Appendix to Perlman-Asaro-Databank paper: Individual NAA concentration data corrected for dilution

(www.iskp.uni-bonn.de/gruppen/mommsen/top.html)

Table: ACHP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
ACHA06	0.984	8.33	4.92	58.0	29.3	246.	6.73
ACHA07	1.015	8.72	6.70	60.3	29.0	271.	7.51
ACHA08	1.042	7.93	6.56	57.3	32.1	264.	5.56
ACHA09	0.986	8.14	5.72	60.0	29.3	281.	6.43
ACHA11	0.976	7.91	2.73	59.7	27.1	302.	5.38
ACHA12	1.013	8.35	4.25	62.2	28.3	293.	6.89
ACHA14	0.963	8.31	2.89	61.8	29.5	243.	3.68
ACHA17	0.963	8.24	2.41	60.4	25.3	287.	5.54
ACHA18	0.937	8.27	2.53	63.5	26.8	237.	7.06
ACHA20	0.884	8.15	3.01	63.8	27.2	206.	6.24
PLAT01	0.958	7.87	3.64	62.4	28.5	278.	6.46
PLAT02	1.035	7.69	6.31	61.9	25.7	283.	5.93
PLAT04	0.996	7.56	7.87	63.0	29.7	260.	6.84
PLAT07	0.916	8.57	4.85	62.7	31.0	264.	5.93
PLAT09	0.914	7.64	4.48	64.9	(35.9)	263.	5.24
PLAT10	1.020	8.21	6.83	62.5	30.7	238.	6.03
PLAT11	0.936	7.78	4.12	65.0	30.0	266.	7.31
PLAT13	0.940	7.59	5.83	63.5	29.4	269.	6.94
PLAT17	0.980	8.30	5.98	63.2	29.1	275.	6.28
PLAT19	1.096	7.64	5.04	64.1	27.8	287.	6.59
OLYM5	0.976	8.30	6.05	58.6	27.6	264.	6.69
OLYM6	1.027	7.84	7.50	58.3	26.5	300.	6.81
OLYM9	1.124	8.16	7.08	57.5	28.3	282.	5.63
OLYM10	0.996	8.37	4.88	59.0	28.5	285.	6.94
OLYM11	1.041	7.93	7.50	59.8	28.2	276.	7.63
OLYM12	1.033	8.25	6.40	57.6	26.9	290.	6.44
OLYM13	1.018	7.23	7.84	56.6	27.0	288.	6.45
OLYM14	1.001	7.70	5.81	60.5	28.4	303.	7.37
OLYM15	0.975	8.29	5.27	56.9	27.7	286.	6.57
OLYM16	1.086	7.87	7.82	62.9	28.2	288.	6.48
OLYM18	1.184	7.89	9.24	60.6	27.8	275.	6.12
NICH93	0.975	8.43	6.53	65.7	26.2	241.	7.00
ave. meas. error		0.19	0.49	1.1	0.38	5.2	0.26
in %		2.4	8.9	1.7	1.3	1.9	4.0
ave. value M		8.0	5.6	61.	28.	271.	6.4
spread		0.33	1.8	2.6	1.5	22.	0.79
in %		4.1	32.	4.3	5.4	8.1	12.
#		32.	32.	32.	31.	32.	32.

Table ff: ACHP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
ACHA06	0.984	4.50	1.15	5.26	4.46	2.32	29.5
ACHA07	1.015	4.78	1.22	5.37	3.63	2.76	29.1
ACHA08	1.042	5.05	1.22	5.70	4.20	2.84	28.6
ACHA09	0.986	4.52	1.28	5.64	3.88	2.76	30.2
ACHA11	0.976	4.47	1.19	5.21	4.91	2.17	29.7
ACHA12	1.013	4.56	1.27	5.47	4.97	2.35	29.7
ACHA14	0.963	4.64	1.22	5.83	4.24	2.06	29.2
ACHA17	0.963	4.71	1.28	5.11	5.17	2.20	29.8
ACHA18	0.937	4.85	1.19	5.25	4.49	2.75	31.5
ACHA20	0.884	5.00	1.35	5.34	3.92	2.60	31.6
PLAT01	0.958	4.61	1.24	5.36	4.23	2.62	30.5
PLAT02	1.035	4.96	1.29	5.17	4.51	2.27	30.4
PLAT04	0.996	4.53	1.31	5.29	4.28	2.64	31.4
PLAT07	0.916	4.34	1.25	5.62	3.86	2.35	31.4
PLAT09	0.914	4.65	1.30	5.58	3.46	2.49	31.3
PLAT10	1.020	4.78	1.28	5.61	3.59	2.02	30.9
PLAT11	0.936	4.62	1.23	5.46	3.97	2.88	29.4
PLAT13	0.940	4.87	1.38	4.97	3.76	2.35	30.1
PLAT17	0.980	5.01	1.42	5.49	3.52	2.43	27.8
PLAT19	1.096	4.60	1.46	5.17	4.60	1.87	30.5
OLYM5	0.976	5.68	1.11	5.30	4.31	3.26	29.8
OLYM6	1.027	4.69	1.20	5.51	4.49	2.03	29.5
OLYM9	1.124	4.54	1.30	5.35	4.24	2.52	29.3
OLYM10	0.996	4.46	1.17	5.37	4.43	2.49	29.0
OLYM11	1.041	5.08	1.15	5.47	3.88	2.96	29.9
OLYM12	1.033	4.95	1.27	5.52	3.85	2.27	29.3
OLYM13	1.018	5.31	1.34	5.51	4.42	2.44	30.4
OLYM14	1.001	4.73	1.20	5.50	4.02	2.78	28.8
OLYM15	0.975	4.96	1.22	5.54	3.38	2.27	31.0
OLYM16	1.086	5.51	1.17	5.42	4.21	2.23	28.5
OLYM18	1.184	5.25	1.28	5.27	3.86	2.76	30.2
NICH93	0.975	4.08	1.19	5.48	4.00	2.21	30.5
ave. meas. error		0.17	0.045	0.078	0.33	0.26	0.56
in %		3.5	3.6	1.4	7.9	11.	1.9
ave. value M		4.8	1.3	5.4	4.2	2.4	30.
spread		0.33	0.079	0.18	0.42	0.31	0.95
in %		6.9	6.3	3.4	10.	13.	3.2
#		32.	32.	32.	32.	32.	32.

Table ff: ACHP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
ACHA06	0.984	0.44	918.	0.99	26.6	205.	153.
ACHA07	1.015	0.43	1060.	0.89	27.6	216.	152.
ACHA08	1.042	0.44	798.	0.85	28.2	213.	116.
ACHA09	0.986	0.43	959.	0.89	26.4	238.	133.
ACHA11	0.976	0.43	624.	1.00	29.6	193.	88.8
ACHA12	1.013	0.37	985.	1.13	25.9	227.	152.
ACHA14	0.963	0.43	842.	0.75	28.9	207.	92.4
ACHA17	0.963	0.44	576.	0.96	29.1	180.	120.
ACHA18	0.937	0.43	801.	0.69	25.5	201.	148.
ACHA20	0.884	0.41	864.	0.75	31.9	162.	112.
PLAT01	0.958	0.44	958.	0.85	27.2	232.	155.
PLAT02	1.035	0.44	852.	1.00	29.5	199.	148.
PLAT04	0.996	0.43	1446.	0.94	26.4	221.	144.
PLAT07	0.916	0.43	958.	0.72	28.1	198.	131.
PLAT09	0.914	0.43	1105.	0.63	26.4	242.	118.
PLAT10	1.020	0.42	1008.	0.70	28.5	216.	127.
PLAT11	0.936	0.41	1113.	0.67	27.7	241.	143.
PLAT13	0.940	0.41	1084.	0.79	29.6	192.	170.
PLAT17	0.980	0.39	979.	0.58	30.8	277.	121.
PLAT19	1.096	0.41	874.	0.68	28.9	235.	114.
OLYM5	0.976	0.40	1126.	0.97	29.2	188.	175.
OLYM6	1.027	0.40	927.	0.70	28.1	245.	172.
OLYM9	1.124	0.40	1021.	0.94	29.4	200.	135.
OLYM10	0.996	0.44	1003.	0.95	33.9	207.	145.
OLYM11	1.041	0.41	880.	0.89	26.6	218.	161.
OLYM12	1.033	0.41	944.	0.69	29.4	273.	147.
OLYM13	1.018	0.45	1204.	0.75	26.6	237.	166.
OLYM14	1.001	0.41	952.	0.82	26.5	264.	158.
OLYM15	0.975	0.42	979.	0.79	24.5	231.	167.
OLYM16	1.086	0.37	1290.	0.95	25.1	253.	163.
OLYM18	1.184	0.38	1038.	0.94	27.5	234.	128.
NICH93	0.975	0.39	918.	0.51	30.6	197.	146.
ave. meas. error		0.017	9.7	0.011	1.7	20.	19.
in %		4.1	1.0	1.4	6.0	9.2	14.
ave. value M		0.42	971.	0.82	28.	220.	139.
spread		0.021	168.	0.14	2.0	27.	22.
in %		5.1	17.	18.	7.2	12.	16.
#		32.	32.	32.	32.	32.	32.

Table ff: ACHP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
ACHA06	0.984	22.0	4.90	0.89	0.78	11.5	0.50
ACHA07	1.015	22.8	5.04	0.82	0.85	11.1	0.45
ACHA08	1.042	19.6	5.21	0.90	0.86	11.0	0.47
ACHA09	0.986	22.4	5.28	0.85	0.77	11.2	0.46
ACHA11	0.976	21.0	4.88	0.95	0.76	11.4	0.52
ACHA12	1.013	21.5	5.13	0.91	0.70	10.7	0.50
ACHA14	0.963	20.8	5.22	0.92	0.83	11.6	0.52
ACHA17	0.963	20.8	5.16	0.92	0.78	11.0	0.50
ACHA18	0.937	21.6	5.11	0.87	0.90	11.0	0.48
ACHA20	0.884	21.9	5.51	0.86	0.73	11.2	0.48
PLAT01	0.958	21.5	5.34	0.84	0.80	11.0	0.48
PLAT02	1.035	20.0	5.59	0.85	0.84	10.7	0.48
PLAT04	0.996	20.4	5.60	0.82	0.85	10.6	0.44
PLAT07	0.916	23.1	5.13	0.83	0.85	11.1	0.47
PLAT09	0.914	21.8	5.39	0.83	0.76	11.1	0.44
PLAT10	1.020	22.0	5.45	0.87	0.85	11.3	0.47
PLAT11	0.936	22.6	5.26	0.85	0.78	11.2	0.46
PLAT13	0.940	21.1	5.27	0.91	0.86	10.7	0.49
PLAT17	0.980	22.5	5.35	0.81	0.71	11.1	0.43
PLAT19	1.096	20.7	5.63	0.82	0.94	10.5	0.43
OLYM5	0.976	21.1	5.20	0.85	0.77	11.1	0.48
OLYM6	1.027	21.6	5.32	0.82	0.78	10.7	0.46
OLYM9	1.124	20.5	5.41	0.81	0.94	10.6	0.49
OLYM10	0.996	21.4	5.11	0.88	0.82	10.8	0.51
OLYM11	1.041	21.3	5.36	0.84	0.78	10.7	0.46
OLYM12	1.033	20.7	5.51	0.79	0.88	10.6	0.46
OLYM13	1.018	21.1	5.48	0.78	0.71	10.4	0.48
OLYM14	1.001	21.6	5.26	0.87	0.72	11.0	0.48
OLYM15	0.975	22.2	5.48	0.81	0.81	11.2	0.47
OLYM16	1.086	20.9	5.29	0.84	0.80	10.9	0.47
OLYM18	1.184	20.0	5.70	0.80	0.88	10.5	0.44
NICH93	0.975	20.6	5.33	0.94	0.92	11.8	0.52
ave. meas. error		0.066	0.010	0.007	0.052	0.16	0.015
in %		0.3	0.2	0.8	6.3	1.4	3.2
ave. value M		21.	5.3	0.85	0.81	11.	0.47
spread		0.85	0.20	0.044	0.066	0.34	0.025
in %		4.0	3.7	5.2	8.1	3.1	5.3
#		32.	32.	32.	32.	32.	32.

Table ff: ACHP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
ACHA06	0.984	2.57	3.14	141.
ACHA07	1.015	2.34	2.74	105.
ACHA08	1.042	2.39	2.90	103.
ACHA09	0.986	2.38	2.70	99.6
ACHA11	0.976	2.52	3.00	130.
ACHA12	1.013	2.24	2.93	126.
ACHA14	0.963	2.30	2.98	130.
ACHA17	0.963	2.50	2.99	100.
ACHA18	0.937	2.44	2.96	100.
ACHA20	0.884	2.37	3.06	106.
PLAT01	0.958	2.24	2.92	107.
PLAT02	1.035	2.41	2.70	117.
PLAT04	0.996	2.20	2.74	113.
PLAT07	0.916	2.20	2.83	129.
PLAT09	0.914	2.09	2.96	127.
PLAT10	1.020	2.28	2.86	105.
PLAT11	0.936	2.24	2.73	117.
PLAT13	0.940	2.18	2.86	116.
PLAT17	0.980	2.13	2.83	125.
PLAT19	1.096	2.18	2.79	111.
OLYM5	0.976	2.07	2.69	143.
OLYM6	1.027	2.50	2.74	129.
OLYM9	1.124	2.28	2.84	143.
OLYM10	0.996	2.16	2.68	117.
OLYM11	1.041	2.49	2.76	89.5
OLYM12	1.033	2.41	2.68	71.3
OLYM13	1.018	2.19	2.88	101.
OLYM14	1.001	2.26	2.75	105.
OLYM15	0.975	2.16	3.02	109.
OLYM16	1.086	2.39	2.61	92.3
OLYM18	1.184	2.40	2.91	117.
NICH93	0.975	2.22	2.85	111.
ave. meas. error		0.028	0.094	9.2
in %		1.2	3.3	8.1
ave. value M		2.3	2.8	113.
spread		0.13	0.13	16.
in %		5.8	4.5	14.
#		32.	32.	32.

Table: CHAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
CHAN1	0.917	7.68	6.14	82.9	15.0	123.	8.56
CHAN4	0.897	6.92	6.10	84.0	15.5	109.	6.13
CHAN7	0.618	8.17	2.84	96.6	24.9	95.5	6.95
CHAN11	0.933	7.21	6.16	85.8	18.4	151.	6.06
CHAN14	1.133	7.72	7.82	81.7	15.6	127.	5.85
CHAN17	0.870	7.71	7.74	81.8	16.8	124.	6.88
CHAN22	1.090	7.41	5.34	96.9	18.5	104.	6.16
CHAN24	1.057	7.96	2.96	86.3	9.32	110.	7.86
CHAN25	0.910	8.21	6.28	90.5	11.4	126.	6.65
CHAN27	1.031	7.32	5.88	86.2	9.98	106.	8.00
CHAN28	1.208	7.59	3.74	80.0	12.9	104.	5.81
CHAN30	1.126	7.70	8.11	93.0	12.5	123.	7.04
CHAN31	1.072	8.27	2.25	89.0	13.4	107.	6.81
CHAN32	0.924	7.30	3.70	82.1	11.0	170.	4.84
CHAN34	1.255	7.39	5.02	81.4	13.7	106.	6.22
CHAN36	0.963	6.43	7.51	78.7	20.6	156.	6.44
CHAN38	1.075	7.01	5.27	94.8	15.9	128.	6.11
CHAN40	1.066	8.15	5.76	34.8	9.83	110.	7.71
CHAN41	0.995	8.10	4.48	94.1	9.87	108.	8.74
ave. meas. error		0.14	0.40	0.98	0.24	2.7	0.22
in %		1.9	7.4	1.1	1.7	2.2	3.2
ave. value M		7.6	5.4	87.	14.	120.	6.8
spread		0.49	1.7	6.0	4.1	20.	1.0
in %		6.5	32.	6.9	28.	17.	15.
#		19.	19.	18.	19.	19.	19.

Table ff: CHAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
CHAN1	0.917	5.77	1.47	3.99	5.38	2.48	43.5
CHAN4	0.897	5.88	1.55	4.20	5.76	2.06	45.2
CHAN7	0.618	6.16	1.75	2.73	5.05	2.29	46.6
CHAN11	0.933	5.54	1.60	4.44	6.16	2.24	41.0
CHAN14	1.133	4.99	1.39	5.03	6.85	2.72	40.0
CHAN17	0.870	6.05	1.65	4.19	5.99	1.83	45.3
CHAN22	1.090	5.56	1.41	4.75	7.86	1.53	39.5
CHAN24	1.057	5.41	1.35	2.55	6.64	2.43	41.8
CHAN25	0.910	5.43	1.58	2.86	6.65	2.09	43.4
CHAN27	1.031	5.60	1.34	2.72	6.95	2.58	42.1
CHAN28	1.208	5.29	1.46	4.63	7.36	2.42	38.9
CHAN30	1.126	5.48	1.64	3.31	7.20	2.25	43.6
CHAN31	1.072	5.41	1.47	4.23	3.40	2.04	44.2
CHAN32	0.924	5.45	1.39	2.49	6.33	2.03	43.5
CHAN34	1.255	5.72	1.42	4.43	7.56	2.38	42.7
CHAN36	0.963	5.28	1.44	4.01	6.12	2.41	37.5
CHAN38	1.075	5.60	1.47	4.71	7.01	2.04	44.4
CHAN40	1.066	5.26	1.32	2.98	7.26	2.98	44.7
CHAN41	0.995	4.92	1.37	2.60	6.88	2.59	44.6
ave. meas. error		0.13	0.069	0.058	0.29	0.23	0.72
in %		2.3	4.7	1.6	4.4	10.	1.7
ave. value M		5.5	1.5	3.7	6.4	2.3	43.
spread		0.31	0.12	0.88	1.0	0.33	2.4
in %		5.7	8.0	24.	16.	15.	5.7
#		19.	19.	19.	19.	19.	19.

Table ff: CHAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
CHAN1	0.917	0.45	408.	0.57	38.9	99.0	100.0
CHAN4	0.897	0.45	356.	0.42	43.7	65.5	96.9
CHAN7	0.618	0.44	449.	0.46	42.5	41.4	111.
CHAN11	0.933	0.43	487.	0.68	38.8	124.	93.3
CHAN14	1.133	0.43	283.	0.63	35.3	109.	87.2
CHAN17	0.870	0.50	448.	0.91	39.0	94.0	94.0
CHAN22	1.090	0.47	446.	0.55	37.3	99.2	108.
CHAN24	1.057	0.46	237.	0.71	35.6	55.0	112.
CHAN25	0.910	0.47	186.	0.62	37.3	71.9	103.
CHAN27	1.031	0.48	286.	0.65	35.5	63.9	115.
CHAN28	1.208	0.46	316.	0.56	38.3	71.3	123.
CHAN30	1.126	0.43	291.	0.63	37.5	48.4	114.
CHAN31	1.072	0.50	405.	0.57	34.5	70.8	126.
CHAN32	0.924	0.49	191.	0.56	37.2	106.	99.8
CHAN34	1.255	0.45	502.	0.65	39.0	76.6	112.
CHAN36	0.963	0.44	932.	0.62	32.8	114.	117.
CHAN38	1.075	0.44	450.	0.59	40.9	82.8	100.0
CHAN40	1.066	0.49	185.	0.66	26.0	61.8	115.
CHAN41	0.995	0.45	196.	0.64	37.3	66.7	129.
ave. meas. error		0.018	4.6	0.009	1.8	12.	10.
in %		3.9	1.2	1.5	5.0	16.	9.8
ave. value M		0.46	371.	0.62	37.	79.	107.
spread		0.022	174.	0.10	3.7	23.	11.
in %		4.9	47.	16.	10.	29.	10.
#		19.	19.	19.	19.	19.	19.

Table ff: CHAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
CHAN1	0.917	15.7	7.12	1.65	0.82	13.0	0.49
CHAN4	0.897	14.5	7.11	1.49	0.92	11.6	0.49
CHAN7	0.618	14.9	7.87	1.69	1.01	12.7	0.50
CHAN11	0.933	15.3	6.96	1.51	0.91	11.3	0.48
CHAN14	1.133	16.5	6.31	1.56	0.76	13.6	0.49
CHAN17	0.870	15.4	7.29	1.56	1.02	12.5	0.49
CHAN22	1.090	14.4	6.79	1.58	1.01	13.4	0.43
CHAN24	1.057	14.7	6.48	1.76	1.03	14.0	0.47
CHAN25	0.910	14.9	7.14	1.98	0.96	12.6	0.56
CHAN27	1.031	14.8	6.37	1.63	0.95	13.2	0.51
CHAN28	1.208	14.6	6.47	1.52	0.95	13.2	0.52
CHAN30	1.126	14.5	6.95	1.62	0.95	13.0	0.51
CHAN31	1.072	14.9	7.02	1.74	1.03	13.8	0.57
CHAN32	0.924	15.9	6.63	1.72	0.96	11.2	0.53
CHAN34	1.255	14.5	6.61	1.47	1.02	12.9	0.48
CHAN36	0.963	15.1	6.19	1.36	0.92	10.7	0.45
CHAN38	1.075	13.8	6.60	1.51	0.96	12.2	0.48
CHAN40	1.066	15.1	6.58	1.56	0.97	13.0	0.52
CHAN41	0.995	14.6	6.41	1.49	0.94	13.5	0.51
ave. meas. error		0.054	0.025	0.017	0.043	0.13	0.016
in %		0.4	0.4	1.1	4.5	1.0	3.2
ave. value M		15.	6.8	1.6	0.96	13.	0.50
spread		0.61	0.42	0.14	0.062	0.93	0.033
in %		4.1	6.1	8.7	6.5	7.3	6.6
#		19.	19.	19.	19.	19.	19.

Table ff: CHAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
CHAN1	0.917	2.99	3.16	91.7
CHAN4	0.897	3.87	3.20	122.
CHAN7	0.618	2.71	3.01	101.
CHAN11	0.933	3.21	2.92	88.6
CHAN14	1.133	3.22	2.61	96.3
CHAN17	0.870	2.83	2.98	91.3
CHAN22	1.090	2.77	2.82	74.1
CHAN24	1.057	3.56	3.02	86.7
CHAN25	0.910	3.14	2.88	88.3
CHAN27	1.031	3.66	2.88	77.3
CHAN28	1.208	2.98	2.85	97.8
CHAN30	1.126	3.32	2.97	84.5
CHAN31	1.072	3.02	2.93	87.9
CHAN32	0.924	3.61	3.16	76.7
CHAN34	1.255	3.01	2.99	71.5
CHAN36	0.963	2.77	2.95	107.
CHAN38	1.075	3.40	2.95	86.0
CHAN40	1.066	3.27	2.82	93.8
CHAN41	0.995	3.24	2.90	63.7
ave. meas. error		0.031	0.096	5.5
in %		1.0	3.3	6.2
ave. value M		3.2	2.9	88.
spread		0.33	0.13	13.
in %		10.	4.5	15.
#		19.	19.	19.

Table: CHOP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
PKAS03	0.963	6.75	8.09	61.6	21.0	265.	3.67
CHOR04	1.017	7.12	8.75	60.2	19.4	271.	2.44
CHOR05	1.041	7.27	8.54	60.9	17.8	277.	1.35
CHOR06	0.990	6.94	8.51	62.5	18.2	273.	0.98
CHOR11	1.012	7.32	6.17	62.0	14.8	270.	3.14
CHOR12	0.983	7.10	8.06	60.9	15.2	290.	0.74
CHOR15	0.980	6.53	7.45	62.9	20.4	280.	1.63
CHOR16	0.994	7.49	8.25	61.7	19.5	285.	1.51
CHOR18	0.988	6.66	4.64	65.1	22.5	294.	2.47
CHOR20	1.023	6.79	7.26	66.4	24.9	269.	2.38
ave. meas. error		0.14	0.46	1.4	0.31	7.2	0.20
in %		2.1	6.1	2.2	1.6	2.6	9.7
ave. value M		7.0	7.5	62.	19.	277.	2.0
spread		0.31	1.3	1.9	3.1	9.6	0.94
in %		4.5	17.	3.1	16.	3.5	47.
#		10.	10.	10.	10.	10.	10.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
PKAS03	0.963	5.00	1.34	4.73	4.15	1.58	30.3
CHOR04	1.017	4.79	1.27	4.97	3.62	1.54	31.5
CHOR05	1.041	5.11	1.31	5.15	4.37	1.42	30.5
CHOR06	0.990	5.12	1.37	4.51	4.02	0.71	30.4
CHOR11	1.012	5.17	1.30	4.79	3.35	1.52	30.2
CHOR12	0.983	5.24	1.33	4.88	4.21	1.05	30.2
CHOR15	0.980	5.11	1.28	4.62	4.91	0.90	32.0
CHOR16	0.994	5.04	1.26	4.89	3.99	1.97	30.1
CHOR18	0.988	5.04	1.26	4.40	4.91	1.18	31.3
CHOR20	1.023	5.34	1.32	4.57	4.33	1.37	31.2
ave. meas. error		0.12	0.045	0.081	0.33	0.19	0.63
in %		2.3	3.4	1.7	8.0	15.	2.0
ave. value M		5.1	1.3	4.8	4.2	1.3	31.
spread		0.14	0.045	0.23	0.49	0.37	0.69
in %		2.8	3.4	4.9	12.	28.	2.3
#		10.	10.	10.	10.	10.	10.

Table ff: CHOP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
PKAS03	0.963	0.42	574.	0.45	25.2	187.	87.6
CHOR04	1.017	0.40	563.	0.52	25.8	210.	67.1
CHOR05	1.041	0.40	525.	0.41	26.6	184.	71.8
CHOR06	0.990	0.48	652.	0.32	28.3	215.	65.3
CHOR11	1.012	0.40	450.	0.45	27.1	187.	78.9
CHOR12	0.983	0.46	373.	0.40	29.5	208.	22.6
CHOR15	0.980	0.41	495.	0.44	31.5	181.	56.8
CHOR16	0.994	0.40	520.	0.51	28.7	186.	99.4
CHOR18	0.988	0.40	473.	0.51	29.7	155.	79.0
CHOR20	1.023	0.43	469.	0.47	31.8	173.	51.2
ave. meas. error		0.018	6.3	0.008	1.8	17.	21.
in %		4.2	1.2	1.7	6.5	9.3	32.
ave. value M		0.42	509.	0.45	28.	186.	66.
spread		0.028	77.	0.062	2.2	19.	23.
in %		6.6	15.	14.	7.9	10.	35.
#		10.	10.	10.	10.	10.	10.

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
PKAS03	0.963	18.2	5.47	0.84	0.83	10.5	0.43
CHOR04	1.017	17.7	5.55	0.86	0.98	10.3	0.41
CHOR05	1.041	16.6	5.52	0.87	0.79	9.77	0.42
CHOR06	0.990	16.3	5.65	0.81	0.94	10.0	0.39
CHOR11	1.012	15.1	5.61	0.85	0.88	9.97	0.43
CHOR12	0.983	15.9	5.59	0.80	0.89	9.75	0.41
CHOR15	0.980	14.0	5.60	0.90	0.86	10.0	0.40
CHOR16	0.994	16.9	5.54	0.86	0.81	10.2	0.42
CHOR18	0.988	13.7	5.57	0.89	0.93	9.95	0.39
CHOR20	1.023	14.0	5.72	0.83	0.90	9.67	0.37
ave. meas. error		0.060	0.011	0.012	0.050	0.19	0.015
in %		0.4	0.2	1.4	5.7	1.9	3.7
ave. value M		16.	5.6	0.85	0.88	10.	0.41
spread		1.6	0.070	0.034	0.058	0.27	0.020
in %		10.0	1.3	4.0	6.6	2.7	4.9
#		10.	10.	10.	10.	10.	10.

Table ff: CHOP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
PKAS03	0.963	3.21	2.99	86.7
CHOR04	1.017	2.41	2.92	83.4
CHOR05	1.041	2.81	2.75	67.7
CHOR06	0.990	2.83	2.80	69.3
CHOR11	1.012	2.50	3.06	74.9
CHOR12	0.983	2.93	2.96	46.2
CHOR15	0.980	2.66	2.96	70.6
CHOR16	0.994	2.25	2.73	76.5
CHOR18	0.988	3.89	2.96	63.2
CHOR20	1.023	2.55	2.87	92.1
ave. meas. error		0.030	0.11	6.3
in %		1.1	3.8	8.7
ave. value M		2.8	2.9	73.
spread		0.47	0.11	13.
in %		17.	3.8	18.
#		10.	10.	10.

Table: CHPP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
CHOR01	1.018	8.02	5.19	60.7	20.8	398.	2.15
CHOR14	0.961	8.64	2.79	72.5	17.8	259.	1.88
CHOR19	1.014	7.92	2.03	64.8	17.4	495.	2.44
ave. meas. error		0.16	0.37	1.3	0.27	9.3	0.17
in %		1.9	11.	2.0	1.5	2.4	7.8
ave. value M		8.2	3.3	66.	19.	384.	2.2
spread		0.38	1.6	6.0	1.8	118.	0.29
in %		4.7	50.	9.1	9.8	31.	14.
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
CHOR01	1.018	4.46	1.15	5.14	4.30	1.14	29.5
CHOR14	0.961	5.34	1.26	4.51	5.77	1.28	34.0
CHOR19	1.014	4.78	1.23	5.00	5.38	1.37	30.4
ave. meas. error		0.14	0.041	0.083	0.34	0.18	0.67
in %		2.9	3.4	1.7	6.6	15.	2.1
ave. value M		4.8	1.2	4.9	5.2	1.3	31.
spread		0.45	0.053	0.33	0.76	0.18	2.4
in %		9.3	4.4	6.8	15.	15.	7.6
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
CHOR01	1.018	0.45	287.	0.27	25.9	284.	64.1
CHOR14	0.961	0.40	420.	0.85	28.3	145.	63.4
CHOR19	1.014	0.46	397.	0.66	26.5	214.	67.9
ave. meas. error		0.018	5.1	0.009	1.8	17.	20.
in %		4.2	1.4	1.5	6.8	8.0	30.
ave. value M		0.43	368.	0.59	27.	213.	65.
spread		0.032	71.	0.30	1.8	69.	20.
in %		7.5	19.	50.	6.8	33.	30.
#		3.	3.	3.	3.	3.	3.

Table ff: CHPP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
CHOR01	1.018	18.3	5.17	0.94	0.71	11.3	0.49
CHOR14	0.961	16.5	5.66	1.09	0.88	12.4	0.52
CHOR19	1.014	16.4	5.46	0.91	0.89	11.0	0.43
ave. meas. error		0.061	0.014	0.006	0.050	0.19	0.013
in %		0.4	0.3	0.6	6.0	1.7	2.7
ave. value M		17.	5.4	0.98	0.84	12.	0.48
spread		1.1	0.25	0.097	0.098	0.74	0.044
in %		6.2	4.5	9.9	12.	6.4	9.1
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	U	Yb	Zn
CHOR01	1.018	2.60	2.97	86.5
CHOR14	0.961	2.83	3.17	99.9
CHOR19	1.014	2.15	3.23	90.2
ave. meas. error		0.030	0.12	5.5
in %		1.2	3.7	5.9
ave. value M		2.5	3.1	93.
spread		0.35	0.13	6.9
in %		14.	4.3	7.4
#		3.	3.	3.

Table: CRECP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
KIT79	1.004	8.10	0.40	126.	11.7	112.	6.58
KIT82	1.088	7.77	0.76	121.	9.30	126.	6.19
KIT83	0.988	8.77	–	121.	10.9	130.	7.67
KIT84	0.985	8.58	–	121.	11.1	125.	7.81
HSTK28	0.993	8.58	0.50	120.	9.94	118.	6.00
HSTK30	0.935	8.20	0.56	120.	11.0	113.	6.50
ave. meas. error		0.15	0.22	1.3	0.18	2.9	0.21
in %		1.8	40.	1.1	1.7	2.4	3.1
ave. value M		8.3	0.54	121.	11.	121.	6.8
spread		0.37	0.22	2.2	0.87	7.3	0.76
in %		4.4	40.	1.8	8.2	6.0	11.
#		6.	4.	6.	6.	6.	6.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
KIT79	1.004	10.3	2.37	1.32	9.28	1.41	58.2
KIT82	1.088	7.27	1.98	1.45	10.1	1.52	50.9
KIT83	0.988	8.16	2.00	1.34	10.5	1.38	54.0
KIT84	0.985	7.95	1.94	1.37	10.1	1.38	54.9
HSTK28	0.993	8.77	2.13	1.51	8.93	1.79	60.0
HSTK30	0.935	8.55	2.21	1.52	8.65	1.96	59.4
ave. meas. error		0.078	0.038	0.030	0.22	0.13	0.83
in %		0.9	1.8	2.1	2.3	8.4	1.5
ave. value M		8.5	2.1	1.4	9.6	1.5	56.
spread		1.0	0.16	0.088	0.73	0.22	3.5
in %		12.	7.5	6.2	7.6	15.	6.3
#		6.	6.	6.	6.	6.	6.

Table ff: CRECP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
KIT79	1.004	0.71	120.	0.37	56.2	63.3	76.3
KIT82	1.088	0.54	124.	0.38	54.6	67.5	95.7
KIT83	0.988	0.64	108.	0.27	51.0	30.6	101.
KIT84	0.985	0.67	106.	0.28	50.4	69.9	108.
HSTK28	0.993	0.70	129.	0.53	54.5	48.7	88.4
HSTK30	0.935	0.65	142.	0.50	56.3	56.1	109.
ave. meas. error		0.024	1.2	0.005	2.6	13.	9.8
in %		3.6	1.0	1.3	4.8	24.	10.
ave. value M		0.65	122.	0.39	54.	55.	97.
spread		0.063	13.	0.11	2.6	15.	13.
in %		9.6	11.	28.	4.8	26.	13.
#		6.	6.	6.	6.	6.	6.

