29.89	9.06	864	129	0.403	1711	23	166	0.403	3.918	off crat xeno	British Columbia	Peslier[2002]
KLX-14		41.52	0.26	1.95	12.6	0.18	36.7	5.05	1493	140		2121	24				off crat xeno	British Columbia	Peslier[2002]
KLX-16		43.08	0.49	3.39	12.08	0.18	30.84	8.44	1100	121		2258	18				off crat xeno	British Columbia	Peslier[2002]
KLX-17		41.14	0.26	1.79	13.42	0.18	37.3	4.48	1336	141	0.203	1847	16	83	0.203	2.294	off crat xeno	British Columbia	Peslier[2002]
KLX-18		41.69	0.26	1.98	12.75	0.18	36.31	5.36	1257	138		1984	15				off crat xeno	British Columbia	Peslier[2002]
KLX-19		41.31	0.34	2.22	12.84	0.18	35.98	5.16	1257	136		1642	18				off crat xeno	British Columbia	Peslier[2002]
KLX-20		43.48	0.51	3.57	11.28	0.17	29.76	9.29	943	121		2600	20				off crat xeno	British Columbia	Peslier[2002]
KLX-23		40.9	0.48	3.13	13.62	0.18	34.42	5.84	1257	134		1916	15				off crat xeno	British Columbia	Peslier[2002]
KLX-24		41.38	0.26	1.9	12.81	0.18	37.28	4.78	1336	151		1505	10				off crat xeno	British Columbia	Peslier[2002]
KLX-25		41.55	0.28	2.02	13.01	0.18	35.96	5.33	1257	138		1984	13				off crat xeno	British Columbia	Peslier[2002]
KLX-26		40.67	0.23	1.59	13.39	0.18	38.23	3.82	1336	153		1300	18				off crat xeno	British Columbia	Peslier[2002]
KLX-27		44.97	0.77	5.67	10.94	0.17	23.11	12.92	629	87		2053	40				off crat xeno	British Columbia	Peslier[2002]
KLX-29		41.35	0.27	2.29	13.62	0.19	35.38	5.29	1493	143		1368	17				off crat xeno	British Columbia	Peslier[2002]
SLX-7		39	1.21	4.94	14.12	0.241	32.92	5.22	1493	117		1875	12				off crat xeno	British Columbia	Peslier[2002]
SLX-8		42.65	0.313	4.56	9.04	0.166	33.6	7.77	1807	104	0.855	2717	27	157	0.855	5.538	off crat xeno	British Columbia	Peslier[2002]
SLX-24	0.55	42.61	0.32	5.34	8.24	0.143	33.01	7.99	1807	105		2438	29				off crat xeno	British Columbia	Peslier[2002]
SLX-38	0.18	41.56	0.28	3.42	10.41	0.171	37.12	4.81	1886	114		2722	14				off crat xeno	British Columbia	Peslier[2002]
SLX-39	0.06	41.05	0.18	2.33	12.09	0.193	38.07	4.23	1807	122	0.460	2317	15	74	0.460	10.149	off crat xeno	British Columbia	Peslier[2002]
SLX-42	0.14	40.91	0.27	3.31	12.06	0.189	36.38	4.96	1493	130		2482	15				off crat xeno	British Columbia	Peslier[2002]
SLX-54	0.57	43.77	0.35	6.11	7.52	0.136	30.03	9.87	1572	87		2187	32				off crat xeno	British Columbia	Peslier[2002]
SLX-44B		47.19	0.27	8.9	6.074	0.118	26.22	9.08	1336	67		9261	32				off crat xeno	British Columbia	Peslier[2002]
SLX-10		45.85	0.24	8.3	7.43	0.15	27.68	7.67	1202	78		4393	28				off crat xeno	British Columbia	Peslier[2002]
KLX-13		45.17	0.57	4.61	10.03	0.16	25.38	12.26	864	98		3284	29				off crat xeno	British Columbia	Peslier[2002]
KLX-49B		48.11	0.23	4.51	5.97	0.113	28.06	11.13	2122	71		3705	34				off crat xeno	British Columbia	Peslier[2002]
KLX-72		46.86	0.94	7.17	8.46	0.15	17.82	16.51	629	62		2664	47				off crat xeno	British Columbia	Peslier[2002]
KLX-74	0.06	48.44	0.94	6.61	6.88	0.13	16.76	17.88	471	44		5049	39				off crat xeno	British Columbia	Peslier[2002]
KLX-71	0.04	48.91	0.67	5.13	6.79	0.13	18.25	17.89	550	53		4721	45				off crat xeno	British Columbia	Peslier[2002]

KLX-1	0.05	52.41	0.21	2.87	4.69	0.15	18.2	19.97	393	40	5644	48				off crat xeno	British Columbia	Peslier[2002]
KLX-35		52.22	0.26	2.79	6.25	0.16	21.21	15.55	471	48	4343	35				off crat xeno	British Columbia	Peslier[2002]
BTX-4		47.58	0.18	8.49	6.63	0.13	29.29	6.47	0		0					off crat xeno	British Columbia	Peslier[2002]
BTX-6	0.06	50.49	0.34	7.3	6.15	0.15	18.75	14.72	0	46	4516	41				off crat xeno	British Columbia	Peslier[2002]
BTX-7		48.88	0.22	8.62	7.32	0.15	25.16	8.08	0		0					off crat xeno	British Columbia	Peslier[2002]
LLX-15	0.6	46.46	0.51	5.4	9.52	0.16	24.08	11.49	943	91	2121	201				off crat xeno	British Columbia	Peslier[2002]
10046		45.19	0.09	3.53	8.15	0.13	38.35	3.18								off crat xeno	Alligator Lake, Yukon	Francis[1987]
10042		44.53	0.11	3.19	8.13	0.13	39.91	2.69								off crat xeno	Alligator Lake, Yukon	Francis[1987]
10047		44.79	0.08	2.66	8.41	0.14	40.73	2.26								off crat xeno	Alligator Lake, Yukon	Francis[1987]
10090		44.48	0.05	1.68	8.61	0.14	42.49	1.21								off crat xeno	Alligator Lake, Yukon	Francis[1987]
10056		43.40	0.02	1.22	8.88	0.13	44.55	0.56								off crat xeno	Alligator Lake, Yukon	Francis[1987]
10081		43.19	0.05	0.64	9.50	0.14	44.64	0.51								off crat xeno	Alligator Lake, Yukon	Francis[1987]
10053		44.32	0.03	0.72	7.79	0.12	45.29	0.50								off crat xeno	Alligator Lake, Yukon	Francis[1987]
10051		43.32	0.01	0.57	7.87	0.12	46.50	0.37								off crat xeno	Alligator Lake, Yukon	Francis[1987]
10045		48.20	0.12	1.78	7.03	0.12	40.77	0.65								off crat xeno	Alligator Lake, Yukon	Francis[1987]
10087		44.23	0.09	2.39	8.48	0.14	41.20	1.93								off crat xeno	Alligator Lake, Yukon	Francis[1987]
10070		43.25	0.09	1.56	12.34	0.17	40.02	1.07								off crat xeno	Alligator Lake, Yukon	Francis[1987]
LG-36	0.01	45.02	0.07	3.49	8.12	0.13	39.28	2.99								off crat xeno	northern British Columbia	Shi[1998]
LG-4	0.00	43.27	0.01	0.60	7.91	0.13	46.85	0.54								off crat xeno	northern British Columbia	Shi[1998]
LG-12	0.00	43.21	0.00	0.74	7.92	0.12	46.66	0.53								off crat xeno	northern British Columbia	Shi[1998]
HF-24	0.00	44.31	0.07	3.21	8.80	0.14	39.70	2.93								off crat xeno	northern British Columbia	Shi[1998]
HF-23	0.00	43.91	0.01	1.40	7.81	0.12	44.78	1.10								off crat xeno	northern British Columbia	Shi[1998]
HF-7	0.00	43.58	0.03	1.03	8.17	0.13	45.54	0.75								off crat xeno	northern British Columbia	Shi[1998]
FS-10	0.00	45.11	0.13	3.89	8.39	0.14	37.98	3.32								off crat xeno	northern British Columbia	Shi[1998]
FS-45	0.00	43.22	0.08	2.46	9.13	0.15	40.22	2.73								off crat xeno	northern British Columbia	Shi[1998]
WD12	0.00	44.17	0.06	2.73	8.08	0.13	41.55	2.35								off crat xeno	northern British Columbia	Shi[1998]
WD-17	0.00	43.77	0.06	2.66	8.79	0.14	41.24	2.63								off crat xeno	northern British Columbia	Shi[1998]
PV-4	0.00	44.79	0.13	3.91	8.31	0.14	38.36	3.45								off crat xeno	northern British Columbia	Shi[1998]
CR-33	0.00	44.57	0.09	3.03	8.48	0.14	40.19	2.56								off crat xeno	northern British Columbia	Shi[1998]
KR-4000		43.24	0.01	1.33	8.66	0.13	45.77	0.66	2510	106	0.093	1930	5.0	21	0.093	0.207	off crat xeno	West Kettle River, BC	Xue[1990]
KR-37		44.29	0.01	1.81	8.12	0.13	43.62	1.14	2410	105	0.180	2415	8.0	38	0.180	5.150	off crat xeno	West Kettle River, BC	Xue[1990]
KR-141		44.66	0.03	3.16	8.22	0.13	40.00	2.57	2140	107	0.300	3220	14.0	67	0.300		off crat xeno	West Kettle River, BC	Xue[1990]
KR-4016		44.12	0.05	3.06	8.33	0.13	39.98	2.72	2080	108	0.280	2700	15.0	70	0.280		off crat xeno	West Kettle River, BC	Xue[1990]
KR-35		43.74	0.07	3.84	8.62	0.14	40.26	2.71	2100	103	0.340	3000	13.0	67	0.340		off crat xeno	West Kettle River, BC	Xue[1990]
KR-4002		44.65	0.06	3.57	8.07	0.13	38.93	2.83	1970	88	0.340	2930	12.0	61	0.340	0.490	off crat xeno	West Kettle River, BC	Xue[1990]
KR-4001		44.81	0.03	3.71	7.95	0.13	37.86	3.47	1960	90	0.290	3030	14.0	69	0.290	0.660	off crat xeno	West Kettle River, BC	Xue[1990]
KR-4005		45.13	0.09	4.03	8.13	0.14	38.21	3.36	1940	102	0.340	2740	16.0	80	0.340		off crat xeno	West Kettle River, BC	Xue[1990]
KR-4003		44.92	0.12	4.26	8.02	0.13	37.34	3.45	1870	88	0.400	2790	15.0	79	0.400	1.690	off crat xeno	West Kettle River, BC	Xue[1990]
Massif Central, Chauvel		45.49	0.14	3.54	8.70	0.14	38.48	3.15	2045			2790	5.0	75			off crat xeno		Xue[1990]
