

Sample	SiO₂	sd	TiO₂	2 sd	Al₂O₃	2 sd
KHO3-2	40.221	0.207	0.006	0.006	0.017	0.007
KHO3-3	40.360	0.315	0.001	0.002	0.024	0.010
KHO3-4	40.067	0.230	0.003	0.007	0.020	0.011
KHO3-5	41.013	0.332	0.007	0.007	0.023	0.012
KHO3-6	40.577	0.381	0.002	0.004	0.018	0.004
KHO3-7	40.704	0.579	0.004	0.007	0.025	0.009
KHO3-10	41.272	0.130	0.000	0.000	0.040	0.008
KHO3-11	39.614	0.118	0.004	0.006	0.016	0.012
KHO3-14	39.358	0.269	0.005	0.007	0.025	0.009
KHO3-15	41.630	0.216	0.006	0.008	0.040	0.004
KHO3-16	40.839	0.098	0.005	0.001	0.039	0.007
KHO3-17	41.031	0.300	0.000	0.007	0.014	0.008
KHO3-21	40.441	0.482	0.004	0.003	0.023	0.012
KHO3-22	40.476	0.573	0.006	0.012	0.049	0.012
KHO3-23	42.065	0.261	0.008	0.009	0.019	0.007
KHO3-24	41.325	0.251	0.001	0.003	0.014	0.010
KHO3-25	41.420	0.241	0.004	0.008	0.020	0.007
KHO3-27	39.145	0.337	0.000	0.007	0.013	0.009
KH96-1	41.181	0.269	0.004	0.007	0.018	0.014
KH96-2	41.230	0.244	0.002	0.003	0.017	0.009
KH96-3	40.223	0.366	0.009	0.015	0.010	0.024
KH96-8	42.072	0.256	0.006	0.017	0.040	0.014
KH96-9	41.746	0.351	0.004	0.008	0.017	0.025
KH96-10b	40.200	0.373	0.003	0.008	0.020	0.013
KH96-12	41.018	0.284	0.006	0.011	0.014	0.012
KH96-13	39.835	0.718	0.003	0.009	0.029	0.013
KH96-14	41.459	0.544	0.001	0.003	0.020	0.017
KH96-18	41.076	0.742			0.016	0.009
KH96-20	41.094	0.766	0.004	0.010	0.024	0.015
KH96-21	41.857	0.250	0.007	0.012	0.023	0.027
KH96-22	41.680	0.014	0.004	0.080	0.014	0.011
KH96-23	41.300	0.245	0.003	0.009	0.013	0.014
KH96-24	40.128	0.409	0.000	0.001	0.007	0.005
KH1(b)	40.697	0.345	0.007	0.012	0.031	0.010
KLB 8312	40.528	0.390	0.006	0.012	0.046	0.022

Sample	FeO	sd	MnO	sd	MgO	sd
KHO3-2	9.480	0.061	0.138	0.009	48.874	0.149
KHO3-3	9.723	0.027	0.139	0.009	48.829	0.174
KHO3-4	10.719	0.062	0.144	0.010	48.082	0.140
KHO3-5	10.569	0.054	0.150	0.010	48.518	0.159
KHO3-6	10.030	0.050	0.136	0.009	48.679	0.129
KHO3-7	9.715	0.063	0.135	0.006	48.781	0.179
KHO3-10	10.172	0.056	0.150	0.007	48.597	0.117
KHO3-11	10.358	0.036	0.140	0.008	48.555	0.195
KHO3-14	11.175	0.058	0.158	0.011	48.005	0.304
KHO3-15	9.284	0.034	0.137	0.009	49.196	0.202
KHO3-16	8.805	0.046	0.130	0.006	49.792	0.108
KHO3-17	11.091	0.025	0.153	0.016	47.974	0.143
KHO3-21	11.242	0.045	0.160	0.004	48.160	0.171
KHO3-22	10.553	0.065	0.147	0.012	48.437	0.150
KHO3-23	10.123	0.090	0.140	0.007	46.360	0.283
KHO3-24	10.295	0.077	0.144	0.008	49.047	0.132
KHO3-25	9.473	0.034	0.126	0.007	49.257	0.098
KHO3-27	10.787	0.104	0.166	0.010	47.472	0.206
KH96-1	9.881	0.133	0.133	0.020	48.686	0.289
KH96-2	9.095	0.078	0.126	0.013	49.158	0.141
KH96-3	13.562	0.311	0.187	0.017	45.607	0.396
KH96-8	9.914	0.149	0.142	0.013	48.952	0.617
KH96-9	10.341	0.125	0.151	0.015	48.956	0.093
KH96-10b	11.100	0.058	0.153	0.026	47.790	0.300
KH96-12	10.594	0.110	0.148	0.024	49.108	0.361
KH96-13	10.475	0.055	0.148	0.030	48.815	0.204
KH96-14	11.094	0.117	0.155	0.019	47.816	0.357
KH96-18	10.564	0.289	0.151	0.015	48.311	0.649
KH96-20	10.621	0.153	0.145	0.018	47.569	0.770
KH96-21	9.022	0.077	0.126	0.017	49.099	0.379
KH96-22	10.552	0.008	0.150	0.008	47.996	0.013
KH96-23	10.073	0.207	0.135	0.016	48.245	0.330
KH96-24	11.716	0.136	0.163	0.016	47.679	0.330
KH1(b)	10.394	0.131	0.148	0.024	49.014	0.134
KLB 8312	10.002	0.122	0.142	0.022	49.444	0.224