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
KIT79	1.004	14.2	11.0	2.05	1.54	15.5	0.63
KIT82	1.088	15.2	9.97	2.17	1.15	16.3	0.65
KIT83	0.988	15.7	9.34	2.17	1.21	17.0	0.71
KIT84	0.985	15.6	9.40	2.16	1.24	17.3	0.72
HSTK28	0.993	16.4	10.3	2.12	0.91	16.0	0.68
HSTK30	0.935	16.2	10.2	2.13	0.90	16.0	0.66
ave. meas. error		0.048	0.020	0.008	0.030	0.15	0.011
in %		0.3	0.2	0.4	2.6	0.9	1.6
ave. value M		16.	10.	2.1	1.2	16.	0.68
spread		0.78	0.62	0.045	0.24	0.70	0.035
in %		5.0	6.2	2.1	20.	4.3	5.3
#		6.	6.	6.	6.	6.	6.

Table ff: CRECP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
KIT79	1.004	4.01	4.90	72.3
KIT82	1.088	4.73	3.82	80.0
KIT83	0.988	3.75	4.28	69.2
KIT84	0.985	3.79	4.27	62.1
HSTK28	0.993	4.04	4.09	98.3
HSTK30	0.935	3.96	4.24	91.6
ave. meas. error		0.040	0.13	5.0
in %		1.0	3.1	6.3
ave. value M		4.0	4.3	79.
spread		0.35	0.35	14.
in %		8.8	8.3	18.
#		6.	6.	6.

Table: CREP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
CHAN15	0.954	8.61	0.57	121.	6.47	112.	7.76
CHAN16	0.954	9.28	0.29	133.	8.30	127.	7.19
CHAN19	0.864	9.37	0.60	123.	10.1	127.	5.14
CHAN20	0.922	10.7	0.65	110.	8.96	121.	6.88
CHAN21	0.911	8.94	0.91	146.	6.82	136.	7.89
CHAN23	1.108	8.47	0.78	141.	9.04	122.	6.47
CHAN37	1.022	8.91	0.41	165.	7.50	121.	5.14
CHAN42	1.123	7.86	0.56	150.	8.09	109.	7.05
CHAN43	1.025	8.22	0.41	149.	7.44	119.	6.72
CHAN44	0.947	7.43	0.57	141.	9.71	102.	6.67
CHAN45	1.112	7.87	1.67	141.	8.17	110.	6.76
ave. meas. error		0.18	0.27	1.4	0.18	3.0	0.23
in %		2.1	42.	1.0	2.2	2.6	3.4
ave. value M		8.7	0.64	138.	8.2	119.	6.7
spread		0.89	0.33	15.	1.1	9.7	0.89
in %		10.	53.	11.	14.	8.1	13.
#		11.	11.	11.	11.	11.	11.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
CHAN15	0.954	10.2	2.90	1.25	10.00	1.62	66.8
CHAN16	0.954	8.43	2.35	1.40	9.14	1.43	65.4
CHAN19	0.864	4.91	2.77	1.45	8.76	1.64	64.3
CHAN20	0.922	9.81	2.40	1.74	9.47	2.03	62.9
CHAN21	0.911	7.07	2.37	1.82	9.00	1.82	71.6
CHAN23	1.108	9.11	2.48	2.47	8.35	2.11	64.6
CHAN37	1.022	9.40	2.70	1.83	6.66	2.15	67.8
CHAN42	1.123	9.76	2.47	1.29	10.8	1.46	65.7
CHAN43	1.025	9.48	2.51	1.46	9.44	1.74	64.3
CHAN44	0.947	10.6	2.86	1.34	9.46	1.33	73.4
CHAN45	1.112	10.9	2.42	1.25	11.1	1.45	61.6
ave. meas. error		0.11	0.074	0.030	0.37	0.18	0.86
in %		1.2	2.9	1.9	4.0	11.	1.3
ave. value M		9.1	2.6	1.6	9.3	1.7	66.
spread		1.7	0.20	0.37	1.2	0.29	3.6
in %		19.	7.8	23.	13.	17.	5.4
#		11.	11.	11.	11.	11.	11.

Table ff: CREP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
CHAN15	0.954	0.75	84.9	0.38	65.0	42.9	97.3
CHAN16	0.954	0.63	84.0	0.35	61.2	82.0	137.
CHAN19	0.864	0.71	109.	0.34	67.9	73.4	110.
CHAN20	0.922	0.65	111.	0.36	63.2	102.	99.6
CHAN21	0.911	0.59	86.5	0.39	64.0	50.1	119.
CHAN23	1.108	0.64	212.	0.65	59.8	54.3	116.
CHAN37	1.022	0.62	114.	0.57	64.0	57.2	114.
CHAN42	1.123	0.73	87.6	0.40	63.4	62.9	94.3
CHAN43	1.025	0.73	90.2	0.38	66.8	39.0	93.3
CHAN44	0.947	0.78	108.	0.32	71.1	72.9	93.8
CHAN45	1.112	0.83	100.	0.40	53.4	35.6	116.
ave. meas. error		0.023	1.9	0.007	2.8	14.	10.
in %		3.4	1.8	1.6	4.4	23.	9.7
ave. value M		0.70	108.	0.41	64.	59.	106.
spread		0.075	36.	0.10	4.6	19.	13.
in %		11.	34.	25.	7.3	32.	12.
#		11.	11.	11.	11.	11.	11.

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
CHAN15	0.954	16.4	12.1	2.15	1.89	16.3	0.66
CHAN16	0.954	18.5	10.7	2.40	1.42	18.0	0.73
CHAN19	0.864	17.7	12.3	2.06	1.84	16.2	0.65
CHAN20	0.922	17.1	11.1	2.56	1.79	16.0	0.71
CHAN21	0.911	18.1	11.0	2.28	1.41	16.5	0.69
CHAN23	1.108	15.8	11.0	2.07	1.60	13.8	0.60
CHAN37	1.022	15.5	11.8	2.43	1.79	14.2	0.71
CHAN42	1.123	14.4	11.4	2.23	1.01	15.8	0.73
CHAN43	1.025	16.0	12.0	2.13	1.00	17.1	0.68
CHAN44	0.947	14.7	12.9	1.77	1.19	14.9	0.56
CHAN45	1.112	14.1	10.9	2.16	1.08	15.0	0.70
ave. meas. error		0.060	0.020	0.008	0.045	0.16	0.011
in %		0.4	0.2	0.4	3.1	1.0	1.6
ave. value M		16.	12.	2.2	1.5	16.	0.68
spread		1.5	0.70	0.21	0.35	1.2	0.053
in %		9.3	6.1	9.7	24.	7.7	7.8
#		11.	11.	11.	11.	11.	11.

Table ff: CREP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
CHAN15	0.954	3.65	4.79	86.8
CHAN16	0.954	4.26	4.17	68.7
CHAN19	0.864	4.03	4.69	105.
CHAN20	0.922	3.58	3.99	104.
CHAN21	0.911	4.21	3.76	80.2
CHAN23	1.108	3.56	4.11	104.
CHAN37	1.022	3.31	4.27	75.6
CHAN42	1.123	4.01	4.71	71.9
CHAN43	1.025	4.29	4.65	68.7
CHAN44	0.947	3.60	4.95	89.0
CHAN45	1.112	3.86	5.19	62.3
ave. meas. error		0.035	0.13	5.5
in %		0.9	3.0	6.6
ave. value M		3.9	4.5	83.
spread		0.33	0.44	16.
in %		8.6	9.9	19.
#		11.	11.	11.

Table: EMBP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
MYC13	1.102	7.82	12.0	63.1	31.0	321.	9.17
MYC31	1.001	8.19	8.45	67.2	32.3	238.	8.05
MYC46	1.033	7.56	8.16	63.8	36.6	285.	13.1
MYC49	1.102	7.84	8.71	63.3	35.7	269.	15.1
MYC50	1.055	7.66	8.33	68.3	41.4	248.	11.4
MYC51	0.977	7.67	8.11	62.9	33.8	287.	8.56
MYC52	0.990	7.51	10.1	63.4	38.1	283.	10.9
MYC54	1.022	7.59	7.66	63.1	39.5	287.	11.5
MYC55	0.955	8.36	8.60	59.9	42.2	272.	17.9
MYC61	0.973	8.11	8.66	64.1	34.2	281.	19.1
MYC63	0.967	8.39	6.09	65.4	33.4	308.	16.3
MYC65	0.952	7.94	8.28	64.4	36.8	266.	11.3
MYC71	1.093	8.23	12.2	63.3	35.1	293.	15.5
BRB38	1.084	7.67	12.6	60.3	31.4	343.	7.92
TIR17	0.941	8.44	7.43	64.9	35.1	243.	12.2
ASN36	0.960	7.70	6.72	62.7	34.9	276.	13.2
ASN40	0.972	8.22	8.46	66.2	34.3	196.	13.1
ASN45	0.939	8.54	6.01	64.1	29.0	223.	12.5
ASN50	1.017	8.33	7.42	63.3	36.6	310.	10.1
ASN51	0.962	8.26	5.87	64.9	40.3	316.	10.7
KRAK15	0.983	7.56	8.55	60.9	35.8	276.	14.1
PLAT08	1.035	7.49	9.31	63.4	30.8	257.	7.83
NICH11	0.939	8.03	8.60	68.9	31.2	240.	10.5
NICH12	1.019	7.74	7.79	66.4	36.0	244.	12.3
NICH13	0.946	8.03	5.49	65.1	34.6	293.	11.9
NICH15	0.930	7.73	8.91	64.4	36.3	285.	8.24
NICH16	1.073	7.40	10.9	60.9	38.2	288.	13.6
NICH17	1.014	7.18	9.38	62.1	38.3	281.	16.1
NICH18	0.970	8.03	4.81	65.2	30.2	301.	14.3
NICH19	0.964	7.77	7.97	61.1	37.9	283.	11.8
NICH20	1.013	7.63	6.41	65.8	33.0	249.	10.7
STEP17	1.009	7.95	7.77	67.0	30.8	303.	10.8
STEP21	1.020	8.25	6.43	53.1	36.5	301.	11.0
STEP22	1.072	7.40	12.3	61.4	36.0	302.	14.9
STEP23	0.984	7.75	9.25	59.5	29.5	299.	9.91
STEP24	0.940	7.98	7.14	64.7	35.1	256.	13.9
STEP25	0.952	8.07	5.24	62.4	32.8	316.	11.5
STEP26	1.005	7.76	6.93	62.7	39.0	340.	14.3
STEP27	0.970	8.23	8.15	64.0	32.0	241.	9.29
STEP28	0.986	8.25	8.68	60.6	33.0	298.	14.6

Table: EMBP

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
THEB14	0.977	8.03	8.70	60.5	35.4	264.	8.12
HWM19	1.046	8.04	13.0	59.8	33.3	300.	8.94
ave. meas. error		0.16	0.50	1.1	0.45	5.6	0.31
in %		2.1	6.0	1.8	1.3	2.0	2.6
ave. value M		7.9	8.3	63.	35.	280.	12.
spread		0.33	2.0	2.8	3.2	31.	2.8
in %		4.2	24.	4.5	9.2	11.	23.
#		42.	42.	42.	42.	42.	42.

Table ff: EMBP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
MYC13	1.102	4.91	1.22	4.94	3.69	2.78	31.6
MYC31	1.001	4.64	1.24	4.96	3.71	2.46	32.2
MYC46	1.033	4.48	1.22	5.13	3.58	3.05	30.9
MYC49	1.102	4.62	1.27	5.27	3.85	2.76	31.5
MYC50	1.055	4.80	1.19	4.97	2.85	3.20	32.2
MYC51	0.977	4.56	1.34	5.14	3.49	2.91	31.7
MYC52	0.990	4.65	1.27	5.14	3.69	2.17	31.4
MYC54	1.022	4.72	1.27	5.22	4.01	2.78	32.0
MYC55	0.955	4.48	1.27	5.53	2.87	2.60	31.0
MYC61	0.973	4.56	1.30	5.17	3.44	3.24	33.1
MYC63	0.967	4.23	1.16	4.99	3.49	3.02	32.0
MYC65	0.952	4.79	1.29	5.21	3.65	3.06	31.2
MYC71	1.093	4.66	1.19	4.86	3.09	2.61	32.9
BRB38	1.084	4.64	1.33	5.50	3.86	2.49	31.3
TIR17	0.941	4.54	1.13	5.18	3.72	2.80	33.1
ASN36	0.960	4.61	1.32	4.48	3.48	2.72	32.6
ASN40	0.972	4.78	1.28	4.51	2.87	3.08	33.7
ASN45	0.939	4.54	1.19	4.96	3.42	3.14	33.9
ASN50	1.017	4.56	1.19	5.33	4.24	2.54	31.7
ASN51	0.962	4.62	1.22	4.55	3.66	2.58	31.4
KRAK15	0.983	4.79	1.22	4.57	3.16	3.13	31.5
PLAT08	1.035	4.76	1.33	5.37	3.31	2.04	31.6
NICH11	0.939	4.27	1.18	5.24	3.47	2.95	34.6
NICH12	1.019	4.45	1.23	5.22	3.28	2.72	31.8
NICH13	0.946	4.74	1.23	4.63	3.68	2.99	32.6
NICH15	0.930	4.42	1.31	5.41	3.89	1.72	30.5
NICH16	1.073	5.05	1.28	4.72	2.84	2.10	32.1
NICH17	1.014	4.89	1.25	4.75	3.41	1.94	30.4
NICH18	0.970	4.65	1.23	4.86	3.29	2.54	32.1
NICH19	0.964	4.13	1.32	5.03	3.11	0.94	31.8
NICH20	1.013	4.67	1.20	4.99	3.65	2.38	30.8
STEP17	1.009	4.73	1.33	4.55	4.09	4.05	32.2
STEP21	1.020	4.76	1.12	5.41	3.08	3.06	31.1
STEP22	1.072	4.92	1.21	5.03	2.91	3.22	31.9
STEP23	0.984	4.91	1.20	5.13	3.38	2.82	31.8
STEP24	0.940	4.62	1.25	4.79	3.36	3.79	34.4
STEP25	0.952	4.71	1.13	4.97	3.27	3.31	30.8
STEP26	1.005	4.54	1.25	5.43	3.52	2.51	31.2
STEP27	0.970	4.90	1.14	4.53	3.19	3.13	33.6
STEP28	0.986	4.57	1.22	5.11	2.95	3.49	31.9

Table ff: EMBP

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
THEB14	0.977	4.55	1.46	5.22	3.01	2.56	33.3
HWM19	1.046	4.60	1.29	5.49	3.20	2.15	32.9
ave. meas. error		0.14	0.054	0.077	0.31	0.28	0.53
in %		3.1	4.4	1.5	9.1	10.	1.7
ave. value M		4.6	1.2	5.0	3.4	2.7	32.
spread		0.17	0.063	0.30	0.34	0.56	1.0
in %		3.7	5.0	5.9	9.8	20.	3.2
#		42.	42.	42.	42.	42.	42.

Table ff: EMBP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
MYC13	1.102	0.43	911.	0.58	29.1	264.	128.
MYC31	1.001	0.42	1076.	0.42	28.2	240.	126.
MYC46	1.033	0.41	1061.	0.36	30.9	361.	170.
MYC49	1.102	0.41	1065.	0.39	28.3	284.	138.
MYC50	1.055	0.40	1310.	0.39	30.1	333.	203.
MYC51	0.977	0.41	856.	0.26	31.2	336.	155.
MYC52	0.990	0.40	103.	0.56	26.7	351.	145.
MYC54	1.022	0.38	1051.	0.42	29.6	331.	106.
MYC55	0.955	0.39	1107.	0.27	28.0	342.	174.
MYC61	0.973	0.39	892.	0.30	30.7	321.	224.
MYC63	0.967	0.38	666.	0.51	28.9	330.	199.
MYC65	0.952	0.38	832.	0.44	28.7	288.	151.
MYC71	1.093	0.40	892.	0.37	29.4	319.	160.
BRB38	1.084	0.41	1076.	0.64	27.1	272.	167.
TIR17	0.941	0.38	811.	0.34	27.0	302.	182.
ASN36	0.960	0.42	571.	0.49	31.9	372.	132.
ASN40	0.972	0.41	807.	0.35	30.9	250.	131.
ASN45	0.939	0.42	691.	0.37	30.0	220.	201.
ASN50	1.017	0.42	972.	0.49	27.0	343.	166.
ASN51	0.962	0.42	566.	0.46	27.7	403.	170.
KRAK15	0.983	0.39	909.	0.58	28.4	330.	170.
PLAT08	1.035	0.42	1004.	0.56	26.6	215.	161.
NICH11	0.939	0.41	809.	0.34	29.7	285.	197.
NICH12	1.019	0.42	1174.	0.31	28.4	278.	173.
NICH13	0.946	0.38	569.	0.32	28.3	328.	149.
NICH15	0.930	0.39	788.	1.04	30.1	299.	79.1
NICH16	1.073	0.38	954.	0.32	26.9	344.	183.
NICH17	1.014	0.41	859.	0.30	27.6	355.	157.
NICH18	0.970	0.41	641.	0.46	28.0	323.	159.
NICH19	0.964	0.41	1113.	(1.07)	25.9	339.	84.8
NICH20	1.013	0.43	942.	0.40	30.0	260.	162.
STEP17	1.009	0.40	670.	0.41	23.8	318.	163.
STEP21	1.020	0.41	925.	0.53	29.3	372.	126.
STEP22	1.072	0.43	952.	0.42	28.3	354.	173.
STEP23	0.984	0.39	1039.	0.36	30.0	369.	175.
STEP24	0.940	0.41	856.	0.34	32.8	267.	181.
STEP25	0.952	0.44	584.	0.43	29.7	366.	180.
STEP26	1.005	0.41	730.	0.59	28.5	363.	145.
STEP27	0.970	0.41	697.	0.39	30.9	265.	167.
STEP28	0.986	0.41	881.	0.40	29.6	354.	179.

Table ff: EMBP

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
THEB14	0.977	0.44	1028.	0.38	30.2	282.	154.
HWM19	1.046	0.41	999.	0.68	30.0	289.	164.
ave. meas. error		0.018	9.9	0.009	1.9	21.	22.
in %		4.4	1.1	2.1	6.6	6.7	14.
ave. value M		0.41	886.	0.44	29.	314.	156.
spread		0.018	180.	0.14	1.9	45.	28.
in %		4.4	20.	32.	6.6	14.	18.
#		42.	41.	41.	42.	42.	42.

Table ff: EMBP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
MYC13	1.102	21.5	5.43	0.84	0.89	11.1	0.40
MYC31	1.001	20.3	5.46	0.90	0.86	10.7	0.42
MYC46	1.033	21.4	5.34	0.86	0.71	10.8	0.45
MYC49	1.102	21.1	5.20	0.83	0.87	10.1	0.44
MYC50	1.055	20.4	5.43	0.82	0.78	10.1	0.38
MYC51	0.977	21.0	5.38	0.83	0.91	10.1	0.44
MYC52	0.990	21.6	5.30	0.84	0.82	10.4	0.43
MYC54	1.022	21.2	5.27	0.81	0.75	10.1	0.41
MYC55	0.955	21.6	5.15	0.80	0.81	10.5	0.42
MYC61	0.973	21.9	5.34	0.81	0.70	10.6	0.43
MYC63	0.967	22.4	5.09	0.93	0.73	11.8	0.47
MYC65	0.952	21.2	5.36	0.83	0.80	10.3	0.43
MYC71	1.093	21.4	5.25	0.84	0.79	10.1	0.42
BRB38	1.084	21.5	5.21	0.83	0.80	10.5	0.43
TIR17	0.941	22.2	5.22	0.85	0.85	10.8	0.45
ASN36	0.960	21.3	5.44	0.82	0.83	10.5	0.44
ASN40	0.972	20.5	5.43	0.79	0.82	11.2	0.45
ASN45	0.939	21.7	5.16	0.85	0.83	11.5	0.46
ASN50	1.017	21.6	5.19	0.80	0.76	10.1	0.45
ASN51	0.962	21.5	5.18	0.86	0.73	10.5	0.41
KRAK15	0.983	20.9	5.15	0.83	0.77	9.87	0.41
PLAT08	1.035	21.0	5.59	0.80	0.88	10.4	0.41
NICH11	0.939	21.5	5.27	0.98	0.79	11.2	0.41
NICH12	1.019	20.8	5.25	0.98	0.83	10.8	0.41
NICH13	0.946	21.7	5.23	1.01	0.71	11.2	0.44
NICH15	0.930	21.6	5.35	0.94	0.77	11.1	0.44
NICH16	1.073	21.0	5.43	0.89	0.73	9.96	0.48
NICH17	1.014	21.0	5.23	0.90	0.84	10.3	0.45
NICH18	0.970	22.0	5.28	0.97	0.73	11.2	0.46
NICH19	0.964	21.2	5.47	0.91	0.81	10.6	0.47
NICH20	1.013	20.4	5.30	0.99	0.80	11.2	0.47
STEP17	1.009	21.3	5.30	0.88	0.84	11.4	0.41
STEP21	1.020	22.6	5.15	0.83	0.88	10.7	0.47
STEP22	1.072	21.2	5.25	0.77	0.72	10.5	0.41
STEP23	0.984	21.4	5.34	0.75	0.88	10.0	0.43
STEP24	0.940	21.6	5.22	0.77	0.83	11.0	0.42
STEP25	0.952	21.9	5.06	0.83	0.85	10.8	0.43
STEP26	1.005	20.1	5.34	0.84	0.76	10.3	0.44
STEP27	0.970	20.4	5.43	0.83	0.94	11.4	0.42
STEP28	0.986	22.0	5.20	0.80	0.75	10.6	0.42

Table ff: EMBP

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
THEB14	0.977	22.0	5.26	0.77	0.77	10.5	0.45
HWM19	1.046	21.7	5.38	0.82	0.81	10.8	0.41
ave. meas. error		0.069	0.033	0.006	0.052	0.18	0.015
in %		0.3	0.6	0.7	6.5	1.7	3.4
ave. value M		21.	5.3	0.85	0.80	11.	0.43
spread		0.57	0.11	0.065	0.059	0.47	0.021
in %		2.7	2.2	7.6	7.4	4.4	4.9
#		42.	42.	42.	42.	42.	42.

Table ff: EMBP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
MYC13	1.102	2.19	2.64	137.
MYC31	1.001	2.59	2.85	106.
MYC46	1.033	2.31	3.00	95.0
MYC49	1.102	2.53	2.88	115.
MYC50	1.055	2.37	2.93	136.
MYC51	0.977	2.42	2.84	110.
MYC52	0.990	2.75	2.84	116.
MYC54	1.022	2.39	3.08	152.
MYC55	0.955	2.49	2.70	142.
MYC61	0.973	2.40	2.57	115.
MYC63	0.967	2.45	2.76	126.
MYC65	0.952	2.69	2.78	124.
MYC71	1.093	2.79	2.83	109.
BRB38	1.084	2.40	2.71	130.
TIR17	0.941	2.31	3.08	132.
ASN36	0.960	2.47	2.77	109.
ASN40	0.972	2.54	2.80	113.
ASN45	0.939	2.45	2.93	90.1
ASN50	1.017	2.45	2.66	93.6
ASN51	0.962	2.46	2.88	120.
KRAK15	0.983	3.13	2.70	252.
PLAT08	1.035	2.71	2.80	108.
NICH11	0.939	2.54	2.85	110.
NICH12	1.019	2.48	2.83	143.
NICH13	0.946	2.34	2.86	113.
NICH15	0.930	2.22	2.87	124.
NICH16	1.073	2.74	2.64	128.
NICH17	1.014	2.69	2.81	136.
NICH18	0.970	2.37	2.72	113.
NICH19	0.964	2.58	2.72	108.
NICH20	1.013	2.51	2.77	99.3
STEP17	1.009	2.57	2.60	77.7
STEP21	1.020	2.53	2.50	81.6
STEP22	1.072	2.59	2.86	124.
STEP23	0.984	2.67	2.81	131.
STEP24	0.940	2.37	2.70	133.
STEP25	0.952	2.36	2.88	88.5
STEP26	1.005	2.56	2.66	104.
STEP27	0.970	2.57	2.80	102.
STEP28	0.986	2.71	2.78	115.

Table ff: EMBP

Sample	dil.factor	U	Yb	Zn
THEB14	0.977	2.36	2.60	136.
HWM19	1.046	2.30	2.79	132.
ave. meas. error		0.026	0.11	8.5
in %		1.0	3.9	7.3
ave. value M		2.5	2.8	117.
spread		0.18	0.12	17.
in %		7.0	4.3	15.
#		42.	42.	41.

Table: HW1P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
HWM90	0.996	9.51	2.69	14.9	38.6	160.	1.61
HWM91	1.005	8.55	1.81	6.63	53.9	386.	1.83
HWM94	1.058	10.3	3.39	18.0	42.4	176.	1.79
HWM95	1.039	8.12	3.01	13.0	36.0	271.	1.16
HWM96	0.883	8.61	3.18	17.7	44.0	246.	0.38
HWM97	0.983	9.06	0.79	17.1	27.8	73.7	0.59
HWM99	1.001	10.1	3.10	16.1	42.1	193.	0.47
ave. meas. error		0.31	0.55	1.2	0.54	4.5	0.21
in %		3.4	22.	8.2	1.3	2.1	20.
ave. value M		9.2	2.5	15.	41.	215.	1.1
spread		0.80	0.98	4.0	8.0	99.	0.64
in %		8.7	39.	27.	20.	46.	60.
#		7.	7.	7.	7.	7.	7.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
HWM90	0.996	4.03	0.83	7.58	2.77	0.82	9.76
HWM91	1.005	3.40	0.86	9.26	2.68	1.09	9.25
HWM94	1.058	3.33	0.81	8.01	1.99	1.04	9.73
HWM95	1.039	4.34	0.93	8.37	1.99	0.76	8.31
HWM96	0.883	3.85	0.94	8.27	2.58	0.62	8.04
HWM97	0.983	4.03	0.87	8.97	2.60	0.91	8.55
HWM99	1.001	3.39	0.86	8.45	2.54	0.24	9.21
ave. meas. error		0.17	0.072	0.12	0.44	0.26	0.47
in %		4.6	8.3	1.5	18.	35.	5.2
ave. value M		3.8	0.87	8.4	2.5	0.76	8.9
spread		0.39	0.072	0.57	0.44	0.29	0.69
in %		10.	8.3	6.7	18.	39.	7.7
#		7.	7.	7.	7.	7.	7.

Table ff: HW1P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
HWM90	0.996	0.36	1253.	1.38	10.9	81.7	81.7
HWM91	1.005	0.34	1609.	0.56	9.05	99.5	61.3
HWM94	1.058	0.32	1006.	1.17	12.1	71.9	52.9
HWM95	1.039	0.41	1086.	1.47	10.3	102.	24.9
HWM96	0.883	0.42	1104.	0.97	11.8	102.	53.0
HWM97	0.983	0.41	1051.	1.51	11.7	92.4	60.0
HWM99	1.001	0.33	995.	1.19	7.41	121.	34.0
ave. meas. error		0.019	12.	0.014	1.4	26.	20.
in %		5.2	1.0	1.2	13.	28.	36.
ave. value M		0.37	1157.	1.2	11.	92.	55.
spread		0.043	216.	0.33	1.5	26.	20.
in %		12.	19.	28.	14.	28.	36.
#		7.	7.	7.	7.	7.	7.

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
HWM90	0.996	35.5	2.56	0.39	0.68	3.09	0.43
HWM91	1.005	41.0	2.36	0.33	0.54	2.65	0.40
HWM94	1.058	43.6	2.48	0.38	0.69	2.58	0.46
HWM95	1.039	41.2	2.67	0.37	0.63	2.38	0.55
HWM96	0.883	42.1	2.58	1.81	0.45	3.45	0.50
HWM97	0.983	39.9	2.51	1.66	0.61	2.53	0.53
HWM99	1.001	45.3	2.34	0.40	0.65	2.47	0.56
ave. meas. error		0.12	0.010	0.008	0.068	0.19	0.019
in %		0.3	0.4	1.0	11.	6.8	3.8
ave. value M		41.	2.5	0.76	0.61	2.8	0.49
spread		3.1	0.12	0.67	0.085	0.39	0.061
in %		7.5	4.7	87.	14.	14.	12.
#		7.	7.	7.	7.	7.	7.

Table ff: HW1P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
HWM90	0.996	0.63	2.31	165.
HWM91	1.005	0.69	2.34	122.
HWM94	1.058	0.62	2.21	52.9
HWM95	1.039	0.59	2.74	76.9
HWM96	0.883	0.76	2.60	94.5
HWM97	0.983	0.64	2.50	135.
HWM99	1.001	0.65	2.28	76.1
ave. meas. error		0.021	0.11	15.
in %		3.3	4.3	14.
ave. value M		0.66	2.4	104.
spread		0.056	0.20	39.
in %		8.5	8.1	38.
#		7.	7.	7.

Table: HW2P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
HWM102	1.008	8.27	0.81	97.2	7.85	124.	7.01
HWM103	1.002	8.28	0.60	100.	7.92	120.	7.09
HWM105	0.988	8.32	0.20	101.	7.68	124.	6.53
ave. meas. error		0.13	0.23	1.3	0.20	3.6	0.30
in %		1.6	46.	1.3	2.5	2.9	4.4
ave. value M		8.3	0.49	100.	7.8	122.	6.9
spread		0.13	0.30	2.1	0.20	3.6	0.30
in %		1.6	61.	2.2	2.5	2.9	4.4
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
HWM102	1.008	6.09	1.59	1.48	9.62	1.44	45.8
HWM103	1.002	5.95	1.50	1.50	8.94	1.37	46.9
HWM105	0.988	6.08	1.61	1.45	9.49	1.17	47.5
ave. meas. error		0.083	0.083	0.036	0.45	0.14	0.66
in %		1.4	5.3	2.4	4.9	10.	1.4
ave. value M		6.0	1.6	1.5	9.3	1.3	47.
spread		0.083	0.083	0.036	0.45	0.15	0.91
in %		1.4	5.3	2.4	4.9	11.	1.9
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
HWM102	1.008	0.49	126.	0.35	44.7	67.5	116.
HWM103	1.002	0.48	127.	0.36	45.9	29.1	131.
HWM105	0.988	0.50	116.	0.35	45.7	40.5	122.
ave. meas. error		0.025	2.0	0.006	3.1	16.	19.
in %		5.0	1.6	1.7	6.7	38.	15.
ave. value M		0.49	123.	0.35	45.	42.	123.
spread		0.025	6.4	0.008	3.1	19.	19.
in %		5.0	5.2	2.2	6.7	45.	15.
#		3.	3.	3.	3.	3.	3.

Table ff: HW2P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
HWM102	1.008	15.8	7.44	2.07	1.04	16.4	0.61
HWM103	1.002	15.8	7.68	2.10	0.94	16.6	0.62
HWM105	0.988	15.8	7.58	2.08	1.08	16.7	0.61
ave. meas. error		0.066	0.017	0.011	0.052	0.20	0.010
in %		0.4	0.2	0.5	5.2	1.2	1.7
ave. value M		16.	7.6	2.1	1.0	17.	0.61
spread		0.066	0.12	0.018	0.072	0.20	0.010
in %		0.42	1.6	0.85	7.2	1.2	1.7
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	U	Yb	Zn
HWM102	1.008	4.35	3.73	67.5
HWM103	1.002	4.36	3.32	60.1
HWM105	0.988	4.30	3.84	69.2
ave. meas. error		0.040	0.16	6.1
in %		0.9	4.5	9.5
ave. value M		4.3	3.6	64.
spread		0.040	0.28	6.1
in %		0.92	7.6	9.5
#		3.	3.	3.

Table: HW3P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
HWM106	0.974	10.3	4.38	83.9	21.3	138.	9.18
HWM107	1.050	9.52	7.87	83.6	21.5	123.	9.26
HWM108	0.976	10.4	3.42	82.6	21.4	135.	9.19
ave. meas. error		0.17	0.37	1.4	0.39	4.0	0.38
in %		1.7	7.1	1.7	1.8	3.0	4.1
ave. value M		10.	5.2	83.	21.	132.	9.2
spread		0.49	2.3	1.4	0.39	8.0	0.38
in %		4.8	45.	1.7	1.8	6.1	4.1
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
HWM106	0.974	5.40	1.33	5.64	4.47	1.75	41.5
HWM107	1.050	5.50	1.22	5.50	5.01	2.37	39.6
HWM108	0.976	5.43	1.36	5.72	5.30	1.85	41.1
ave. meas. error		0.096	0.080	0.096	0.41	0.20	0.60
in %		1.8	6.1	1.7	8.4	9.9	1.5
ave. value M		5.4	1.3	5.6	4.9	2.0	41.
spread		0.096	0.080	0.11	0.43	0.33	1.00
in %		1.8	6.1	2.0	8.7	16.	2.4
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
HWM106	0.974	0.42	446.	0.18	37.7	101.	183.
HWM107	1.050	0.44	481.	0.27	37.4	64.0	218.
HWM108	0.976	0.41	373.	0.22	40.8	72.2	204.
ave. meas. error		0.022	4.0	0.006	2.7	25.	31.
in %		5.1	0.9	2.9	7.1	32.	15.
ave. value M		0.43	433.	0.22	39.	79.	200.
spread		0.022	55.	0.043	2.7	25.	31.
in %		5.1	13.	19.	7.1	32.	15.
#		3.	3.	3.	3.	3.	3.

Table ff: HW3P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
HWM106	0.974	20.9	6.40	1.25	0.99	15.2	0.50
HWM107	1.050	20.6	6.24	1.26	0.99	14.8	0.48
HWM108	0.976	21.2	6.50	1.29	0.93	14.8	0.53
ave. meas. error		0.080	0.010	0.010	0.070	0.21	0.013
in %		0.4	0.2	0.8	7.2	1.4	2.5
ave. value M		21.	6.4	1.3	0.97	15.	0.51
spread		0.32	0.13	0.022	0.070	0.25	0.026
in %		1.5	2.1	1.7	7.2	1.7	5.2
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	U	Yb	Zn
HWM106	0.974	3.30	3.08	151.
HWM107	1.050	4.37	2.96	121.
HWM108	0.976	3.33	2.93	145.
ave. meas. error		0.030	0.14	9.0
in %		0.8	4.6	6.5
ave. value M		3.7	3.0	139.
spread		0.61	0.14	16.
in %		17.	4.6	11.
#		3.	3.	3.