RP83-67		43.96	0.06	1.12	7.76	0.12	46.06	0.70	2561			2406	7.4	33			off crat xeno	Massif Central	Zangana [1999]
RP83-68		43.77	0.04	1.11	8.13	0.12	45.93	0.73	2512			2800	15.0	34			off crat xeno	Massif Central	Zangana [1999]
RP83-70		44.83	0.11	3.38	7.68	0.12	40.68	2.88	2198			3244	12.0	74			off crat xeno	Massif Central	Zangana [1999]
RP83-71		44.63	0.09	2.76	7.69	0.12	42.42	1.94	2263			3006	5.0	63			off crat xeno	Massif Central	Zangana [1999]
RP83-72		43.00	0.02	0.80	7.80	0.12	48.18	0.04	2708			2342	8.0	41			off crat xeno	Massif Central	Zangana [1999]
RP87-1		43.89	0.04	1.27	8.22	0.12	45.67	0.65	2457			2683	19.0	36			off crat xeno	Massif Central	Zangana [1999]
RP87-2		45.05	0.16	4.58	7.70	0.12	38.12	3.91	1975			3666	13.0	95			off crat xeno	Massif Central	Zangana [1999]
RP87-3		44.86	0.07	2.59	7.87	0.12	41.91	2.35	2256			3582	9.0	63			off crat xeno	Massif Central	Zangana [1999]
RP87-4		44.68	0.06	1.41	8.06	0.13	44.41	1.10	2469			2309	10.0	42			off crat xeno	Massif Central	Zangana [1999]
RP87-5		44.64	0.08	2.61	8.01	0.12	42.49	1.83	2423			2584	18.0	51			off crat xeno	Massif Central	Zangana [1999]
RP87-6		44.93	0.15	3.75	7.83	0.12	39.48	3.34	1964			3776	10.0	84			off crat xeno	Massif Central	Zangana [1999]
RP87-7		43.03	0.04	1.50	8.03	0.13	43.79	3.13	2422			2567	10.0	40			off crat xeno	Massif Central	Zangana [1999]
RP87-8		44.47	0.10	2.85	7.92	0.12	42.09	2.18	2537			3490		43			off crat xeno	Massif Central	Zangana [1999]
RP87-9		45.37	0.03	1.28	7.76	0.13	44.80	0.44	2366			2727	8.0	36			off crat xeno	Massif Central	Zangana [1999]
RP87-10A		45.56	0.12	3.17	7.61	0.12	39.71	3.20	2065			2588	16.0	77			off crat xeno	Massif Central	Zangana [1999]

RP87-10B		43.71	0.07	1.32	7.82	0.13	45.56	1.23								off crat xeno	Massif Central	Zangana [1999]
RP91-1		45.17	0.10	3.45	8.02	0.14	40.28	2.54	2107			3062	14.0	72		off crat xeno	Massif Central	Zangana [1999]
RP91-2		44.05	0.04	1.20	8.71	0.14	45.13	0.70	2471			3702	8.0	37		off crat xeno	Massif Central	Zangana [1999]
RP91-3		44.03	0.03	1.70	7.96	0.13	44.60	1.42	2421			3065	11.0	49		off crat xeno	Massif Central	Zangana [1999]
RP91-4		44.90	0.09	2.62	8.09	0.13	41.39	2.39	2194			2216	14.0	62		off crat xeno	Massif Central	Zangana [1999]
RP91-5		45.38	0.15	4.20	8.22	0.13	38.14	3.39	2005			2931	17.0	84		off crat xeno	Massif Central	Zangana [1999]
RP91-6		44.80	0.15	3.77	7.83	0.13	39.54	3.34	2052			2821	17.0	80		off crat xeno	Massif Central	Zangana [1999]
RP91-7		45.54	0.17	4.31	8.23	0.13	37.57	3.63	1980			2847	18.0	90		off crat xeno	Massif Central	Zangana [1999]
RP91-8		44.49	0.10	2.90	7.95	0.12	42.07	2.16	2237			2473	12.0	58		off crat xeno	Massif Central	Zangana [1999]
RP91-9		43.72	0.04	1.32	8.17	0.12	45.65	0.79	2571			3082	8.0	37		off crat xeno	Massif Central	Zangana [1999]
RP91-10		44.27	0.08	2.08	7.99	0.12	43.21	1.95	2335			2308	12.0	50		off crat xeno	Massif Central	Zangana [1999]
RP91-11		44.47	0.03	1.70	7.75	0.11	44.07	1.66	2384			3634	12.0	54		off crat xeno	Massif Central	Zangana [1999]
RP91-12		45.14	0.08	3.03	7.66	0.12	40.94	2.63	2124			3389	14.0	73		off crat xeno	Massif Central	Zangana [1999]
RP91-13		44.61	0.13	3.11	7.69	0.12	41.09	2.51	2242			2808	15.0	72		off crat xeno	Massif Central	Zangana [1999]
RP91-14		45.38	0.08	1.68	7.86	0.12	43.15	1.52	2356			3013	11.0	52		off crat xeno	Massif Central	Zangana [1999]
RP91-15		45.45	0.15	3.95	8.18	0.13	38.34	3.36	2021			2853	17.0	83		off crat xeno	Massif Central	Zangana [1999]
RP91-16		44.42	0.07	2.67	8.03	0.12	42.24	2.19	2304			2869	13.0	56		off crat xeno	Massif Central	Zangana [1999]
RP91-17		44.07	0.09	2.10	8.35	0.13	43.30	1.70	2386			2434	10.0	47		off crat xeno	Massif Central	Zangana [1999]
RP91-18		44.99	0.09	1.99	7.72	0.12	42.54	2.29	2295			4079	15.0	62		off crat xeno	Massif Central	Zangana [1999]
RP91-19		44.47	0.12	3.54	7.90	0.12	40.53	2.91	2199			3159	15.0	75		off crat xeno	Massif Central	Zangana [1999]
RP91-20		45.32	0.12	3.54	7.88	0.12	39.59	3.12	2057			2945	16.0	79		off crat xeno	Massif Central	Zangana [1999]
RP91-21		42.53	0.03	1.33	8.69	0.13	46.71	0.45	2633			1999	5.0	28		off crat xeno	Massif Central	Zangana [1999]
RP91-22		45.24	0.07	2.38	7.54	0.12	42.09	2.27	2249			2252	13.0	55		off crat xeno	Massif Central	Zangana [1999]
CF6		44.82	0.10	3.21	8.16	0.12	40.07	2.78		0.340		2710			0.340	0.570	off crat xeno	Massif Central (France)	Lenoir[2000]
LF5		44.97	0.07	2.92	7.89	0.12	40.76	2.38		0.284		2815			0.284	1.000	off crat xeno	Massif Central (France)	Lenoir[2000]
PV3		44.29	0.09	2.45	7.45	0.12	41.80	2.27	22	0.198		2683			0.198	0.445	off crat xeno	Massif Central (France)	Lenoir[2000]
PX4		45.18	0.15	3.71	7.82	0.12	38.84	3.45	1871	0.406		2520			0.406	0.700	off crat xeno	Massif Central (France)	Lenoir[2000]
RT2		44.79	0.12	3.39	7.84	0.12	40.35	2.52		0.296		2975			0.296	0.471	off crat xeno	Massif Central (France)	Lenoir[2000]
RU4		43.72	0.07	2.01	8.26	0.12	43.71	1.60	2317	0.169		2550			0.169	3.760	off crat xeno	Massif Central (France)	Lenoir[2000]
VE1		44.28	0.07	2.81	7.53	0.11	40.34	3.08	2050	0.325		3063			0.325	0.322	off crat xeno	Massif Central (France)	Lenoir[2000]
BC8		43.45	0.02	1.49	8.21	0.12	45.03	1.06	2390	0.080		2250			0.080	0.720	off crat xeno	Massif Central (France)	Lenoir[2000]
CR1E		43.48	0.00	1.06	7.99	0.12	46.15	0.64		0.035		3560			0.035	0.597	off crat xeno	Massif Central (France)	Lenoir[2000]
CU4		44.20	0.07	2.19	8.70	0.12	42.27	1.35	2321	0.168		2465			0.168	0.840	off crat xeno	Massif Central (France)	Lenoir[2000]
CH2		43.37	0.21	2.78	8.05	0.14	41.98	1.71		0.220					0.220	7.200	off crat xeno	Massif Central (France)	Lenoir[2000]
FR18		44.07	0.02	2.15	7.64	0.13	42.54	2.55		0.080					0.080	0.188	off crat xeno	Massif Central (France)	Lenoir[2000]
FS6		44.52	0.03	2.44	8.32	0.10	41.10	2.04	2134	0.150		2915			0.150	1.100	off crat xeno	Massif Central (France)	Lenoir[2000]
MB4		46.12	0.03	2.69	7.57	0.12	38.86	3.05	2009	0.198		3369			0.198	0.235	off crat xeno	Massif Central (France)	Lenoir[2000]
SA3		32.36	0.04	2.16	8.21	0.13	42.11	3.20	2236	2.390		2442			0.239	0.391	off crat xeno	Massif Central (France)	Lenoir[2000]
FR3		42.25	0.02	1.09	7.82	0.13	46.33	1.20		0.055					0.055	0.189	off crat xeno	Massif Central (France)	Lenoir[2000]
FS3		44.05	0.02	1.04	7.47	0.11	45.26	0.63	2528	0.025		2737			0.025	2.780	off crat xeno	Massif Central (France)	Lenoir[2000]
SA12		42.34	0.02	1.19	8.84	0.12	46.25	0.69	2663	0.062		1468			0.062	0.680	off crat xeno	Massif Central (France)	Lenoir[2000]
1	0.02	49.84	0.07	0.98	0.00	0.17	37.36	1.02	1335	0.100		4220			0.100	12.100	off crat xeno	Sahara basin	Dautria[1992]
2	0.02	46.01	0.53	3.27	0.00	0.15	35.74	2.23	1850	0.260		2185			0.260	2.600	off crat xeno	Sahara basin	Dautria[1992]
3	0.02	44.53	0.07	1.92	0.00	0.12	42.71	1.74	2280	0.180		2360			0.180	2.000	off crat xeno	Sahara basin	Dautria[1992]
4	0.02	41.53	0.06	1.38	0.00	0.15	44.48	1.83	2340	0.160		2195			0.160	7.800	off crat xeno	Sahara basin	Dautria[1992]
5	0.02	42.61	0.03	0.60	0.00	0.14	45.70	1.37	2460	0.050		1430			0.050	4.500	off crat xeno	Sahara basin	Dautria[1992]
6	0.02	44.39	0.07	2.18	0.00	0.12	42.19	1.85	2165	0.230		3575			0.230	12.300	off crat xeno	Sahara basin	Dautria[1992]
7	0.13	43.51	0.11	2.10	0.00	0.13	40.69	2.95	2155	0.320		3280			0.320	14.600	off crat xeno	Sahara basin	Dautria[1992]
8	0.14	45.54	0.11	2.56	0.00	0.12	39.72	2.82	2030	0.280		3220			0.280	11.100	off crat xeno	Sahara basin	Dautria[1992]