Sample	CaO	sd	Na₂O	sd	K₂O	sd
KHO3-2	0.086	0.013	0.006	0.006	0.002	0.003
KHO3-3	0.080	0.006	0.009	0.007	0.004	0.006
KHO3-4	0.074	0.009	0.005	0.005	0.001	0.001
KHO3-5	0.075	0.005	0.009	0.005	0.004	0.007
KHO3-6	0.076	0.010	0.012	0.008	0.005	0.006
KHO3-7	0.076	0.009	0.003	0.004	0.001	0.001
KHO3-10	0.104	0.018	0.003	0.004	0.002	0.004
KHO3-11	0.064	0.011	0.004	0.006	0.001	0.004
KHO3-14	0.080	0.008	0.005	0.004	0.004	0.002
KHO3-15	0.136	0.008	0.007	0.005	0.002	0.005
KHO3-16	0.135	0.009	0.009	0.004	0.003	0.002
KHO3-17	0.072	0.010	0.004	0.005	0.001	0.003
KHO3-21	0.061	0.002	0.003	0.004	0.001	0.002
KHO3-22	0.107	0.008	0.004	0.006	0.000	0.000
KHO3-23	0.083	0.009	0.010	0.007	0.001	0.002
KHO3-24	0.081	0.008	0.004	0.005	0.003	0.004
KHO3-25	0.070	0.009	0.005	0.006	0.001	0.002
KHO3-27	0.083	0.005	0.000	0.005	0.000	0.002
KH96-1	0.072	0.010	0.009	0.010	0.001	0.003
KH96-2	0.070	0.007	0.008	0.005	0.001	0.002
KH96-3	0.069	0.030	0.001	0.003	0.001	0.004
KH96-8	0.128	0.023	0.007	0.015	0.001	0.002
KH96-9	0.073	0.022	0.006	0.009	0.000	0.002
KH96-10b	0.070	0.024	0.003	0.007	0.001	0.003
KH96-12	0.060	0.019	0.004	0.008	0.003	0.007
KH96-13	0.055	0.009	0.004	0.007	0.002	0.007
KH96-14	0.070	0.013	0.004	0.012	0.003	0.006
KH96-18	0.053	0.021	0.003	0.007	0.001	0.001
KH96-20	0.081	0.016	0.002	0.003	0.001	0.006
KH96-21	0.094	0.020	0.005	0.010	0.004	0.008
KH96-22	0.064	0.018	0.005	0.024	0.002	
KH96-23	0.075	0.023	0.002	0.007	0.002	0.006
KH96-24	0.058	0.010	0.001	0.003	0.000	0.001
KH1(b)	0.092	0.015	0.006	0.016	0.003	0.007
KLB 8312	0.133	0.019	0.007	0.013	0.001	0.005

Sample	P₂O₅	sd	Cr₂O₃	sd	NiO	sd
KHO3-2	0.012	0.013	0.010	0.012	0.378	0.010
KHO3-3	0.005	0.006	0.014	0.011	0.394	0.012
KHO3-4	0.008	0.010	0.008	0.011	0.383	0.011
KHO3-5	0.038	0.021	0.023	0.013	0.391	0.014
KHO3-6	0.015	0.011	0.013	0.014	0.399	0.007
KHO3-7	0.011	0.009	0.017	0.020	0.388	0.012
KHO3-10	0.010	0.010	0.018	0.003	0.395	0.015
KHO3-11	0.016	0.005	0.009	0.008	0.389	0.010
KHO3-14	0.021	0.017	0.016	0.008	0.357	0.007
KHO3-15	0.005	0.010	0.051	0.008	0.383	0.011
KHO3-16	0.008	0.010	0.052	0.007	0.417	0.013
KHO3-17	0.009	0.006	0.006	0.009	0.377	0.012
KHO3-21	0.009	0.006	0.011	0.010	0.375	0.007
KHO3-22	0.003	0.003	0.022	0.007	0.377	0.011
KHO3-23	0.012	0.013	0.023	0.013	0.391	0.012
KHO3-24	0.004	0.005	0.017	0.013	0.375	0.008
KHO3-25	0.009	0.010	0.018	0.011	0.398	0.011
KHO3-27	0.011	0.009	0.015	0.007	0.373	0.006
KH96-1	0.007	0.008	0.008	0.020	0.392	0.026
KH96-2			0.025	0.015	0.405	0.006
KH96-3			0.004	0.014	0.244	0.023
KH96-8			0.087	0.130	0.390	0.028
KH96-9			0.018	0.021	0.384	0.018
KH96-10b			0.018	0.023	0.386	0.018
KH96-12			0.023	0.040	0.388	0.017
KH96-13			0.010	0.018	0.373	0.028
KH96-14			0.006	0.018	0.365	0.024
KH96-18			0.015	0.031	0.396	0.015
KH96-20			0.010	0.026	0.378	0.020
KH96-21			0.034	0.014	0.407	0.026
KH96-22			0.010	0.028	0.382	
KH96-23			0.010	0.024	0.392	0.020
KH96-24			0.012	0.024	0.352	0.009
KH1(b)			0.012	0.026	0.393	0.024
KLB 8312			0.029	0.025	0.361	0.005

Table 1.2.1.2. Major element composition of olivine rims of Kilbourne Hole xenoliths