Table: HW4P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
HWM72	1.009	7.67	5.85	65.1	20.8	188.	8.89
HWM73	0.989	7.83	4.55	70.5	20.3	157.	9.90
HWM74	0.999	7.86	4.80	67.6	20.9	146.	9.68
ave. meas. error		0.16	0.40	0.90	0.29	3.0	0.26
in %		2.0	7.9	1.3	1.4	1.8	2.7
ave. value M		7.8	5.1	68.	21.	164.	9.5
spread		0.16	0.69	2.7	0.35	22.	0.53
in %		2.0	14.	4.0	1.7	13.	5.6
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
HWM72	1.009	4.78	1.17	4.31	4.51	2.94	33.2
HWM73	0.989	4.11	1.37	4.14	3.80	2.87	35.5
HWM74	0.999	4.40	1.28	4.10	4.66	2.75	32.3
ave. meas. error		0.18	0.070	0.060	0.30	0.26	0.60
in %		4.1	5.5	1.4	6.9	9.1	1.8
ave. value M		4.4	1.3	4.2	4.3	2.9	34.
spread		0.34	0.099	0.11	0.46	0.26	1.7
in %		7.6	7.8	2.7	11.	9.1	5.0
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
HWM72	1.009	0.36	739.	0.91	27.9	121.	154.
HWM73	0.989	0.36	633.	0.75	28.6	111.	151.
HWM74	0.999	0.39	621.	0.77	31.2	95.9	179.
ave. meas. error		0.015	6.4	0.011	1.8	16.	19.
in %		4.1	1.0	1.4	6.0	15.	12.
ave. value M		0.37	664.	0.81	29.	110.	160.
spread		0.015	65.	0.087	1.8	16.	19.
in %		4.1	9.7	11.	6.0	15.	12.
#		3.	3.	3.	3.	3.	3.

Table ff: HW4P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
HWM72	1.009	17.2	4.99	0.79	0.73	14.2	0.39
HWM73	0.989	16.8	5.24	0.77	0.57	17.0	0.37
HWM74	0.999	16.9	5.20	0.76	0.71	15.5	0.38
ave. meas. error		0.060	0.010	0.006	0.050	0.15	0.015
in %		0.4	0.2	0.8	7.5	0.9	3.8
ave. value M		17.	5.1	0.77	0.67	16.	0.38
spread		0.21	0.13	0.015	0.084	1.4	0.015
in %		1.2	2.6	2.0	13.	9.0	3.8
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	U	Yb	Zn
HWM72	1.009	3.08	2.31	95.9
HWM73	0.989	3.58	2.54	88.0
HWM74	0.999	3.50	2.33	112.
ave. meas. error		0.030	0.090	9.3
in %		0.9	3.8	9.5
ave. value M		3.4	2.4	98.
spread		0.27	0.13	12.
in %		8.0	5.4	12.
#		3.	3.	3.

Table: M1P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
MYC77	0.999	9.95	8.89	79.9	26.2	174.	7.08
ASN57	1.005	9.99	2.71	80.0	22.5	209.	8.98
ZYGO40	0.983	8.94	7.27	82.8	27.3	227.	7.09
THEB24	1.003	10.1	4.21	80.5	23.9	180.	9.75
ave. meas. error		0.20	0.48	1.1	0.32	4.6	0.26
in %		2.1	8.2	1.4	1.3	2.3	3.2
ave. value M		9.7	5.8	80.	25.	197.	8.2
spread		0.54	2.8	1.1	2.2	25.	1.4
in %		5.6	49.	1.4	8.7	13.	16.
#		4.	4.	4.	4.	4.	4.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
MYC77	0.999	5.71	1.49	5.27	4.96	2.27	36.4
ASN57	1.005	5.87	1.45	5.21	4.84	3.32	38.4
ZYGO40	0.983	5.34	1.59	4.66	5.49	2.26	39.9
THEB24	1.003	5.23	1.61	5.59	4.88	3.69	37.7
ave. meas. error		0.14	0.045	0.070	0.30	0.28	0.89
in %		2.6	3.0	1.4	6.0	9.7	2.3
ave. value M		5.6	1.5	5.2	5.0	2.8	38.
spread		0.31	0.074	0.39	0.30	0.72	1.2
in %		5.5	4.9	7.4	6.0	26.	3.0
#		4.	4.	4.	4.	4.	4.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
MYC77	0.999	0.47	770.	0.66	33.6	127.	131.
ASN57	1.005	0.50	846.	1.10	37.9	118.	194.
ZYGO40	0.983	0.47	836.	0.55	35.5	179.	141.
THEB24	1.003	0.47	924.	0.96	32.7	172.	161.
ave. meas. error		0.018	9.6	0.012	1.8	18.	17.
in %		3.9	1.1	1.4	5.2	12.	11.
ave. value M		0.48	844.	0.81	35.	146.	154.
spread		0.018	63.	0.25	2.2	31.	27.
in %		3.9	7.5	31.	6.3	21.	18.
#		4.	4.	4.	4.	4.	4.

Table ff: M1P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
MYC77	0.999	22.9	6.69	1.34	1.03	13.0	0.57
ASN57	1.005	21.7	6.36	1.05	0.98	14.4	0.48
ZYGO40	0.983	21.3	6.73	1.19	1.09	14.3	0.48
THEB24	1.003	23.0	6.27	1.07	0.98	14.5	0.48
ave. meas. error		0.068	0.068	0.006	0.048	0.17	0.020
in %		0.3	1.0	0.5	4.7	1.2	3.9
ave. value M		22.	6.5	1.2	1.0	14.	0.50
spread		0.85	0.24	0.13	0.048	0.72	0.038
in %		3.8	3.6	11.	4.7	5.1	7.5
#		4.	4.	4.	4.	4.	4.

Sample	dil.factor	U	Yb	Zn
MYC77	0.999	2.49	3.31	140.
ASN57	1.005	2.43	3.31	114.
ZYGO40	0.983	2.92	2.84	117.
THEB24	1.003	2.57	3.08	96.3
ave. meas. error		0.045	0.082	6.8
in %		1.7	2.6	5.8
ave. value M		2.6	3.1	118.
spread		0.22	0.22	18.
in %		8.4	7.1	15.
#		4.	4.	4.

Table: M2P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
KRAK09	1.020	6.42	11.7	48.5	18.7	325.	6.63
KRAK18	0.928	6.48	8.17	49.7	20.4	359.	6.13
KRAK19	1.047	6.05	11.3	47.6	19.6	372.	5.74
KRAK42	1.108	6.73	10.9	48.6	18.7	386.	5.98
CHOR17	0.912	7.12	9.67	53.3	23.2	271.	5.89
KALL04	0.991	6.14	11.8	50.7	18.2	434.	6.04
ave. meas. error		0.12	0.50	0.92	0.30	5.6	0.21
in %		1.8	4.7	1.9	1.5	1.6	3.5
ave. value M		6.5	11.	50.	20.	358.	6.1
spread		0.39	1.4	1.9	1.8	55.	0.33
in %		6.1	13.	3.9	9.3	15.	5.5
#		6.	6.	6.	6.	6.	6.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
KRAK09	1.020	4.17	1.06	4.20	4.17	1.54	25.2
KRAK18	0.928	3.94	1.08	4.26	5.00	1.56	23.4
KRAK19	1.047	4.43	1.12	4.13	4.63	1.81	24.9
KRAK42	1.108	3.96	0.85	4.27	4.90	1.80	23.5
CHOR17	0.912	3.99	1.07	4.47	3.58	2.01	26.3
KALL04	0.991	3.83	1.05	4.30	4.54	1.27	26.0
ave. meas. error		0.16	0.052	0.058	0.29	0.23	0.50
in %		3.9	5.0	1.3	6.5	14.	2.0
ave. value M		4.0	1.0	4.3	4.4	1.7	25.
spread		0.16	0.095	0.11	0.51	0.27	1.2
in %		3.9	9.1	2.5	11.	16.	4.9
#		6.	6.	6.	6.	6.	6.

Table ff: M2P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
KRAK09	1.020	0.33	570.	1.05	21.5	216.	81.6
KRAK18	0.928	0.34	661.	1.17	20.7	260.	87.2
KRAK19	1.047	0.36	566.	1.02	22.4	260.	76.4
KRAK42	1.108	0.39	515.	1.26	21.3	224.	101.
CHOR17	0.912	0.32	643.	0.64	23.6	177.	96.7
KALL04	0.991	0.33	526.	0.97	23.9	274.	70.4
ave. meas. error		0.017	7.5	0.012	1.7	17.	11.
in %		5.0	1.3	1.2	7.6	7.2	13.
ave. value M		0.34	580.	1.0	22.	234.	81.
spread		0.024	60.	0.21	1.7	36.	11.
in %		6.9	10.	21.	7.6	16.	13.
#		6.	6.	6.	6.	6.	6.

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
KRAK09	1.020	17.0	4.44	0.71	0.69	8.49	0.34
KRAK18	0.928	16.7	4.21	0.73	0.73	8.31	0.37
KRAK19	1.047	16.4	4.28	0.75	0.73	7.37	0.36
KRAK42	1.108	16.6	3.99	0.72	0.58	8.99	0.35
CHOR17	0.912	16.7	4.56	0.77	0.76	9.13	0.35
KALL04	0.991	16.4	4.47	0.89	0.61	8.37	0.36
ave. meas. error		0.054	0.010	0.020	0.042	0.15	0.015
in %		0.3	0.2	2.6	6.1	1.7	4.3
ave. value M		17.	4.3	0.76	0.69	8.4	0.36
spread		0.24	0.21	0.068	0.066	0.62	0.015
in %		1.4	4.8	9.0	9.6	7.3	4.3
#		6.	6.	6.	6.	6.	6.

Table ff: M2P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
KRAK09	1.020	2.26	2.40	139.
KRAK18	0.928	2.57	2.27	95.6
KRAK19	1.047	1.90	2.43	94.2
KRAK42	1.108	2.39	2.39	106.
CHOR17	0.912	2.74	2.27	92.1
KALL04	0.991	1.98	2.42	89.2
ave. meas. error		0.023	0.10	7.4
in %		1.0	4.4	7.2
ave. value M		2.3	2.4	103.
spread		0.33	0.10	19.
in %		14.	4.4	18.
#		6.	6.	6.

Table: MBGP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
GLAS01	1.000	7.65	7.50	62.0	26.8	269.	6.46
GLAS02	0.999	7.85	6.59	62.7	26.4	254.	6.47
ave. meas. error		0.15	0.50	0.90	0.40	4.0	0.24
in %		1.9	7.1	1.4	1.5	1.5	3.8
ave. value M		7.7	7.0	62.	27.	261.	6.5
spread		0.15	0.64	0.90	0.40	11.	0.24
in %		1.9	9.1	1.4	1.5	4.1	3.8
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
GLAS01	1.000	4.20	1.15	5.56	3.86	1.80	29.8
GLAS02	0.999	4.46	1.25	5.47	4.63	1.96	30.7
ave. meas. error		0.31	0.063	0.074	0.27	0.24	0.60
in %		7.2	5.2	1.4	6.5	13.	2.0
ave. value M		4.3	1.2	5.5	4.2	1.9	30.
spread		0.31	0.075	0.074	0.54	0.24	0.61
in %		7.2	6.3	1.4	13.	13.	2.0
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
GLAS01	1.000	0.43	921.	0.54	25.4	192.	129.
GLAS02	0.999	0.39	788.	0.55	24.8	196.	117.
ave. meas. error		0.017	12.	0.009	1.6	17.	12.
in %		4.1	1.4	1.7	6.4	9.0	10.
ave. value M		0.41	855.	0.54	25.	194.	122.
spread		0.029	94.	0.011	1.6	17.	12.
in %		7.1	11.	2.0	6.4	9.0	10.
#		2.	2.	2.	2.	2.	2.

Table ff: MBGP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
GLAS01	1.000	21.1	4.92	1.07	0.73	11.9	0.50
GLAS02	0.999	20.9	5.02	1.07	0.82	11.7	0.52
ave. meas. error		0.070	0.010	0.005	0.050	0.13	0.016
in %		0.3	0.2	0.5	6.5	1.1	3.1
ave. value M		21.	5.0	1.1	0.77	12.	0.51
spread		0.16	0.074	0.005	0.063	0.13	0.016
in %		0.74	1.5	0.47	8.1	1.1	3.1
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	U	Yb	Zn
GLAS01	1.000	2.34	2.86	105.
GLAS02	0.999	2.36	2.71	104.
ave. meas. error		0.030	0.095	6.4
in %		1.3	3.4	6.2
ave. value M		2.3	2.8	104.
spread		0.030	0.11	6.4
in %		1.3	3.8	6.2
#		2.	2.	2.

Table: MBP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
MYC9	1.018	8.01	10.7	63.4	28.5	214.	9.61
MYC10	1.004	8.37	9.84	64.0	27.6	201.	9.70
MYC11	0.933	8.60	7.93	63.2	28.3	208.	9.61
MYC12	1.005	8.33	9.35	63.1	27.3	228.	9.25
MYC14	1.039	8.11	10.7	63.2	27.4	201.	9.02
MYC15	1.043	7.86	9.07	62.6	26.9	242.	9.02
MCY16	1.007	8.26	10.7	62.7	31.1	225.	10.9
MYC17	1.054	8.31	9.38	64.3	28.1	266.	8.84
MYC18	1.001	8.44	9.81	62.2	28.0	226.	9.61
MYC19	0.997	8.24	9.67	60.2	29.6	220.	10.4
MYC21	0.997	8.09	9.57	60.5	29.9	215.	8.57
MYC22	1.040	7.94	9.05	62.8	30.3	216.	10.1
MYC23	1.007	8.22	9.97	64.4	28.4	224.	8.46
MYC24	0.997	8.22	8.97	62.7	28.5	225.	8.88
MYC25	1.009	7.95	9.99	63.1	29.0	240.	8.19
MYC26	1.026	8.52	10.8	60.5	30.4	241.	9.15
MYC27	1.021	8.69	12.6	62.7	28.1	206.	9.64
MYC28	1.054	8.23	10.5	61.9	27.9	259.	8.47
MYC29	1.036	9.16	13.7	59.9	29.7	278.	10.1
MYC32	1.017	8.37	14.2	60.9	28.7	264.	8.47
MYC33	0.931	9.17	8.47	61.1	30.4	255.	9.61
MYC34	0.988	8.54	10.7	60.8	29.5	(326.)	8.71
MYC35	1.007	8.59	11.1	60.6	33.1	251.	9.00
MYC36	0.962	8.84	11.3	59.2	28.6	246.	8.83
MYC38	1.038	8.17	10.4	62.5	29.3	269.	8.40
MYC42	1.065	8.05	11.5	63.2	31.2	249.	10.2
MYC43	1.098	7.93	(15.8)	62.1	29.5	245.	8.79
MYC47	1.037	7.81	10.9	59.8	32.4	216.	8.31
MYC48	0.915	8.72	7.87	61.9	29.8	221.	8.96
MYC53	0.948	8.46	9.10	64.3	28.1	233.	9.44
MYC56	0.980	8.58	9.41	62.6	26.9	251.	8.13
MYC57	0.926	8.26	8.06	63.2	27.3	216.	8.40
MYC58	0.954	8.74	10.0	62.3	30.6	278.	10.2
MYC59	0.874	8.67	7.78	62.5	29.8	253.	9.19
MYC60	1.055	8.52	9.60	61.4	30.9	307.	7.29
MYC62	0.908	8.47	6.99	63.2	28.5	230.	9.21
MYC64	0.902	8.53	7.40	62.7	28.5	224.	8.99
MYC66	0.966	8.72	9.71	61.0	32.2	263.	9.14
MYC67	1.014	8.96	9.50	60.6	29.5	304.	9.55
MYC68	0.993	8.87	11.8	61.5	29.4	273.	9.68

Table: MBP

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
MYC69	0.924	8.99	8.41	62.2	27.9	258.	9.59
MYC72	0.975	8.83	10.7	60.7	29.0	293.	9.02
MYC73	0.978	8.21	11.1	61.3	30.7	(337.)	8.47
MYC74	0.925	8.73	8.32	62.7	27.8	237.	9.52
MYC75	0.952	8.21	11.8	58.6	30.4	318.	8.88
MYC76	0.975	8.77	8.68	61.1	29.7	256.	9.78
MYC78	0.922	8.96	8.57	62.3	28.4	240.	10.0
MYC79	0.955	8.84	8.21	64.7	28.2	232.	9.06
MYC80	0.983	8.40	9.73	63.3	25.5	236.	8.04
MYC81	1.116	8.05	13.1	63.4	30.3	251.	8.44
MYC82	0.934	8.41	7.38	65.0	28.7	229.	8.73
MYC83	0.972	8.40	9.91	59.0	31.9	275.	10.3
MYC84	0.946	8.41	7.66	63.9	28.9	227.	9.79
MYC92	1.018	8.39	8.35	59.5	27.0	272.	9.59
BRB1	0.970	8.84	9.02	61.6	27.7	252.	8.60
BRB2	1.023	8.35	12.8	63.0	28.8	238.	8.16
BRB4	0.961	8.98	8.75	64.1	27.3	260.	9.21
BRB5	0.949	9.33	8.16	62.8	28.3	251.	9.40
BRB6	1.036	8.06	10.0	60.5	29.3	246.	8.43
BRB8	1.072	7.96	11.1	61.3	29.5	228.	7.98
BRB9	0.947	8.32	7.95	65.2	25.9	239.	9.28
BRB10	0.965	8.67	8.68	61.4	30.7	262.	9.06
BRB12	1.005	8.29	11.7	62.0	30.3	254.	8.51
BRB16	1.015	8.28	9.95	62.6	30.6	267.	8.56
BRB17	0.993	7.96	10.1	61.0	32.1	257.	8.70
BRB18	1.024	8.18	10.9	63.9	27.6	240.	10.5
BRB19	1.105	7.89	10.4	63.5	30.6	269.	7.50
BRB20	1.018	8.66	7.43	60.9	29.6	271.	9.01
BRB21	0.986	8.15	9.37	60.1	28.5	252.	10.0
BRB22	0.945	8.09	9.07	61.5	32.9	260.	9.60
BRB23	0.934	8.40	8.87	62.2	29.0	257.	9.53
BRB24	0.987	8.10	10.4	61.0	28.7	265.	9.14
BRB25	0.963	8.42	8.86	61.6	28.5	257.	9.42
BRB26	0.956	8.19	8.51	63.6	27.4	241.	7.73
BRB27	0.960	8.66	8.26	60.5	29.6	249.	9.41
BRB28	0.959	8.58	10.3	61.3	31.9	247.	9.37
BRB29	0.994	8.56	8.95	62.3	27.2	223.	8.74
BRB30	0.928	8.82	7.42	63.1	29.2	237.	9.08
BRB33	0.926	8.73	7.69	60.0	27.6	238.	9.02
BRB36	1.052	7.60	8.00	61.5	27.1	279.	7.53

Table: MBP

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
BRB37	0.969	8.15	8.72	63.7	29.6	279.	8.78
BRB39	0.932	8.45	7.18	61.1	28.7	294.	8.36
BRB40	0.991	7.75	8.82	61.2	27.7	237.	8.59
TIR1	1.088	8.76	10.9	61.5	28.9	237.	7.76
TIR3	0.934	8.93	8.13	62.1	33.7	239.	9.78
TIR4	0.952	9.02	8.76	62.7	30.5	242.	9.81
TIR5	1.000	8.75	9.00	63.0	29.5	282.	8.79
TIR6	0.948	8.72	7.39	65.4	29.2	247.	9.29
TIR8	0.955	8.43	7.93	64.7	27.0	243.	9.14
TIR11	0.967	8.24	8.70	62.1	28.7	269.	8.86
TIR12	0.976	8.32	8.49	66.9	28.6	239.	9.61
TIR13	0.985	8.21	9.36	64.5	28.4	253.	8.91
TIR14	0.969	8.57	9.30	62.6	28.8	265.	9.80
TIR15	0.969	8.29	9.59	61.0	29.7	228.	8.63
TIR16	0.947	8.58	8.62	61.6	28.6	199.	9.38
TIR18	0.937	8.86	8.53	59.8	29.3	220.	9.60
TIR20	0.956	8.45	6.69	62.7	28.5	202.	9.35
TIR21	0.976	8.73	9.17	60.9	29.2	208.	8.87
TIR26	1.035	8.52	11.5	60.7	27.7	260.	7.93
TIR27	1.021	8.43	8.07	61.3	28.3	241.	8.73
TIR28	0.993	8.11	9.14	62.0	27.4	251.	8.69
TIR29	1.031	8.32	11.2	63.8	27.2	240.	8.11
TIR30	0.950	8.45	8.17	65.2	26.9	223.	8.99
TIR31	1.012	8.04	12.0	58.8	28.9	247.	9.55
TIR35	1.003	8.06	9.03	61.6	27.6	238.	9.07
TIR38	1.003	7.89	10.0	59.6	28.1	225.	8.50
TIR41	1.065	7.93	10.8	60.5	28.4	233.	7.60
TIR43	0.981	8.52	8.73	61.4	28.0	252.	9.68
TIR45	1.001	8.03	10.5	59.7	28.9	250.	8.90
ASN01	0.978	9.09	9.29	61.9	31.8	254.	9.32
ASN02	0.964	8.40	7.52	61.4	29.6	257.	10.1
ASN04	0.998	7.85	10.1	62.5	29.3	250.	9.19
ASN06	1.002	8.48	8.02	57.5	29.6	243.	9.71
ASN07	1.015	8.16	9.85	60.9	29.8	252.	8.82
ASN08	0.918	8.71	7.44	63.8	28.3	230.	10.0
ASN09	1.017	8.41	9.15	61.3	28.3	230.	8.70
ASN10	0.955	8.74	8.79	60.1	29.5	237.	9.29
ASN11	0.994	9.07	8.65	61.6	28.6	245.	9.28
ASN12	0.977	8.71	8.11	63.8	27.8	236.	9.43
ASN14	0.979	8.25	8.91	61.1	30.3	248.	8.82

Table: MBP

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
ASN15	1.017	7.78	10.7	62.4	29.9	257.	9.02
ASN16	1.048	8.00	10.7	62.6	30.1	268.	8.49
ASN17	1.034	8.17	8.69	63.7	28.7	255.	8.29
ASN18	1.073	7.83	9.98	63.7	27.6	260.	8.74
ASN19	1.016	8.51	8.33	63.4	30.1	275.	9.50
ASN20	0.993	8.58	7.65	64.0	27.5	234.	9.20
ASN21	0.925	8.53	8.60	64.9	28.2	212.	9.32
ASN25	1.100	8.03	10.1	62.4	27.7	210.	8.80
ASN28	1.044	8.23	10.3	61.5	29.5	259.	9.10
ASN29	1.059	7.89	9.64	62.2	28.1	239.	9.51
ASN30	1.094	7.55	12.3	60.8	30.9	(338.)	9.43
ASN32	0.976	8.66	8.59	61.3	28.1	226.	9.48
ASN33	0.999	8.24	11.5	63.6	29.8	217.	9.49
ASN34	0.960	8.76	7.97	64.1	29.0	222.	9.52
ASN35	1.030	8.67	9.48	60.9	26.8	234.	8.99
ASN41	0.986	8.39	8.68	63.7	26.5	218.	9.51
ASN43	1.047	7.66	11.0	62.9	28.3	222.	7.90
ASN44	0.978	8.02	7.73	62.4	26.7	216.	8.71
ASN46	0.992	8.70	8.13	60.9	29.9	254.	9.29
ASN47	1.004	8.42	8.63	61.5	31.1	233.	9.23
ASN48	0.988	8.61	9.19	60.9	26.3	236.	7.60
ASN49	0.968	8.53	9.58	59.9	30.6	253.	9.88
ZYGO1	1.016	8.09	10.5	63.1	28.5	248.	8.55
ZYGO2	1.043	8.09	8.87	63.7	26.1	220.	8.28
ZYGO3	1.007	8.28	11.1	62.8	29.0	239.	9.84
ZYGO4	1.015	8.47	8.83	61.3	31.6	(364.)	8.79
ZYGO5	1.018	8.36	9.47	61.8	30.2	244.	9.08
ZYGO6	0.993	8.79	9.73	63.5	30.5	238.	9.46
ZYGO7	1.093	7.89	11.8	62.5	30.0	240.	7.66
ZYGO9	0.993	8.79	8.54	62.4	28.3	223.	8.73
ZYGO10	0.985	8.53	9.75	63.9	28.1	232.	9.04
ZYGO11	1.004	8.07	8.43	65.6	27.3	239.	7.66
ZYGO12	1.079	8.42	12.4	64.1	28.6	247.	9.18
ZYGO13	0.959	8.53	8.44	66.3	29.5	236.	9.27
ZYGO14	1.016	8.53	8.13	63.4	26.6	232.	8.61
ZYGO15	1.046	7.94	11.7	62.2	28.6	237.	8.74
ZYGO16	1.017	8.00	9.86	64.0	28.8	260.	8.83
ZYGO18	0.971	8.13	10.4	64.8	29.0	242.	10.8
ZYGO19	1.097	7.59	12.7	63.3	25.7	233.	7.77
ZYGO20	1.011	8.10	9.10	64.9	28.0	241.	8.35

Table: MBP

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
ZYGO22	0.940	8.32	8.46	64.5	29.1	242.	9.03
ZYGO23	1.002	7.65	8.92	62.3	27.7	230.	8.54
ZYGO26	0.991	7.97	9.32	64.3	29.6	236.	9.22
ZYGO28	0.992	8.01	10.0	61.4	31.4	239.	9.31
ZYGO29	0.937	8.32	7.03	65.1	28.9	247.	9.15
ZYGO30	1.001	8.24	10.7	62.6	30.2	231.	9.16
ZYGO31	1.011	7.89	10.3	62.1	30.3	298.	9.01
ZYGO32	1.044	7.68	8.56	64.7	31.5	239.	10.1
ZYGO33	1.010	7.61	9.49	60.4	28.1	230.	8.72
ZYGO34	0.976	8.16	8.30	63.1	28.4	244.	8.93
ZYGO35	0.965	8.75	7.82	61.9	31.2	256.	9.25
ZYGO36	0.956	8.43	8.60	62.3	30.2	244.	9.20
ZYGO37	0.993	8.25	12.7	61.9	28.9	250.	10.8
ZYGO38	1.039	7.82	10.9	62.7	27.5	282.	9.17
KRAK01	0.921	8.55	7.46	59.4	28.2	228.	9.50
KRAK04	0.951	8.36	9.03	64.2	28.0	217.	10.7
KRAK05	0.959	7.93	9.11	59.7	29.2	206.	9.18
KRAK07	0.899	8.83	7.01	60.7	30.8	227.	9.91
KRAK08	0.945	8.35	10.9	62.5	29.9	214.	10.9
KRAK11	0.965	8.29	7.82	63.2	27.3	192.	10.0
KRAK12	0.981	8.68	8.93	62.9	27.3	213.	11.2
KRAK25	0.999	8.13	9.59	63.7	28.6	228.	8.74
KRAK27	0.954	8.39	10.3	65.5	26.4	202.	9.94
KRAK31	0.959	7.84	10.6	64.1	29.9	219.	9.92
KRAK34	0.965	7.76	10.8	62.1	31.5	229.	10.1
KRAK35	1.001	8.10	11.6	65.3	28.9	217.	8.99
KRAK36	0.974	8.15	10.5	64.5	29.2	238.	8.89
KRAK39	0.978	8.06	10.9	64.2	29.7	244.	10.8
KRAK40	0.993	8.14	10.6	64.0	27.8	196.	11.0
KRAK45	0.965	8.35	8.97	67.0	28.4	232.	9.78
PLAT03	1.027	7.37	9.14	60.6	29.0	240.	7.66
PKAS12	0.979	8.22	8.91	61.4	28.0	259.	8.73
NICH87	0.925	7.46	8.42	60.6	30.7	240.	8.20
NICH98	0.925	7.89	7.22	63.7	28.7	240.	9.54
STEP12	0.954	8.78	9.06	63.8	28.7	245.	10.4
THEB2	0.885	8.30	6.46	61.7	30.2	240.	8.78
THEB3	0.981	8.24	9.22	63.9	29.1	240.	9.43
THEB9	0.972	7.75	9.33	63.3	28.2	239.	8.63
THEB13	1.037	8.37	7.98	58.8	30.0	257.	9.35
THEB16	0.980	8.08	9.11	63.8	29.8	243.	7.72

Table: MBP

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
THEB20	0.972	8.31	9.62	61.4	32.0	239.	8.33
THEB26	0.989	7.90	11.2	61.2	29.4	240.	7.64
THEB28	0.942	8.43	8.57	64.5	28.3	235.	9.10
THEB31	0.980	8.04	8.43	62.4	28.6	242.	8.64
THEB36	0.971	8.27	8.54	61.9	31.5	249.	7.78
THEB44	0.963	8.38	7.51	63.9	26.4	232.	8.61
EUT02	0.961	7.85	9.32	63.6	29.0	237.	8.00
EUT03	0.942	7.98	10.3	62.9	27.9	249.	9.44
EUT04	0.988	8.13	10.9	62.6	27.5	253.	9.10
KALL01	0.979	7.26	10.3	63.7	29.6	230.	9.24
KALL03	1.056	7.91	9.50	60.9	27.0	249.	8.73
HWM4	1.080	7.96	9.40	62.2	28.8	262.	8.58
HWM5	1.046	8.73	9.41	66.7	30.2	263.	9.40
HWM6	1.012	8.12	9.41	62.8	30.2	267.	8.66
HWM7	1.164	7.94	11.9	61.3	29.6	274.	8.29
HWM8	1.114	7.82	11.9	61.3	26.4	248.	8.29
HWM9	0.991	8.63	10.1	61.0	31.1	276.	9.84
HWM12	1.015	8.30	8.42	61.5	30.2	254.	9.32
HWM13	1.072	8.05	10.2	60.7	29.5	270.	8.74
HWM14	1.024	8.30	10.4	61.2	31.8	297.	9.58
HWM15	1.034	8.78	9.93	63.2	27.4	256.	9.14
HWM18	1.051	8.05	9.46	60.4	29.9	275.	8.47
HWM20	1.054	7.79	10.3	59.8	26.7	259.	8.32
HWM22	1.091	8.11	12.4	61.2	26.5	252.	8.44
HWM23	1.008	7.94	8.87	61.8	28.0	236.	8.99
HWM24	1.036	8.50	11.1	59.4	27.9	246.	9.18
HWM25	1.005	8.38	9.45	60.8	28.0	225.	8.97
HWM26	1.034	8.47	10.7	59.5	27.6	231.	9.21
HWM27	1.029	8.53	10.5	61.4	27.8	253.	8.74
HWM29	1.062	8.34	8.60	58.2	26.2	261.	8.71
HWM30	0.999	8.22	8.79	61.1	26.0	231.	9.07
HWM31	0.982	8.53	8.84	61.6	26.7	217.	9.40
HWM32	1.033	8.52	9.40	62.7	27.1	243.	9.03
HWM33	1.103	8.17	9.15	60.7	24.5	228.	8.34
HWM35	0.969	8.49	9.98	58.9	28.7	253.	9.85
HWM36	0.958	8.54	9.58	59.2	30.0	269.	9.88
HWM37	0.975	8.10	10.2	61.9	30.0	254.	9.44
HWM38	1.076	8.34	10.5	58.9	27.4	247.	8.02
HWM40	1.009	8.34	10.4	63.4	29.2	239.	9.81
HWM41	1.007	8.19	10.4	61.4	29.6	275.	8.66

Table: MBP

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
HWM42	1.030	8.37	9.78	60.8	25.5	247.	8.62
HWM44	1.023	8.50	9.31	59.8	28.8	253.	8.37
HWM45	0.996	8.38	9.66	59.0	30.7	270.	8.61
HWM46	0.987	9.08	9.67	59.7	30.2	249.	9.84
HWM47	1.051	8.05	9.35	60.5	28.1	248.	8.59
HWM48	0.956	8.77	7.93	65.2	29.1	220.	9.64
HWM49	1.040	8.13	12.7	60.1	28.2	231.	9.87
HWM50	1.028	8.52	10.2	61.9	28.7	249.	9.87
HWM52	0.963	8.26	8.96	63.8	25.8	198.	8.98
HWM53	1.024	8.31	10.6	60.8	28.2	228.	9.05
HWM54	1.053	7.77	9.27	61.9	24.7	222.	8.81
HWM56	1.037	7.93	10.1	63.2	28.5	219.	8.26
HWM58	1.022	8.11	10.4	61.6	26.8	242.	9.04
HWM60	0.996	8.59	8.67	62.5	28.4	225.	9.14
HWM61	1.067	8.03	10.2	65.1	26.4	228.	8.21
HWM63	0.989	8.27	8.21	65.1	28.7	223.	8.52
HWM64	1.079	8.59	11.1	64.1	25.6	231.	8.73
HWM65	1.019	8.78	9.27	62.5	28.3	233.	9.19
HWM66	1.033	8.15	10.8	62.9	28.3	224.	9.25
HWM67	1.062	8.52	10.2	61.5	29.9	276.	9.31
HWM69	1.044	8.13	11.3	63.6	30.4	275.	9.03
HWM71	0.976	7.83	9.27	62.6	27.9	226.	8.65
HWM76	0.981	8.61	8.34	60.2	27.4	233.	9.29
HWM77	1.004	8.80	8.13	60.2	28.3	268.	10.1
HWM79	1.026	8.47	10.4	59.0	31.0	262.	9.10
HWM80	0.995	9.08	8.86	63.0	29.1	256.	8.97
HWM82	1.017	7.78	10.7	61.4	28.6	242.	9.09
HWM83	1.030	7.82	11.9	60.8	28.9	256.	9.68
HWM84	1.075	8.28	8.28	62.9	25.7	257.	9.14
HWM85	1.031	7.78	12.6	61.2	(61.2)	233.	9.21
HWM86	1.064	8.46	9.36	62.0	27.1	275.	8.63
HWM87	1.012	8.22	8.60	59.4	28.4	268.	8.18
HWM88	1.030	8.63	9.68	62.6	26.9	242.	8.68
HWM89	1.155	8.30	13.3	63.1	26.7	252.	8.63
HWM101	1.039	8.34	10.8	60.3	26.1	250.	8.23
ave. meas. error		0.20	0.54	1.0	0.38	4.3	0.29
in %		2.4	5.6	1.6	1.3	1.8	3.2
ave. value M		8.3	9.5	62.	29.	243.	9.1
spread		0.35	1.4	1.7	1.5	20.	0.69
in %		4.3	14.	2.7	5.3	8.4	7.6
#		275.	274.	275.	274.	271.	275.