9	0.02	45.05	0.07	2.17	0.00	0.12	41.48	2.28	2135	0.210		2845			0.210		off crat xeno	Sahara basin	Dautria[1992]
RX8	2.32	43.29	0.00	3.83	8.14	0.13	38.15	3.46	1835	99	0.430		14.0		0.430	0.800	off crat xeno	Alboran Basin	Lenoir[2001]
RX9	2.02	43.46	0.00	3.02	7.63	0.13	40.66	2.72	1943	99	0.310		12.0		0.310	0.320	off crat xeno	Alboran Basin	Lenoir[2001]
RX10	5.00	42.77	0.00	3.52	8.01	0.12	37.10	3.01	1808	94	0.360		13.0		0.360	0.580	off crat xeno	Alboran Basin	Lenoir[2001]
RX11	7.18	40.32	0.00	2.89	7.47	0.12	39.12	2.49	1854	94	0.263		11.0		0.263	0.350	off crat xeno	Alboran Basin	Lenoir[2001]

RX12	7.82	40.76	0.00	1.06	6.89	0.10	42.21	0.78	2065	101	0.045	7.0	0.045	0.039	off crat xeno	Alboran Basin	Lenoir[2001]
RX25	6.06	42.06	0.00	3.41	7.84	0.12	37.11	2.88	1737	91	0.350	13.0	0.350	0.500	off crat xeno	Alboran Basin	Lenoir[2001]
RX26	4.70	42.96	0.00	3.07	7.46	0.12	38.30	2.98	1811	93	0.330	13.0	0.330	0.510	off crat xeno	Alboran Basin	Lenoir[2001]
RX27	5.06	43.23	0.00	2.71	7.10	0.12	38.88	2.48	1925	94	0.283	12.0	0.283	0.370	off crat xeno	Alboran Basin	Lenoir[2001]
RX28	6.82	42.64	0.00	1.96	6.99	0.11	39.37	1.71	1935	95	0.151	10.0	0.151	0.077	off crat xeno	Alboran Basin	Lenoir[2001]
RX29	6.66	41.55	0.00	1.00	6.80	0.10	42.78	0.80	2198	104	0.069	6.0	0.069	0.065	off crat xeno	Alboran Basin	Lenoir[2001]
GG2A		42.59	0.04	1.03	7.05	0.12	46.96	1.36							off crat xeno	Patagonia	Laurora[2001]
GG3A		41.39	0.05	1.24	9.46	0.14	44.39	2.13							off crat xeno	Patagonia	Laurora[2001]
GG4		42.31	0.10	1.33	7.37	0.13	44.97	2.81							off crat xeno	Patagonia	Laurora[2001]
GG7		42.14	0.05	1.13	7.66	0.13	46.17	1.70							off crat xeno	Patagonia	Laurora[2001]
GG12A		43.08	0.03	1.31	7.28	0.12	45.82	1.54							off crat xeno	Patagonia	Laurora[2001]
GG21A		41.39	0.13	1.29	7.86	0.14	43.30	4.54							off crat xeno	Patagonia	Laurora[2001]
GG31A		43.39	0.08	1.96	7.25	0.13	43.52	2.75							off crat xeno	Patagonia	Laurora[2001]
GG33A		41.26	0.12	1.34	7.95	0.14	43.32	4.58							off crat xeno	Patagonia	Laurora[2001]
GG49A		43.20	0.06	1.75	7.58	0.13	43.46	2.82							off crat xeno	Patagonia	Laurora[2001]
GG50A		44.22	0.11	2.67	7.19	0.13	41.00	3.56							off crat xeno	Patagonia	Laurora[2001]
GG52		41.73	0.04	0.88	7.98	0.13	46.89	1.34							off crat xeno	Patagonia	Laurora[2001]
GG53A		43.64	0.02	1.07	7.48	0.13	45.22	1.62							off crat xeno	Patagonia	Laurora[2001]
GG54A		43.85	0.03	1.44	7.59	0.13	44.45	1.65							off crat xeno	Patagonia	Laurora[2001]
GG55A		43.65	0.03	1.58	7.19	0.13	45.16	1.34							off crat xeno	Patagonia	Laurora[2001]
GG58		41.44	0.06	2.22	7.66	0.13	44.02	3.03							off crat xeno	Patagonia	Laurora[2001]
GG65		42.40	0.05	1.24	7.59	0.13	44.25	3.30							off crat xeno	Patagonia	Laurora[2001]
GG68		42.46	0.08	2.33	7.90	0.13	44.17								off crat xeno	Patagonia	Laurora[2001]
GG70		42.43	0.05	1.10	7.49	0.13	45.57								off crat xeno	Patagonia	Laurora[2001]
GG73		43.13	0.02	1.02	7.47	0.12	46.00								off crat xeno	Patagonia	Laurora[2001]
GG79A		43.77	0.05	2.00	7.32	0.13	44.09								off crat xeno	Patagonia	Laurora[2001]
GG81		43.78	0.03	1.49	6.97	0.12	45.41								off crat xeno	Patagonia	Laurora[2001]
GG83		42.36	0.07	1.97	7.26	0.12	45.63								off crat xeno	Patagonia	Laurora[2001]
GG84		44.08	0.02	0.95	6.55	0.12	46.70								off crat xeno	Patagonia	Laurora[2001]
GG87		44.35	0.08	2.29	7.57	0.13	42.03								off crat xeno	Patagonia	Laurora[2001]
GG89		42.64	0.05	1.20	7.11	0.12	47.06								off crat xeno	Patagonia	Laurora[2001]
GG92		43.48	0.33	2.68	8.68	0.13	40.35								off crat xeno	Patagonia	Laurora[2001]
GG96A		42.35	0.08	2.21	8.10	0.13	44.20								off crat xeno	Patagonia	Laurora[2001]
GG98A		42.81	0.06	1.48	7.62	0.13	44.28								off crat xeno	Patagonia	Laurora[2001]
GG100A		42.66	0.02	0.86	7.58	0.13	45.99								off crat xeno	Patagonia	Laurora[2001]
GG101A		40.53	0.02	0.43	8.05	0.13	48.53								off crat xeno	Patagonia	Laurora[2001]
GG112		43.86	0.05	1.32	7.19	0.12	45.73								off crat xeno	Patagonia	Laurora[2001]
GG118		42.69	0.01	0.52	6.77	0.12	48.29								off crat xeno	Patagonia	Laurora[2001]
slp405		44.97	0.11	3.52	7.94	0.13	39.50	3.18	2030	96		57			off crat xeno	W Mexico	Luhr[1997]
slp142		45.00	0.09	2.94	8.11	0.13	40.19	2.92	2099	106		60			off crat xeno	W Mexico	Luhr[1997]
slp143		44.84	0.09	2.29	7.52	0.12	42.32	2.17	2124	103		49			off crat xeno	W Mexico	Luhr[1997]
slp144		44.75	0.11	2.96	7.86	0.13	40.77	2.72	2091	104		59			off crat xeno	W Mexico	Luhr[1997]
slp99		44.66	0.09	2.97	8.26	0.13	40.43	2.72	2032	107		62			off crat xeno	W Mexico	Luhr[1997]
slp113		45.25	0.09	2.79	8.21	0.13	41.10	1.87	2066	107		55			off crat xeno	W Mexico	Luhr[1997]
slp114		43.87	0.03	0.68	8.01	0.13	46.20	0.68	2567	118		27			off crat xeno	W Mexico	Luhr[1997]
slp400		42.02	0.21	3.29	14.49	0.21	37.00	1.98	1330	138		40			off crat xeno	W Mexico	Luhr[1997]
slp401		44.37	0.08	2.64	7.99	0.13	42.11	2.15	2254	99		43			off crat xeno	W Mexico	Luhr[1997]
slp100		44.57	0.11	3.09	8.20	0.13	40.38	2.90	2040	106		62			off crat xeno	W Mexico	Luhr[1997]
slp101		43.65	0.07	1.58	8.63	0.13	44.33	1.21	2380	119		33			off crat xeno	W Mexico	Luhr[1997]
slp402		44.60	0.16	3.50	9.05	0.14	38.65	3.17	1823	99		58			off crat xeno	W Mexico	Luhr[1997]
slp403		44.71	0.12	3.00	7.59	0.12	41.22	2.50	2192	96		54			off crat xeno	W Mexico	Luhr[1997]
slp168		45.05	0.10	3.15	8.21	0.13	40.06	2.73	1980	105		61			off crat xeno	W Mexico	Luhr[1997]
dgo160		44.52	0.04	1.13	7.57	0.12	45.31	0.86	2346	109		36			off crat xeno	W Mexico	Luhr[1997]
dgo164		45.62	0.10	3.18	7.88	0.13	39.42	3.04	1862	99		68			off crat xeno	W Mexico	Luhr[1997]

dgo165a	45.46	0.25	4.19	8.56	0.14	36.89	3.72	1853	99				88		off crat xeno	W Mexico	Luhr[1997]
dgo165b	44.42	0.12	2.74	8.71	0.14	40.72	2.52	2165	116				51		off crat xeno	W Mexico	Luhr[1997]
dgo165v	41.74	0.15	1.89	12.56	0.17	41.22	1.84	2057	141				44		off crat xeno	W Mexico	Luhr[1997]
dgo166	45.33	0.09	3.19	8.06	0.13	39.55	2.99	1982	102				68		off crat xeno	W Mexico	Luhr[1997]
dgo167a	42.79	0.05	1.79	9.22	0.14	44.70	0.91	2365	119				28		off crat xeno	W Mexico	Luhr[1997]
dgo167b	44.95	0.09	3.16	8.21	0.01	40.00	2.88	2024	105				65		off crat xeno	W Mexico	Luhr[1997]
sin3	45.35	0.17	2.92	8.16	0.13	38.34	4.32	1989	104				82		off crat xeno	W Mexico	Luhr[1997]
bcn100	44.54	0.03	1.55	8.06	0.13	43.43	1.75	2287	114				48		off crat xeno	W Mexico	Luhr[1997]
bcn130	44.86	0.11	3.26	8.90	0.14	38.90	3.19	1922	106				68		off crat xeno	W Mexico	Luhr[1997]
bcn200	45.86	0.15	3.94	7.98	0.14	36.76	4.53	1877	97				79		off crat xeno	W Mexico	Luhr[1997]
bcn201	44.24	0.09	2.59	8.20	0.13	41.81	2.37	2148	100				54		off crat xeno	W Mexico	Luhr[1997]
bcn202	40.85	0.04	0.36	9.42	0.13	48.54	0.45	2947	116				10		off crat xeno	W Mexico	Luhr[1997]
bcn203	45.04	0.03	1.82	7.71	0.12	43.11	1.64	2369	100				36		off crat xeno	W Mexico	Luhr[1997]
XDJ-1	44.17	0.21	2.87	8.95	0.15	40.03	2.69	1863		2276	11.9				off crat xeno	Mexico	Liang[1990]
XDJ-2	43.62	0.19	2.67	8.52	0.15	41.23	2.81	1963		2354	12.2				off crat xeno	Mexico	Liang[1990]
XDJ-4	42.44	0.18	1.72	8.96	0.15	43.86	1.90	2138		2038	9.5				off crat xeno	Mexico	Liang[1990]
XDJ-5	42.70	0.10	1.69	9.25	0.15	43.96	1.43	2192		2122	8.4				off crat xeno	Mexico	Liang[1990]
XDJ-7	44.50	0.20	3.51	8.78	0.15	38.66	3.32	1824		2485	13.8				off crat xeno	Mexico	Liang[1990]
XDJ-8	42.92	0.23	3.25	10.18	0.17	38.67	3.53	1862		2710	14.6				off crat xeno	Mexico	Liang[1990]