Table ff: MBP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
MYC9	1.018	4.60	1.15	5.06	4.34	2.92	32.3
MYC10	1.004	4.57	1.29	5.18	3.96	2.23	32.7
MYC11	0.933	4.41	1.23	5.09	3.34	2.46	33.2
MYC12	1.005	4.41	1.27	5.16	4.51	2.97	33.2
MYC14	1.039	4.65	1.14	5.10	4.10	2.92	33.2
MYC15	1.043	4.57	1.18	5.08	4.03	3.18	31.9
MCY16	1.007	4.35	1.28	5.08	3.59	2.44	32.3
MYC17	1.054	4.49	1.22	5.36	4.32	2.52	31.1
MYC18	1.001	4.56	1.20	5.23	3.69	2.48	32.1
MYC19	0.997	4.36	1.13	5.31	3.14	2.97	31.3
MYC21	0.997	4.53	1.15	5.19	2.98	2.41	32.6
MYC22	1.040	4.21	1.16	5.50	3.72	1.99	30.6
MYC23	1.007	4.44	1.09	5.40	3.58	2.28	31.9
MYC24	0.997	4.43	1.21	5.33	3.92	2.78	31.9
MYC25	1.009	4.67	1.21	4.95	3.70	2.73	30.8
MYC26	1.026	4.53	1.09	5.56	3.73	2.85	30.4
MYC27	1.021	4.56	1.17	5.33	3.88	3.15	31.3
MYC28	1.054	4.89	1.28	5.24	3.98	2.55	31.3
MYC29	1.036	4.20	1.09	5.33	3.72	2.98	32.4
MYC32	1.017	4.54	1.18	5.18	3.36	1.64	31.6
MYC33	0.931	4.49	1.05	5.60	3.13	2.67	31.8
MYC34	0.988	4.38	1.15	5.24	3.71	3.22	30.9
MYC35	1.007	4.50	1.13	5.55	3.18	2.50	31.6
MYC36	0.962	4.50	1.16	5.41	3.32	1.39	32.4
MYC38	1.038	4.58	1.11	5.01	4.00	2.62	31.9
MYC42	1.065	4.65	1.17	5.24	3.51	2.29	31.5
MYC43	1.098	4.56	1.10	5.29	3.62	2.38	32.9
MYC47	1.037	4.43	1.21	5.09	3.70	2.43	31.6
MYC48	0.915	4.32	1.13	5.59	3.69	2.82	31.8
MYC53	0.948	4.31	1.20	5.39	3.59	2.04	32.8
MYC56	0.980	4.66	1.24	5.38	3.15	2.81	32.6
MYC57	0.926	4.60	1.27	5.32	3.78	2.82	31.9
MYC58	0.954	4.37	1.17	5.45	3.04	2.74	32.1
MYC59	0.874	4.84	1.18	5.34	3.08	3.09	32.7
MYC60	1.055	4.73	1.23	5.33	3.86	2.32	31.0
MYC62	0.908	4.63	1.25	5.16	3.39	2.81	33.0
MYC64	0.902	4.34	1.15	5.31	3.11	2.90	33.6
MYC66	0.966	4.28	1.05	5.48	3.52	2.71	32.5
MYC67	1.014	4.34	1.11	5.30	3.70	2.91	32.0
MYC68	0.993	4.37	1.14	5.27	3.11	2.64	32.3

Table ff: MBP

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
MYC69	0.924	4.38	1.19	5.65	3.13	2.64	32.0
MYC72	0.975	4.65	1.11	5.32	3.67	1.60	31.1
MYC73	0.978	4.33	1.17	5.76	3.37	2.44	32.0
MYC74	0.925	4.13	1.14	5.68	3.09	2.79	33.5
MYC75	0.952	4.49	1.18	5.33	3.01	1.91	32.7
MYC76	0.975	4.48	1.14	5.42	3.00	2.92	31.3
MYC78	0.922	4.53	1.15	5.09	3.55	2.74	31.2
MYC79	0.955	4.58	1.18	5.32	3.51	2.69	32.1
MYC80	0.983	4.90	1.22	5.21	4.00	2.99	35.1
MYC81	1.116	4.42	1.21	5.08	3.54	2.68	31.7
MYC82	0.934	4.45	1.15	5.65	3.20	2.61	34.7
MYC83	0.972	4.41	1.14	5.41	2.86	2.90	29.7
MYC84	0.946	4.60	1.20	5.23	3.09	3.14	34.3
MYC92	1.018	4.84	1.11	5.56	3.85	2.74	27.3
BRB1	0.970	4.63	1.27	5.31	3.45	2.72	29.8
BRB2	1.023	4.97	1.42	5.13	3.76	2.35	32.9
BRB4	0.961	4.49	1.27	5.13	3.54	2.40	32.7
BRB5	0.949	4.34	1.26	5.41	3.18	3.23	31.0
BRB6	1.036	4.55	1.40	5.10	3.96	2.80	33.2
BRB8	1.072	4.72	1.36	5.13	3.52	3.32	31.1
BRB9	0.947	4.53	1.38	4.92	3.45	3.03	33.1
BRB10	0.965	4.31	1.35	5.46	3.02	2.99	33.1
BRB12	1.005	4.67	1.33	5.20	4.06	1.71	33.4
BRB16	1.015	4.36	1.32	5.37	3.68	2.94	31.2
BRB17	0.993	4.53	1.41	5.19	3.06	2.68	33.9
BRB18	1.024	4.36	1.31	5.13	3.94	3.28	31.6
BRB19	1.105	4.66	1.35	4.97	4.69	2.65	29.7
BRB20	1.018	4.38	1.33	5.48	3.49	3.16	29.5
BRB21	0.986	4.32	1.26	5.65	3.94	3.25	30.0
BRB22	0.945	4.43	1.45	4.90	3.00	2.74	31.9
BRB23	0.934	4.30	1.34	5.62	3.22	2.80	32.2
BRB24	0.987	4.52	1.39	5.47	3.44	2.47	32.3
BRB25	0.963	4.48	1.31	5.57	3.83	2.70	31.6
BRB26	0.956	4.73	1.46	5.37	2.66	2.68	33.1
BRB27	0.960	4.40	1.32	5.49	3.58	2.21	31.4
BRB28	0.959	4.33	1.37	5.45	2.63	2.88	32.6
BRB29	0.994	4.79	1.32	5.57	3.18	2.78	31.6
BRB30	0.928	4.57	1.35	5.32	3.43	2.23	32.6
BRB33	0.926	4.42	1.33	5.48	2.98	3.61	33.2
BRB36	1.052	4.68	1.45	5.30	4.41	2.63	30.6

Table ff: MBP

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
BRB37	0.969	4.40	1.33	5.24	3.55	2.03	31.6
BRB39	0.932	4.23	1.32	5.41	3.33	2.89	32.3
BRB40	0.991	4.54	1.33	5.33	4.00	2.97	32.5
TIR1	1.088	5.12	1.31	5.21	3.99	2.38	31.3
TIR3	0.934	4.62	1.19	5.21	3.08	2.66	31.3
TIR4	0.952	4.30	1.09	5.51	3.45	2.62	32.6
TIR5	1.000	4.36	1.07	5.29	3.76	2.13	31.8
TIR6	0.948	4.38	1.09	5.44	3.33	2.69	30.8
TIR8	0.955	4.44	1.19	5.09	3.23	2.80	31.7
TIR11	0.967	4.66	1.12	5.42	3.34	2.67	30.7
TIR12	0.976	4.07	1.14	5.36	3.26	2.64	31.5
TIR13	0.985	4.77	1.15	5.13	3.88	2.50	30.6
TIR14	0.969	4.17	1.23	5.23	3.09	2.56	31.0
TIR15	0.969	4.23	1.16	5.49	3.48	3.06	32.1
TIR16	0.947	4.41	1.10	5.40	3.27	2.99	32.8
TIR18	0.937	4.22	1.08	5.56	3.12	2.86	33.4
TIR20	0.956	4.16	1.18	5.17	3.19	2.91	31.5
TIR21	0.976	4.39	1.07	5.38	3.21	2.66	33.2
TIR26	1.035	4.37	1.13	5.36	4.83	2.59	30.8
TIR27	1.021	4.50	1.05	5.32	3.91	2.62	30.2
TIR28	0.993	4.71	1.17	5.30	3.73	2.67	31.5
TIR29	1.031	4.71	1.21	5.19	4.13	3.04	32.8
TIR30	0.950	4.44	1.06	5.50	3.44	2.91	31.8
TIR31	1.012	4.46	1.14	5.77	3.36	2.85	31.1
TIR35	1.003	4.43	1.15	5.44	3.78	2.32	32.7
TIR38	1.003	4.57	1.12	5.44	4.02	2.54	31.2
TIR41	1.065	4.80	1.16	5.37	3.73	2.52	31.7
TIR43	0.981	4.04	1.06	5.68	4.03	2.64	32.6
TIR45	1.001	4.50	1.11	5.23	3.85	2.69	32.1
ASN01	0.978	4.40	1.12	5.50	4.03	2.01	30.3
ASN02	0.964	4.31	1.06	5.49	3.30	2.53	32.3
ASN04	0.998	4.36	1.10	5.54	3.91	2.59	29.9
ASN06	1.002	4.14	1.05	5.81	3.16	2.78	31.7
ASN07	1.015	4.51	1.14	5.33	3.76	2.77	32.3
ASN08	0.918	4.45	1.10	5.10	3.31	3.25	34.0
ASN09	1.017	4.50	1.17	5.24	3.53	2.84	31.5
ASN10	0.955	4.35	1.06	5.55	3.82	3.03	31.3
ASN11	0.994	4.36	1.25	5.47	3.71	2.90	30.6
ASN12	0.977	4.27	1.14	5.56	3.65	2.97	31.3
ASN14	0.979	4.31	1.23	5.07	4.15	2.24	31.6

Table ff: MBP

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
ASN15	1.017	4.41	1.19	5.44	3.86	1.98	30.0
ASN16	1.048	4.34	1.18	5.23	3.93	2.25	32.0
ASN17	1.034	4.70	1.18	5.21	3.62	2.42	30.4
ASN18	1.073	4.59	1.16	5.34	4.81	2.01	30.2
ASN19	1.016	4.42	1.08	5.54	3.84	2.97	28.9
ASN20	0.993	4.29	1.15	5.30	4.03	2.43	31.4
ASN21	0.925	4.33	1.13	5.14	3.12	2.71	33.4
ASN25	1.100	4.28	1.16	5.46	4.39	2.29	29.9
ASN28	1.044	4.41	1.16	5.56	3.09	2.27	31.7
ASN29	1.059	3.82	1.21	5.54	4.34	2.34	30.8
ASN30	1.094	4.42	1.10	5.54	3.19	2.16	31.0
ASN32	0.976	4.34	1.18	5.23	3.45	2.79	31.6
ASN33	0.999	4.47	1.27	5.30	4.22	1.20	32.4
ASN34	0.960	4.30	1.19	5.19	3.24	2.94	33.1
ASN35	1.030	4.56	1.23	4.85	4.43	3.17	31.8
ASN41	0.986	4.58	1.28	4.99	3.35	3.05	32.4
ASN43	1.047	4.51	1.25	5.12	3.62	2.92	31.5
ASN44	0.978	4.26	1.23	5.10	3.69	2.23	31.0
ASN46	0.992	4.27	1.17	5.60	3.27	1.45	30.7
ASN47	1.004	4.52	1.20	5.15	3.93	2.98	31.4
ASN48	0.988	4.65	1.21	5.20	4.82	2.11	32.2
ASN49	0.968	4.62	1.18	5.08	3.78	2.33	32.3
ZYGO1	1.016	4.46	1.18	5.38	3.60	2.74	32.8
ZYGO2	1.043	4.41	1.08	5.52	4.07	2.61	33.3
ZYGO3	1.007	4.29	1.15	5.32	3.44	2.62	33.7
ZYGO4	1.015	4.25	1.06	5.58	3.29	2.64	32.0
ZYGO5	1.018	4.43	1.15	5.42	4.92	2.34	32.6
ZYGO6	0.993	4.47	1.16	5.50	3.30	1.39	32.9
ZYGO7	1.093	4.75	1.25	5.03	4.38	2.08	32.0
ZYGO9	0.993	4.45	1.19	5.40	3.98	2.78	33.3
ZYGO10	0.985	4.65	1.21	5.14	3.63	2.07	33.1
ZYGO11	1.004	4.59	1.23	5.33	3.69	2.31	32.0
ZYGO12	1.079	4.33	1.09	5.74	3.28	2.48	32.6
ZYGO13	0.959	4.34	1.12	5.49	2.92	2.69	33.8
ZYGO14	1.016	4.46	1.12	5.62	2.90	2.84	32.3
ZYGO15	1.046	4.58	1.20	5.35	3.39	2.09	32.7
ZYGO16	1.017	4.50	1.21	5.45	3.82	2.44	31.7
ZYGO18	0.971	4.64	1.17	5.56	3.11	2.72	35.0
ZYGO19	1.097	4.52	1.15	5.25	4.03	2.63	32.8
ZYGO20	1.011	4.57	1.06	5.39	4.25	2.63	32.3

Table ff: MBP

Sample	dil.factor	Br	Eu	Fe%	Hf	K %	La
ZYGO22	0.940	4.45	1.14	5.33	4.20	2.73	32.2
ZYGO23	1.002	4.65	1.23	5.36	3.62	2.50	33.3
ZYGO26	0.991	4.57	1.15	5.39	3.71	2.68	31.8
ZYGO28	0.992	4.64	1.17	5.45	2.46	2.58	32.9
ZYGO29	0.937	4.54	1.23	5.41	3.23	3.09	31.3
ZYGO30	1.001	4.75	1.23	5.25	3.59	2.50	30.0
ZYGO31	1.011	4.45	1.16	5.37	4.15	1.72	32.0
ZYGO32	1.044	4.38	1.06	5.85	4.42	2.71	28.7
ZYGO33	1.010	4.64	1.20	5.36	4.27	2.22	31.3
ZYGO34	0.976	4.42	1.17	5.51	4.16	2.54	31.2
ZYGO35	0.965	4.27	1.18	5.55	2.76	1.74	32.0
ZYGO36	0.956	4.32	1.19	5.42	3.97	2.39	33.7
ZYGO37	0.993	4.36	1.16	5.42	3.93	1.29	32.6
ZYGO38	1.039	4.39	1.18	5.48	4.37	2.70	29.6
KRAK01	0.921	4.67	1.14	5.10	2.98	2.75	32.8
KRAK04	0.951	4.73	1.12	5.31	2.90	3.41	33.4
KRAK05	0.959	4.76	1.19	5.26	3.34	2.86	32.7
KRAK07	0.899	4.49	1.04	5.65	3.06	2.53	32.1
KRAK08	0.945	4.58	1.20	4.62	3.44	2.69	32.5
KRAK11	0.965	4.53	1.26	5.24	3.44	2.73	32.8
KRAK12	0.981	4.22	1.20	5.05	3.81	2.56	33.0
KRAK25	0.999	4.43	1.28	5.29	4.22	2.55	31.1
KRAK27	0.954	4.57	1.19	5.31	2.71	2.37	32.1
KRAK31	0.959	4.62	1.14	5.18	2.97	2.43	33.2
KRAK34	0.965	4.72	1.06	5.39	2.60	2.30	32.3
KRAK35	1.001	4.62	1.10	5.20	3.00	2.25	33.4
KRAK36	0.974	4.44	1.12	5.24	2.65	2.54	33.3
KRAK39	0.978	4.42	1.21	5.06	2.64	2.31	33.3
KRAK40	0.993	4.59	1.19	5.44	3.43	2.92	32.5
KRAK45	0.965	4.49	1.12	3.70	3.70	2.45	32.9
PLAT03	1.027	4.84	1.29	5.24	3.54	2.12	31.3
PKAS12	0.979	4.32	1.22	5.84	3.66	2.01	33.4
NICH87	0.925	4.34	1.26	4.82	3.30	2.13	31.9
NICH98	0.925	4.38	1.14	5.26	3.60	2.41	30.5
STEP12	0.954	4.56	1.23	5.91	3.62	1.80	32.9
THEB2	0.885	4.30	1.36	5.18	3.22	3.03	32.4
THEB3	0.981	3.76	1.14	5.42	4.22	2.47	32.6
THEB9	0.972	4.43	1.33	5.28	3.15	2.41	32.7
THEB13	1.037	4.25	1.09	5.83	3.88	2.87	29.0
THEB16	0.980	4.38	1.43	5.23	3.54	2.87	33.0

Table ff: MBP

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
THEB20	0.972	4.17	1.31	5.71	3.44	2.68	30.1
THEB26	0.989	4.70	1.39	5.50	3.30	2.18	30.8
THEB28	0.942	4.25	1.26	5.24	3.82	2.58	32.6
THEB31	0.980	4.58	1.37	5.28	3.95	3.37	31.2
THEB36	0.971	4.18	1.44	5.68	3.06	3.06	31.9
THEB44	0.963	4.29	1.28	5.08	3.39	3.06	32.1
EUT02	0.961	4.16	1.05	5.54	3.33	2.45	31.3
EUT03	0.942	4.29	1.05	5.49	3.27	2.25	30.1
EUT04	0.988	4.27	1.11	5.26	3.44	1.91	31.5
KALL01	0.979	4.43	1.14	5.24	4.00	2.70	31.7
KALL03	1.056	4.38	1.21	5.44	3.32	2.67	30.1
HWM4	1.080	4.71	1.18	5.26	4.89	2.18	30.7
HWM5	1.046	4.32	1.08	5.42	3.67	2.40	31.4
HWM6	1.012	4.89	1.15	5.11	3.87	2.40	31.4
HWM7	1.164	4.53	1.22	5.06	3.29	2.17	31.5
HWM8	1.114	4.80	1.26	5.06	4.22	2.07	31.2
HWM9	0.991	4.34	1.07	5.79	2.86	2.42	31.0
HWM12	1.015	4.30	1.17	5.39	3.55	2.86	30.9
HWM13	1.072	4.78	1.29	4.98	4.48	1.93	30.4
HWM14	1.024	4.57	1.09	5.35	3.33	2.30	30.7
HWM15	1.034	4.33	1.11	5.47	5.49	2.50	30.0
HWM18	1.051	4.99	1.24	5.12	4.93	2.44	29.4
HWM20	1.054	4.61	1.09	5.16	4.10	2.22	30.1
HWM22	1.091	4.70	1.22	5.21	3.58	2.20	31.0
HWM23	1.008	4.44	1.14	5.28	3.48	2.07	31.3
HWM24	1.036	4.68	1.14	5.31	4.22	1.40	31.2
HWM25	1.005	4.72	1.16	5.09	3.65	2.59	31.0
HWM26	1.034	4.72	1.15	5.46	3.73	2.35	30.5
HWM27	1.029	4.57	1.06	5.36	3.38	2.65	31.3
HWM29	1.062	4.16	1.23	5.44	3.80	2.79	30.8
HWM30	0.999	4.28	1.19	5.36	3.28	3.12	31.8
HWM31	0.982	4.30	1.10	5.34	3.37	2.84	31.5
HWM32	1.033	4.11	1.22	5.46	3.63	2.77	31.8
HWM33	1.103	4.37	1.30	5.10	4.53	2.66	33.3
HWM35	0.969	4.32	1.20	5.45	3.03	2.85	33.9
HWM36	0.958	4.34	1.09	5.48	3.11	2.72	32.4
HWM37	0.975	4.78	1.17	5.27	3.63	3.01	32.5
HWM38	1.076	4.98	1.23	4.84	3.55	2.54	32.7
HWM40	1.009	4.37	1.18	5.46	3.66	2.10	33.1
HWM41	1.007	4.61	1.19	5.45	3.66	2.89	31.7

Table ff: MBP

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
HWM42	1.030	4.68	1.15	5.36	3.56	2.83	31.4
HWM44	1.023	4.60	1.13	5.32	3.96	2.56	31.9
HWM45	0.996	4.53	1.18	5.33	4.18	2.51	30.8
HWM46	0.987	4.22	1.12	5.95	3.07	2.58	31.9
HWM47	1.051	4.61	1.25	5.21	4.58	2.47	31.1
HWM48	0.956	4.20	1.20	5.06	3.24	2.66	32.7
HWM49	1.040	4.40	1.15	5.38	3.11	3.10	32.6
HWM50	1.028	4.09	1.16	5.56	3.69	2.62	31.1
HWM52	0.963	4.58	1.30	4.99	3.51	2.64	33.0
HWM53	1.024	4.33	1.24	5.36	3.85	2.83	31.9
HWM54	1.053	4.17	1.34	5.16	4.39	2.79	31.9
HWM56	1.037	4.60	1.36	5.33	4.10	2.05	32.0
HWM58	1.022	4.75	1.28	5.06	3.29	2.57	33.2
HWM60	0.996	4.36	1.15	5.12	4.26	2.16	32.6
HWM61	1.067	4.61	1.11	5.07	4.18	2.42	32.5
HWM63	0.989	4.31	1.22	5.22	3.78	2.65	32.4
HWM64	1.079	4.53	1.14	4.78	4.35	2.74	32.3
HWM65	1.019	4.33	1.15	5.19	3.84	3.07	33.0
HWM66	1.033	4.35	1.12	5.29	4.02	2.43	33.4
HWM67	1.062	4.50	1.14	5.55	4.23	1.57	31.8
HWM69	1.044	4.43	1.23	5.49	3.99	1.70	32.5
HWM71	0.976	4.56	1.25	5.33	3.91	2.96	32.8
HWM76	0.981	4.31	1.24	5.27	3.18	2.71	31.3
HWM77	1.004	4.22	1.07	5.57	3.63	3.05	31.2
HWM79	1.026	4.70	1.19	5.45	3.72	2.29	31.2
HWM80	0.995	4.12	1.22	5.63	3.55	2.63	31.1
HWM82	1.017	4.62	1.24	5.41	3.49	2.62	32.0
HWM83	1.030	4.40	1.13	5.59	3.23	3.01	33.2
HWM84	1.075	4.34	1.09	5.39	5.06	3.53	31.2
HWM85	1.031	4.38	1.26	5.32	3.68	3.25	32.5
HWM86	1.064	4.67	1.13	5.30	4.04	2.29	29.9
HWM87	1.012	4.57	1.23	5.26	3.74	2.65	31.2
HWM88	1.030	4.70	1.26	5.31	3.61	2.93	30.9
HWM89	1.155	4.75	1.33	5.09	4.13	2.70	33.0
HWM101	1.039	4.51	1.11	5.31	3.97	2.46	31.7
ave. meas. error		0.14	0.056	0.074	0.30	0.28	0.64
in %		3.0	4.7	1.4	8.3	11.	2.0
ave. value M		4.5	1.2	5.3	3.6	2.6	32.
spread		0.18	0.089	0.20	0.48	0.40	1.0
in %		4.1	7.5	3.8	13.	15.	3.3
#		275.	275.	274.	275.	275.	275.

Table ff: MBP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
MYC9	1.018	0.42	938.	0.63	33.4	229.	149.
MYC10	1.004	0.41	962.	0.96	25.8	223.	165.
MYC11	0.933	0.43	830.	0.51	29.8	205.	173.
MYC12	1.005	0.41	940.	0.64	24.6	220.	133.
MYC14	1.039	0.41	895.	0.50	29.4	214.	155.
MYC15	1.043	0.42	973.	0.71	25.3	218.	152.
MCY16	1.007	0.39	903.	0.50	28.0	252.	163.
MYC17	1.054	0.39	990.	0.77	25.8	228.	147.
MYC18	1.001	0.42	756.	0.57	30.4	224.	153.
MYC19	0.997	0.40	776.	0.44	27.6	236.	152.
MYC21	0.997	0.38	936.	0.57	28.0	218.	138.
MYC22	1.040	0.40	993.	0.90	26.8	172.	171.
MYC23	1.007	0.41	974.	0.70	27.5	235.	136.
MYC24	0.997	0.38	927.	0.56	30.0	218.	127.
MYC25	1.009	0.38	824.	0.61	27.4	270.	119.
MYC26	1.026	0.39	901.	0.43	25.0	255.	139.
MYC27	1.021	0.43	979.	0.53	26.9	213.	163.
MYC28	1.054	0.42	853.	0.72	25.4	210.	150.
MYC29	1.036	0.41	881.	0.36	27.7	256.	167.
MYC32	1.017	0.40	897.	0.79	28.6	220.	130.
MYC33	0.931	0.39	1081.	0.27	29.2	225.	166.
MYC34	0.988	0.38	887.	0.60	29.3	274.	155.
MYC35	1.007	0.37	1019.	0.56	29.9	251.	160.
MYC36	0.962	0.41	992.	1.18	31.9	204.	91.4
MYC38	1.038	0.42	911.	0.60	30.5	212.	155.
MYC42	1.065	0.40	50.1	0.66	28.4	222.	128.
MYC43	1.098	0.40	931.	0.38	29.8	251.	155.
MYC47	1.037	0.40	1052.	0.51	27.1	197.	156.
MYC48	0.915	0.39	1039.	0.42	28.3	190.	170.
MYC53	0.948	0.41	890.	0.89	29.1	203.	150.
MYC56	0.980	0.38	912.	0.40	27.5	205.	208.
MYC57	0.926	0.39	970.	0.35	28.8	167.	194.
MYC58	0.954	0.38	964.	0.55	31.8	274.	186.
MYC59	0.874	0.38	864.	0.42	29.9	220.	225.
MYC60	1.055	0.38	982.	0.63	28.2	235.	150.
MYC62	0.908	0.39	918.	0.44	27.1	229.	165.
MYC64	0.902	0.38	853.	0.48	32.2	193.	193.
MYC66	0.966	0.40	929.	0.55	27.4	222.	157.
MYC67	1.014	0.42	936.	0.49	28.1	226.	173.
MYC68	0.993	0.43	833.	0.40	26.6	214.	164.

Table ff: MBP

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
MYC69	0.924	0.40	899.	0.33	28.6	216.	153.
MYC72	0.975	0.37	907.	0.70	27.4	228.	144.
MYC73	0.978	0.38	979.	0.58	25.8	230.	152.
MYC74	0.925	0.44	886.	0.37	29.3	146.	152.
MYC75	0.952	0.44	1053.	0.69	27.6	233.	121.
MYC76	0.975	0.39	702.	0.23	27.1	235.	163.
MYC78	0.922	0.43	716.	0.31	30.0	222.	172.
MYC79	0.955	0.38	953.	0.44	29.4	191.	165.
MYC80	0.983	0.39	862.	0.61	26.7	176.	143.
MYC81	1.116	0.38	1095.	0.56	28.2	218.	131.
MYC82	0.934	0.40	1027.	0.39	26.9	222.	148.
MYC83	0.972	0.34	824.	0.21	27.5	249.	163.
MYC84	0.946	0.39	867.	0.34	28.1	218.	171.
MYC92	1.018	0.40	907.	0.64	26.0	181.	189.
BRB1	0.970	0.41	1009.	0.60	29.5	189.	166.
BRB2	1.023	0.39	1034.	0.58	27.8	180.	151.
BRB4	0.961	0.37	888.	0.81	27.0	202.	177.
BRB5	0.949	0.39	963.	0.42	24.7	233.	233.
BRB6	1.036	0.41	976.	0.44	27.5	215.	154.
BRB8	1.072	0.40	1023.	0.58	26.8	217.	152.
BRB9	0.947	0.40	812.	0.54	26.7	180.	178.
BRB10	0.965	0.37	955.	0.35	28.4	240.	176.
BRB12	1.005	0.40	970.	0.90	26.8	158.	179.
BRB16	1.015	0.39	1029.	0.55	28.3	177.	188.
BRB17	0.993	0.40	951.	0.42	27.9	220.	184.
BRB18	1.024	0.38	850.	0.49	26.5	205.	188.
BRB19	1.105	0.38	972.	0.67	23.2	222.	199.
BRB20	1.018	0.40	924.	0.51	25.7	221.	192.
BRB21	0.986	0.39	1012.	0.51	26.2	222.	188.
BRB22	0.945	0.38	868.	0.35	26.7	233.	163.
BRB23	0.934	0.37	1000.	0.41	29.2	202.	166.
BRB24	0.987	0.38	937.	0.82	27.7	255.	161.
BRB25	0.963	0.36	913.	0.52	26.2	217.	186.
BRB26	0.956	0.38	849.	0.76	26.9	206.	156.
BRB27	0.960	0.37	1018.	0.45	27.4	204.	166.
BRB28	0.959	0.36	988.	0.41	28.2	239.	181.
BRB29	0.994	0.37	1013.	0.42	28.0	240.	185.
BRB30	0.928	0.37	915.	0.84	27.3	216.	164.
BRB33	0.926	0.38	916.	0.35	31.5	231.	172.
BRB36	1.052	0.38	980.	0.73	26.6	229.	153.

Table ff: MBP

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
BRB37	0.969	0.35	903.	0.83	31.9	244.	140.
BRB39	0.932	0.38	958.	0.31	27.8	258.	139.
BRB40	0.991	0.38	888.	0.43	27.6	206.	177.
TIR1	1.088	0.39	912.	0.59	29.6	214.	164.
TIR3	0.934	0.42	878.	0.44	27.5	242.	156.
TIR4	0.952	0.42	849.	0.38	28.5	227.	157.
TIR5	1.000	0.37	907.	0.63	30.2	228.	142.
TIR6	0.948	0.39	848.	0.47	28.3	202.	153.
TIR8	0.955	0.38	881.	0.54	30.2	211.	161.
TIR11	0.967	0.42	968.	0.46	30.1	246.	149.
TIR12	0.976	0.40	998.	0.52	27.2	200.	139.
TIR13	0.985	0.39	871.	0.59	31.3	201.	156.
TIR14	0.969	0.39	860.	0.52	29.7	222.	158.
TIR15	0.969	0.40	982.	0.54	26.2	266.	173.
TIR16	0.947	0.41	1062.	0.46	27.8	204.	181.
TIR18	0.937	0.38	893.	0.51	28.5	205.	161.
TIR20	0.956	0.40	957.	0.51	23.4	181.	174.
TIR21	0.976	0.38	945.	0.42	29.1	159.	171.
TIR26	1.035	0.41	1064.	0.65	30.7	215.	144.
TIR27	1.021	0.38	909.	0.66	26.1	223.	169.
TIR28	0.993	0.41	870.	0.55	28.1	220.	161.
TIR29	1.031	0.40	872.	0.66	28.0	189.	158.
TIR30	0.950	0.41	853.	0.43	32.2	182.	167.
TIR31	1.012	0.41	1100.	0.31	31.2	202.	176.
TIR35	1.003	0.39	955.	0.54	28.1	191.	170.
TIR38	1.003	0.41	920.	0.53	28.6	206.	140.
TIR41	1.065	0.38	974.	0.56	28.8	214.	145.
TIR43	0.981	0.39	821.	0.51	28.3	250.	148.
TIR45	1.001	0.40	(1208.)	0.55	27.9	235.	163.
ASN01	0.978	0.39	880.	0.90	27.2	220.	157.
ASN02	0.964	0.40	881.	0.48	25.7	274.	202.
ASN04	0.998	0.38	967.	0.60	26.5	253.	175.
ASN06	1.002	0.42	924.	0.45	27.3	235.	180.
ASN07	1.015	0.39	1031.	0.48	26.2	258.	188.
ASN08	0.918	0.39	808.	0.47	27.4	233.	193.
ASN09	1.017	0.40	947.	0.63	28.8	193.	180.
ASN10	0.955	0.36	935.	0.51	28.0	223.	194.
ASN11	0.994	0.42	921.	0.39	27.0	226.	177.
ASN12	0.977	0.37	950.	0.47	27.0	209.	174.
ASN14	0.979	0.43	835.	1.00	27.9	217.	142.