XDJ-9	43.19	0.16	2.42	10.32	0.18	39.05	3.48	1825		2891	14.0				off crat xeno	Mexico	Liang[1990]
XDJ-10	43.88	0.19	3.02	8.42	0.14	39.96	3.36	1926		2629	14.3				off crat xeno	Mexico	Liang[1990]
XDJ-11	43.73	0.20	3.06	8.51	0.14	39.78	3.54	1889		2672	13.9				off crat xeno	Mexico	Liang[1990]
XDJ-12	41.09	0.13	1.39	10.43	0.17	44.42	1.77	2206		1324	6.7				off crat xeno	Mexico	Liang[1990]
XDJ-13	43.99	0.26	3.36	8.77	0.14	38.79	3.70	1816		2380	15.0				off crat xeno	Mexico	Liang[1990]
XDJ-14	43.39	0.19	2.57	8.91	0.17	40.24	3.38	1923		2864	14.2				off crat xeno	Mexico	Liang[1990]
XDJ-16	43.90	0.23	2.92	9.01	0.16	38.49	4.16	1846		2815	16.8				off crat xeno	Mexico	Liang[1990]
2	44.35	0.00	1.30	7.66	0.13	45.52	1.02	2351			8.4	23.37			off crat xeno	Simcoe	Brandon[2000]
5	46.81	0.06	1.76	7.68	0.13	42.52	0.88	2436			9.9	34.87			off crat xeno	Simcoe	Brandon[2000]
11	47.10	0.06	1.48	7.56	0.13	42.52	0.98	2413			9.0	24.43			off crat xeno	Simcoe	Brandon[2000]
12	44.03	0.04	1.27	7.70	0.12	45.90	0.90	2376			9.2	26.39			off crat xeno	Simcoe	Brandon[2000]
17	44.54	0.06	1.75	7.84	0.13	44.54	1.03	2329			11.0	40.66			off crat xeno	Simcoe	Brandon[2000]
20	43.72	0.02	0.48	8.56	0.13	46.80	0.21	2751			3.7	7.27			off crat xeno	Simcoe	Brandon[2000]
24								2358			9.6	23.68			off crat xeno	Simcoe	Brandon[2000]
25	46.69	0.00	1.19	7.25	0.13	43.76	0.93	2463			8.6	16.84			off crat xeno	Simcoe	Brandon[2000]
26	45.46	0.03	1.62	8.25	0.13	43.69	0.66	2904			7.7	33.52			off crat xeno	Simcoe	Brandon[2000]
28	46.73	0.01	1.31	7.70	0.13	43.21	0.82	2477			8.7	27.60			off crat xeno	Simcoe	Brandon[2000]
I-6	45.69	0.11	3.19	7.83	0.12	39.71	3.08	2030			14.4	70.00			off crat xeno	Ichinomegata	Brandon[2000]
I-9	46.08	0.12	3.63	7.96	0.12	38.16	3.63	1920			16.7	83.00			off crat xeno	Ichinomegata	Brandon[2000]
I-10	45.55	0.10	3.03	7.84	0.12	40.36	2.69	2065			14.9	73.00			off crat xeno	Ichinomegata	Brandon[2000]
I-11	44.35	0.09	2.75	9.90	0.15	39.46	3.11	1880			16.4	72.00			off crat xeno	Ichinomegata	Brandon[2000]
I-12	44.65	0.10	3.11	8.62	0.13	40.29	2.98	2045			15.3	77.00			off crat xeno	Ichinomegata	Brandon[2000]
61-1B	43.94	0.01	0.55	8.86	0.15	45.57	0.92	2451	138	2907	14.3	46			off crat xeno	Lihir arc	McInnes[2001]
67-1A	45.20	0.00	0.63	8.31	0.13	44.65	1.08	2407	134	2694	13.5	40			off crat xeno	Lihir arc	McInnes[2001]
67-1B	44.19	0.01	0.54	8.64	0.15	45.78	0.70	2532	128	2526	13.6	42			off crat xeno	Lihir arc	McInnes[2001]
67-1F	44.73	0.01	0.53	8.65	0.14	45.19	0.74	2427	140	3387	9.2	29			off crat xeno	Lihir arc	McInnes[2001]
67DR-1	46.37	0.00	0.92	7.73	0.14	43.76	1.08	2254	107	3088					off crat xeno	Lihir arc	McInnes[2001]
67DR-1C	44.60	0.00	0.76	7.95	0.13	45.77	0.78	2428	117	2287					off crat xeno	Lihir arc	McInnes[2001]
61GTV-1J	44.42	0.00	0.67	8.14	0.14	45.61	1.01	2248	111	2427					off crat xeno	Lihir arc	McInnes[2001]
b7a	45.75	0.03	1.91	7.72	0.15	41.54	1.61								off crat xeno	Batan, Phillipines	Maury[1992]
b3f	46.00	0.02	1.82	7.34	0.13	40.08	1.32								off crat xeno	Batan, Phillipines	Maury[1992]
b100	44.85	0.07	1.25	7.73	0.13	43.35	0.09								off crat xeno	Batan, Phillipines	Maury[1992]
b101	42.60	0.01	1.20	8.28	0.14	44.10	0.19								off crat xeno	Batan, Phillipines	Maury[1992]
b102	43.80	0.03	0.88	8.05	0.14	43.00	0.85								off crat xeno	Batan, Phillipines	Maury[1992]
b110	41.40	0.01	0.60	7.90	0.16	48.00	0.20								off crat xeno	Batan, Phillipines	Maury[1992]

b111		44.83	0.04	1.20	7.61	0.11	43.11	1.33								off crat xeno	Batan, Phillipines	Maury[1992]
56-2a	2.08	45.55	0.01	0.80	8.05	0.13	44.83	0.99	2500	200		3800	26.0	21		off crat xeno	Bismarck, PNG	Franz[2002]
562b	2.14	41.49	0.02	0.41	10.85	0.16	43.63	2.09	1600	220		6300	10.0	53		off crat xeno	Bismarck, PNG	Franz[2002]
54-2h	2.04	40.84	0.02	0.10	9.84	0.15	48.29	0.20								off crat xeno	Bismarck, PNG	Franz[2002]
56-2h	2.07	45.54	0.02	0.90	7.97	0.13	44.42	1.23	2300	160		3600	12.0	54		off crat xeno	Bismarck, PNG	Franz[2002]
56-2p	3.03	44.76	0.02	0.62	8.57	0.13	46.92	0.69	2400	180		2700	8.6	22		off crat xeno	Bismarck, PNG	Franz[2002]
56-2t	4.65	48.87	0.02	0.59	8.41	0.15	44.68	0.62	1600	150		4200	7.9	33		off crat xeno	Bismarck, PNG	Franz[2002]
65R-2/65-74	15.70	44.49	0.01	0.81	8.10	0.17	39.92	6.50		92	0.180		6.0		0.180	0.610	pass margin	Iberia	Seifert[1996]
66R-4/30-40	13.60	42.26	0.06	2.76	8.34	0.13	46.19	0.27		98	0.110		10.0		0.110	0.170	pass margin	Iberia	Seifert[1996]
71R-1/108-113	18.20	41.28	0.01	0.48	7.13	0.11	50.94	0.05		83	0.020		5.0		0.020	0.140	pass margin	Iberia	Seifert[1996]
71R-2/55-60	18.40	40.85	0.01	0.57	7.03	0.10	51.35	0.10		81	0.030		7.0		0.030	0.080	pass margin	Iberia	Seifert[1996]
71R-3/27-36	16.00	41.48	0.02	0.60	6.35	0.11	51.34	0.09		88	0.020		6.0		0.020	0.050	pass margin	Iberia	Seifert[1996]
72R-1/16-23	16.80	41.87	0.02	0.57	7.48	0.12	49.87	0.05		91	0.020		5.0		0.020	0.130	pass margin	Iberia	Seifert[1996]
19R-1/42-44	16.80	40.55	0.04	2.31	7.29	0.11	49.54	0.16		86	0.150		8.0		0.150	0.090	pass margin	Iberia	Seifert[1996]
19R-1/116-120	18.80	38.94	0.11	4.44	4.98	0.11	51.10	0.30		46	0.460		23.0		0.460	0.330	pass margin	Iberia	Seifert[1996]
72R-1/102-112	17.80	41.30	0.01	0.43	7.54	0.11	50.56	0.04									pass margin	Iberia	Seifert[1996]
72R-2/113-123	17.20	41.54	0.01	0.70	7.61	0.11	49.98	0.05									pass margin	Iberia	Seifert[1996]
19R-2/89-98	16.00	40.68	0.06	4.00	6.11	0.12	48.81	0.22									pass margin	Iberia	Seifert[1996]
20R-1/64-71	14.40	42.37	0.02	0.93	8.14	0.11	48.20	0.23									pass margin	Iberia	Seifert[1996]
20R-2/88-94	14.40	42.08	0.02	1.15	8.26	0.11	48.18	0.19									pass margin	Iberia	Seifert[1996]
21R-1/34-39	17.20	41.58	0.02	0.58	7.82	0.11	49.71	0.17									pass margin	Iberia	Seifert[1996]
21R-2/42-48	17.20	41.63	0.01	0.60	7.35	0.11	50.10	0.18									pass margin	Iberia	Seifert[1996]
21R-3/62-68	17.00	41.37	0.02	0.44	7.94	0.12	49.95	0.16									pass margin	Iberia	Seifert[1996]
21R-4/72-78	17.20	41.13	0.01	0.66	7.43	0.11	50.48	0.18									pass margin	Iberia	Seifert[1996]
23R-1/53-58	17.00	40.17	0.02	0.29	8.72	0.11	50.54	0.14									pass margin	Iberia	Seifert[1996]
23R-2/66-72	18.40	40.84	0.03	0.09	8.21	0.13	50.58	0.13									pass margin	Iberia	Seifert[1996]
23R-3/11-17	16.20	42.35	0.02	0.58	7.88	0.12	48.82	0.22									pass margin	Iberia	Seifert[1996]
23R-5/129-137	15.60	42.24	0.01	0.87	8.19	0.12	48.34	0.23									pass margin	Iberia	Seifert[1996]
24R-1/49-55	15.20	39.82	0.04	2.43	8.21	0.12	49.18	0.21									pass margin	Iberia	Seifert[1996]
24R-3/102-108	16.30	40.46	0.01	0.23	8.47	0.12	50.53	0.18									pass margin	Iberia	Seifert[1996]
24R-4/36-42	14.00	40.15	0.01	0.78	8.59	0.13	50.15	0.18									pass margin	Iberia	Seifert[1996]
25R-1/42-47	15.80	41.74	0.01	0.63	7.59	0.12	49.70	0.21									pass margin	Iberia	Seifert[1996]
25R-2/104-110	16.00	41.62	0.01	0.64	7.49	0.12	49.87	0.24									pass margin	Iberia	Seifert[1996]
25R-4/128-134	15.40	41.48	0.01	0.80	7.78	0.12	49.53	0.28									pass margin	Iberia	Seifert[1996]
25R-5/89-95	15.80	41.82	0.01	0.54	7.18	0.11	50.10	0.24									pass margin	Iberia	Seifert[1996]
Z-34	0.79	40.02	0.13	3.70		0.14	39.19	3.06	2043	110	0.400	2500	14.0		0.400	0.750	pass margin	Zabargad	Bonatti[1986]
Z-37	0.79	44.37	0.20	4.01		0.14	38.16	3.29	1891	107	0.415	2270	14.0		0.415	1.190	pass margin	Zabargad	Bonatti[1986]