Table ff: MBP

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
ASN15	1.017	0.40	950.	0.58	28.6	221.	152.
ASN16	1.048	0.41	1013.	0.58	29.1	209.	153.
ASN17	1.034	0.39	985.	0.61	25.3	210.	159.
ASN18	1.073	0.41	1024.	1.01	24.1	181.	118.
ASN19	1.016	0.40	922.	0.53	27.1	225.	181.
ASN20	0.993	0.37	922.	0.82	29.2	229.	156.
ASN21	0.925	0.43	800.	0.60	31.0	189.	152.
ASN25	1.100	0.43	1013.	0.73	26.4	229.	141.
ASN28	1.044	0.40	936.	0.59	28.6	224.	152.
ASN29	1.059	0.42	764.	0.66	28.7	220.	149.
ASN30	1.094	0.38	901.	0.75	25.4	223.	147.
ASN32	0.976	0.41	853.	0.62	26.4	219.	145.
ASN33	0.999	0.38	1045.	1.13	27.3	203.	90.9
ASN34	0.960	0.38	867.	0.57	29.2	162.	163.
ASN35	1.030	0.42	790.	0.89	28.8	192.	129.
ASN41	0.986	0.39	899.	0.54	30.2	197.	155.
ASN43	1.047	0.41	995.	0.66	29.4	198.	170.
ASN44	0.978	0.43	958.	0.55	30.0	197.	179.
ASN46	0.992	0.41	883.	(1.29)	25.9	192.	114.
ASN47	1.004	0.37	946.	0.67	27.8	189.	160.
ASN48	0.988	0.39	862.	0.79	30.0	179.	206.
ASN49	0.968	0.38	942.	0.45	29.0	240.	194.
ZYGO1	1.016	0.40	985.	0.46	25.8	212.	165.
ZYGO2	1.043	0.36	906.	0.54	27.8	165.	148.
ZYGO3	1.007	0.37	902.	0.41	27.1	202.	176.
ZYGO4	1.015	0.35	971.	0.47	26.7	245.	188.
ZYGO5	1.018	0.39	843.	0.47	26.2	239.	181.
ZYGO6	0.993	0.36	925.	(1.28)	28.2	212.	120.
ZYGO7	1.093	0.37	1004.	0.61	29.5	223.	163.
ZYGO9	0.993	0.36	861.	0.58	30.6	205.	173.
ZYGO10	0.985	0.37	910.	0.88	30.9	205.	149.
ZYGO11	1.004	0.36	937.	0.61	28.8	183.	131.
ZYGO12	1.079	0.31	1114.	0.40	30.8	238.	148.
ZYGO13	0.959	0.37	918.	0.45	31.1	237.	150.
ZYGO14	1.016	0.35	884.	0.59	29.1	211.	174.
ZYGO15	1.046	0.36	923.	0.90	30.3	199.	137.
ZYGO16	1.017	0.37	954.	0.56	28.1	232.	187.
ZYGO18	0.971	0.35	878.	0.47	29.2	221.	182.
ZYGO19	1.097	0.37	851.	0.60	29.8	183.	166.
ZYGO20	1.011	0.36	798.	0.26	28.8	209.	163.

Table ff: MBP

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
ZYGO22	0.940	0.38	878.	0.48	30.8	204.	158.
ZYGO23	1.002	0.39	1003.	0.47	29.7	206.	172.
ZYGO26	0.991	0.36	1100.	0.56	30.8	178.	161.
ZYGO28	0.992	0.39	977.	0.39	26.3	232.	188.
ZYGO29	0.937	0.35	874.	0.51	29.4	168.	137.
ZYGO30	1.001	0.39	1057.	0.48	28.6	184.	154.
ZYGO31	1.011	0.37	1051.	0.78	26.2	233.	165.
ZYGO32	1.044	0.37	951.	0.48	27.2	213.	185.
ZYGO33	1.010	0.39	992.	0.57	27.1	179.	149.
ZYGO34	0.976	0.38	991.	0.49	27.9	194.	182.
ZYGO35	0.965	0.38	901.	0.96	27.5	221.	184.
ZYGO36	0.956	0.38	1017.	0.60	27.1	209.	183.
ZYGO37	0.993	0.37	917.	0.94	30.3	207.	136.
ZYGO38	1.039	0.37	1154.	0.72	28.1	221.	161.
KRAK01	0.921	0.39	871.	0.46	28.7	219.	164.
KRAK04	0.951	0.35	978.	0.65	29.3	205.	171.
KRAK05	0.959	0.38	1175.	0.50	28.4	216.	144.
KRAK07	0.899	0.41	784.	0.36	30.7	220.	177.
KRAK08	0.945	0.40	911.	0.72	29.8	197.	164.
KRAK11	0.965	0.42	905.	0.56	28.4	203.	162.
KRAK12	0.981	0.38	832.	0.64	32.3	214.	181.
KRAK25	0.999	0.40	850.	0.74	28.0	154.	144.
KRAK27	0.954	0.37	1129.	0.58	31.3	131.	148.
KRAK31	0.959	0.41	795.	0.64	28.2	198.	131.
KRAK34	0.965	0.40	855.	0.52	28.2	227.	143.
KRAK35	1.001	0.41	841.	0.58	27.3	182.	181.
KRAK36	0.974	0.37	849.	0.60	32.2	185.	174.
KRAK39	0.978	0.39	764.	0.68	29.0	216.	124.
KRAK40	0.993	0.40	828.	0.55	29.5	192.	160.
KRAK45	0.965	0.38	892.	0.58	27.1	178.	178.
PLAT03	1.027	0.40	1068.	0.66	27.7	203.	154.
PKAS12	0.979	0.41	831.	0.17	30.9	202.	145.
NICH87	0.925	0.39	841.	0.36	31.4	235.	135.
NICH98	0.925	0.38	992.	0.41	27.5	226.	192.
STEP12	0.954	0.36	856.	1.14	26.5	198.	94.4
THEB2	0.885	0.38	814.	0.42	32.4	204.	189.
THEB3	0.981	0.36	847.	0.46	30.5	207.	170.
THEB9	0.972	0.39	901.	0.98	30.9	168.	156.
THEB13	1.037	0.39	891.	0.84	26.1	198.	162.
THEB16	0.980	0.38	947.	0.57	28.6	202.	144.

Table ff: MBP

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
THEB20	0.972	0.40	927.	0.60	28.8	246.	186.
THEB26	0.989	0.41	1028.	0.60	28.3	224.	119.
THEB28	0.942	0.39	826.	0.73	28.8	198.	137.
THEB31	0.980	0.38	919.	0.54	28.4	205.	144.
THEB36	0.971	0.39	914.	0.46	26.3	229.	148.
THEB44	0.963	0.37	936.	0.56	28.6	183.	154.
EUT02	0.961	0.40	866.	0.65	26.8	207.	138.
EUT03	0.942	0.43	877.	0.46	29.6	218.	159.
EUT04	0.988	0.41	919.	0.94	26.6	197.	161.
KALL01	0.979	0.38	1020.	0.54	28.0	225.	151.
KALL03	1.056	0.38	905.	0.47	28.1	233.	157.
HWM4	1.080	0.38	969.	0.86	26.0	203.	157.
HWM5	1.046	0.39	900.	0.61	25.2	182.	146.
HWM6	1.012	0.39	885.	0.62	28.0	210.	148.
HWM7	1.164	0.42	950.	0.67	23.0	187.	140.
HWM8	1.114	0.42	999.	0.78	26.4	183.	141.
HWM9	0.991	0.37	975.	0.43	27.4	247.	165.
HWM12	1.015	0.40	955.	0.64	28.3	216.	142.
HWM13	1.072	0.40	968.	0.82	26.4	196.	135.
HWM14	1.024	0.38	979.	0.61	28.6	230.	140.
HWM15	1.034	0.37	915.	0.76	26.2	197.	164.
HWM18	1.051	0.37	1066.	0.76	25.2	220.	171.
HWM20	1.054	0.44	892.	0.82	29.9	206.	170.
HWM22	1.091	0.39	886.	0.70	27.7	217.	164.
HWM23	1.008	0.39	1005.	0.63	29.9	186.	166.
HWM24	1.036	0.41	1003.	(1.31)	26.2	192.	124.
HWM25	1.005	0.40	60.3	0.62	32.2	185.	176.
HWM26	1.034	0.41	934.	0.69	31.0	195.	168.
HWM27	1.029	0.43	944.	0.73	29.3	200.	177.
HWM29	1.062	0.39	907.	0.62	28.0	201.	169.
HWM30	0.999	0.35	937.	0.59	30.1	197.	155.
HWM31	0.982	0.40	1047.	0.60	31.2	185.	170.
HWM32	1.033	0.38	1085.	0.50	29.2	236.	162.
HWM33	1.103	0.40	801.	0.82	30.2	182.	143.
HWM35	0.969	0.41	909.	0.46	26.5	202.	182.
HWM36	0.958	0.40	878.	0.43	27.4	281.	146.
HWM37	0.975	0.39	980.	0.50	26.6	189.	152.
HWM38	1.076	0.42	954.	0.75	31.4	201.	164.
HWM40	1.009	0.35	856.	0.80	29.1	257.	155.
HWM41	1.007	0.38	861.	0.59	27.5	246.	158.

Table ff: MBP

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
HWM42	1.030	0.35	915.	0.66	29.7	236.	165.
HWM44	1.023	0.38	882.	0.66	29.6	212.	140.
HWM45	0.996	0.39	953.	0.60	27.7	288.	154.
HWM46	0.987	0.39	1006.	0.39	25.4	253.	165.
HWM47	1.051	0.38	953.	0.76	24.0	259.	147.
HWM48	0.956	0.37	889.	0.57	29.3	185.	179.
HWM49	1.040	0.40	924.	0.52	31.1	266.	156.
HWM50	1.028	0.39	882.	0.70	28.2	251.	171.
HWM52	0.963	0.42	836.	0.66	27.4	186.	145.
HWM53	1.024	0.42	928.	0.54	33.5	204.	162.
HWM54	1.053	0.44	922.	0.85	28.6	238.	178.
HWM56	1.037	0.41	1042.	0.69	29.3	196.	161.
HWM58	1.022	0.38	799.	0.83	28.6	241.	166.
HWM60	0.996	0.39	906.	0.57	29.0	209.	161.
HWM61	1.067	0.40	923.	0.68	28.1	198.	157.
HWM63	0.989	0.41	897.	0.53	26.6	199.	170.
HWM64	1.079	0.40	882.	0.67	30.6	167.	159.
HWM65	1.019	0.41	963.	0.68	29.4	228.	122.
HWM66	1.033	0.41	871.	0.59	29.1	187.	189.
HWM67	1.062	0.37	947.	1.04	31.0	217.	135.
HWM69	1.044	0.39	928.	1.08	28.9	212.	129.
HWM71	0.976	0.43	887.	0.51	29.3	190.	176.
HWM76	0.981	0.40	791.	0.49	31.1	203.	190.
HWM77	1.004	0.39	774.	0.61	28.5	213.	164.
HWM79	1.026	0.41	980.	0.56	26.8	190.	163.
HWM80	0.995	0.40	952.	0.67	28.3	248.	161.
HWM82	1.017	0.39	966.	0.52	30.5	173.	159.
HWM83	1.030	0.36	977.	0.58	27.2	259.	177.
HWM84	1.075	0.38	758.	0.94	25.4	250.	188.
HWM85	1.031	0.43	865.	0.66	27.7	209.	164.
HWM86	1.064	0.37	992.	0.83	27.2	223.	131.
HWM87	1.012	0.40	888.	0.68	28.7	252.	164.
HWM88	1.030	0.39	871.	0.74	27.3	212.	140.
HWM89	1.155	0.37	1039.	0.95	28.3	185.	154.
HWM101	1.039	0.44	897.	0.70	28.8	207.	160.
ave. meas. error		0.018	10.	0.013	1.8	18.	16.
in %		4.6	1.1	2.1	6.4	8.6	10.
ave. value M		0.39	926.	0.59	28.	212.	156.
spread		0.021	77.	0.17	1.8	24.	19.
in %		5.3	8.4	29.	6.4	12.	12.
#		275.	272.	272.	275.	275.	275.

Table ff: MBP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
MYC9	1.018	21.4	5.18	0.82	0.89	10.8	0.38
MYC10	1.004	20.9	5.25	0.85	0.78	10.9	0.43
MYC11	0.933	22.3	5.13	0.81	0.74	11.4	0.44
MYC12	1.005	20.4	5.13	0.87	0.80	11.4	0.45
MYC14	1.039	21.2	5.38	0.82	0.75	10.9	0.43
MYC15	1.043	21.2	5.17	0.83	0.79	10.7	0.45
MCY16	1.007	22.5	5.20	0.79	0.69	10.8	0.44
MYC17	1.054	21.6	5.04	0.88	0.71	11.1	0.43
MYC18	1.001	21.6	5.13	0.82	0.80	11.0	0.43
MYC19	0.997	22.3	5.21	0.78	0.73	10.5	0.41
MYC21	0.997	21.1	5.12	0.92	0.87	10.3	0.40
MYC22	1.040	22.2	5.08	0.87	0.88	11.3	0.47
MYC23	1.007	21.5	5.23	0.84	0.82	11.0	0.43
MYC24	0.997	21.2	5.12	0.84	0.82	11.0	0.45
MYC25	1.009	20.7	5.33	0.85	0.90	10.6	0.42
MYC26	1.026	22.0	5.13	0.79	0.92	10.6	0.42
MYC27	1.021	21.5	5.09	0.81	0.83	10.9	0.36
MYC28	1.054	20.5	5.22	0.88	0.73	10.5	0.40
MYC29	1.036	23.1	4.98	0.77	0.77	10.6	0.39
MYC32	1.017	21.4	5.32	0.83	0.88	10.7	0.44
MYC33	0.931	23.1	4.91	0.79	0.65	10.7	0.41
MYC34	0.988	22.1	4.98	0.84	0.75	10.8	0.40
MYC35	1.007	21.8	4.96	0.78	0.84	10.7	0.40
MYC36	0.962	22.1	5.14	0.84	0.73	11.1	0.41
MYC38	1.038	21.0	5.13	0.84	0.76	10.9	0.41
MYC42	1.065	20.7	5.11	0.75	0.85	10.4	0.47
MYC43	1.098	21.0	5.25	0.76	0.88	10.7	0.43
MYC47	1.037	19.8	5.21	0.80	0.88	10.5	0.45
MYC48	0.915	22.1	4.91	(0.99)	0.72	10.8	0.42
MYC53	0.948	22.0	5.03	0.85	0.73	11.3	0.44
MYC56	0.980	21.6	5.39	0.81	0.77	10.7	0.44
MYC57	0.926	21.0	5.09	0.81	0.77	11.3	0.46
MYC58	0.954	22.7	4.95	0.76	0.73	10.6	0.42
MYC59	0.874	22.9	4.90	0.78	0.62	11.1	0.41
MYC60	1.055	22.6	4.95	0.80	0.77	11.1	0.43
MYC62	0.908	22.4	5.14	0.76	0.73	10.6	0.47
MYC64	0.902	22.5	5.09	0.82	0.87	10.9	0.42
MYC66	0.966	21.5	4.98	0.84	0.79	11.0	0.44
MYC67	1.014	22.6	4.94	0.78	0.69	10.5	0.39
MYC68	0.993	22.4	4.96	0.79	0.74	10.8	0.42

Table ff: MBP

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
MYC69	0.924	22.7	4.87	0.81	0.83	11.1	0.40
MYC72	0.975	21.4	5.00	0.84	0.91	10.7	0.42
MYC73	0.978	21.5	5.12	0.81	0.76	10.5	0.38
MYC74	0.925	21.7	4.98	0.83	0.80	11.3	0.44
MYC75	0.952	20.3	5.20	0.81	0.79	10.3	0.39
MYC76	0.975	22.3	4.96	0.96	0.63	10.9	0.43
MYC78	0.922	23.0	4.98	0.78	0.64	11.3	0.43
MYC79	0.955	21.6	5.18	0.82	0.67	11.1	0.48
MYC80	0.983	20.7	5.25	0.86	0.70	11.1	0.42
MYC81	1.116	21.2	5.28	0.79	0.81	10.8	0.50
MYC82	0.934	21.7	5.02	0.82	0.70	11.2	0.47
MYC83	0.972	22.8	4.93	0.92	0.80	10.5	0.49
MYC84	0.946	22.9	5.03	0.79	0.77	11.4	0.43
MYC92	1.018	22.1	4.85	1.00	0.71	11.1	0.46
BRB1	0.970	21.4	4.97	0.84	0.85	10.9	0.42
BRB2	1.023	20.0	5.40	0.83	0.65	10.7	0.39
BRB4	0.961	21.9	5.13	0.84	0.68	11.1	0.45
BRB5	0.949	22.5	4.86	0.86	0.65	11.0	0.44
BRB6	1.036	21.0	5.19	0.83	0.69	10.5	0.49
BRB8	1.072	21.2	5.19	0.84	0.78	10.9	0.42
BRB9	0.947	22.1	5.03	0.88	0.70	11.4	0.44
BRB10	0.965	22.6	5.01	0.84	0.62	10.8	0.46
BRB12	1.005	21.6	5.17	0.85	0.81	10.6	0.36
BRB16	1.015	21.5	5.05	0.86	0.89	10.9	0.37
BRB17	0.993	21.3	5.17	0.82	0.77	10.7	0.39
BRB18	1.024	21.6	5.18	0.83	0.74	11.1	0.45
BRB19	1.105	21.1	5.18	0.85	0.87	10.7	0.41
BRB20	1.018	22.4	4.88	0.89	0.69	10.9	0.46
BRB21	0.986	22.2	4.72	0.87	0.84	11.3	0.45
BRB22	0.945	21.7	5.11	0.81	0.81	10.8	0.43
BRB23	0.934	22.2	4.88	0.79	0.78	11.1	0.42
BRB24	0.987	21.3	5.11	0.81	0.73	10.7	0.45
BRB25	0.963	22.8	4.89	0.83	0.84	11.2	0.44
BRB26	0.956	21.0	5.22	0.83	0.82	10.8	0.45
BRB27	0.960	21.5	4.97	0.81	0.81	11.2	0.48
BRB28	0.959	22.0	4.98	0.80	0.80	10.8	0.41
BRB29	0.994	21.6	4.94	0.81	0.82	11.0	0.43
BRB30	0.928	21.6	5.01	0.80	0.80	11.0	0.47
BRB33	0.926	22.3	5.03	0.75	0.80	11.1	0.44
BRB36	1.052	20.2	5.28	0.84	0.78	10.3	0.47

Table ff: MBP

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
BRB37	0.969	21.8	5.15	0.83	0.68	11.0	0.48
BRB39	0.932	23.0	4.99	0.79	0.66	11.1	0.47
BRB40	0.991	20.9	5.12	0.82	0.78	11.0	0.47
TIR1	1.088	20.5	5.20	0.80	0.66	10.6	0.47
TIR3	0.934	22.1	4.97	0.78	0.81	10.9	0.38
TIR4	0.952	22.6	4.95	0.75	0.76	11.1	0.39
TIR5	1.000	21.4	5.06	0.81	0.77	11.3	0.47
TIR6	0.948	22.1	4.96	0.82	0.82	11.3	0.45
TIR8	0.955	21.6	5.10	0.85	0.85	11.3	0.46
TIR11	0.967	22.5	4.95	0.79	0.77	10.8	0.44
TIR12	0.976	21.6	5.08	0.83	0.77	11.2	0.46
TIR13	0.985	21.2	5.07	0.85	0.77	11.0	0.42
TIR14	0.969	22.8	4.97	0.81	0.76	11.4	0.42
TIR15	0.969	21.4	5.05	0.83	0.76	11.5	0.44
TIR16	0.947	21.8	5.04	0.81	0.73	10.9	0.44
TIR18	0.937	23.1	5.01	0.78	0.75	10.8	0.46
TIR20	0.956	21.8	5.07	0.88	0.77	11.5	0.50
TIR21	0.976	21.7	5.10	0.84	0.82	11.1	0.45
TIR26	1.035	20.1	5.21	0.84	0.87	10.8	0.43
TIR27	1.021	20.9	4.89	(1.03)	0.75	11.1	0.46
TIR28	0.993	20.2	5.25	0.82	0.82	10.8	0.44
TIR29	1.031	20.1	5.25	0.82	0.79	10.5	0.45
TIR30	0.950	21.2	5.05	0.82	0.85	10.8	0.43
TIR31	1.012	22.2	4.93	0.81	0.69	10.9	0.45
TIR35	1.003	20.6	5.18	0.83	0.85	11.0	0.45
TIR38	1.003	20.5	5.18	0.90	0.88	10.5	0.47
TIR41	1.065	20.4	5.19	0.81	0.83	10.5	0.45
TIR43	0.981	21.0	5.02	0.87	0.81	11.3	0.48
TIR45	1.001	20.9	5.09	0.80	0.82	10.6	0.43
ASN01	0.978	21.2	–	0.84	0.70	11.1	0.46
ASN02	0.964	23.0	–	0.83	0.62	11.2	0.45
ASN04	0.998	21.8	–	0.84	0.72	11.3	0.41
ASN06	1.002	22.9	–	0.88	0.79	11.2	0.47
ASN07	1.015	21.1	–	0.81	0.76	10.7	0.44
ASN08	0.918	22.1	–	0.78	0.70	10.8	0.45
ASN09	1.017	21.2	–	0.82	0.64	11.1	0.46
ASN10	0.955	22.7	–	0.82	0.65	11.1	0.45
ASN11	0.994	22.7	4.83	0.83	0.70	11.5	0.42
ASN12	0.977	22.7	4.92	0.82	0.76	11.9	0.46
ASN14	0.979	21.8	5.12	0.79	0.80	11.2	0.44

Table ff: MBP

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
ASN15	1.017	22.7	4.91	0.81	0.82	11.2	0.46
ASN16	1.048	21.1	5.22	0.81	0.83	10.6	0.42
ASN17	1.034	21.1	5.24	0.84	0.83	10.7	0.45
ASN18	1.073	19.8	5.26	0.87	0.80	10.8	0.48
ASN19	1.016	23.4	4.62	0.82	0.77	11.5	0.44
ASN20	0.993	21.8	4.99	0.82	0.84	11.6	0.47
ASN21	0.925	22.1	5.10	0.80	0.80	11.0	0.45
ASN25	1.100	20.6	4.98	0.83	0.78	10.7	0.45
ASN28	1.044	22.3	5.03	0.80	0.79	10.8	0.46
ASN29	1.059	22.1	5.08	0.89	0.77	11.0	0.48
ASN30	1.094	22.2	5.08	0.79	0.82	10.5	0.43
ASN32	0.976	22.5	4.97	0.83	0.74	11.4	0.50
ASN33	0.999	21.9	5.12	0.78	0.63	11.4	0.46
ASN34	0.960	22.4	5.06	0.80	0.73	12.0	0.46
ASN35	1.030	20.4	5.17	0.85	0.64	11.8	0.49
ASN41	0.986	21.4	5.20	0.79	0.77	11.1	0.48
ASN43	1.047	20.2	5.34	0.80	0.81	10.8	0.43
ASN44	0.978	21.6	5.17	0.83	0.75	11.8	0.48
ASN46	0.992	23.2	4.85	0.84	0.77	11.6	0.48
ASN47	1.004	21.4	5.09	0.79	0.86	10.8	0.45
ASN48	0.988	20.4	5.16	0.84	0.81	10.7	0.44
ASN49	0.968	22.3	5.07	0.75	0.81	10.4	0.44
ZYGO1	1.016	21.2	5.27	0.79	0.79	11.0	0.45
ZYGO2	1.043	21.1	5.30	0.87	0.81	11.2	0.48
ZYGO3	1.007	21.6	5.20	0.83	0.88	11.6	0.45
ZYGO4	1.015	23.0	4.90	0.80	0.87	10.5	0.45
ZYGO5	1.018	22.1	5.11	0.81	0.74	10.7	0.42
ZYGO6	0.993	22.5	5.13	0.84	0.78	11.3	0.47
ZYGO7	1.093	19.8	5.38	0.83	0.79	10.5	0.45
ZYGO9	0.993	21.1	5.20	0.92	0.73	10.6	0.46
ZYGO10	0.985	21.2	5.23	0.81	0.80	11.3	0.44
ZYGO11	1.004	20.6	5.25	0.87	0.83	11.1	0.48
ZYGO12	1.079	20.9	5.19	0.84	0.79	11.7	0.48
ZYGO13	0.959	23.1	4.30	0.84	0.88	11.4	0.44
ZYGO14	1.016	20.5	5.14	0.89	0.85	11.4	0.49
ZYGO15	1.046	21.3	5.20	0.83	0.81	10.9	0.47
ZYGO16	1.017	21.1	5.13	0.86	0.81	10.9	0.45
ZYGO18	0.971	22.6	4.32	0.80	0.84	11.2	0.47
ZYGO19	1.097	20.2	5.25	0.85	0.86	10.8	0.49
ZYGO20	1.011	20.9	5.29	0.86	0.76	11.4	0.47

Table ff: MBP

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
ZYGO22	0.940	21.3	5.07	0.82	0.85	11.5	0.43
ZYGO23	1.002	20.9	5.14	0.80	0.81	11.0	0.46
ZYGO26	0.991	21.3	5.13	0.82	0.81	11.4	0.46
ZYGO28	0.992	22.1	5.12	0.78	0.80	11.0	0.41
ZYGO29	0.937	21.5	5.03	0.83	0.76	11.7	0.49
ZYGO30	1.001	20.9	5.16	0.79	0.84	11.3	0.43
ZYGO31	1.011	21.3	5.21	0.83	0.77	10.8	0.44
ZYGO32	1.044	21.9	4.99	0.87	0.67	11.5	0.49
ZYGO33	1.010	20.5	5.10	(1.07)	0.78	10.5	0.45
ZYGO34	0.976	21.3	5.08	0.86	0.73	11.3	0.47
ZYGO35	0.965	23.3	5.05	0.80	0.85	10.9	0.46
ZYGO36	0.956	22.1	5.03	0.83	0.76	10.9	0.47
ZYGO37	0.993	21.3	5.28	0.88	0.71	10.9	0.41
ZYGO38	1.039	20.4	5.24	0.84	0.90	10.6	0.45
KRAK01	0.921	23.1	4.99	0.75	0.67	11.5	0.48
KRAK04	0.951	22.3	4.99	0.74	0.68	10.9	0.43
KRAK05	0.959	21.0	5.15	0.78	0.68	10.8	0.44
KRAK07	0.899	22.3	5.03	0.75	0.70	10.8	0.43
KRAK08	0.945	21.2	5.12	0.81	0.75	11.6	0.42
KRAK11	0.965	21.4	5.08	0.81	0.66	10.7	0.47
KRAK12	0.981	22.7	5.03	0.79	0.76	11.2	0.46
KRAK25	0.999	20.2	5.26	0.83	0.83	10.7	0.44
KRAK27	0.954	21.0	5.21	0.81	0.78	11.0	0.44
KRAK31	0.959	20.4	5.29	0.74	0.82	10.8	0.45
KRAK34	0.965	21.3	5.19	0.72	0.84	10.1	0.44
KRAK35	1.001	21.2	5.23	0.77	0.79	11.2	0.43
KRAK36	0.974	21.4	5.25	0.76	0.88	11.0	0.43
KRAK39	0.978	21.4	5.29	0.77	0.70	10.9	0.41
KRAK40	0.993	21.4	5.24	0.76	0.82	10.5	0.44
KRAK45	0.965	22.5	5.17	0.86	0.79	11.3	0.47
PLAT03	1.027	20.6	5.48	0.81	0.84	10.4	0.43
PKAS12	0.979	22.4	5.26	0.78	0.72	11.0	0.46
NICH87	0.925	20.6	5.30	0.91	0.84	10.8	0.47
NICH98	0.925	21.2	4.99	0.89	0.80	11.1	0.52
STEP12	0.954	22.8	4.94	0.79	0.77	11.1	0.43
THEB2	0.885	22.3	4.93	0.83	0.78	11.1	0.46
THEB3	0.981	21.2	5.09	0.86	0.79	11.2	0.47
THEB9	0.972	20.5	5.33	0.83	0.82	11.0	0.48
THEB13	1.037	23.1	4.69	0.89	0.64	11.5	0.52
THEB16	0.980	21.4	5.19	0.82	0.70	11.2	0.44

Table ff: MBP

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
THEB20	0.972	21.9	4.74	0.83	0.78	11.2	0.46
THEB26	0.989	21.2	5.21	0.80	0.83	10.8	0.44
THEB28	0.942	22.0	5.16	0.84	0.71	11.9	0.46
THEB31	0.980	20.2	5.30	0.83	0.76	11.0	0.46
THEB36	0.971	21.9	5.15	0.80	0.84	11.0	0.45
THEB44	0.963	20.9	5.18	0.96	0.70	11.3	0.50
EUT02	0.961	22.0	5.09	(0.99)	0.78	11.3	0.49
EUT03	0.942	21.5	5.07	0.94	0.78	11.0	0.44
EUT04	0.988	21.7	5.15	0.95	0.84	11.1	0.45
KALL01	0.979	21.4	5.13	0.91	0.81	10.6	0.44
KALL03	1.056	21.8	5.06	(0.99)	0.80	10.9	0.45
HWM4	1.080	20.0	5.28	0.88	0.77	11.1	0.47
HWM5	1.046	22.2	4.99	0.78	0.78	11.3	0.43
HWM6	1.012	21.1	5.26	0.77	0.80	10.5	0.46
HWM7	1.164	21.2	5.27	0.79	0.86	10.7	0.48
HWM8	1.114	19.5	5.40	0.83	0.78	10.8	0.47
HWM9	0.991	23.0	4.88	0.75	0.75	10.9	0.45
HWM12	1.015	22.0	5.04	0.80	0.76	11.2	0.49
HWM13	1.072	20.1	5.26	0.82	0.80	10.7	0.46
HWM14	1.024	22.3	5.06	0.80	0.73	11.5	0.44
HWM15	1.034	20.8	4.94	0.85	0.80	11.5	0.47
HWM18	1.051	20.3	4.98	0.80	0.79	11.3	0.43
HWM20	1.054	19.8	5.28	0.87	0.76	10.7	0.46
HWM22	1.091	20.6	5.30	0.83	0.80	10.9	0.45
HWM23	1.008	20.5	5.29	0.86	0.76	11.3	0.48
HWM24	1.036	20.8	5.28	0.86	0.78	10.8	0.45
HWM25	1.005	20.2	5.19	0.84	0.86	10.5	0.48
HWM26	1.034	21.0	5.21	0.83	0.80	10.7	0.45
HWM27	1.029	20.5	5.15	0.81	0.78	10.9	0.47
HWM29	1.062	21.5	5.14	0.83	0.90	10.8	0.48
HWM30	0.999	21.2	5.13	0.83	0.79	10.7	0.44
HWM31	0.982	21.8	5.05	0.78	0.80	11.0	0.44
HWM32	1.033	22.1	5.03	0.85	0.71	10.7	0.43
HWM33	1.103	19.2	5.47	0.88	0.82	10.6	0.48
HWM35	0.969	22.2	5.06	0.79	0.80	10.6	0.43
HWM36	0.958	22.2	5.03	0.81	0.71	11.1	0.42
HWM37	0.975	21.6	5.23	0.81	0.69	10.8	0.43
HWM38	1.076	19.6	5.46	0.82	0.75	10.7	0.43
HWM40	1.009	21.9	5.12	0.85	0.74	11.4	0.46
HWM41	1.007	22.1	5.09	0.82	0.75	10.8	0.41

Table ff: MBP

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
HWM42	1.030	20.8	5.15	0.83	0.67	10.9	0.44
HWM44	1.023	21.3	5.16	0.83	0.87	11.0	0.43
HWM45	0.996	20.1	5.18	0.82	0.78	10.9	0.45
HWM46	0.987	22.9	4.83	0.81	0.81	11.1	0.43
HWM47	1.051	20.6	5.16	0.88	0.79	10.9	0.44
HWM48	0.956	22.4	5.05	0.87	0.79	11.3	0.45
HWM49	1.040	21.2	5.18	0.78	0.81	10.0	0.42
HWM50	1.028	22.1	4.88	0.86	0.74	11.4	0.42
HWM52	0.963	20.8	5.27	0.82	0.83	11.1	0.43
HWM53	1.024	21.6	5.19	0.80	0.75	10.8	0.42
HWM54	1.053	20.5	5.16	0.86	0.75	11.1	0.43
HWM56	1.037	20.5	5.25	0.84	0.68	10.9	0.42
HWM58	1.022	21.1	5.23	0.82	0.81	10.8	0.41
HWM60	0.996	21.9	5.13	0.81	0.83	10.7	0.44
HWM61	1.067	20.5	5.30	0.84	0.84	10.5	0.46
HWM63	0.989	21.1	5.19	0.78	0.83	11.1	0.46
HWM64	1.079	20.1	5.38	0.81	0.71	10.9	0.44
HWM65	1.019	20.0	5.34	0.78	0.76	10.7	0.48
HWM66	1.033	21.2	5.26	0.80	0.87	10.9	0.43
HWM67	1.062	21.7	5.14	0.80	0.81	10.7	0.45
HWM69	1.044	21.4	5.12	0.82	0.82	10.9	0.42
HWM71	0.976	21.1	5.18	0.80	0.82	11.0	0.43
HWM76	0.981	22.0	4.97	0.94	0.73	11.2	0.46
HWM77	1.004	22.0	4.98	0.78	0.75	11.2	0.49
HWM79	1.026	21.3	5.15	0.80	0.83	11.1	0.44
HWM80	0.995	20.4	5.00	0.80	0.75	10.8	0.42
HWM82	1.017	21.1	5.27	0.79	0.83	11.0	0.43
HWM83	1.030	22.1	5.19	0.77	0.74	11.5	0.40
HWM84	1.075	20.5	5.07	0.86	0.81	11.6	0.45
HWM85	1.031	20.9	5.34	0.82	0.80	11.0	0.41
HWM86	1.064	20.5	5.16	0.89	0.85	11.1	0.44
HWM87	1.012	20.8	5.09	0.82	0.76	11.0	0.43
HWM88	1.030	21.8	5.17	0.81	0.88	11.1	0.41
HWM89	1.155	19.8	5.26	0.85	0.82	10.8	0.41
HWM101	1.039	20.9	5.20	0.84	0.72	11.1	0.45
ave. meas. error		0.074	0.032	0.008	0.050	0.15	0.019
in %		0.3	0.6	0.9	6.4	1.3	4.2
ave. value M		21.	5.1	0.82	0.78	11.	0.45
spread		0.86	0.14	0.040	0.063	0.33	0.027
in %		4.0	2.7	4.8	8.1	3.0	6.0
#		275.	265.	270.	275.	275.	275.

Table ff: MBP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
MYC9	1.018	2.28	2.51	122.
MYC10	1.004	2.27	2.44	128.
MYC11	0.933	2.44	2.44	131.
MYC12	1.005	2.27	2.44	127.
MYC14	1.039	2.37	2.69	117.
MYC15	1.043	2.34	2.84	128.
MCY16	1.007	2.31	2.63	123.
MYC17	1.054	2.25	2.60	119.
MYC18	1.001	2.29	2.82	121.
MYC19	0.997	2.32	2.73	198.
MYC21	0.997	2.27	2.80	183.
MYC22	1.040	2.26	2.62	118.
MYC23	1.007	2.32	2.82	124.
MYC24	0.997	2.47	2.70	130.
MYC25	1.009	2.53	2.81	136.
MYC26	1.026	2.14	2.89	143.
MYC27	1.021	2.30	2.68	141.
MYC28	1.054	2.28	2.84	136.
MYC29	1.036	2.35	2.86	117.
MYC32	1.017	2.58	2.65	124.
MYC33	0.931	2.42	2.67	133.
MYC34	0.988	2.24	2.69	121.
MYC35	1.007	2.52	2.56	140.
MYC36	0.962	2.33	2.82	138.
MYC38	1.038	2.26	2.72	135.
MYC42	1.065	2.37	2.82	128.
MYC43	1.098	2.32	2.83	117.
MYC47	1.037	3.00	2.91	113.
MYC48	0.915	2.24	2.69	119.
MYC53	0.948	2.37	2.63	125.
MYC56	0.980	2.28	2.62	125.
MYC57	0.926	2.33	2.86	119.
MYC58	0.954	2.27	2.54	110.
MYC59	0.874	2.32	2.72	122.
MYC60	1.055	2.18	2.61	120.
MYC62	0.908	2.42	2.74	118.
MYC64	0.902	2.39	2.82	117.
MYC66	0.966	2.26	2.75	126.
MYC67	1.014	2.28	2.85	125.
MYC68	0.993	2.33	2.83	143.

Table ff: MBP

Sample	dil.factor	U	Yb	Zn
MYC69	0.924	2.30	2.82	108.
MYC72	0.975	2.34	2.75	124.
MYC73	0.978	2.26	2.83	122.
MYC74	0.925	2.29	2.59	136.
MYC75	0.952	2.26	2.71	128.
MYC76	0.975	2.31	2.73	139.
MYC78	0.922	2.44	2.59	135.
MYC79	0.955	2.18	2.73	123.
MYC80	0.983	2.33	2.82	118.
MYC81	1.116	2.32	2.62	134.
MYC82	0.934	2.32	2.54	134.
MYC83	0.972	2.29	2.66	131.
MYC84	0.946	2.37	2.55	118.
MYC92	1.018	2.34	2.61	99.8
BRB1	0.970	2.28	2.63	120.
BRB2	1.023	2.19	2.62	116.
BRB4	0.961	2.23	2.59	125.
BRB5	0.949	2.23	2.51	121.
BRB6	1.036	2.31	2.64	107.
BRB8	1.072	2.40	2.59	129.
BRB9	0.947	2.23	2.62	121.
BRB10	0.965	2.25	2.52	103.
BRB12	1.005	2.35	2.51	132.
BRB16	1.015	2.30	2.34	134.
BRB17	0.993	2.30	2.51	124.
BRB18	1.024	2.34	2.60	113.
BRB19	1.105	2.28	2.67	127.
BRB20	1.018	2.37	2.55	114.
BRB21	0.986	2.31	2.61	113.
BRB22	0.945	2.41	2.66	124.
BRB23	0.934	2.34	2.67	132.
BRB24	0.987	2.37	2.52	127.
BRB25	0.963	2.37	2.56	109.
BRB26	0.956	2.16	2.70	115.
BRB27	0.960	2.31	2.62	123.
BRB28	0.959	2.39	2.69	122.
BRB29	0.994	2.31	2.64	117.
BRB30	0.928	2.26	2.57	123.
BRB33	0.926	2.44	2.58	107.
BRB36	1.052	2.20	2.71	104.

Table ff: MBP

Sample	dil.factor	U	Yb	Zn
BRB37	0.969	2.34	2.63	105.
BRB39	0.932	2.37	2.65	106.
BRB40	0.991	2.46	2.76	117.
TIR1	1.088	2.35	2.58	127.
TIR3	0.934	2.22	2.72	125.
TIR4	0.952	2.31	2.72	146.
TIR5	1.000	2.23	2.62	138.
TIR6	0.948	2.38	2.66	135.
TIR8	0.955	2.38	2.63	117.
TIR11	0.967	2.19	2.69	123.
TIR12	0.976	2.26	2.69	136.
TIR13	0.985	2.35	2.71	129.
TIR14	0.969	2.67	2.71	121.
TIR15	0.969	2.33	2.77	125.
TIR16	0.947	2.53	2.88	116.
TIR18	0.937	2.39	2.92	149.
TIR20	0.956	2.46	2.94	114.
TIR21	0.976	2.44	3.06	123.
TIR26	1.035	2.15	2.62	132.
TIR27	1.021	2.23	2.73	133.
TIR28	0.993	2.42	2.64	129.
TIR29	1.031	2.31	2.93	109.
TIR30	0.950	2.33	2.73	136.
TIR31	1.012	2.27	2.81	118.
TIR35	1.003	2.35	2.75	131.
TIR38	1.003	2.28	2.72	138.
TIR41	1.065	2.32	2.80	159.
TIR43	0.981	2.41	2.59	112.
TIR45	1.001	2.38	2.53	153.
ASN01	0.978	2.33	2.57	126.
ASN02	0.964	2.42	2.57	116.
ASN04	0.998	2.31	3.03	129.
ASN06	1.002	2.45	2.43	125.
ASN07	1.015	2.16	2.96	122.
ASN08	0.918	2.32	2.82	114.
ASN09	1.017	2.54	2.93	129.
ASN10	0.955	2.39	2.97	122.
ASN11	0.994	2.26	2.66	125.
ASN12	0.977	2.32	2.63	118.
ASN14	0.979	2.50	2.80	129.

Table ff: MBP

Sample	dil.factor	U	Yb	Zn
ASN15	1.017	2.42	2.71	122.
ASN16	1.048	2.23	2.81	131.
ASN17	1.034	2.26	2.79	127.
ASN18	1.073	2.27	2.45	135.
ASN19	1.016	2.25	2.56	129.
ASN20	0.993	2.44	2.60	109.
ASN21	0.925	2.48	2.86	117.
ASN25	1.100	2.16	3.35	131.
ASN28	1.044	2.34	2.84	124.
ASN29	1.059	2.44	2.73	122.
ASN30	1.094	2.37	2.84	131.
ASN32	0.976	2.43	2.85	108.
ASN33	0.999	2.42	2.84	126.
ASN34	0.960	2.42	2.66	126.
ASN35	1.030	2.38	2.61	124.
ASN41	0.986	2.51	2.57	111.
ASN43	1.047	2.35	3.03	117.
ASN44	0.978	2.36	2.92	90.0
ASN46	0.992	2.27	2.91	114.
ASN47	1.004	2.59	2.88	100.
ASN48	0.988	2.43	2.85	115.
ASN49	0.968	2.52	2.73	117.
ZYGO1	1.016	2.47	2.65	111.
ZYGO2	1.043	2.48	2.70	121.
ZYGO3	1.007	2.39	2.51	98.7
ZYGO4	1.015	2.21	2.42	103.
ZYGO5	1.018	2.30	2.62	135.
ZYGO6	0.993	2.29	2.57	113.
ZYGO7	1.093	2.61	2.56	120.
ZYGO9	0.993	2.23	2.58	116.
ZYGO10	0.985	2.34	2.63	121.
ZYGO11	1.004	2.25	2.75	114.
ZYGO12	1.079	2.16	2.46	106.
ZYGO13	0.959	2.46	2.74	117.
ZYGO14	1.016	2.29	2.60	117.
ZYGO15	1.046	0.23	2.67	161.
ZYGO16	1.017	2.25	2.61	114.
ZYGO18	0.971	2.33	2.75	100.
ZYGO19	1.097	2.26	2.68	159.
ZYGO20	1.011	2.27	2.66	116.

Table ff: MBP

Sample	dil.factor	U	Yb	Zn
ZYGO22	0.940	2.37	2.53	111.
ZYGO23	1.002	2.22	2.74	127.
ZYGO26	0.991	2.41	2.39	113.
ZYGO28	0.992	2.30	2.65	142.
ZYGO29	0.937	2.34	2.58	125.
ZYGO30	1.001	2.31	2.66	133.
ZYGO31	1.011	2.27	2.55	130.
ZYGO32	1.044	2.40	2.44	117.
ZYGO33	1.010	2.30	2.59	129.
ZYGO34	0.976	2.24	2.49	138.
ZYGO35	0.965	2.29	2.58	129.
ZYGO36	0.956	2.36	2.42	121.
ZYGO37	0.993	2.26	2.64	126.
ZYGO38	1.039	2.27	2.50	108.
KRAK01	0.921	2.46	2.96	117.
KRAK04	0.951	2.66	2.82	111.
KRAK05	0.959	2.68	2.80	140.
KRAK07	0.899	2.29	2.94	141.
KRAK08	0.945	2.57	2.68	119.
KRAK11	0.965	2.74	2.64	135.
KRAK12	0.981	2.48	2.58	100.
KRAK25	0.999	2.57	2.87	133.
KRAK27	0.954	2.44	2.82	107.
KRAK31	0.959	2.90	2.82	99.7
KRAK34	0.965	2.68	3.04	123.
KRAK35	1.001	2.48	2.83	140.
KRAK36	0.974	2.51	2.84	121.
KRAK39	0.978	2.94	2.84	117.
KRAK40	0.993	2.58	2.69	110.
KRAK45	0.965	2.37	2.88	125.
PLAT03	1.027	2.51	2.77	122.
PKAS12	0.979	2.30	2.66	93.0
NICH87	0.925	2.38	2.87	129.
NICH98	0.925	2.14	2.72	101.
STEP12	0.954	2.29	2.65	132.
THEB2	0.885	2.29	2.55	133.
THEB3	0.981	2.38	2.49	145.
THEB9	0.972	2.34	2.61	130.
THEB13	1.037	2.37	2.77	124.
THEB16	0.980	2.38	2.76	122.

Table ff: MBP

Sample	dil.factor	U	Yb	Zn
THEB20	0.972	2.58	2.64	120.
THEB26	0.989	2.39	2.54	127.
THEB28	0.942	2.36	2.55	130.
THEB31	0.980	2.30	2.64	112.
THEB36	0.971	2.33	2.58	128.
THEB44	0.963	2.31	2.58	117.
EUT02	0.961	2.29	2.79	119.
EUT03	0.942	2.33	2.82	113.
EUT04	0.988	2.35	2.79	113.
KALL01	0.979	2.42	2.62	137.
KALL03	1.056	2.35	2.89	90.8
HWM4	1.080	2.26	2.35	136.
HWM5	1.046	2.28	2.71	149.
HWM6	1.012	2.33	2.72	120.
HWM7	1.164	2.67	2.64	135.
HWM8	1.114	2.26	2.82	118.
HWM9	0.991	2.32	2.85	124.
HWM12	1.015	2.30	2.72	124.
HWM13	1.072	2.24	2.87	111.
HWM14	1.024	2.21	2.60	122.
HWM15	1.034	2.25	2.67	115.
HWM18	1.051	2.10	2.72	131.
HWM20	1.054	2.40	2.87	135.
HWM22	1.091	2.28	3.00	121.
HWM23	1.008	2.27	2.77	131.
HWM24	1.036	2.37	2.79	121.
HWM25	1.005	2.32	2.75	122.
HWM26	1.034	2.39	2.75	117.
HWM27	1.029	2.40	2.64	122.
HWM29	1.062	2.47	2.96	98.8
HWM30	0.999	3.29	2.93	108.
HWM31	0.982	2.93	2.68	124.
HWM32	1.033	2.39	2.74	138.
HWM33	1.103	2.27	2.82	111.
HWM35	0.969	2.43	2.79	122.
HWM36	0.958	2.36	2.77	127.
HWM37	0.975	2.32	2.89	109.
HWM38	1.076	2.31	2.84	127.
HWM40	1.009	2.33	2.34	132.
HWM41	1.007	2.36	2.87	122.

Table ff: MBP

Sample	dil.factor	U	Yb	Zn
HWM42	1.030	2.96	2.87	125.
HWM44	1.023	2.39	2.76	128.
HWM45	0.996	2.33	2.76	102.
HWM46	0.987	2.36	2.60	124.
HWM47	1.051	2.28	2.84	129.
HWM48	0.956	2.36	2.58	134.
HWM49	1.040	2.36	2.87	153.
HWM50	1.028	2.35	2.89	136.
HWM52	0.963	2.44	2.98	121.
HWM53	1.024	2.34	2.84	129.
HWM54	1.053	2.54	2.95	106.
HWM56	1.037	2.34	2.68	121.
HWM58	1.022	2.41	2.85	124.
HWM60	0.996	2.35	2.91	121.
HWM61	1.067	2.40	2.93	91.8
HWM63	0.989	2.26	2.90	128.
HWM64	1.079	2.62	2.92	100.
HWM65	1.019	2.31	2.71	112.
HWM66	1.033	2.41	2.76	116.
HWM67	1.062	2.33	2.66	94.5
HWM69	1.044	2.41	2.51	125.
HWM71	0.976	2.38	2.71	107.
HWM76	0.981	2.47	2.73	114.
HWM77	1.004	2.68	2.62	123.
HWM79	1.026	2.27	2.65	101.
HWM80	0.995	2.50	2.68	141.
HWM82	1.017	2.30	2.72	129.
HWM83	1.030	2.45	2.83	112.
HWM84	1.075	2.46	2.68	86.0
HWM85	1.031	2.28	2.77	110.
HWM86	1.064	2.34	2.71	104.
HWM87	1.012	2.54	2.72	144.
HWM88	1.030	2.34	2.82	102.
HWM89	1.155	3.82	2.71	114.
HWM101	1.039	2.32	2.92	123.
ave. meas. error		0.033	0.10	7.8
in %		1.4	3.8	6.4
ave. value M		2.4	2.7	123.
spread		0.11	0.14	12.
in %		4.6	5.1	9.9
#		267.	274.	273.

Table: NI2P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
KRAK41	0.827	7.11	0.50	74.6	25.1	268.	6.85
PLAT16	1.080	6.96	4.32	68.1	29.1	275.	4.76
PERS14	1.045	8.36	4.39	76.0	22.9	207.	5.53
NICH14	1.102	6.63	6.56	73.2	25.1	222.	6.83
NICH25	1.013	7.10	1.34	79.9	27.5	256.	5.07
NICH44	1.067	6.57	0.89	80.9	30.0	180.	6.17
NICH48	1.013	6.03	0.61	74.8	29.8	204.	5.92
NICH51	1.018	6.75	6.38	73.4	28.4	174.	6.11
NICH55	1.029	7.62	7.20	79.1	27.7	282.	5.11
NICH56	1.055	6.78	4.40	71.3	24.4	230.	5.61
NICH81	0.827	8.05	0.58	78.8	25.0	213.	6.22
NICH85	0.935	7.40	3.93	66.1	24.6	252.	7.58
NICH90	0.920	7.92	3.68	82.2	31.2	200.	6.18
NICH95	1.090	7.02	2.51	73.7	26.8	190.	6.15
ave. meas. error		0.15	0.41	1.1	0.81	4.6	0.22
in %		2.0	12.	1.4	3.0	2.0	3.6
ave. value M		7.2	3.4	75.	27.	225.	6.0
spread		0.64	2.4	4.7	2.4	36.	0.76
in %		8.9	70.	6.3	8.6	16.	13.
#		14.	14.	14.	14.	14.	14.

Table ff: NI2P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
KRAK41	0.827	6.00	1.64	3.66	4.61	2.10	39.2
PLAT16	1.080	6.76	1.76	4.44	4.81	1.71	36.3
PERS14	1.045	5.85	1.52	4.91	5.84	2.11	37.4
NICH14	1.102	6.03	1.63	3.83	5.37	2.36	39.8
NICH25	1.013	6.82	1.64	4.32	4.84	1.94	37.9
NICH44	1.067	6.42	1.63	4.25	4.97	2.26	40.3
NICH48	1.013	6.21	1.80	3.80	5.38	1.97	40.0
NICH51	1.018	6.18	1.74	3.95	3.61	1.96	41.4
NICH55	1.029	5.57	1.50	4.28	5.69	1.92	39.0
NICH56	1.055	6.61	1.70	3.94	5.06	1.88	39.1
NICH81	0.827	5.77	1.55	5.15	4.64	1.72	41.4
NICH85	0.935	6.26	1.61	4.65	3.98	1.60	38.1
NICH90	0.920	5.60	1.54	5.06	4.56	2.05	39.6
NICH95	1.090	5.93	1.56	4.21	5.42	3.02	36.1
ave. meas. error		0.16	0.049	0.066	0.32	0.25	0.58
in %		2.7	3.0	1.5	6.5	12.	1.5
ave. value M		6.1	1.6	4.3	4.9	2.0	39.
spread		0.40	0.094	0.48	0.62	0.32	1.6
in %		6.5	5.8	11.	13.	16.	4.2
#		14.	14.	14.	14.	14.	14.

Table ff: NI2P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
KRAK41	0.827	0.50	316.	0.41	37.3	209.	145.
PLAT16	1.080	0.50	1187.	0.76	35.7	207.	99.4
PERS14	1.045	0.50	542.	0.54	34.2	167.	102.
NICH14	1.102	0.48	883.	0.64	37.2	158.	145.
NICH25	1.013	0.47	667.	0.49	38.7	160.	94.2
NICH44	1.067	0.47	944.	0.44	34.8	145.	171.
NICH48	1.013	0.46	574.	0.43	41.1	168.	146.
NICH51	1.018	0.52	930.	0.47	38.5	131.	133.
NICH55	1.029	0.48	619.	0.79	35.0	196.	143.
NICH56	1.055	0.53	692.	0.62	36.3	156.	134.
NICH81	0.827	0.46	786.	0.45	37.2	145.	105.
NICH85	0.935	0.49	802.	0.67	37.8	240.	128.
NICH90	0.920	0.47	660.	0.77	33.9	132.	127.
NICH95	1.090	0.52	371.	0.44	35.3	167.	135.
ave. meas. error		0.019	8.7	0.009	2.1	16.	19.
in %		3.9	1.2	1.7	5.8	9.3	16.
ave. value M		0.49	712.	0.56	36.	169.	123.
spread		0.022	233.	0.14	2.1	32.	21.
in %		4.5	33.	25.	5.8	19.	17.
#		14.	14.	14.	14.	14.	14.

Table ff: NI2P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
KRAK41	0.827	18.1	6.80	0.96	1.12	11.2	0.42
PLAT16	1.080	17.6	7.17	0.92	1.08	10.4	0.38
PERS14	1.045	17.8	6.59	1.04	1.00	12.5	0.51
NICH14	1.102	16.4	7.06	1.02	1.15	10.6	0.42
NICH25	1.013	15.9	7.17	1.13	1.11	11.6	0.43
NICH44	1.067	16.1	6.85	1.01	1.16	11.0	0.42
NICH48	1.013	15.5	7.54	0.92	1.19	10.9	0.39
NICH51	1.018	17.3	7.38	1.07	1.17	11.3	0.42
NICH55	1.029	17.4	6.60	1.24	1.05	12.7	0.50
NICH56	1.055	16.4	7.55	1.03	1.12	10.9	0.43
NICH81	0.827	18.6	6.86	1.18	1.12	11.8	0.48
NICH85	0.935	17.1	6.67	1.08	1.16	10.4	0.43
NICH90	0.920	18.8	6.66	1.19	1.08	12.3	0.48
NICH95	1.090	17.2	7.32	1.04	1.07	11.8	0.44
ave. meas. error		0.060	0.013	0.005	0.046	0.16	0.012
in %		0.3	0.2	0.5	4.2	1.4	2.8
ave. value M		17.	7.0	1.1	1.1	11.	0.44
spread		1.0	0.34	0.097	0.050	0.77	0.038
in %		5.9	4.9	9.1	4.5	6.7	8.6
#		14.	14.	14.	14.	14.	14.

Table ff: NI2P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
KRAK41	0.827	2.95	3.37	141.
PLAT16	1.080	2.28	3.41	121.
PERS14	1.045	2.57	3.61	123.
NICH14	1.102	2.92	3.57	104.
NICH25	1.013	1.97	3.55	109.
NICH44	1.067	2.13	3.50	108.
NICH48	1.013	1.88	3.50	108.
NICH51	1.018	2.32	3.46	112.
NICH55	1.029	2.46	3.07	129.
NICH56	1.055	2.31	3.59	82.3
NICH81	0.827	2.27	3.39	152.
NICH85	0.935	2.65	3.54	145.
NICH90	0.920	2.55	3.22	121.
NICH95	1.090	2.40	3.51	106.
ave. meas. error		0.027	0.12	6.0
in %		1.1	3.4	5.1
ave. value M		2.4	3.4	119.
spread		0.31	0.15	19.
in %		13.	4.4	16.
#		14.	14.	14.

Table: NI3P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
PLAT06	1.029	8.53	7.72	73.3	36.3	296.	4.54
PKAS20	1.076	9.55	8.72	72.8	35.3	327.	3.15
NICH32	0.997	9.41	7.82	75.3	30.5	288.	4.42
NICH33	0.967	9.09	6.32	76.4	41.1	360.	2.70
NICH34	0.964	8.93	6.02	76.7	43.5	347.	1.72
NICH37	1.025	8.60	6.21	75.7	36.2	360.	3.60
NICH39	0.994	8.20	6.86	78.5	38.5	355.	1.72
NICH78	0.962	8.65	6.15	75.4	31.7	281.	1.08
NICH80	0.969	8.68	6.89	71.5	33.1	285.	4.97
ave. meas. error		0.18	0.48	1.4	0.49	7.4	0.24
in %		2.0	7.0	1.9	1.3	2.3	7.8
ave. value M		8.8	6.9	75.	36.	322.	3.1
spread		0.44	0.92	2.2	4.2	34.	1.4
in %		5.0	13.	2.9	12.	11.	45.
#		9.	9.	9.	9.	9.	9.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
PLAT06	1.029	5.41	1.52	6.42	3.93	2.51	37.4
PKAS20	1.076	5.32	1.41	6.91	3.36	1.42	36.2
NICH32	0.997	5.17	1.37	6.70	4.00	1.79	38.7
NICH33	0.967	5.26	1.48	6.88	3.96	1.03	36.4
NICH34	0.964	5.48	1.45	6.86	3.10	0.60	37.0
NICH37	1.025	5.70	1.40	6.44	4.09	0.66	37.0
NICH39	0.994	5.56	1.44	5.88	3.58	1.16	38.0
NICH78	0.962	5.64	1.60	6.24	4.46	0.60	37.7
NICH80	0.969	5.71	1.54	6.01	4.04	0.80	37.9
ave. meas. error		0.15	0.062	0.11	0.38	0.25	0.62
in %		2.8	4.2	1.7	9.9	22.	1.7
ave. value M		5.4	1.5	6.5	3.8	1.2	37.
spread		0.20	0.078	0.38	0.40	0.64	0.81
in %		3.7	5.3	5.9	10.	55.	2.2
#		9.	9.	9.	9.	9.	9.

Table ff: NI3P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
PLAT06	1.029	0.49	1173.	0.74	29.5	241.	101.
PKAS20	1.076	0.47	952.	0.30	35.0	295.	73.2
NICH32	0.997	0.46	1039.	0.20	31.4	265.	93.7
NICH33	0.967	0.49	993.	0.009	29.3	442.	41.6
NICH34	0.964	0.49	1282.	0.009	29.6	399.	86.8
NICH37	1.025	0.46	976.	0.13	32.9	329.	41.0
NICH39	0.994	0.46	976.	0.21	31.5	377.	68.6
NICH78	0.962	0.52	1057.	0.15	26.8	215.	39.4
NICH80	0.969	0.53	1203.	0.18	32.2	236.	46.5
ave. meas. error		0.020	13.	0.008	2.1	22.	19.
in %		4.1	1.2	3.7	6.7	7.1	29.
ave. value M		0.48	1072.	0.21	31.	311.	67.
spread		0.025	118.	0.22	2.3	80.	24.
in %		5.2	11.	101.	7.6	26.	37.
#		9.	9.	9.	9.	9.	9.

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
PLAT06	1.029	26.7	6.25	0.94	0.94	12.7	0.54
PKAS20	1.076	26.0	5.92	0.92	0.95	13.2	0.53
NICH32	0.997	26.1	5.94	1.03	0.99	13.4	0.52
NICH33	0.967	25.4	6.19	1.15	0.99	12.8	0.51
NICH34	0.964	24.7	6.32	1.10	0.88	12.5	0.52
NICH37	1.025	23.7	6.38	2.43	1.21	11.8	0.53
NICH39	0.994	24.1	6.49	1.04	1.12	12.0	0.55
NICH78	0.962	25.4	6.39	0.96	0.94	13.1	0.59
NICH80	0.969	25.1	6.32	1.07	0.98	13.0	0.56
ave. meas. error		0.083	0.010	0.007	0.057	0.21	0.015
in %		0.3	0.2	0.6	5.7	1.6	2.7
ave. value M		25.	6.2	1.2	1.0	13.	0.54
spread		0.96	0.20	0.48	0.11	0.54	0.026
in %		3.8	3.2	40.	10.	4.2	4.8
#		9.	9.	9.	9.	9.	9.

Table ff: NI3P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
PLAT06	1.029	2.34	3.21	161.
PKAS20	1.076	2.39	3.23	136.
NICH32	0.997	2.41	3.26	99.7
NICH33	0.967	2.21	3.46	135.
NICH34	0.964	2.13	3.63	135.
NICH37	1.025	2.37	3.54	113.
NICH39	0.994	2.61	3.50	81.5
NICH78	0.962	2.23	3.42	118.
NICH80	0.969	2.16	3.61	130.
ave. meas. error		0.030	0.13	7.9
in %		1.3	3.7	6.4
ave. value M		2.3	3.4	123.
spread		0.15	0.16	23.
in %		6.5	4.8	19.
#		9.	9.	9.

Table: NI4P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
NICH26	1.029	8.32	3.98	80.3	26.3	339.	1.98
NICH61	1.021	7.93	6.22	83.2	27.3	311.	0.77
NICH62	1.027	8.46	2.33	74.1	23.4	324.	1.76
NICH64	1.014	8.15	3.73	75.6	25.5	324.	1.76
NICH67	0.969	7.81	4.30	82.1	32.4	258.	1.23
NICH70	1.027	8.14	3.62	76.0	26.1	300.	2.79
NICH72	0.973	8.85	4.68	79.7	27.9	258.	1.94
NICH73	1.002	8.13	3.84	78.3	23.9	279.	1.29
NICH74	0.956	8.34	4.61	80.4	25.0	277.	1.20
NICH75	0.970	8.04	5.64	82.5	24.4	282.	1.62
NICH77	0.980	8.27	5.01	78.4	25.7	255.	2.29
NICH79	1.012	7.94	3.42	77.9	25.5	323.	1.68
ave. meas. error		0.17	0.42	1.4	0.37	7.1	0.23
in %		2.1	10.0	1.8	1.4	2.4	14.
ave. value M		8.2	4.3	79.	26.	294.	1.7
spread		0.29	1.0	2.9	2.3	30.	0.54
in %		3.5	25.	3.7	9.0	10.	32.
#		12.	12.	12.	12.	12.	12.

Table ff: NI4P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
NICH26	1.029	5.89	1.65	5.64	5.26	1.38	39.0
NICH61	1.021	5.89	1.58	5.86	5.51	1.73	40.4
NICH62	1.027	5.77	1.68	5.40	5.45	1.01	40.3
NICH64	1.014	6.49	1.67	5.24	5.33	1.92	39.7
NICH67	0.969	5.67	1.51	6.08	5.66	1.37	39.8
NICH70	1.027	6.34	1.63	5.28	5.08	1.31	40.5
NICH72	0.973	8.57	1.62	5.71	5.90	1.60	40.1
NICH73	1.002	5.87	1.60	5.13	6.31	1.13	40.1
NICH74	0.956	5.71	1.53	5.68	5.46	1.78	42.3
NICH75	0.970	6.19	1.71	5.34	5.40	1.22	43.2
NICH77	0.980	6.05	1.57	5.76	5.64	1.84	40.8
NICH79	1.012	6.46	1.73	5.16	5.56	1.19	39.7
ave. meas. error		0.13	0.052	0.092	0.38	0.24	0.62
in %		2.0	3.2	1.7	7.0	17.	1.5
ave. value M		6.2	1.6	5.5	5.5	1.4	40.
spread		0.79	0.070	0.31	0.38	0.30	1.1
in %		13.	4.3	5.5	7.0	21.	2.8
#		12.	12.	12.	12.	12.	12.

Table ff: NI4P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
NICH26	1.029	0.48	385.	0.50	37.0	229.	71.0
NICH61	1.021	0.52	741.	0.50	32.1	197.	97.0
NICH62	1.027	0.51	506.	0.33	30.8	214.	67.8
NICH64	1.014	0.52	648.	0.49	27.8	258.	71.0
NICH67	0.969	0.56	1045.	0.63	34.2	249.	65.9
NICH70	1.027	0.55	676.	0.51	34.0	257.	57.5
NICH72	0.973	0.48	694.	0.66	32.1	241.	96.3
NICH73	1.002	0.49	1082.	0.43	33.2	173.	101.
NICH74	0.956	0.48	619.	0.57	36.0	210.	72.7
NICH75	0.970	0.51	699.	0.53	35.4	178.	50.4
NICH77	0.980	0.53	576.	0.67	34.6	206.	62.7
NICH79	1.012	0.55	651.	0.44	31.8	185.	59.7
ave. meas. error		0.021	8.7	0.009	2.2	20.	21.
in %		4.0	1.3	1.7	6.6	9.4	29.
ave. value M		0.51	693.	0.52	33.	215.	71.
spread		0.028	198.	0.098	2.6	30.	21.
in %		5.5	29.	19.	7.7	14.	29.
#		12.	12.	12.	12.	12.	12.

Table ff: NI4P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
NICH26	1.029	18.4	6.91	1.20	1.01	12.9	0.52
NICH61	1.021	19.2	6.99	1.15	0.98	12.7	0.52
NICH62	1.027	20.4	7.09	1.09	1.04	12.3	0.53
NICH64	1.014	19.7	7.12	1.07	1.05	12.3	0.51
NICH67	0.969	19.4	6.79	1.16	0.86	13.7	0.51
NICH70	1.027	19.3	7.19	1.04	1.15	11.8	0.51
NICH72	0.973	20.0	6.67	1.12	1.09	13.3	0.50
NICH73	1.002	18.7	7.04	1.25	1.11	12.5	0.53
NICH74	0.956	20.2	6.82	1.12	1.15	13.0	0.52
NICH75	0.970	19.6	7.26	1.14	1.01	12.8	0.49
NICH77	0.980	19.8	6.80	1.13	1.05	13.5	0.51
NICH79	1.012	19.5	7.07	1.07	1.12	12.2	0.49
ave. meas. error		0.073	0.015	0.007	0.061	0.21	0.013
in %		0.4	0.2	0.6	5.8	1.7	2.5
ave. value M		20.	7.0	1.1	1.0	13.	0.51
spread		0.59	0.18	0.058	0.083	0.57	0.014
in %		3.0	2.6	5.1	7.9	4.5	2.8
#		12.	12.	12.	12.	12.	12.

Table ff: NI4P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
NICH26	1.029	2.92	3.44	126.
NICH61	1.021	2.73	3.45	138.
NICH62	1.027	2.20	3.42	126.
NICH64	1.014	2.64	3.74	113.
NICH67	0.969	3.22	3.38	157.
NICH70	1.027	2.69	3.67	137.
NICH72	0.973	2.98	3.31	146.
NICH73	1.002	2.67	3.75	102.
NICH74	0.956	3.19	3.49	149.
NICH75	0.970	2.26	3.58	111.
NICH77	0.980	3.11	3.58	145.
NICH79	1.012	2.56	3.89	110.
ave. meas. error		0.030	0.13	7.5
in %		1.1	3.7	5.8
ave. value M		2.8	3.6	130.
spread		0.33	0.17	18.
in %		12.	4.9	14.
#		12.	12.	12.

Table: NI5P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
NICH05	1.072	6.17	1.55	92.6	20.8	341.	6.36
NICH07	1.005	6.91	0.75	76.6	28.2	178.	6.45
NICH10	0.973	7.11	0.94	77.9	32.3	183.	7.25
NICH21	0.983	6.86	1.16	82.7	32.1	219.	3.58
NICH22	0.986	6.41	1.30	93.9	40.3	199.	3.73
NICH24	0.981	6.29	4.32	83.2	23.6	238.	1.21
NICH31	0.950	6.65	2.47	87.9	39.0	203.	5.84
NICH57	1.027	6.99	1.30	78.3	27.8	224.	6.96
NICH66	1.018	6.86	–	108.	40.5	236.	3.91
NICH68	0.889	7.09	1.25	71.7	30.7	254.	2.78
NICH86	1.070	6.94	6.32	75.5	21.9	363.	6.25
NICH96	0.991	7.31	1.98	75.6	29.3	247.	5.44
ave. meas. error		0.14	0.36	1.2	0.40	5.1	0.20
in %		2.1	17.	1.4	1.3	2.1	3.9
ave. value M		6.8	2.1	84.	31.	240.	5.0
spread		0.34	1.7	10.	6.8	57.	1.9
in %		5.0	81.	12.	22.	24.	38.
#		12.	11.	12.	12.	12.	12.