Z-48	0.73	44.13	0.13	3.66		0.14	39.08	3.03	2035	106	0.376	2506	13.0		0.376	0.990	pass margin	Zabargad	Bonatti[1986]
Z-1353	0.38	45.29	0.15	4.03		0.15	37.02	3.28									pass margin	Zabargad	Bonatti[1986]
Z-1355	0.38	45.85	0.14	3.89		0.15	36.88	3.30									pass margin	Zabargad	Bonatti[1986]
Z-202	0.94	43.50	0.08	2.98		0.13	41.69	2.12	2199	108	0.231	2569	11.0		0.231	0.660	pass margin	Zabargad	Bonatti[1986]
Z-94	0.76	43.89	0.10	3.99		0.13	39.87	2.61	2056	106	0.240	2695	12.0		0.240	0.570	pass margin	Zabargad	Bonatti[1986]
Z-92	0.70	45.31	0.06	4.41		0.13	38.50	2.73	1953	97	0.325	2587	14.0		0.325	0.390	pass margin	Zabargad	Bonatti[1986]
Z-137	0.55	45.63	0.08	5.69		0.14	35.79	3.34									pass margin	Zabargad	Bonatti[1986]
Z-82	1.02	43.61	0.01	3.25		0.14	40.70	2.19	2158	109	0.243	2567	11.0		0.243	0.390	pass margin	Zabargad	Bonatti[1986]
Z-201	0.95	43.36	0.05	3.25		0.13	41.85	1.96	2182	109	0.250	2579	10.0		0.250	0.360	pass margin	Zabargad	Bonatti[1986]
Z-45	0.76	44.40	0.06	3.10		0.12	41.08	2.52	2096	105	0.238	2808	12.0		0.238	0.315	pass margin	Zabargad	Bonatti[1986]
Z-81	1.15	43.22	0.10	4.45		0.14	39.41	2.77	2148	109	0.372	2596	14.0		0.372	0.630	pass margin	Zabargad	Bonatti[1986]
Z-35	0.86	43.32	0.15	3.57		0.16	39.09	2.76	1933	1084	0.430	2529	12.0		0.430	5.200	pass margin	Zabargad	Bonatti[1986]
Z-38	1.10	46.21	0.28	3.06		0.14	32.60	7.83	1500	87	0.396	4329	20.0		0.396	9.740	pass margin	Zabargad	Bonatti[1986]
Z-36	0.95	44.20	0.15	4.13		0.15	37.67	3.13	1824	100	0.261	2516	13.0		0.261	5.270	pass margin	Zabargad	Bonatti[1986]
Z-1348	0.65	45.82	0.15	3.94		0.14	36.62	3.25									pass margin	Zabargad	Bonatti[1986]
Z-1347	0.88	45.90	0.14	3.93		0.15	36.01	3.26									pass margin	Zabargad	Bonatti[1986]
Z-1481	0.49	45.80	0.05	3.88		0.14	38.61	2.77									pass margin	Zabargad	Bonatti[1986]

Z-1346	0.35	47.12	0.15	4.08		0.15	34.64	3.35									pass margin	Zabargad	Bonatti[1986]
Z-204	0.86	43.28	0.04	2.44		0.15	41.21	2.02	1974	107	0.276	2865	11.0		0.276	4.090	pass margin	Zabargad	Bonatti[1986]
Z-205	0.95	43.92	0.06	2.74		0.14	40.20	2.22	1766	100	0.273	2599	11.0		0.273	3.380	pass margin	Zabargad	Bonatti[1986]
Z-1326	0.52	47.13	0.15	4.01		0.13	35.59	3.44									pass margin	Zabargad	Bonatti[1986]
Z-206	0.73	42.13	0.02	1.98		0.14	41.01	3.45	2195	106	0.410	2574	9.0		0.410	13.770	pass margin	Zabargad	Bonatti[1986]
ER-R3/3	4.30	45.30	0.12	3.37	8.01	0.13	40.24	2.66					14.0	68			ophio	N.Apennines	Rampone[1993]
ER-S2/2	4.66	45.03	0.12	3.80	8.01	0.13	39.23	3.42					16.0	78			ophio	N.Apennines	Rampone[1993]
ER-N1/3	2.73	44.74	0.08	3.05	8.21	0.12	41.08	2.45					14.0	59			ophio	N.Apennines	Rampone[1993]
ER-N1/2	1.76	44.14	0.14	3.40	8.44	0.13	40.34	3.14					16.0	74			ophio	N.Apennines	Rampone[1993]
ER-N1/4	3.92	44.83	0.13	3.68	8.39	0.12	39.58	3.00					15.0	72			ophio	N.Apennines	Rampone[1993]
F2/1	1.59	44.23	0.04	1.96	8.29	0.12	43.50	1.82	2113	110		2698	13.0	54			ophio	Int. Liguride, N. Italy	Rampone[1993]
F2/3	0.00	44.52	0.04	2.40	7.97	0.12	42.52	2.40	2096	122		2703	15.0	69			ophio	Int. Liguride, N. Italy	Rampone[1993]
F1/1	0.00	44.35	0.04	2.16	8.08	0.12	42.87	2.35	2101	111		3014	15.0	69			ophio	Int. Liguride, N. Italy	Rampone[1993]
ER-F1/5	0.61	44.08	0.04	2.06	8.25	0.12	43.36	2.06	2103	95		2702	13.0	59			ophio	Int. Liguride, N. Italy	Rampone[1993]
F2/2	1.50	44.34	0.04	2.24	8.27	0.12	42.64	2.29	2148	109		3009	14.0	62			ophio	Int. Liguride, N. Italy	Rampone[1993]
F/3	1.86	44.16	0.04	1.81	8.35	0.13	43.90	1.58	2028	97		2144	12.0	50			ophio	Int. Liguride, N. Italy	Rampone[1993]
ER-F1/1	1.94	44.49	0.05	2.43	8.14	0.12	42.43	2.26	1914	107		2950	14.0	64			ophio	Int. Liguride, N. Italy	Rampone[1993]
ER-F1/3	0.27	44.30	0.04	2.14	8.19	0.12	43.24	1.93	2387	112		3016	14.0	65			ophio	Int. Liguride, N. Italy	Rampone[1993]
ER-F1/2	1.55	44.40	0.05	2.18	8.22	0.12	42.47	2.49	2150	103		3200	15.0	67			ophio	Int. Liguride, N. Italy	Rampone[1993]
ER-F1/4	2.38	44.49	0.04	2.21	8.13	0.13	42.71	2.28	2191	113		3697	13.0	68			ophio	Int. Liguride, N. Italy	Rampone[1993]
ch2	9.52	44.22	0.01	0.71	8.48	0.13	45.7785	0.67	2360	107		3440		41			ophio	Trinity	Gruau[1998]
ch6	8.58	43.38	0.01	0.83	7.41	0.11	47.5962	0.65	2110	103		2540		32			ophio	Trinity	Gruau[1998]
ch8	7.45	44.35	0.03	2.28	7.65	0.12	43.3632	2.20	1990	102		3010		54			ophio	Trinity	Gruau[1998]
ko92	12.5	47.01	0.02	1.14	7.60	0.09	43.9792	0.15	1950	93		2140		29			ophio	Trinity	Gruau[1998]
cl63	9.85	44.79	0.05	1.86	7.82	0.12	44.001	1.36	2020	104		2710		44			ophio	Trinity	Gruau[1998]
cl92	10.6	45.36	0.34	2.04	7.65	0.11	43.0906	1.41	1980	99		3120		46			ophio	Trinity	Gruau[1998]
tl42	16.4	43.97	0.04	0.76	8.06	0.13	45.0668	1.97	1660	82		2350		32			ophio	Trinity	Gruau[1998]
tl45	6.82	44.25	0.10	2.45	8.40	0.14	42.067	2.59	2030	102		2550		59			ophio	Trinity	Gruau[1998]
rm14	4	45.06	0.03	1.25	8.03	0.14	44.5275	0.96	2210	108		3240		39			ophio	Trinity	Gruau[1998]
gu1	6.37	45.26	0.13	3.46	8.36	0.14	39.8108	2.84	1840	99		2460		68			ophio	Trinity	Gruau[1998]
720	0.83	43.89	0.00	0.03	6.75	0.11	49.17	0.04	3				3.0	8			ophio	Papua,New Guinea	Jaques[1980]
715	0.91	44.07	0.00	0.06	6.75	0.11	48.97	0.03	3				3.0	9			ophio	Papua,New Guinea	Jaques[1980]
716	0.78	43.90	0.00	0.04	6.80	0.12	49.10	0.03	3				3.0	8			ophio	Papua,New Guinea	Jaques[1980]
714	1.26	43.92	0.00	0.05	7.31	0.12	48.55	0.04	3				4.0	9			ophio	Papua,New Guinea	Jaques[1980]
DC00.12	16.9	42.8021	0.01	1.12	9.21	0.17	44.66	0.12	2316	94	0.189	2802	16.8		0.189	0.202	ophio	Laberge	Canil[2006]
DC00.12	16.9	42.8021	0.01	1.12	9.21	0.17	44.66	0.12	1903	78	0.108	2325	13.9		0.108	0.169	ophio	Laberge	Canil[2006]
DC00.13	18.1	42.7699	0.02	0.99	8.59	0.13	45.31	0.18	1656	74	0.057	1869	7.7		0.057	0.055	ophio	Laberge	Canil[2006]
DC00.13	18.1	42.7699	0.02	0.99	8.59	0.13	45.31	0.18	2041	91	0.072	2295	9.5		0.072	0.068	ophio	Laberge	Canil[2006]
1-BU-66	1.89	44.37	0.01	1.12	6.75	0.13	46.73	0.89									ophio	Burro Mtn	Loney[1971]
4-BU-66	3.68	44.69	0.01	0.80	6.43	0.13	47.41	0.53									ophio	Burro Mtn	Loney[1971]
8-BU-66	2.52	44.97	0.01	0.81	6.48	0.13	47.40	0.21									ophio	Burro Mtn	Loney[1971]
10-BU-66	1.42	45.20	0.01	0.95	6.51	0.12	46.45	0.75									ophio	Burro Mtn	Loney[1971]
11-BU-66	2.39	44.67	0.01	0.98	6.59	0.13	46.86	0.76									ophio	Burro Mtn	Loney[1971]
13-BU-66	2.03	44.71	0.02	0.98	6.52	0.13	47.07	0.57									ophio	Burro Mtn	Loney[1971]
16-BU-66	1.28	44.12	0.01	0.72	7.08	0.12	47.62	0.33									ophio	Burro Mtn	Loney[1971]
18-BU-66	0.7	44.78	0.02	1.36	7.25	0.13	45.58	0.87									ophio	Burro Mtn	Loney[1971]
TOAD15	11.43	39.38	0.02	0.73	7.24	0.11	39.26	0.90	2287		0.035	2360			0.035		ophio	Trinity	Gruau,[1991]
TOAD19	7.90	41.34	0.10	2.64	7.45	0.11	37.21	2.29	2049		0.297	2318			0.297	0.105	ophio	Trinity	Gruau,[1991]
TOAD35	7.09	42.95	0.04	1.17	7.81	0.13	37.64	2.23	2165		0.104	2847			0.104	0.026	ophio	Trinity	Gruau,[1991]
TOAD40	6.76	41.36	0.10	2.56	7.70	0.12	38.00	2.42	2090		0.227	2452			0.227	0.105	ophio	Trinity	Gruau,[1991]
1	0.41	44.62	0.02	0.85	7.29	0.11	45.30	0.51									ophio	East Timor	Berry[1981]
2	0.96	44.94	0.02	0.88	7.93	0.14	43.43	0.69									ophio	East Timor	Berry[1981]
4	1.09	43.93	0.05	2.33	8.19	0.14	41.03	2.20									ophio	East Timor	Berry[1981]
6	0.59	43.52	0.08	2.58	8.08	0.13	41.61	2.32									ophio	East Timor	Berry[1981]

7	0.69	44.21	0.09	3.03	8.56	0.15	39.69	2.53								ophio	East Timor		Berry[1981]
8	0.50	44.54	0.10	3.06	8.05	0.14	39.82	2.74								ophio	East Timor		Berry[1981]