Table ff: NI5P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
NICH05	1.072	8.50	2.07	4.49	6.07	1.11	41.9
NICH07	1.005	9.45	2.44	3.99	4.87	2.06	42.0
NICH10	0.973	9.30	2.62	3.79	4.19	1.90	48.8
NICH21	0.983	8.13	2.25	4.67	5.13	1.38	46.0
NICH22	0.986	9.27	2.49	3.81	4.36	1.56	50.7
NICH24	0.981	8.63	2.19	4.04	5.09	1.49	48.4
NICH31	0.950	8.98	2.18	4.94	4.49	1.94	47.6
NICH57	1.027	7.85	2.06	4.38	4.78	2.82	46.9
NICH66	1.018	7.38	2.36	4.52	4.59	0.93	43.3
NICH68	0.889	9.33	2.20	9.63	4.81	1.72	46.8
NICH86	1.070	7.83	1.98	4.71	5.67	1.49	43.2
NICH96	0.991	8.26	2.16	4.19	4.32	2.01	47.7
ave. meas. error		0.15	0.072	0.073	0.31	0.26	0.65
in %		1.8	3.2	1.5	6.4	15.	1.4
ave. value M		8.6	2.2	4.8	4.8	1.7	46.
spread		0.70	0.19	1.6	0.56	0.49	2.9
in %		8.1	8.6	33.	12.	29.	6.2
#		12.	12.	12.	12.	12.	12.

Table ff: NI5P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
NICH05	1.072	0.65	717.	0.76	40.5	211.	91.1
NICH07	1.005	0.63	993.	0.51	46.4	260.	141.
NICH10	0.973	0.63	834.	0.51	49.0	172.	149.
NICH21	0.983	0.61	720.	0.35	52.0	187.	80.6
NICH22	0.986	0.58	782.	0.32	59.3	191.	85.8
NICH24	0.981	0.60	765.	0.54	50.9	173.	37.3
NICH31	0.950	0.61	784.	0.36	52.0	177.	123.
NICH57	1.027	0.61	775.	0.50	34.9	195.	159.
NICH66	1.018	0.64	1054.	0.36	47.6	209.	70.2
NICH68	0.889	0.61	942.	0.45	42.8	243.	101.
NICH86	1.070	0.61	446.	0.79	47.1	219.	93.1
NICH96	0.991	0.55	881.	0.61	48.8	242.	165.
ave. meas. error		0.023	10.0	0.009	2.5	16.	19.
in %		3.8	1.2	1.9	5.3	8.0	18.
ave. value M		0.61	808.	0.50	47.	206.	106.
spread		0.027	157.	0.15	6.2	29.	39.
in %		4.5	19.	31.	13.	14.	37.
#		12.	12.	12.	12.	12.	12.

Table ff: NI5P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
NICH05	1.072	16.0	8.40	1.11	1.43	10.1	0.41
NICH07	1.005	16.1	9.31	1.09	1.74	10.3	0.40
NICH10	0.973	17.1	10.0	0.98	1.59	10.7	0.42
NICH21	0.983	16.6	9.60	1.07	1.64	11.4	0.44
NICH22	0.986	15.3	11.2	1.06	1.75	10.9	0.40
NICH24	0.981	15.8	9.52	1.07	1.73	11.0	0.45
NICH31	0.950	16.7	10.4	1.00	1.72	11.6	0.42
NICH57	1.027	18.1	8.62	1.08	1.55	11.2	0.45
NICH66	1.018	18.3	9.89	0.94	1.07	11.7	0.44
NICH68	0.889	17.4	9.30	0.93	1.64	11.2	0.42
NICH86	1.070	16.1	8.54	1.05	1.48	11.0	0.45
NICH96	0.991	16.8	9.04	1.05	1.50	11.6	0.45
ave. meas. error		0.060	0.019	0.005	0.048	0.16	0.011
in %		0.4	0.2	0.5	3.1	1.5	2.7
ave. value M		17.	9.5	1.0	1.6	11.	0.43
spread		0.92	0.82	0.056	0.19	0.51	0.019
in %		5.5	8.7	5.4	12.	4.6	4.4
#		12.	12.	12.	12.	12.	12.

Table ff: NI5P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
NICH05	1.072	2.33	4.38	98.6
NICH07	1.005	1.87	4.49	121.
NICH10	0.973	2.03	4.76	122.
NICH21	0.983	1.93	4.28	112.
NICH22	0.986	1.78	4.43	123.
NICH24	0.981	2.54	4.28	79.5
NICH31	0.950	1.99	4.62	121.
NICH57	1.027	2.05	3.01	137.
NICH66	1.018	1.82	3.73	134.
NICH68	0.889	2.28	4.33	180.
NICH86	1.070	2.36	4.34	101.
NICH96	0.991	2.38	4.05	110.
ave. meas. error		0.029	0.14	6.1
in %		1.4	3.4	5.1
ave. value M		2.1	4.2	120.
spread		0.25	0.46	25.
in %		12.	11.	21.
#		12.	12.	12.

Table: NI6P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
NICH03	1.104	7.01	1.62	78.9	13.6	339.	4.07
NICH04	1.021	7.76	0.49	66.6	7.31	304.	6.28
NICH09	1.048	7.82	3.24	55.8	10.9	328.	6.07
NICH42	0.964	5.69	4.29	68.3	16.7	305.	3.29
NICH54	0.883	7.25	0.88	60.6	10.2	327.	5.02
NICH60	0.962	7.21	1.86	58.9	12.5	338.	3.28
ave. meas. error		0.21	0.34	0.93	0.21	5.1	0.18
in %		2.9	17.	1.4	1.8	1.6	3.8
ave. value M		7.2	2.0	65.	12.	323.	4.7
spread		0.70	1.4	8.4	3.2	16.	1.3
in %		9.8	70.	13.	27.	4.8	29.
#		6.	6.	6.	6.	6.	6.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
NICH03	1.104	4.93	1.26	4.16	6.03	1.23	33.2
NICH04	1.021	4.75	1.18	2.09	6.29	1.73	34.2
NICH09	1.048	5.60	1.30	3.03	5.45	1.61	33.2
NICH42	0.964	5.27	1.48	4.23	6.06	1.43	34.0
NICH54	0.883	5.50	1.27	4.11	5.02	1.64	34.9
NICH60	0.962	5.36	1.20	4.42	5.77	1.56	31.7
ave. meas. error		0.12	0.043	0.054	0.30	0.18	0.50
in %		2.2	3.4	1.5	5.1	12.	1.5
ave. value M		5.2	1.3	3.7	5.8	1.5	34.
spread		0.34	0.11	0.92	0.46	0.18	1.1
in %		6.4	8.3	25.	8.0	12.	3.3
#		6.	6.	6.	6.	6.	6.

Table ff: NI6P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
NICH03	1.104	0.41	282.	0.66	30.2	126.	174.
NICH04	1.021	0.47	88.8	0.49	29.4	82.7	135.
NICH09	1.048	0.50	243.	0.42	28.2	112.	116.
NICH42	0.964	0.42	462.	0.68	28.8	153.	101.
NICH54	0.883	0.48	180.	0.23	31.3	119.	98.9
NICH60	0.962	0.50	266.	0.24	28.2	108.	103.
ave. meas. error		0.020	3.6	0.008	2.0	14.	18.
in %		4.3	1.4	1.8	6.8	12.	15.
ave. value M		0.46	254.	0.45	29.	116.	120.
spread		0.041	124.	0.19	2.0	23.	28.
in %		8.8	49.	43.	6.8	20.	23.
#		6.	6.	6.	6.	6.	6.

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
NICH03	1.104	14.7	5.58	1.04	0.89	10.2	0.41
NICH04	1.021	16.4	5.26	1.13	0.84	9.90	0.50
NICH09	1.048	15.9	5.76	0.98	0.90	10.1	0.44
NICH42	0.964	14.8	6.15	1.03	1.00	10.3	0.43
NICH54	0.883	15.8	5.96	1.08	0.97	10.8	0.47
NICH60	0.962	15.3	5.85	1.06	0.89	10.9	0.48
ave. meas. error		0.055	0.010	0.004	0.048	0.14	0.010
in %		0.4	0.2	0.4	5.2	1.4	2.2
ave. value M		15.	5.8	1.1	0.91	10.	0.46
spread		0.66	0.31	0.049	0.060	0.42	0.033
in %		4.3	5.4	4.7	6.7	4.0	7.2
#		6.	6.	6.	6.	6.	6.

Table ff: NI6P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
NICH03	1.104	2.14	2.94	83.9
NICH04	1.021	2.60	3.14	65.3
NICH09	1.048	2.96	3.53	68.1
NICH42	0.964	2.31	2.90	74.2
NICH54	0.883	2.67	3.08	78.6
NICH60	0.962	2.66	3.32	83.7
ave. meas. error		0.027	0.12	4.8
in %		1.0	3.8	6.3
ave. value M		2.6	3.2	76.
spread		0.29	0.24	7.9
in %		11.	7.5	11.
#		6.	6.	6.

Table: PE1AP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
PKAS04	1.026	6.96	9.75	61.3	24.0	242.	3.76
PKAS05	0.974	7.02	8.67	61.6	24.9	266.	4.04
ave. meas. error		0.12	0.50	1.1	0.35	6.5	0.24
in %		1.7	5.4	1.9	1.4	2.6	6.2
ave. value M		7.0	9.2	61.	24.	254.	3.9
spread		0.12	0.76	1.1	0.65	17.	0.24
in %		1.7	8.3	1.9	2.7	6.6	6.2
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
PKAS04	1.026	5.10	1.34	4.94	4.17	1.80	31.7
PKAS05	0.974	5.27	1.46	4.82	3.93	1.67	32.1
ave. meas. error		0.13	0.045	0.070	0.32	0.22	0.50
in %		2.6	3.2	1.4	7.9	13.	1.6
ave. value M		5.2	1.4	4.9	4.1	1.7	32.
spread		0.13	0.088	0.080	0.32	0.22	0.50
in %		2.6	6.2	1.6	7.9	13.	1.6
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
PKAS04	1.026	0.42	924.	0.46	27.6	203.	110.
PKAS05	0.974	0.43	846.	0.49	30.3	199.	104.
ave. meas. error		0.017	8.0	0.008	1.8	17.	18.
in %		4.1	0.9	1.8	6.4	8.7	17.
ave. value M		0.42	885.	0.48	29.	201.	107.
spread		0.017	55.	0.021	1.9	17.	18.
in %		4.1	6.2	4.5	6.6	8.7	17.
#		2.	2.	2.	2.	2.	2.

Table ff: PE1AP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
PKAS04	1.026	19.1	5.53	0.83	0.88	10.3	0.40
PKAS05	0.974	18.7	5.68	0.82	0.93	10.7	0.41
ave. meas. error		0.065	0.010	0.006	0.055	0.16	0.014
in %		0.3	0.2	0.8	6.1	1.6	3.4
ave. value M		19.	5.6	0.83	0.90	10.	0.41
spread		0.29	0.10	0.008	0.055	0.28	0.014
in %		1.5	1.9	0.94	6.1	2.7	3.4
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	U	Yb	Zn
PKAS04	1.026	1.75	2.82	102.
PKAS05	0.974	1.85	3.03	84.7
ave. meas. error		0.025	0.11	7.0
in %		1.4	3.8	7.5
ave. value M		1.8	2.9	93.
spread		0.068	0.15	12.
in %		3.8	5.0	13.
#		2.	2.	2.

Table: PE1P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
PKAS14	0.874	7.24	7.60	63.1	26.8	281.	1.27
PKAS18	0.951	6.98	8.37	60.8	28.0	290.	2.77
PERS18	1.112	6.63	13.5	63.7	24.9	156.	2.17
PERS19	1.078	7.06	12.4	60.8	24.7	212.	3.54
ave. meas. error		0.14	0.50	1.1	0.35	5.3	0.22
in %		2.0	4.8	1.7	1.3	2.2	9.2
ave. value M		7.0	10.	62.	26.	234.	2.4
spread		0.26	2.9	1.5	1.6	63.	0.96
in %		3.7	28.	2.5	6.0	27.	39.
#		4.	4.	4.	4.	4.	4.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
PKAS14	0.874	4.75	1.34	5.24	3.51	1.26	31.3
PKAS18	0.951	4.95	1.34	5.37	3.65	1.52	31.1
PERS18	1.112	5.20	1.31	4.44	3.77	0.78	30.7
PERS19	1.078	4.64	1.32	4.75	3.79	1.65	32.1
ave. meas. error		0.20	0.040	0.074	0.31	0.22	0.50
in %		4.0	3.0	1.5	8.3	17.	1.6
ave. value M		4.9	1.3	4.9	3.7	1.3	31.
spread		0.23	0.040	0.43	0.31	0.38	0.56
in %		4.8	3.0	8.8	8.3	29.	1.8
#		4.	4.	4.	4.	4.	4.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
PKAS14	0.874	0.40	791.	0.38	30.0	207.	51.6
PKAS18	0.951	0.37	1254.	0.30	29.6	215.	57.1
PERS18	1.112	0.41	822.	0.22	31.6	212.	130.
PERS19	1.078	0.40	968.	0.20	28.6	198.	81.9
ave. meas. error		0.016	11.	0.007	1.8	18.	14.
in %		4.2	1.1	2.5	6.0	8.6	18.
ave. value M		0.39	959.	0.28	30.	209.	79.
spread		0.019	212.	0.080	1.8	18.	35.
in %		4.9	22.	29.	6.0	8.6	44.
#		4.	4.	4.	4.	4.	4.

Table ff: PE1P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
PKAS14	0.874	18.8	5.56	0.83	0.92	10.6	0.41
PKAS18	0.951	19.0	5.55	0.79	0.96	10.4	0.40
PERS18	1.112	16.1	5.72	0.85	0.83	10.6	0.38
PERS19	1.078	17.8	5.51	0.82	0.82	10.2	0.42
ave. meas. error		0.062	0.025	0.007	0.040	0.15	0.015
in %		0.3	0.5	0.9	4.5	1.4	3.7
ave. value M		18.	5.6	0.82	0.89	10.	0.40
spread		1.3	0.093	0.025	0.062	0.17	0.015
in %		7.3	1.7	3.1	6.9	1.6	3.7
#		4.	4.	4.	4.	4.	4.

Sample	dil.factor	U	Yb	Zn
PKAS14	0.874	2.57	2.65	94.4
PKAS18	0.951	2.19	2.67	76.1
PERS18	1.112	1.71	2.70	90.1
PERS19	1.078	2.32	2.65	108.
ave. meas. error		0.023	0.100	6.7
in %		1.0	3.7	7.4
ave. value M		2.2	2.7	92.
spread		0.36	0.100	13.
in %		16.	3.7	14.
#		4.	4.	4.

Table: PE2P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
PERS09	1.046	7.90	6.07	71.8	19.5	263.	4.10
PERS10	0.969	9.11	9.01	70.5	18.0	299.	6.19
PERS11	0.978	7.41	7.34	66.0	25.6	284.	4.08
ave. meas. error		0.18	0.46	0.93	0.31	4.4	0.23
in %		2.2	6.2	1.3	1.5	1.5	4.8
ave. value M		8.1	7.5	69.	21.	282.	4.8
spread		0.87	1.5	3.0	4.0	19.	1.2
in %		11.	20.	4.3	19.	6.6	25.
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
PERS09	1.046	5.29	1.44	5.58	4.56	1.10	34.2
PERS10	0.969	5.06	1.47	5.76	5.38	0.50	32.6
PERS11	0.978	2.44	1.44	5.58	4.82	0.38	33.2
ave. meas. error		0.12	0.045	0.066	0.28	0.16	0.60
in %		2.9	3.1	1.2	5.7	25.	1.8
ave. value M		4.3	1.5	5.6	4.9	0.64	33.
spread		1.6	0.045	0.10	0.42	0.38	0.83
in %		37.	3.1	1.8	8.6	60.	2.5
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
PERS09	1.046	0.43	849.	0.26	30.8	157.	47.1
PERS10	0.969	0.39	500.	0.68	28.4	223.	49.4
PERS11	0.978	0.46	375.	0.32	32.6	244.	47.9
ave. meas. error		0.018	6.0	0.008	1.8	16.	8.2
in %		4.3	1.0	1.8	6.0	8.0	17.
ave. value M		0.42	575.	0.42	31.	206.	48.
spread		0.036	246.	0.23	2.1	46.	8.2
in %		8.6	43.	55.	6.9	22.	17.
#		3.	3.	3.	3.	3.	3.

Table ff: PE2P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
PERS09	1.046	17.8	6.20	0.96	0.97	11.8	0.49
PERS10	0.969	22.1	6.26	1.07	0.92	13.2	0.49
PERS11	0.978	19.6	6.01	1.22	1.03	12.4	0.48
ave. meas. error		0.061	0.010	0.006	0.043	0.13	0.015
in %		0.3	0.2	0.6	4.4	1.0	3.1
ave. value M		20.	6.2	1.1	0.97	12.	0.49
spread		2.1	0.13	0.13	0.043	0.73	0.015
in %		11.	2.1	12.	4.4	5.9	3.1
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	U	Yb	Zn
PERS09	1.046	2.10	2.69	64.9
PERS10	0.969	1.80	2.63	33.9
PERS11	0.978	2.23	3.19	83.1
ave. meas. error		0.050	0.11	6.4
in %		2.4	3.7	11.
ave. value M		2.1	2.8	61.
spread		0.22	0.31	25.
in %		11.	11.	41.
#		3.	3.	3.

Table: PE3P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
PERS03	0.991	7.48	0.79	74.3	38.1	371.	6.12
PERS08	1.003	8.39	0.30	71.9	37.2	402.	5.96
NICH49	1.004	8.12	4.81	76.5	37.5	386.	5.25
ave. meas. error		0.14	0.37	1.1	0.50	6.0	0.26
in %		1.8	19.	1.5	1.3	1.6	4.4
ave. value M		8.0	1.9	74.	38.	386.	5.8
spread		0.46	2.5	2.3	0.50	16.	0.47
in %		5.8	127.	3.1	1.3	4.1	8.2
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
PERS03	0.991	6.27	1.66	5.46	5.29	2.29	41.4
PERS08	1.003	6.24	1.53	5.81	5.74	1.82	37.6
NICH49	1.004	5.51	1.56	6.25	4.83	2.30	31.9
ave. meas. error		0.16	0.046	0.077	0.35	0.29	0.60
in %		2.6	2.9	1.3	6.6	14.	1.6
ave. value M		6.0	1.6	5.8	5.3	2.1	37.
spread		0.43	0.071	0.40	0.44	0.29	4.8
in %		7.1	4.5	6.8	8.3	14.	13.
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
PERS03	0.991	0.56	989.	0.37	39.4	296.	135.
PERS08	1.003	0.54	1028.	0.33	31.1	262.	135.
NICH49	1.004	0.48	1015.	0.63	35.3	327.	179.
ave. meas. error		0.020	11.	0.009	2.0	20.	16.
in %		3.9	1.1	2.1	5.8	6.7	11.
ave. value M		0.53	1011.	0.44	35.	294.	138.
spread		0.042	20.	0.16	4.2	33.	16.
in %		8.0	1.9	37.	12.	11.	11.
#		3.	3.	3.	3.	3.	3.

Table ff: PE3P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
PERS03	0.991	19.0	6.89	1.11	1.09	12.0	0.55
PERS08	1.003	19.0	6.70	1.10	1.10	12.6	0.52
NICH49	1.004	21.5	6.50	1.17	1.06	12.5	0.52
ave. meas. error		0.063	0.010	0.006	0.056	0.16	0.012
in %		0.3	0.1	0.6	5.2	1.3	2.2
ave. value M		20.	6.7	1.1	1.1	12.	0.53
spread		1.4	0.20	0.038	0.056	0.33	0.016
in %		7.3	2.9	3.4	5.2	2.7	3.0
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	U	Yb	Zn
PERS03	0.991	2.31	3.68	156.
PERS08	1.003	2.42	3.49	157.
NICH49	1.004	2.81	3.37	140.
ave. meas. error		0.030	0.12	7.6
in %		1.2	3.3	5.1
ave. value M		2.5	3.5	150.
spread		0.26	0.15	10.
in %		11.	4.2	6.7
#		3.	3.	3.

Table: PE4P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
OLYM19	0.973	7.71	1.26	51.0	12.7	289.	3.14
PERS04	1.041	7.95	1.46	48.4	12.9	312.	3.90
CHOR10	0.983	7.57	2.36	47.0	12.1	331.	3.21
ave. meas. error		0.16	0.27	1.0	0.20	5.4	0.21
in %		2.0	16.	2.1	1.6	1.7	6.1
ave. value M		7.8	1.7	49.	13.	311.	3.4
spread		0.19	0.58	2.0	0.43	21.	0.41
in %		2.4	35.	4.1	3.4	6.8	12.
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
OLYM19	0.973	4.68	1.12	4.95	4.54	1.24	28.1
PERS04	1.041	3.49	0.95	4.71	5.48	1.90	22.6
CHOR10	0.983	4.55	1.10	5.07	4.13	1.67	25.2
ave. meas. error		0.12	0.044	0.067	0.31	0.18	0.53
in %		2.8	4.2	1.4	6.5	11.	2.1
ave. value M		4.2	1.1	4.9	4.7	1.6	25.
spread		0.66	0.093	0.19	0.69	0.34	2.8
in %		15.	8.8	3.8	15.	21.	11.
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
OLYM19	0.973	0.43	326.	0.16	–	194.	71.0
PERS04	1.041	0.39	171.	0.96	18.2	168.	101.
CHOR10	0.983	0.43	393.	0.13	27.3	199.	109.
ave. meas. error		0.017	4.0	0.029	1.6	17.	15.
in %		4.0	1.4	6.9	6.9	9.1	17.
ave. value M		0.42	297.	0.42	23.	186.	92.
spread		0.023	114.	0.47	6.4	17.	19.
in %		5.5	38.	112.	28.	9.1	21.
#		3.	3.	3.	2.	3.	3.

Table ff: PE4P

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
OLYM19	0.973	15.7	4.67	0.90	0.75	11.0	0.42
PERS04	1.041	16.9	3.92	0.76	0.61	10.5	0.38
CHOR10	0.983	16.4	4.72	0.90	0.68	10.4	0.45
ave. meas. error		0.057	0.010	0.006	0.046	0.15	0.010
in %		0.3	0.2	0.7	6.8	1.4	2.4
ave. value M		16.	4.4	0.85	0.69	11.	0.41
spread		0.56	0.45	0.083	0.068	0.33	0.037
in %		3.4	10.	9.7	9.9	3.1	8.9
#		3.	3.	3.	3.	3.	3.

Sample	dil.factor	U	Yb	Zn
OLYM19	0.973	2.09	3.00	90.5
PERS04	1.041	2.21	2.50	60.4
CHOR10	0.983	2.47	2.76	82.6
ave. meas. error		0.024	0.093	6.7
in %		1.0	3.4	8.6
ave. value M		2.3	2.8	77.
spread		0.19	0.25	16.
in %		8.5	9.1	20.
#		3.	3.	3.

Table: PERP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
ASN54	1.055	6.71	7.60	50.5	29.6	598.	23.8
PERA1	0.967	5.90	9.48	53.7	38.9	657.	18.1
PERA2	1.022	6.72	11.0	49.1	32.9	652.	24.2
PERA3	0.971	6.69	9.61	49.5	30.3	644.	36.9
PERA5	0.997	7.10	12.5	45.1	34.0	588.	40.3
PERA9	1.001	6.37	10.0	46.1	30.5	570.	29.7
PERA10	0.927	6.07	9.08	45.9	38.4	583.	11.4
PERA12	1.033	6.00	11.7	47.7	32.2	637.	25.7
PERA13	1.044	5.96	12.9	45.3	40.7	553.	15.8
PERA14	1.224	6.30	12.0	49.8	25.7	540.	20.7
PERA16	0.993	6.92	9.83	45.7	33.2	699.	37.4
PERA17	0.885	6.33	7.79	52.3	24.9	571.	19.1
PERA18	0.970	6.91	9.80	48.3	33.6	562.	34.3
PERA21	1.001	6.56	8.91	49.5	28.4	684.	39.7
PERA23	0.996	6.01	10.7	46.4	34.5	624.	21.5
PERA24	1.027	6.72	11.2	48.4	28.6	662.	34.1
PERA25	0.863	6.79	7.25	53.8	33.5	522.	14.3
ave. meas. error		0.13	0.51	1.2	0.46	11.	0.62
in %		2.0	5.1	2.4	1.4	1.8	2.4
ave. value M		6.5	10.	49.	32.	608.	26.
spread		0.38	1.7	2.8	4.4	53.	9.4
in %		5.9	17.	5.8	13.	8.7	36.
#		17.	17.	17.	17.	17.	17.

Table ff: PERP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
ASN54	1.055	4.29	1.04	4.56	3.45	1.29	26.4
PERA1	0.967	3.91	1.04	4.60	4.03	1.53	23.3
PERA2	1.022	4.23	1.02	4.67	3.86	1.71	23.2
PERA3	0.971	4.19	1.10	4.48	4.48	1.08	23.9
PERA5	0.997	4.10	1.00	5.53	3.85	1.91	23.1
PERA9	1.001	4.17	1.11	5.06	3.94	1.31	23.7
PERA10	0.927	4.13	1.03	5.54	3.99	0.99	21.7
PERA12	1.033	4.12	0.95	5.10	3.55	1.59	21.7
PERA13	1.044	3.80	1.00	5.95	4.08	1.74	21.9
PERA14	1.224	4.19	1.22	4.28	4.60	1.19	25.1
PERA16	0.993	3.89	1.00	4.58	4.01	1.29	20.1
PERA17	0.885	4.27	1.04	4.79	4.41	1.12	25.2
PERA18	0.970	3.95	1.03	4.93	4.06	1.74	22.9
PERA21	1.001	4.01	1.10	4.76	3.83	1.19	23.7
PERA23	0.996	4.23	0.97	5.91	3.89	1.26	22.0
PERA24	1.027	4.18	1.08	5.11	3.62	1.58	21.7
PERA25	0.863	4.25	1.06	4.91	3.67	1.78	25.5
ave. meas. error		0.12	0.059	0.078	0.35	0.21	0.52
in %		3.0	5.6	1.6	8.7	15.	2.2
ave. value M		4.1	1.0	5.0	4.0	1.4	23.
spread		0.15	0.059	0.49	0.35	0.29	1.7
in %		3.7	5.6	9.8	8.7	20.	7.1
#		17.	17.	17.	17.	17.	17.

Table ff: PERP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
ASN54	1.055	0.37	934.	0.98	26.2	457.	131.
PERA1	0.967	0.36	883.	0.53	23.0	413.	119.
PERA2	1.022	0.35	759.	0.54	19.8	487.	130.
PERA3	0.971	0.36	653.	0.94	22.3	462.	83.5
PERA5	0.997	0.37	758.	0.53	19.9	450.	158.
PERA9	1.001	0.40	802.	0.54	19.1	422.	149.
PERA10	0.927	0.38	737.	0.40	23.0	542.	101.
PERA12	1.033	0.40	790.	0.45	24.3	447.	81.6
PERA13	1.044	0.38	993.	0.40	22.8	603.	86.7
PERA14	1.224	0.38	685.	0.93	26.6	381.	73.4
PERA16	0.993	0.36	737.	0.93	21.8	532.	96.3
PERA17	0.885	0.37	689.	0.37	25.8	413.	49.6
PERA18	0.970	0.36	939.	0.58	23.0	457.	118.
PERA21	1.001	0.34	586.	0.92	20.8	422.	97.1
PERA23	0.996	0.38	795.	0.44	21.3	566.	111.
PERA24	1.027	0.35	741.	0.60	24.9	443.	109.
PERA25	0.863	0.39	704.	0.95	18.9	370.	80.3
ave. meas. error		0.019	9.0	0.010	1.8	26.	15.
in %		5.1	1.2	1.5	7.9	5.7	15.
ave. value M		0.37	775.	0.65	23.	462.	102.
spread		0.019	108.	0.23	2.4	64.	27.
in %		5.1	14.	36.	11.	14.	27.
#		17.	17.	17.	17.	17.	17.

Table ff: PERP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
ASN54	1.055	19.9	4.59	0.72	0.65	8.09	0.42
PERA1	0.967	19.3	4.40	0.70	0.73	7.95	0.41
PERA2	1.022	21.8	4.51	0.74	0.78	8.04	0.44
PERA3	0.971	22.4	4.53	0.74	0.69	7.83	0.44
PERA5	0.997	21.4	4.36	0.68	0.77	7.95	0.43
PERA9	1.001	21.7	4.56	0.68	0.69	7.80	0.46
PERA10	0.927	21.0	4.44	0.75	0.72	8.12	0.47
PERA12	1.033	21.2	4.42	0.81	0.68	7.80	0.45
PERA13	1.044	20.6	4.26	0.72	0.74	7.91	0.42
PERA14	1.224	19.5	4.64	0.75	0.76	7.85	0.41
PERA16	0.993	22.9	4.20	0.75	0.72	8.39	0.46
PERA17	0.885	18.5	4.75	0.80	0.73	8.43	0.42
PERA18	0.970	21.6	4.38	0.73	0.81	8.12	0.39
PERA21	1.001	23.2	4.43	0.77	0.70	8.34	0.44
PERA23	0.996	21.1	4.38	0.76	0.71	7.81	0.44
PERA24	1.027	22.4	4.31	0.79	0.71	7.76	0.41
PERA25	0.863	20.5	4.72	0.74	0.68	8.80	0.39
ave. meas. error		0.071	0.025	0.007	0.056	0.16	0.016
in %		0.3	0.6	0.9	7.8	2.0	3.7
ave. value M		21.	4.5	0.74	0.72	8.1	0.43
spread		1.3	0.15	0.038	0.056	0.28	0.023
in %		6.1	3.5	5.1	7.8	3.5	5.4
#		17.	17.	17.	17.	17.	17.

Table ff: PERP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
ASN54	1.055	1.67	2.42	104.
PERA1	0.967	2.91	2.42	103.
PERA2	1.022	1.70	2.44	89.9
PERA3	0.971	1.98	2.48	59.2
PERA5	0.997	2.12	2.40	104.
PERA9	1.001	2.14	2.64	106.
PERA10	0.927	1.64	2.54	109.
PERA12	1.033	2.17	2.69	101.
PERA13	1.044	1.48	2.56	98.1
PERA14	1.224	2.66	2.34	96.7
PERA16	0.993	2.09	2.50	55.6
PERA17	0.885	2.00	2.65	92.0
PERA18	0.970	2.01	2.39	109.
PERA21	1.001	2.16	2.60	72.1
PERA23	0.996	1.67	2.57	121.
PERA24	1.027	2.10	2.52	96.5
PERA25	0.863	2.07	2.71	120.
ave. meas. error		0.027	0.11	7.5
in %		1.3	4.2	7.8
ave. value M		2.0	2.5	96.
spread		0.36	0.11	18.
in %		18.	4.5	19.
#		17.	17.	17.

Table: PESP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
PERA4	0.969	6.89	7.36	58.6	35.9	719.	6.69
PERA7	1.028	7.06	6.99	55.0	26.6	772.	7.09
ave. meas. error		0.13	0.50	1.1	0.44	13.	0.30
in %		1.8	6.9	2.0	1.4	1.7	4.3
ave. value M		7.0	7.2	57.	31.	745.	6.9
spread		0.13	0.50	2.6	6.6	37.	0.30
in %		1.8	6.9	4.5	21.	5.0	4.3
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
PERA4	0.969	5.12	1.33	6.15	5.10	1.17	28.8
PERA7	1.028	4.65	1.15	5.57	5.49	1.44	26.5
ave. meas. error		0.15	0.065	0.095	0.38	0.20	0.50
in %		3.1	5.2	1.6	7.1	15.	1.8
ave. value M		4.9	1.2	5.9	5.3	1.3	28.
spread		0.33	0.12	0.41	0.38	0.20	1.6
in %		6.8	10.	7.0	7.1	15.	5.8
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
PERA4	0.969	0.43	990.	0.55	30.3	479.	62.0
PERA7	1.028	0.42	715.	0.52	28.8	453.	106.
ave. meas. error		0.20	9.5	0.008	2.1	27.	15.
in %		48.	1.1	1.6	7.2	5.8	18.
ave. value M		0.43	853.	0.54	29.	465.	84.
spread		0.20	194.	0.022	2.1	27.	31.
in %		48.	23.	4.1	7.2	5.8	37.
#		2.	2.	2.	2.	2.	2.

Table ff: PESP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
PERA4	0.969	23.4	5.61	0.92	0.97	10.2	0.54
PERA7	1.028	22.7	5.14	0.83	0.73	9.10	0.50
ave. meas. error		0.075	0.010	0.007	0.055	0.16	0.014
in %		0.3	0.2	0.8	6.5	1.7	2.8
ave. value M		23.	5.4	0.87	0.85	9.6	0.52
spread		0.48	0.33	0.065	0.17	0.75	0.031
in %		2.1	6.2	7.4	20.	7.8	5.9
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	U	Yb	Zn
PERA4	0.969	2.03	3.36	91.1
PERA7	1.028	3.01	2.94	117.
ave. meas. error		0.030	0.13	7.5
in %		1.2	4.1	7.2
ave. value M		2.5	3.1	104.
spread		0.70	0.30	18.
in %		28.	9.5	18.
#		2.	2.	2.