9	2.05	43.39	0.09	3.09	8.13	0.14	38.92	3.06								ophio	East Timor		Berry[1981]
10	1.07	44.13	0.10	3.16	8.21	0.13	39.10	3.02								ophio	East Timor		Berry[1981]
12	0.45	45.21	0.15	4.43	7.67	0.14	36.59	4.14								ophio	East Timor		Berry[1981]
2001OL1	9.82	43.98	0.01	0.65	7.91	0.13	46.68	0.63	2257	61	0.021	2516	36	0.021	0.005	ophio	Oman	Coogan unpublished	unpublishe
2001OL2	10.93	44.87	0.01	0.61	8.09	0.14	45.41	0.87	2195	62		2322	35			ophio	Oman	Coogan unpublished	
2001OL3	11.16	43.97	0.01	0.58	8.21	0.14	46.36	0.74	2265	64		1942	29			ophio	Oman	Coogan unpublished	
2001OL4	9.43	43.61	0.01	0.61	7.99	0.14	46.97	0.67	2278	63		2752	30			ophio	Oman	Coogan unpublished	
2001OL15	10.38	44.41	0.01	0.54	8.13	0.13	46.07	0.71	2325	63		2094	34			ophio	Oman	Coogan unpublished	
2001OL17	7.77	44.35	0.02	0.91	8.14	0.13	45.69	0.75	2234	64	0.043	2476	40	0.043	0.004	ophio	Oman	Coogan unpublished	
2001OL18	9.08	43.51	0.01	0.75	8.25	0.13	46.73	0.61	2369	65		2167	27			ophio	Oman	Coogan unpublished	
2001OL20	7.36	44.70	0.02	0.92	7.88	0.14	45.21	1.12	2164	61		2681	44			ophio	Oman	Coogan unpublished	
2001OL21	7.55	44.48	0.02	0.47	8.14	0.14	46.05	0.70	2272	64		2418	31			ophio	Oman	Coogan unpublished	
2001OL22	7.29	45.36	0.02	1.04	8.02	0.14	44.27	1.15	2158	63	0.053	3066	48	0.053	0.002	ophio	Oman	Coogan unpublished	
2001OL24	7.68	44.07	0.02	0.65	8.29	0.14	46.16	0.67	2310	65		2223	36			ophio	Oman	Coogan unpublished	
2001OL25	7.14	44.51	0.02	0.85	8.48	0.15	45.02	0.98	2217	65		2320	41			ophio	Oman	Coogan unpublished	
2001OL26	8.07	43.82	0.01	0.77	7.80	0.13	46.68	0.78	2313	63		2401	32			ophio	Oman	Coogan unpublished	
2001OL27	8.42	44.37	0.02	0.85	8.05	0.14	45.41	1.16	2183	63		2871	45			ophio	Oman	Coogan unpublished	
2001OL28	9.06	44.66	0.02	0.86	8.04	0.14	45.43	0.86	2191	62	0.042	2367	45	0.042	0.002	ophio	Oman	Coogan unpublished	
2001OL29	9.83	44.38	0.01	0.76	8.06	0.14	45.46	1.20	2194	62		2224	43			ophio	Oman	Coogan unpublished	
2001OL30	8.35	44.18	0.02	0.75	7.90	0.13	46.31	0.69	2214	62	0.028	1948	32	0.028	0.005	ophio	Oman	Coogan unpublished	
2001OL31	7.38	45.38	0.01	0.90	8.05	0.14	43.85	1.67	2091	63		2650	53			ophio	Oman	Coogan unpublished	
2001OL32	8.46	43.53	0.01	0.59	8.11	0.13	46.85	0.76	2326	64		2367	32			ophio	Oman	Coogan unpublished	
2001OL33	8.59	40.01	0.01	0.37	9.39	0.15	49.77	0.30	2497	75		2542	17			ophio	Oman	Coogan unpublished	
2001OL34	7.00	45.01	0.01	0.80	7.77	0.13	45.40	0.88	2213	62		2649	41			ophio	Oman	Coogan unpublished	
2001OL35	8.69	44.73	0.01	0.59	7.92	0.14	45.60	1.02	2281	62	0.021	2375	31	0.021	0.002	ophio	Oman	Coogan unpublished	
2001OL37	11.35	45.89	0.01	0.67	8.01	0.13	44.58	0.69	2270	61		2417	32			ophio	Oman	Coogan unpublished	
2001OL39	7.89	42.74	0.01	0.58	8.53	0.14	46.62	1.37	2300	66		2623	34			ophio	Oman	Coogan unpublished	
2001OL40	8.12	44.11	0.02	0.75	8.35	0.14	45.74	0.90	2296	65		2602	39			ophio	Oman	Coogan unpublished	
2001OL41	9.01	43.98	0.02	0.73	7.03	0.12	47.56	0.56	2278	58		2126	27			ophio	Oman	Coogan unpublished	
2001OL42	8.08	44.26	0.02	0.75	8.28	0.14	45.83	0.73	2330	64		2517	35			ophio	Oman	Coogan unpublished	
2001OL42B	7.62	44.64	0.01	0.76	8.29	0.14	45.42	0.74	2293	66	0.035	2582	38	0.035	0.006	ophio	Oman	Coogan unpublished	
2001OL43	8.08	44.26	0.01	0.68	7.97	0.13	46.08	0.87	2327	64		2383	36			ophio	Oman	Coogan unpublished	
2001OL44	11.54	40.87	0.01	0.13	8.48	0.14	50.08	0.29	2512	67		2458	13			ophio	Oman	Coogan unpublished	
2001OL45	9.35	43.22	0.01	0.31	8.21	0.14	47.61	0.50	2330	64		2209	26			ophio	Oman	Coogan unpublished	
2001OL46	8.99	43.26	0.01	0.58	8.08	0.14	47.49	0.45	2382	64		1958	31			ophio	Oman	Coogan unpublished	
2001OL47	9.27	44.09	0.02	0.92	7.74	0.13	46.05	1.04	2218	61		2177	38			ophio	Oman	Coogan unpublished	
GS01-044	12.03	44.45	0.03	0.80	8.49	0.131	45.37	0.50	2226	118		2565				ophio	American Ck., Alaska	Canil[2006]	
GS01-048	9.82	44.35	0.03	1.09	8.30	0.131	44.99	0.99	2253	113	0.047	3377	11.81	47	0.047	0.049	ophio	American Ck., Alaska	Canil[2006]
GS01-050	7.29	43.52	0.04	0.85	8.54	0.141	46.35	0.45	2371	121	0.042	2681	8.47	33	0.042	0.237	ophio	American Ck., Alaska	Canil[2006]
GS01-058	8.03	43.90	0.03	0.96	8.49	0.149	44.56	1.70	2187	119	0.055	2635	11.70	48	0.055	0.012	ophio	American Ck., Alaska	Canil[2006]
GS01-066	5.59	44.41	0.03	1.12	7.98	0.132	44.93	1.20	2254	IS	0.069	2462	11.05	41	0.069	0.009	ophio	American Ck., Alaska	Canil[2006]
GS01-067	7.35	44.31	0.03	1.01	7.92	0.130	45.25	1.16	2257	115	0.062	2450	9.92	38	0.062	0.016	ophio	American Ck., Alaska	Canil[2006]
GS01-068	6.37	44.11	0.03	1.01	7.87	0.127	45.82	0.89	2321	118	0.061	2534	11.04	38	0.061	0.009	ophio	American Ck., Alaska	Canil[2006]
GS01-071	13.57	44.05	0.02	0.74	8.24	0.126	46.48	0.24	2232	115	0.040	2119	9.82	36	0.040	0.088	ophio	American Ck., Alaska	Canil[2006]
DC0212	7.08	45.06	0.01	0.98	7.7	0.12	44.81	0.95	2319		0.048	4151	10.62	46	0.048	0.01	ophio	Donjek, Yukon	Canil[2006]
DC0214	6.42	45.89	0.01	0.96	8.41	0.13	43.48	1.08	2306		0.038	3913	13.05	55	0.038	0.02	ophio	Donjek, Yukon	Canil[2006]
DC0216	9.35	45.76	0.01	0.93	8.35	0.13	44.01	0.76	2314		0.032	3901	11.76	46	0.032	0.01	ophio	Donjek, Yukon	Canil[2006]
DC0225	7.42	45.27	0.01	1.01	8.29	0.12	43.98	1.23	2385		0.076	6249	13.42	68	0.076	0.02	ophio	Donjek, Yukon	Canil[2006]
DC0228	6.82	43.63	0.01	0.68	8.31	0.13	46.23	0.96	2405		ud	3792	10.64	42	ud	0.01	ophio	Donjek, Yukon	Canil[2006]
DC0213	8.63	44.17	0.01	0.78	8.38	0.12	45.17	1.23	2380			3410					ophio	Donjek, Yukon	Canil[2006]
DC0215	7.97	44.17	0.01	0.85	8.33	0.13	45.62	0.83	2314			3473					ophio	Donjek, Yukon	Canil[2006]
DC0217	7.37	43.93	0.01	0.70	8.25	0.13	46.06	0.87	2437			3188					ophio	Donjek, Yukon	Canil[2006]

DC0218	7.46	44.19	0.01	0.86	8.3	0.12	45.63	0.84	2357			3944					ophio	Donjek, Yukon	Canil[2006]
DC0219	6.72	44.06	0.02	0.75	8.36	0.12	45.78	0.85	2439			3648					ophio	Donjek, Yukon	Canil[2006]
DC0220	5.88	44.38	0.01	0.84	8.36	0.13	45.33	0.91	2355			3992					ophio	Donjek, Yukon	Canil[2006]
DC0221	5.37	43.79	0.01	0.84	8.41	0.13	45.81	0.91	2458		0.017	5236	9.30	42	0.017	0.07	ophio	Donjek, Yukon	Canil[2006]
DC0222	5.82	44.16	0.02	0.84	8.4	0.13	45.53	0.9	2399			3999					ophio	Donjek, Yukon	Canil[2006]
DC0223	5.8	44.75	0.01	0.86	8.1	0.13	45	1.06	2355			3988					ophio	Donjek, Yukon	Canil[2006]
DC0224	5.4	43.37	0.01	0.64	8.45	0.13	46.63	0.75	2529		0.004	3215	8.18	32	0.004	0.07	ophio	Donjek, Yukon	Canil[2006]
DC0226	8.33	45.60	0.01	0.87	8.46	0.13	44.04	0.85	2400			4867					ophio	Donjek, Yukon	Canil[2006]
DC0227	6.85	43.50	0.01	0.70	8.38	0.12	46.41	0.79	2447			3978					ophio	Donjek, Yukon	Canil[2006]
DC0229	6.72	44.16	0.01	0.86	8.28	0.12	45.54	0.9	2364		0.006	5182	9.76	45	0.006	0.07	ophio	Donjek, Yukon	Canil[2006]
DC0230	5.87	45.00	0.01	0.81	8.6	0.13	44.47	0.89	2457			4173					ophio	Donjek, Yukon	Canil[2006]
DC-0310		44.19	0.02	1.39	8.840	0.12	43.25	2.080	2296		0.110	4769	17.03	75	0.110	0.01	ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0312	3.87	44.62	0.02	1.85	8.840	0.12	42.90	1.970	2285		0.134	4506	15.69	77	0.134	0.02	ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0313		45.07	0.03	1.88	8.800	0.12	42.43	1.690	2211		0.115	4398	15.49	76	0.115	0.01	ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0313dupl											0.114		14.03	75	0.114	0.01	ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0315	0.7	43.75	0.02	1.71	8.970	0.12	43.32	1.920	2325		0.098	4176	15.70	72	0.098	0.01	ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0315											0.090		3.49	63	0.090	0.06	ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0324	0.45	44.10	0.01	0.45	8.770	0.12	46.11	0.560	2557		0.035	4702	8.79	36	0.035	0.01	ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0324											0.010		8.01	29	0.010	0.07	ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0325	1.42	43.92	0.02	1.71	9.05	0.12	43.33	1.74	2337		0.110	4240	14.35	71	0.110	0.01	ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0325											0.093		12.63	61	0.093	0.07	ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0316	0.25	43.44	0.02	1.37	9.140	0.12	44.28	1.500	2409			4143					ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0317	4.87	41.13	0.01	0.06	8.540	0.11	49.99	0.070	2887			5132					ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0319	2.29	43.06	0.02	1.34	9.140	0.12	44.58	1.630	2479			4280					ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0322	0.69	42.18	0.02	0.93	9.660	0.13	46.31	1.120	2628		0.030	4175	9.04	39	0.030	0.06	ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0326	4.18	43.56	0.03	1.80	9.03	0.12	43.35	1.81	2277			4117					ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0327		44.01	0.02	1.57	8.83	0.12	43.47	1.78	2299			4547					ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0330	6.65	43.54	0.02	1.66	9.08	0.13	43.28	1.85	2380			3969					ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0331	6.85	43.45	0.02	1.14	9.27	0.12	45.68	0.86	2444		0.037	3025	8.25	37	0.037	0.08	ophio	Peridotite Peak, British Columbia	Canil[2006]
DC-0332	8.18	42.93	0.02	1.27	9.7	0.13	44.51	1.31	2523			3604					ophio	Peridotite Peak, British Columbia	Canil[2006]
DC0202	10.54	43.56	0.01	0.53	8.250	0.13	46.59	0.80	2352			3513					ophio	Hard Luck Peak, British Columbia	Canil[2006]
DC0205	8.11	43.41	0.01	0.52	8.860	0.13	46.30	0.71	2364		0.001	3044	7.97	32	0.001	0.06	ophio	Hard Luck Peak, British Columbia	Canil[2006]
DC0206	4.59	45.48	0.01	0.78	8.13	0.12	44.23	1.09	2332		0.018	4362	10.75	44	0.018	0.08	ophio	Hard Luck Peak, British Columbia	Canil[2006]
DC-0303	8.44	45.81	0.01	0.91	8.540	0.16	43.01	1.270	2355		0.011	4820	11.26	47	0.011	0.09	ophio	Hard Luck Peak, British Columbia	Canil[2006]
DC-0304	10.7	43.10	0.03	0.45	9.350	0.13	46.13	0.590	2572		0.044	4488	8.95	37	0.044	0.11	ophio	Hard Luck Peak, British Columbia	Canil[2006]
DC-0305	12.3	44.58	0.01	0.78	9.360	0.13	43.36	0.890	2675			4524					ophio	Hard Luck Peak, British Columbia	Canil[2006]
DC-0307	10.7	43.36	0.01	0.66	8.770	0.12	46.19	0.840	2549		0.010	4471	9.29	35	0.010	0.06	ophio	Hard Luck Peak, British Columbia	Canil[2006]
GS01-126	12.62	45.91	0.03	1.61	7.79	0.120	43.30	1.13	2038	103	0.073	2141	13.13	57	0.073	0.007	ophio	nahlin	Canil[2006]
DC-0335	8.6	43.04	0.02	1.02	8.92	0.12	45.51	1.23	2496		0.110	4025			0.110	0.02	ophio	Yeth Ck. British Columbia	Canil[2006]
DC-0336	11	45.14	0.02	1.40	9.32	0.13	41.49	1.54	2558		0.106	4593			0.106	0.01	ophio	Yeth Ck. British Columbia	Canil[2006]
DC-0337	11.7	43.85	0.01	0.67	9.09	0.12	45.22	0.93	2563		0.073	3930			0.073	0.08	ophio	Yeth Ck. British Columbia	Canil[2006]
DC-0338	10.1	42.61	0.01	0.67	9.11	0.12	46.08	0.77	2594		0.005	4968			0.005	0.007	ophio	Yeth Ck. British Columbia	Canil[2006]
DC-0339	9.67	43.60	0.01	0.74	8.81	0.12	46.08	0.89	2534		0.028	4219			0.028	0.007	ophio	Yeth Ck. British Columbia	Canil[2006]
DC-0345	4.57	43.35	0.02	1.15	8.77	0.12	44.89	1.31	2415		0.029	4437			0.029	0.006	ophio	Yeth Ck. British Columbia	Canil[2006]
GS-01-141	8.26	43.51	0.02	1.18	8.17	0.12	45.73	1.17	2384		0.033	3450	10.69	50	0.033	0.010	ophio	Atlin, British Columbia	Canil[2006]
GS-01-144	5.49	44.44	0.02	1.50	8.26	0.13	43.99	1.63	2317		0.045	3771	11.69	59	0.045	0.062	ophio	Atlin, British Columbia	Canil[2006]
GS-01-144													11.66	53			ophio	Atlin, British Columbia	Canil[2006]
GS01-105	18.46	42.12	0.02	0.21	8.18	0.095	49.24	0.03	2318	112		2856	3.93	7			ophio	Atlin, British Columbia	Canil[2006]
GS01-110	11.87	44.99	0.02	0.80	8.12	0.133	45.06	0.78	2142	114		2642	10.38	35			ophio	Atlin, British Columbia	Canil[2006]
GS01-114	11.96	44.37	0.02	0.73	7.88	0.122	45.95	0.82	2144	IS	0.012	2144	9.65	39	0.012	0.013	ophio	Atlin, British Columbia	Canil[2006]
GS01-124	12.02	46.37	0.02	0.75	7.61	0.125	43.87	1.13	1956	100		2157	8.01	30			ophio	Atlin, British Columbia	Canil[2006]
GS01-125	12.88	47.27	0.03	1.36	8.10	0.128	42.52	0.50	2102	111		2508	10.50	37			ophio	Atlin, British Columbia	Canil[2006]
GS-01-138	11.4	42.08	0.02	0.43	9.27	0.14	47.49	0.51	2565			1966					ophio	Atlin, British Columbia	Canil[2006]
GS-01-139	14.8	44.60	0.02	1.27	8.3	0.11	44.16	1.5	2119			3488					ophio	Atlin, British Columbia	Canil[2006]

GS-01-145	9.92	44.37	0.02	1.49	8.3	0.13	44.01	1.6	2194			3930					ophio	Atlin, British Columbia	Canil[2006]
GS01-136	14.01	43.68	0.02	0.52	7.65	0.122	47.65	0.26	2191	119		2957	7.18	25			ophio	Atlin, British Columbia	Canil[2006]
GS01-001	10.47	44.79	0.02	0.26	8.26	0.133	46.03	0.40	2309	124	0.008	2587	9.06	21	0.008	0.023	ophio	Pinchi, British Columbia	Canil[2006]
GS01-002	14.15	41.53	0.02	0.12	8.17	0.123	49.75	0.15	2451	130		2914					ophio	Pinchi, British Columbia	Canil[2006]
GS01-003	14.51	43.71	0.02	0.28	8.15	0.128	47.33	0.22	2221	122	0.005	2837	7.88	25	0.005	0.008	ophio	Pinchi, British Columbia	Canil[2006]
GS01-004	15.20	46.05	0.02	0.52	8.35	0.131	44.67	0.17	2154	123		2146					ophio	Pinchi, British Columbia	Canil[2006]
GS-01-3	14.7	43.28	0.01	0.30	8.19	0.12	47.84	0.21	2311		ud	3897	6.85	27	ud	0.08	ophio	Pinchi, British Columbia	Canil[2006]
DC00.12	16.9	42.80	0.01	1.12	9.21	0.17	44.66	0.12			0.189		16.84	64	0.189	0.202	ophio	Laberge, Yukon	Canil[2006]
DC00.12dupl	16.9	42.80	0.01	1.12	9.21	0.17	44.66	0.12			0.108		13.94	53	0.108	0.169	ophio	Laberge, Yukon	Canil[2006]
DC00.13	18.1	42.77	0.02	0.99	8.59	0.13	45.31	0.18			0.057		7.72	35	0.057	0.055	ophio	Laberge, Yukon	Canil[2006]
DC00.13dupl	18.1	42.77	0.02	0.99	8.59	0.13	45.31	0.18			0.072		9.50	43	0.072	0.068	ophio	Laberge, Yukon	Canil[2006]
GS01-033	12.97	47.68	0.03	0.70	7.98	0.079	43.38	0.04	2204	IS	0.030	2553	9.96	34	0.030	0.044	ophio	Livengood, Alaska	Canil[2006]
GS01-037	13.14	46.27	0.02	0.74	8.22	0.082	44.49	0.02	2334	113	0.014	2434	10.46	35	0.014	0.017	ophio	Livengood, Alaska	Canil[2006]
GS01-040	13.02	46.27	0.02	0.69	8.31	0.134	44.44	0.04	2251	IS	0.014	2655	10.34	33	0.014	0.004	ophio	Livengood, Alaska	Canil[2006]
MAN 01	9.89	44.63	0.02	1.13	8.13	0.13	42.96	2.12			0.065				0.065	0.008	ophio	Oman	Godard[2000]
MAN 03	9.42	44.32	0.02	1.06	8.20	0.13	44.1	1.23			0.054				0.054	0.018	ophio	Oman	Godard[2000]
MAN 06	10.1	43.71	0.01	0.71	8.27	0.13	45.51	0.68			0.029				0.029	0.017	ophio	Oman	Godard[2000]
MAN 07	8.75	44.69	0.01	0.64	7.94	0.13	44.85	0.75			0.017				0.017	0.004	ophio	Oman	Godard[2000]
MAN 08	10	44.48	0.01	0.65	8.00	0.12	45.26	0.59									ophio	Oman	Godard[2000]
MAN 09	9.16	44.93	0.01	0.74	8.06	0.13	44.16	1.08			0.023				0.023	0.026	ophio	Oman	Godard[2000]
MAN 10	6.99	45.48	0.01	0.93	7.75	0.13	43.59	1.19			0.039				0.039	0.010	ophio	Oman	Godard[2000]
MAN 11	9.14	43.19	0.01	0.79	7.86	0.12	46.52	0.61			0.025				0.025	0.012	ophio	Oman	Godard[2000]
MAN 13	7.56	44.19	0.01	0.74	8.13	0.13	45.06	0.77			0.021				0.021	0.136	ophio	Oman	Godard[2000]
MAN 14	7.81	44.62	0.01	0.66	8.07	0.13	44.84	0.75			0.024				0.024	0.009	ophio	Oman	Godard[2000]
MAN 20	7.79	43.85	0.02	0.94	8.24	0.13	44.72	1.15									ophio	Oman	Godard[2000]
MAN 23	4.35	43.73	0.01	1.03	8.20	0.14	44.78	1.23			0.057				0.057	0.027	ophio	Oman	Godard[2000]
MAN 25	7.49	43.72	0.01	0.65	7.98	0.13	45.89	0.7			0.024				0.024	0.001	ophio	Oman	Godard[2000]
MAN 27	0.72	43.45	0.01	0.89	7.91	0.13	45.89	0.81									ophio	Oman	Godard[2000]
MAN 28	7.43	43.7	0.01	0.81	8.17	0.13	45.22	1.02									ophio	Oman	Godard[2000]
MAN 30	15.7	43.57	0.01	0.81	7.14	0.13	46.41	1.12									ophio	Oman	Godard[2000]
MAN 32	8.26	43.83	0.02	1.35	8.38	0.13	43.83	1.56			0.083				0.083	0.019	ophio	Oman	Godard[2000]
MAN 33	0.27	44.91	0.02	1.51	7.98	0.14	42.89	1.66			0.069				0.069	0.001	ophio	Oman	Godard[2000]
MAN 34	3.27	43.82	0.01	1.04	7.90	0.12	44.96	1.26			0.049				0.049	0.001	ophio	Oman	Godard[2000]
MAN 35	5.96	44.95	0.01	1.28	8.12	0.14	43.02	1.61			0.064				0.064		ophio	Oman	Godard[2000]
MAN 37	4.09	44.08	0.01	1.05	8.22	0.14	44.34	1.29			0.050				0.050	0.007	ophio	Oman	Godard[2000]
MAN 39	6.79	44.46	0.01	0.82	7.87	0.13	44.79	0.99			0.022				0.022	0.004	ophio	Oman	Godard[2000]
MAN 40	8.36	43.94	0.01	0.63	8.27	0.13	45.26	0.82			0.020				0.020	0.013	ophio	Oman	Godard[2000]
MAN 41	-0.17	46.41	0.01	0.98	7.74	0.14	42.38	1.45			0.040				0.040	0.041	ophio	Oman	Godard[2000]
MAN 42	0.13	43.7	0.01	0.59	8.28	0.13	45.72	0.68			0.041				0.041	0.003	ophio	Oman	Godard[2000]
MAN 44	5.6	44.96	0.01	0.69	8.05	0.14	44.21	0.81			0.016				0.016	0.027	ophio	Oman	Godard[2000]
MAN 48	6.48	44.04	0.01	0.67	7.62	0.12	46.09	0.62			0.025				0.025	0.005	ophio	Oman	Godard[2000]
MAN 50	1.39	43.3	0.01	0.53	8.11	0.13	46.36	0.67			0.025				0.025	0.004	ophio	Oman	Godard[2000]
MAN 55	1.24	43.53	0.01	0.52	8.14	0.13	45.98	0.86			0.017				0.017	0.007	ophio	Oman	Godard[2000]
MAN 56	9.36	42.25	0.01	0.69	7.96	0.12	47.26	0.78			0.025				0.025	0.008	ophio	Oman	Godard[2000]
MAN 57	11.4	45.83	0.01	0.86	8.00	0.13	43.32	0.81			0.029				0.029	0.005	ophio	Oman	Godard[2000]
MAN 58	9.02	43.58	0.01	0.49	8.09	0.13	46.12	0.55			0.014				0.014	0.005	ophio	Oman	Godard[2000]
MAN 59	5.05	43.56	0.01	0.72	8.04	0.13	45.68	0.89			0.016				0.016	0.003	ophio	Oman	Godard[2000]
MAN 60	0.07	42.44	0.01	0.6	8.23	0.14	46.56	1.08			0.021				0.021	0.009	ophio	Oman	Godard[2000]
MAN 62	8.48	43.01	0.01	0.69	8.18	0.13	45.88	1.17			0.030				0.030	0.001	ophio	Oman	Godard[2000]
MAN 63	11.5	43.42	0.01	0.65	8.03	0.12	46.01	0.83			0.022				0.022	0.007	ophio	Oman	Godard[2000]
MAN 67	9.24	44.71	0.02	1.29	7.63	0.12	43.83	1.51			0.067				0.067	0.004	ophio	Oman	Godard[2000]
MAN 68	9.1	42.52	0.01	0.93	8.05	0.12	46.5	0.95			0.037				0.037	0.005	ophio	Oman	Godard[2000]
MAN 70	11.1	43.43	0.01	0.56	8.11	0.12	46.25	0.56			0.016				0.016	0.004	ophio	Oman	Godard[2000]
MAN 72	7.71	43.84	0.01	0.87	7.67	0.13	45.46	1.15			0.037				0.037	0.008	ophio	Oman	Godard[2000]

MAN 73	10.4	41.8	0.01	0.46	8.15	0.12	48.06	0.48	0.021	0.021	0.004	ophio	Oman	Godard[2000]
MAN 77	8.3	41.6	0.02	1.57	8.21	0.13	45.98	1.54	0.090	0.090	0.011	ophio	Oman	Godard[2000]
MAN 78	8.5	43.76	0.01	0.71	8.20	0.13	45.41	0.85	0.024	0.024	0.005	ophio	Oman	Godard[2000]
MAN 79	0.35	44.57	0.02	1.25	7.80	0.13	44.27	1.05	0.048	0.048	0.003	ophio	Oman	Godard[2000]
MAN 80	8.86	44.09	0.03	1.88	8.14	0.13	43.1	1.67	0.125	0.125	0.004	ophio	Oman	Godard[2000]
MAN 81	9.14	44.9	0.01	0.94	8.06	0.13	43.91	1.12	0.037	0.037	0.001	ophio	Oman	Godard[2000]
MAN 82	6.39	46.46	0.01	0.93	7.49	0.13	43.04	1.09	0.025	0.025	0.002	ophio	Oman	Godard[2000]
MAN 83	10.8	43.3	0.02	0.75	8.09	0.12	46.11	0.66	0.032	0.032	0.011	ophio	Oman	Godard[2000]
MAN 84	11.5	44.14	0.01	0.72	7.94	0.12	45.28	0.86	0.022	0.022	0.011	ophio	Oman	Godard[2000]
MAN 85	12.1	43.4	0.01	0.63	8.17	0.13	46.37	0.37	0.019	0.019	0.010	ophio	Oman	Godard[2000]
MAN 86	11.9	43.05	0.01	0.68	7.88	0.13	46.94	0.52	0.027	0.027		ophio	Oman	Godard[2000]
MAN 89	12.3	42.52	0.01	0.5	8.12	0.13	47.2	0.58	0.015	0.015	0.003	ophio	Oman	Godard[2000]
MAN 92	11.8	43.33	0.01	0.68	7.97	0.13	46.31	0.7	0.025	0.025	0.002	ophio	Oman	Godard[2000]
MAN 93	12.5	42.57	0.01	0.47	8.08	0.13	47.32	0.49	0.016	0.016	0.003	ophio	Oman	Godard[2000]
MAN 94	10.2	43.86	0.01	0.79	8.12	0.13	45.44	0.75	0.038	0.038	0.001	ophio	Oman	Godard[2000]
MAN 95	10.8	43.9	0.02	1.47	7.96	0.14	43.9	1.7	0.094	0.094	0.009	ophio	Oman	Godard[2000]
MAN 96	8.35	43.36	0.01	0.71	8.29	0.13	45.67	0.85	0.023	0.023	0.004	ophio	Oman	Godard[2000]
MAN 98	8.91	42.83	0.01	0.77	8.11	0.13	46.15	1.07	0.028	0.028	0.003	ophio	Oman	Godard[2000]
MAN 99	4.48	44.89	0.01	0.89	8.17	0.14	43.94	1.04	0.031	0.031	0.004	ophio	Oman	Godard[2000]
MAN 101	7.19	44.03	0.01	0.84	7.88	0.13	45.11	1.09	0.036	0.036	0.004	ophio	Oman	Godard[2000]
MAN 103	6.38	43.04	0.01	0.45	8.13	0.13	46.59	0.72	0.014	0.014	0.004	ophio	Oman	Godard[2000]
MAN 105	2.77	44.18	0.01	0.55	8.11	0.13	45.37	0.69	0.024	0.024	0.005	ophio	Oman	Godard[2000]
MAN 107	6.16	45.44	0.01	0.79	7.62	0.13	44.05	1.08	0.016	0.016	0.010	ophio	Oman	Godard[2000]
MAN 109	9.49	44.54	0.01	0.59	8.22	0.13	44.93	0.63	0.018	0.018	0.003	ophio	Oman	Godard[2000]
MAN 110	5.98	44.46	0.01	1.14	8.15	0.13	43.92	1.26	0.047	0.047	0.004	ophio	Oman	Godard[2000]
MAN 111	8.92	43.72	0	0.66	8.11	0.13	45.71	0.73	0.019	0.019	0.003	ophio	Oman	Godard[2000]
MAN 112	3.31	45.34	0.03	1.88	8.16	0.14	41.17	2.38	0.132	0.132	0.001	ophio	Oman	Godard[2000]
MAN 113	8.85	43.81	0.02	0.98	8.08	0.13	44.36	1.66	0.053	0.053	0.001	ophio	Oman	Godard[2000]
MAN 114	6.29	43.61	0.01	0.99	8.05	0.13	45.23	1.04	0.029	0.029	0.010	ophio	Oman	Godard[2000]
MAN 115	7.66	43.84	0.02	1.23	8.23	0.13	44.94	0.77	0.046	0.046	0.008	ophio	Oman	Godard[2000]
MAN 116	7.97	42.68	0.01	0.94	8.27	0.13	45.96	1.12	0.039	0.039	0.029	ophio	Oman	Godard[2000]
MAN 117	11.2	44.76	0.02	1.47	7.96	0.12	43.29	1.48	0.072	0.072	0.009	ophio	Oman	Godard[2000]
So_2	9.62	44.83	0.01	0.87	7.78	0.12	44.89	0.61	0.029	0.029		ophio	Oman	Godard[2000]
So_11	4.47	44.6	0.01	0.7	8.03	0.14	44.6	1.02	0.025	0.025		ophio	Oman	Godard[2000]
So_15	7.27	45.76	0.02	0.95	8.26	0.13	42.77	1.18	0.051	0.051		ophio	Oman	Godard[2000]
So_17	1.55	46.21	0.02	1.08	8.04	0.13	42.2	1.4	0.078	0.078		ophio	Oman	Godard[2000]
So_19	9.23	45.64	0.01	0.82	7.87	0.12	43.63	0.99	0.035	0.035		ophio	Oman	Godard[2000]
So_21	8.99	44.57	0.01	0.67	7.99	0.13	45.02	0.71	0.020	0.020		ophio	Oman	Godard[2000]
So_25	8.99	47.06	0.01	0.93	7.47	0.12	42.3	1.24	0.031	0.031		ophio	Oman	Godard[2000]
So_56	5.65	47.44	0.01	0.96	7.69	0.13	41.67	1.21	0.044	0.044		ophio	Oman	Godard[2000]
So_58	8.18	45.16	0.01	0.92	7.60	0.13	44.51	0.8	0.020	0.020		ophio	Oman	Godard[2000]
So_59	7.26	43.77	0.01	0.75	8.09	0.13	45.51	0.81	0.024	0.024		ophio	Oman	Godard[2000]
So_60	9.4	42.75	0.01	0.56	8.40	0.13	46.2	1	0.020	0.020		ophio	Oman	Godard[2000]
So_62	4.27	43.76	0.01	0.74	8.11	0.13	45.55	0.78	0.025	0.025		ophio	Oman	Godard[2000]
So_65	7.14	43.95	0.01	1.07	8.01	0.13	44.82	1.07	0.028	0.028		ophio	Oman	Godard[2000]
So_67	6.95	44.33	0.01	1.01	8.03	0.13	44.43	1.15	0.026	0.026		ophio	Oman	Godard[2000]
So_92	7.9	42.52	0.01	1.01	8.83	0.14	45.58	0.89	0.039	0.039		ophio	Oman	Godard[2000]
So_100	8.22	43.93	0.01	0.45	8.26	0.13	45.69	0.59	0.018	0.018		ophio	Oman	Godard[2000]
So_145	8.09	44.83	0.01	0.96	8.02	0.13	44.17	0.96	0.042	0.042		ophio	Oman	Godard[2000]
So_148	8.74	44.14	0.01	0.86	7.94	0.13	45.25	0.74	0.029	0.029		ophio	Oman	Godard[2000]

ɜ: Brazilia, CPRM Special Publication, p. 336-363

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