Table: PHAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
FEST3	1.051	6.51	6.52	56.5	31.0	504.	4.81
FEST7	0.958	7.43	7.76	54.7	33.0	394.	8.18
FEST8	1.007	7.30	8.86	55.1	30.7	415.	7.93
FEST9	0.991	7.20	6.74	58.0	32.3	451.	6.33
FEST13	0.972	7.58	8.55	58.5	30.6	417.	5.93
FEST14	0.913	8.66	8.49	56.9	34.8	368.	8.53
FEST15	0.921	9.03	8.93	52.9	33.7	360.	9.49
FEST19	0.983	6.76	9.24	56.5	30.9	417.	5.73
FEST21	0.967	6.77	6.38	55.8	33.0	495.	5.58
FEST22	0.964	7.04	5.49	56.0	34.0	484.	5.61
FEST28	1.044	7.01	8.35	53.8	33.2	469.	4.96
FEST30	1.015	7.31	8.73	54.2	34.3	423.	7.13
FEST31	0.971	6.78	5.44	55.3	34.4	482.	6.17
FEST34	0.975	7.50	8.78	55.6	33.6	389.	8.68
FEST35	1.058	7.70	10.6	52.7	34.7	379.	7.68
FEST36	0.990	7.83	6.04	54.1	36.6	462.	6.69
FEST37	1.026	6.90	9.34	56.5	31.9	391.	6.00
FEST38	0.982	7.00	8.94	54.6	31.8	431.	7.48
FEST40	0.994	6.87	8.45	52.7	34.1	437.	5.95
FEST41	1.018	8.04	6.52	52.1	32.1	458.	6.34
FEST43	1.029	7.78	8.64	53.7	33.9	471.	7.13
FEST44	0.976	7.61	6.34	54.5	32.9	468.	7.04
FEST45	1.046	7.09	8.58	52.8	38.0	600.	8.24
FEST48	0.910	7.31	7.92	55.2	30.3	360.	8.21
FEST49	1.015	7.35	10.9	54.3	33.7	405.	6.87
FEST50	1.094	6.91	9.74	53.1	33.7	517.	5.12
FEST51	1.027	7.20	10.5	54.6	31.6	400.	7.37
FEST53	0.968	7.59	7.74	55.2	30.8	378.	7.60
FEST55	0.996	7.52	10.1	54.8	33.5	371.	9.16
FEST56	1.038	6.80	7.89	53.7	33.4	521.	5.38
FEST57	0.972	6.98	5.44	55.9	32.4	500.	5.59
FEST59	1.021	6.49	5.41	55.4	31.4	501.	5.52
FEST60	0.966	7.41	9.95	54.3	34.2	411.	8.11
KNOS2	0.933	7.07	7.74	55.5	37.0	397.	6.56
KNOS22	1.159	7.17	10.1	55.6	38.2	359.	5.81
ave. meas. error		0.20	0.55	1.0	0.48	7.3	0.29
in %		2.7	6.7	1.8	1.5	1.7	4.2
ave. value M		7.2	8.1	55.	33.	436.	6.8
spread		0.49	1.6	1.5	2.0	57.	1.3
in %		6.7	20.	2.6	6.0	13.	19.
#		35.	35.	35.	35.	35.	35.

Table ff: PHAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
FEST3	1.051	4.58	1.06	5.15	4.31	2.67	28.1
FEST7	0.958	4.39	0.99	5.31	3.50	2.79	28.4
FEST8	1.007	4.34	1.03	5.80	4.08	3.17	27.2
FEST9	0.991	4.31	0.92	5.47	3.60	3.25	29.0
FEST13	0.972	4.34	1.17	5.20	3.66	2.11	28.1
FEST14	0.913	3.94	1.03	5.43	3.62	2.98	27.2
FEST15	0.921	4.10	1.01	5.68	4.03	2.98	26.5
FEST19	0.983	4.76	1.08	5.34	3.95	2.02	27.0
FEST21	0.967	3.98	1.08	5.33	4.23	1.81	28.5
FEST22	0.964	4.24	1.19	5.49	4.18	2.73	28.1
FEST28	1.044	4.27	1.13	5.25	3.83	2.68	28.4
FEST30	1.015	4.12	1.09	5.61	3.59	2.53	27.4
FEST31	0.971	4.12	1.14	5.49	4.19	1.99	27.0
FEST34	0.975	4.21	1.07	5.66	3.74	1.77	27.1
FEST35	1.058	4.18	1.07	5.76	3.34	2.55	27.0
FEST36	0.990	4.07	0.97	5.74	3.24	2.45	25.9
FEST37	1.026	4.26	1.11	5.35	3.60	2.29	27.5
FEST38	0.982	4.28	1.18	5.54	3.63	2.46	28.0
FEST40	0.994	4.47	1.06	5.31	3.65	2.15	28.1
FEST41	1.018	4.17	1.09	5.42	4.01	1.56	27.8
FEST43	1.029	3.99	1.10	5.55	3.24	3.09	27.1
FEST44	0.976	3.95	1.05	5.68	3.75	2.17	27.9
FEST45	1.046	4.27	0.95	5.76	3.35	2.73	26.7
FEST48	0.910	4.08	1.09	5.48	3.72	2.22	26.7
FEST49	1.015	4.01	1.17	5.79	3.53	1.90	27.2
FEST50	1.094	4.42	1.17	5.34	3.72	2.10	26.0
FEST51	1.027	4.18	1.13	5.45	4.59	1.90	27.6
FEST53	0.968	3.96	1.22	5.47	4.06	2.26	27.6
FEST55	0.996	3.92	1.05	5.54	3.36	2.57	28.2
FEST56	1.038	4.09	1.09	5.19	4.00	2.44	29.4
FEST57	0.972	4.34	1.22	5.14	4.29	2.28	28.6
FEST59	1.021	4.17	1.18	5.21	4.47	1.92	28.3
FEST60	0.966	3.78	0.99	5.74	4.14	2.48	28.5
KNOS2	0.933	4.23	1.22	5.82	3.50	2.26	26.2
KNOS22	1.159	4.27	1.15	5.70	3.65	2.28	27.6
ave. meas. error		0.15	0.060	0.081	0.28	0.32	0.55
in %		3.5	5.5	1.5	7.5	13.	2.0
ave. value M		4.2	1.1	5.5	3.8	2.4	28.
spread		0.19	0.080	0.21	0.34	0.41	0.82
in %		4.6	7.3	3.8	8.9	17.	3.0
#		35.	35.	35.	35.	35.	35.

Table ff: PHAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
FEST3	1.051	0.36	955.	1.04	22.8	349.	110.
FEST7	0.958	0.37	833.	0.60	21.7	354.	159.
FEST8	1.007	0.34	721.	0.83	23.8	314.	153.
FEST9	0.991	0.34	903.	0.74	24.2	388.	164.
FEST13	0.972	0.36	852.	1.17	23.4	351.	76.8
FEST14	0.913	0.34	745.	0.47	23.6	331.	135.
FEST15	0.921	0.34	825.	0.34	22.2	346.	169.
FEST19	0.983	0.38	874.	1.27	23.3	389.	116.
FEST21	0.967	0.36	942.	0.81	25.5	404.	115.
FEST22	0.964	0.30	906.	0.89	24.9	452.	126.
FEST28	1.044	0.36	1268.	0.93	20.4	399.	115.
FEST30	1.015	0.36	862.	0.76	24.9	389.	135.
FEST31	0.971	0.38	873.	0.84	25.6	400.	119.
FEST34	0.975	0.37	916.	0.82	24.7	365.	128.
FEST35	1.058	0.37	804.	0.63	23.8	381.	123.
FEST36	0.990	0.35	1112.	0.78	24.0	445.	114.
FEST37	1.026	0.39	896.	0.81	24.5	328.	122.
FEST38	0.982	0.38	826.	0.84	23.3	355.	141.
FEST40	0.994	0.36	1408.	0.74	26.3	387.	116.
FEST41	1.018	0.43	1124.	0.64	22.7	395.	105.
FEST43	1.029	0.35	898.	0.65	21.0	475.	130.
FEST44	0.976	0.34	877.	0.66	24.3	396.	123.
FEST45	1.046	0.34	973.	0.77	22.6	479.	111.
FEST48	0.910	0.40	790.	0.78	26.2	351.	123.
FEST49	1.015	0.36	956.	0.63	21.5	354.	141.
FEST50	1.094	0.37	1166.	0.99	21.6	430.	116.
FEST51	1.027	0.36	774.	1.11	25.0	357.	120.
FEST53	0.968	0.36	738.	0.75	20.5	325.	140.
FEST55	0.996	0.35	791.	0.48	22.4	338.	120.
FEST56	1.038	0.35	1269.	0.89	25.2	394.	90.3
FEST57	0.972	0.36	987.	0.87	26.1	370.	123.
FEST59	1.021	0.36	998.	0.91	23.7	381.	108.
FEST60	0.966	0.37	943.	0.65	23.6	354.	112.
KNOS2	0.933	0.34	913.	0.61	24.9	437.	102.
KNOS22	1.159	0.37	961.	0.72	19.8	424.	93.9
ave. meas. error		0.017	11.	0.012	1.7	23.	15.
in %		4.7	1.2	1.5	7.1	6.0	13.
ave. value M		0.36	933.	0.78	23.	382.	117.
spread		0.022	157.	0.19	1.7	41.	16.
in %		6.1	17.	25.	7.1	11.	14.
#		35.	35.	35.	35.	35.	35.

Table ff: PHAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
FEST3	1.051	18.6	4.78	0.97	0.88	9.18	0.44
FEST7	0.958	20.8	4.46	0.95	0.77	9.40	0.41
FEST8	1.007	21.5	4.52	0.98	0.80	9.19	0.44
FEST9	0.991	20.3	4.64	0.93	0.70	9.72	0.40
FEST13	0.972	19.5	4.80	0.98	0.82	9.53	0.41
FEST14	0.913	20.9	4.58	1.11	0.72	9.83	0.39
FEST15	0.921	22.2	4.39	1.08	0.73	9.65	0.39
FEST19	0.983	19.4	4.76	1.05	0.83	9.68	0.36
FEST21	0.967	19.1	4.71	0.88	0.73	9.59	0.42
FEST22	0.964	19.5	4.62	0.90	0.76	9.54	0.42
FEST28	1.044	19.5	4.77	0.87	0.77	9.08	0.41
FEST30	1.015	20.9	4.58	0.90	0.74	9.40	0.45
FEST31	0.971	19.9	4.63	0.90	0.76	9.49	0.43
FEST34	0.975	21.1	4.63	0.90	0.74	9.68	0.43
FEST35	1.058	22.5	4.50	0.86	0.66	9.38	0.41
FEST36	0.990	22.8	4.44	0.86	0.69	9.15	0.46
FEST37	1.026	20.7	4.69	0.87	0.79	9.41	0.44
FEST38	0.982	20.3	4.64	0.90	0.71	9.62	0.44
FEST40	0.994	20.7	4.63	0.86	0.73	9.25	0.44
FEST41	1.018	19.9	4.66	0.86	0.72	9.14	0.44
FEST43	1.029	21.0	4.45	0.90	0.73	9.72	0.42
FEST44	0.976	21.0	4.61	0.88	0.91	10.2	0.42
FEST45	1.046	20.0	4.60	0.88	0.66	8.90	0.41
FEST48	0.910	21.0	4.64	0.93	0.66	9.71	0.47
FEST49	1.015	21.4	4.64	0.86	0.65	9.49	0.45
FEST50	1.094	19.1	4.70	0.87	0.80	9.12	0.42
FEST51	1.027	21.5	4.63	0.94	0.81	8.95	0.46
FEST53	0.968	21.8	4.70	0.94	0.79	9.39	0.48
FEST55	0.996	21.1	4.57	0.95	0.73	9.51	0.42
FEST56	1.038	19.6	4.86	0.89	0.76	9.31	0.41
FEST57	0.972	19.0	4.69	0.90	0.79	9.25	0.41
FEST59	1.021	18.8	4.72	0.90	0.75	9.35	0.43
FEST60	0.966	21.4	4.53	0.90	0.69	9.28	0.40
KNOS2	0.933	22.1	4.53	0.90	0.63	9.39	0.44
KNOS22	1.159	20.9	4.44	0.94	0.65	9.63	0.42
ave. meas. error		0.20	0.012	0.007	0.051	0.14	0.016
in %		1.0	0.3	0.7	6.9	1.5	3.9
ave. value M		21.	4.6	0.92	0.74	9.4	0.43
spread		1.1	0.11	0.061	0.065	0.28	0.023
in %		5.4	2.4	6.7	8.8	2.9	5.4
#		35.	35.	35.	35.	35.	35.

Table ff: PHAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
FEST3	1.051	2.11	2.45	104.
FEST7	0.958	2.52	2.56	136.
FEST8	1.007	2.39	2.44	140.
FEST9	0.991	2.16	2.49	105.
FEST13	0.972	2.50	2.51	95.3
FEST14	0.913	2.47	2.38	127.
FEST15	0.921	2.79	2.31	126.
FEST19	0.983	2.42	2.43	88.5
FEST21	0.967	2.08	2.59	115.
FEST22	0.964	2.03	2.28	124.
FEST28	1.044	2.26	2.50	127.
FEST30	1.015	2.41	2.42	117.
FEST31	0.971	2.05	2.39	113.
FEST34	0.975	2.58	2.21	128.
FEST35	1.058	2.47	2.53	142.
FEST36	0.990	2.18	2.38	99.0
FEST37	1.026	2.74	2.54	111.
FEST38	0.982	2.33	2.39	111.
FEST40	0.994	2.14	2.35	98.4
FEST41	1.018	2.18	2.47	108.
FEST43	1.029	2.15	2.56	130.
FEST44	0.976	2.12	2.33	113.
FEST45	1.046	2.13	2.32	109.
FEST48	0.910	2.68	2.52	104.
FEST49	1.015	2.88	2.36	123.
FEST50	1.094	2.24	2.56	115.
FEST51	1.027	2.27	2.52	109.
FEST53	0.968	2.34	2.50	107.
FEST55	0.996	2.94	2.57	133.
FEST56	1.038	2.26	2.44	81.0
FEST57	0.972	2.05	2.43	101.
FEST59	1.021	2.04	2.74	104.
FEST60	0.966	2.82	2.47	130.
KNOS2	0.933	2.10	2.35	99.5
KNOS22	1.159	2.24	2.41	108.
ave. meas. error		0.036	0.091	7.4
in %		1.5	3.7	6.5
ave. value M		2.3	2.4	114.
spread		0.26	0.096	14.
in %		11.	3.9	13.
#		35.	35.	35.

Table: PHBP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
FEST6	0.958	7.00	9.77	55.9	29.6	366.	8.28
FEST10	1.056	6.83	11.4	57.1	28.6	332.	6.73
FEST11	0.945	7.92	9.64	60.7	29.2	330.	8.51
FEST46	1.031	7.92	11.8	57.1	28.5	329.	8.08
HWM57	1.006	7.42	11.4	56.3	28.3	312.	7.89
ave. meas. error		0.23	0.60	1.0	0.38	6.4	0.25
in %		3.2	5.6	1.8	1.3	1.9	3.1
ave. value M		7.3	11.	57.	29.	333.	7.9
spread		0.49	1.0	1.9	0.52	20.	0.70
in %		6.7	9.3	3.3	1.8	5.9	8.8
#		5.	5.	5.	5.	5.	5.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
FEST6	0.958	4.35	1.07	5.22	4.23	2.76	28.4
FEST10	1.056	4.25	1.02	4.98	3.92	2.91	29.3
FEST11	0.945	3.93	1.10	5.26	3.81	2.54	28.4
FEST46	1.031	4.10	0.93	5.21	4.33	2.17	28.8
HWM57	1.006	4.28	1.16	5.25	3.81	2.38	28.5
ave. meas. error		0.15	0.057	0.079	0.29	0.29	0.64
in %		3.5	5.4	1.5	7.4	12.	2.2
ave. value M		4.1	1.1	5.2	4.0	2.5	29.
spread		0.17	0.089	0.11	0.29	0.29	0.64
in %		4.1	8.4	2.2	7.4	12.	2.2
#		5.	5.	5.	5.	5.	5.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
FEST6	0.958	0.37	863.	0.58	25.3	301.	158.
FEST10	1.056	0.39	866.	0.60	22.4	279.	131.
FEST11	0.945	0.35	793.	0.63	27.6	299.	133.
FEST46	1.031	0.36	813.	0.62	24.1	261.	144.
HWM57	1.006	0.40	790.	0.62	28.2	310.	131.
ave. meas. error		0.018	10.	0.009	1.6	20.	19.
in %		4.7	1.2	1.5	6.4	6.8	13.
ave. value M		0.37	824.	0.61	25.	291.	137.
spread		0.019	37.	0.020	2.4	20.	19.
in %		5.1	4.5	3.2	9.4	6.8	13.
#		5.	5.	5.	5.	5.	5.

Table ff: PHBP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
FEST6	0.958	20.2	4.57	0.95	0.82	9.17	0.41
FEST10	1.056	19.2	4.73	0.91	0.78	9.32	0.48
FEST11	0.945	20.3	4.74	1.00	0.79	9.87	0.43
FEST46	1.031	20.0	4.78	0.94	0.75	9.86	0.43
HWM57	1.006	20.7	4.78	0.93	0.72	9.53	0.39
ave. meas. error		0.064	0.030	0.005	0.047	0.15	0.021
in %		0.3	0.6	0.6	6.1	1.6	4.9
ave. value M		20.	4.7	0.95	0.77	9.6	0.43
spread		0.54	0.089	0.032	0.047	0.31	0.032
in %		2.7	1.9	3.3	6.1	3.2	7.4
#		5.	5.	5.	5.	5.	5.

Sample	dil.factor	U	Yb	Zn
FEST6	0.958	2.97	2.32	125.
FEST10	1.056	2.93	2.51	113.
FEST11	0.945	2.88	2.44	128.
FEST46	1.031	2.98	2.47	126.
HWM57	1.006	2.65	2.74	133.
ave. meas. error		0.030	0.095	6.4
in %		1.0	3.9	5.1
ave. value M		2.9	2.5	125.
spread		0.14	0.14	7.7
in %		4.7	5.6	6.1
#		5.	5.	5.

Table: PHCP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
FEST1	0.977	8.01	6.74	54.1	39.0	472.	8.39
FEST4	0.960	8.20	5.09	52.4	42.1	463.	9.18
FEST5	0.959	7.75	6.90	55.1	41.2	456.	7.71
FEST12	0.988	9.06	6.72	56.8	38.3	414.	9.19
FEST16	1.019	8.35	11.5	52.2	37.0	424.	8.28
FEST20	1.049	8.29	6.71	55.4	38.4	458.	8.13
FEST23	0.941	8.17	7.81	56.6	36.6	418.	10.4
FEST26	1.003	7.88	8.63	54.6	37.3	401.	8.12
FEST29	0.989	7.97	8.41	52.3	41.6	456.	9.30
FEST33	0.972	8.11	5.73	53.9	38.8	431.	8.14
FEST42	1.091	8.43	10.9	50.7	41.9	490.	8.54
FEST47	0.962	8.71	6.16	50.1	40.9	466.	9.45
FEST52	0.999	7.65	6.19	56.5	41.5	533.	7.71
FEST54	1.042	8.05	9.07	55.0	38.3	508.	7.41
FEST58	1.024	8.04	10.1	53.9	40.9	507.	9.47
KNOS9	1.001	8.52	6.11	53.6	43.1	455.	8.40
ave. meas. error		0.21	0.54	1.1	0.51	8.1	0.30
in %		2.6	7.0	2.0	1.3	1.8	3.5
ave. value M		8.1	7.6	54.	40.	459.	8.6
spread		0.28	1.9	1.9	2.1	37.	0.80
in %		3.5	25.	3.5	5.2	8.1	9.3
#		16.	16.	16.	16.	16.	16.

Table ff: PHCP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
FEST1	0.977	4.24	0.97	6.37	3.58	2.87	28.6
FEST4	0.960	4.21	0.88	6.75	3.34	3.23	27.6
FEST5	0.959	4.25	1.00	6.29	3.36	2.92	27.8
FEST12	0.988	3.81	1.01	6.30	3.49	3.13	27.2
FEST16	1.019	4.22	1.09	6.11	3.88	1.40	28.4
FEST20	1.049	4.30	1.14	6.06	3.29	2.22	26.3
FEST23	0.941	4.00	1.13	5.90	3.77	2.80	28.8
FEST26	1.003	4.37	1.14	6.08	3.39	1.71	28.1
FEST29	0.989	4.42	1.04	6.20	3.38	2.35	27.3
FEST33	0.972	4.24	1.18	6.16	3.36	3.06	27.2
FEST42	1.091	3.96	1.00	6.57	3.62	2.49	27.7
FEST47	0.962	3.76	1.15	6.61	3.62	3.13	27.1
FEST52	0.999	4.29	1.13	6.14	4.72	2.31	28.2
FEST54	1.042	3.86	1.12	6.15	3.79	2.32	28.0
FEST58	1.024	4.03	1.17	6.44	4.12	2.20	26.3
KNOS9	1.001	4.30	1.18	6.43	3.54	2.05	26.2
ave. meas. error		0.14	0.060	0.094	0.27	0.32	0.58
in %		3.4	5.5	1.5	7.5	13.	2.1
ave. value M		4.1	1.1	6.3	3.6	2.5	28.
spread		0.21	0.090	0.23	0.29	0.54	0.76
in %		5.2	8.3	3.6	8.1	22.	2.7
#		16.	16.	16.	16.	16.	16.

Table ff: PHCP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
FEST1	0.977	0.37	860.	0.60	22.4	488.	219.
FEST4	0.960	0.38	686.	0.43	21.3	524.	212.
FEST5	0.959	0.37	1011.	0.41	23.5	468.	195.
FEST12	0.988	0.37	852.	0.46	21.8	537.	142.
FEST16	1.019	0.37	799.	1.27	25.5	451.	151.
FEST20	1.049	0.38	1104.	1.18	22.9	475.	85.0
FEST23	0.941	0.39	843.	0.46	27.1	460.	137.
FEST26	1.003	0.40	832.	0.69	26.4	463.	132.
FEST29	0.989	0.38	755.	0.49	24.9	499.	144.
FEST33	0.972	0.40	770.	0.59	23.8	439.	146.
FEST42	1.091	0.38	814.	0.83	23.9	561.	145.
FEST47	0.962	0.37	817.	0.54	21.5	563.	179.
FEST52	0.999	0.37	820.	0.69	22.6	522.	130.
FEST54	1.042	0.37	952.	0.71	25.3	486.	153.
FEST58	1.024	0.37	915.	0.69	22.9	481.	126.
KNOS9	1.001	0.35	817.	0.63	26.2	511.	127.
ave. meas. error		0.017	9.9	0.011	1.6	25.	19.
in %		4.4	1.2	1.6	6.8	5.1	14.
ave. value M		0.38	853.	0.67	24.	494.	143.
spread		0.017	101.	0.25	1.8	37.	26.
in %		4.4	12.	37.	7.6	7.5	18.
#		16.	16.	16.	16.	16.	16.

Table ff: PHCP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
FEST1	0.977	24.5	4.44	0.91	0.74	10.2	0.42
FEST4	0.960	26.8	4.17	0.94	0.78	10.3	0.41
FEST5	0.959	23.0	4.57	0.95	0.78	10.0	0.46
FEST12	0.988	24.9	4.39	1.00	0.70	10.2	0.46
FEST16	1.019	23.8	4.65	1.09	0.82	10.2	0.38
FEST20	1.049	22.6	4.65	1.06	0.69	9.34	0.37
FEST23	0.941	23.0	4.56	0.88	0.69	10.4	0.43
FEST26	1.003	23.8	4.56	0.89	0.75	10.0	0.45
FEST29	0.989	24.6	4.46	0.94	0.80	9.78	0.45
FEST33	0.972	24.8	4.50	0.88	0.65	9.90	0.44
FEST42	1.091	24.0	4.45	0.81	0.68	9.39	0.43
FEST47	0.962	25.3	4.26	0.84	0.68	10.3	0.40
FEST52	0.999	23.2	4.61	0.90	0.67	9.68	0.42
FEST54	1.042	23.0	4.55	0.90	0.70	9.86	0.40
FEST58	1.024	25.1	4.47	0.87	0.71	9.83	0.41
KNOS9	1.001	24.2	4.42	0.92	0.62	10.4	0.47
ave. meas. error		0.077	0.035	0.006	0.051	0.16	0.017
in %		0.3	0.8	0.7	7.1	1.6	4.1
ave. value M		24.	4.5	0.92	0.72	10.	0.43
spread		1.1	0.14	0.074	0.060	0.34	0.025
in %		4.6	3.0	8.0	8.4	3.4	6.0
#		16.	16.	16.	16.	16.	16.

Table ff: PHCP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
FEST1	0.977	2.27	2.58	119.
FEST4	0.960	2.27	2.45	141.
FEST5	0.959	2.31	2.45	119.
FEST12	0.988	2.42	2.43	131.
FEST16	1.019	2.28	2.47	129.
FEST20	1.049	2.51	2.44	98.6
FEST23	0.941	2.31	2.46	133.
FEST26	1.003	2.37	2.60	126.
FEST29	0.989	2.35	2.39	132.
FEST33	0.972	2.43	2.56	128.
FEST42	1.091	2.28	2.55	133.
FEST47	0.962	2.33	2.40	141.
FEST52	0.999	2.19	2.43	112.
FEST54	1.042	2.46	2.54	115.
FEST58	1.024	2.20	2.45	136.
KNOS9	1.001	2.27	2.43	107.
ave. meas. error		0.027	0.082	7.6
in %		1.1	3.3	6.1
ave. value M		2.3	2.5	125.
spread		0.090	0.082	12.
in %		3.9	3.3	10.0
#		16.	16.	16.

Table: PHDP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
KNOS3	0.956	6.64	8.89	53.1	30.2	391.	6.53
KNOS7	0.980	6.44	5.68	55.9	32.7	423.	7.35
KNOS8	1.065	7.00	13.5	53.1	30.4	381.	6.95
KNOS10	0.986	7.06	8.48	55.8	28.1	400.	5.25
KNOS13	0.944	6.97	9.35	53.4	32.8	390.	7.45
KNOS15	1.073	6.89	10.1	51.6	31.8	354.	5.49
KNOS19	1.016	7.21	8.84	52.6	28.9	360.	6.47
KNOS20	1.059	6.83	9.64	55.0	30.9	418.	5.23
KNOS21	0.983	7.05	8.36	51.8	32.4	395.	5.98
KNOS27	0.993	7.13	6.26	56.7	26.6	392.	5.88
KNOS31	0.943	6.93	9.34	52.7	33.1	381.	8.23
ave. meas. error		0.12	0.52	0.094	0.43	3.6	0.24
in %		1.7	5.8	0.2	1.4	0.9	3.7
ave. value M		6.9	9.0	54.	31.	390.	6.4
spread		0.22	2.0	1.7	2.1	21.	0.98
in %		3.2	23.	3.2	7.0	5.4	15.
#		11.	11.	11.	11.	11.	11.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
KNOS3	0.956	4.68	1.28	5.16	3.41	1.92	27.0
KNOS7	0.980	4.33	1.20	5.38	3.94	2.22	26.2
KNOS8	1.065	4.62	1.27	5.22	3.58	2.33	26.8
KNOS10	0.986	4.53	1.21	5.11	4.04	1.99	28.0
KNOS13	0.944	4.50	1.27	5.28	3.54	0.81	26.8
KNOS15	1.073	4.29	1.27	5.21	3.69	2.18	26.0
KNOS19	1.016	4.46	1.26	5.26	3.44	2.47	26.8
KNOS20	1.059	4.47	1.25	5.20	4.05	2.22	27.6
KNOS21	0.983	4.37	1.26	5.21	3.31	2.53	26.0
KNOS27	0.993	4.16	1.23	5.40	4.16	2.01	28.0
KNOS31	0.943	4.69	1.34	5.12	3.23	2.11	23.8
ave. meas. error		0.10	0.020	0.069	0.076	0.21	1.1
in %		2.3	1.6	1.3	2.1	10.0	4.0
ave. value M		4.5	1.3	5.2	3.7	2.1	27.
spread		0.16	0.038	0.094	0.32	0.46	1.2
in %		3.7	3.0	1.8	8.8	22.	4.3
#		11.	11.	11.	11.	11.	11.

Table ff: PHDP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
KNOS3	0.956	0.36	671.	0.60	26.7	418.	104.
KNOS7	0.980	0.35	805.	0.84	22.5	376.	113.
KNOS8	1.065	0.36	660.	0.56	24.6	393.	99.0
KNOS10	0.986	0.36	863.	0.77	23.8	339.	90.7
KNOS13	0.944	0.34	700.	1.02	26.4	438.	64.2
KNOS15	1.073	0.36	653.	0.57	24.9	422.	85.8
KNOS19	1.016	0.38	563.	0.53	22.5	404.	105.
KNOS20	1.059	0.32	838.	0.68	21.4	408.	93.2
KNOS21	0.983	0.37	596.	0.48	22.7	430.	90.4
KNOS27	0.993	0.32	607.	0.81	23.3	333.	101.
KNOS31	0.943	0.37	746.	0.50	24.7	410.	94.3
ave. meas. error		0.016	5.0	0.008	1.5	12.	6.2
in %		4.7	0.7	1.1	6.4	3.0	6.6
ave. value M		0.35	700.	0.67	24.	397.	95.
spread		0.021	101.	0.17	1.7	35.	12.
in %		5.8	14.	26.	6.9	8.8	13.
#		11.	11.	11.	11.	11.	11.

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
KNOS3	0.956	20.2	4.68	0.84	0.68	8.78	0.41
KNOS7	0.980	19.5	4.59	0.94	0.64	9.54	0.44
KNOS8	1.065	20.0	4.68	0.85	0.69	8.82	0.38
KNOS10	0.986	19.4	4.62	0.95	0.67	9.15	0.44
KNOS13	0.944	20.4	4.76	0.84	0.69	9.13	0.37
KNOS15	1.073	20.1	4.60	0.85	0.71	8.84	0.43
KNOS19	1.016	20.9	4.63	0.84	0.68	8.98	0.40
KNOS20	1.059	19.0	4.69	0.93	0.62	9.31	0.39
KNOS21	0.983	20.8	4.54	0.83	0.67	8.81	0.40
KNOS27	0.993	20.2	4.63	0.99	0.61	9.56	0.43
KNOS31	0.943	20.7	4.81	0.81	0.72	8.58	0.37
ave. meas. error		0.066	0.031	0.006	0.024	0.076	0.023
in %		0.3	0.7	0.7	3.5	0.8	5.8
ave. value M		20.	4.7	0.88	0.67	9.0	0.41
spread		0.60	0.079	0.060	0.033	0.32	0.026
in %		3.0	1.7	6.8	4.9	3.6	6.5
#		11.	11.	11.	11.	11.	11.

Table ff: PHDP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
KNOS3	0.956	3.06	2.53	88.6
KNOS7	0.980	2.32	2.35	83.8
KNOS8	1.065	3.34	2.50	93.2
KNOS10	0.986	2.24	2.35	79.7
KNOS13	0.944	3.17	2.52	82.2
KNOS15	1.073	3.06	2.54	108.
KNOS19	1.016	2.88	2.53	96.8
KNOS20	1.059	2.47	2.31	91.6
KNOS21	0.983	3.68	2.52	103.
KNOS27	0.993	2.34	2.31	88.0
KNOS31	0.943	3.02	2.63	84.0
ave. meas. error		0.042	0.041	2.7
in %		1.5	1.7	3.0
ave. value M		2.9	2.5	91.
spread		0.47	0.11	8.9
in %		16.	4.5	9.8
#		11.	11.	11.

Table: STP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
NICH94	1.000	8.46	5.00	70.8	33.4	349.	7.83
NICH99	1.083	7.55	8.12	70.6	25.8	257.	8.63
STEP1	0.977	8.38	6.16	74.6	26.1	312.	7.59
STEP2	0.945	8.60	4.63	79.4	22.2	228.	7.39
STEP3	0.929	8.54	3.07	74.5	24.5	250.	6.31
STEP4	1.025	8.79	6.25	73.9	25.1	301.	7.52
STEP5	1.032	8.64	5.06	75.3	25.1	332.	7.67
STEP6	1.025	8.77	6.56	77.0	23.2	303.	7.93
STEP7	0.933	8.26	5.69	76.4	28.6	258.	6.39
STEP8	1.016	8.82	7.72	74.7	24.1	295.	8.01
STEP9	0.987	9.02	6.22	70.3	23.0	305.	8.18
STEP11	1.020	8.93	5.20	75.6	23.3	279.	9.10
STEP15	1.002	8.57	10.0	74.5	24.9	277.	8.26
STEP18	1.014	8.50	5.98	74.0	25.0	276.	8.24
STEP19	1.013	8.35	4.56	73.8	25.5	290.	8.43
STEP20	1.004	8.85	6.83	65.8	24.7	294.	8.14
STEP30	0.965	9.34	4.82	70.3	25.3	258.	8.64
HWM16	1.012	9.25	5.67	75.0	26.6	273.	7.05
ave. meas. error		0.19	0.46	1.0	0.31	4.7	0.25
in %		2.2	7.8	1.4	1.2	1.7	3.2
ave. value M		8.6	6.0	74.	25.	285.	7.8
spread		0.41	1.6	3.1	2.5	30.	0.74
in %		4.7	26.	4.2	9.8	10.	9.4
#		18.	18.	18.	18.	18.	18.

Table ff: STP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
NICH94	1.000	5.32	1.38	5.28	4.48	2.66	34.6
NICH99	1.083	5.34	1.52	5.08	4.04	2.73	34.5
STEP1	0.977	5.15	1.47	5.24	5.36	2.94	35.0
STEP2	0.945	5.36	1.35	4.94	5.79	2.72	36.7
STEP3	0.929	5.58	1.52	4.92	5.49	3.03	35.8
STEP4	1.025	5.23	1.41	5.09	4.85	3.30	35.7
STEP5	1.032	5.18	1.37	4.92	5.51	2.85	36.0
STEP6	1.025	5.30	1.41	5.02	4.93	2.87	36.1
STEP7	0.933	5.70	1.61	4.85	5.43	2.69	37.3
STEP8	1.016	5.36	1.41	5.19	5.33	2.97	35.6
STEP9	0.987	5.14	1.42	5.19	5.15	3.04	35.2
STEP11	1.020	4.83	1.27	5.07	6.21	2.98	36.9
STEP15	1.002	5.29	1.47	5.07	4.87	2.96	37.9
STEP18	1.014	4.64	1.45	5.31	5.17	2.68	36.3
STEP19	1.013	5.41	1.26	5.38	6.14	3.96	34.8
STEP20	1.004	5.08	1.48	5.17	5.14	3.63	37.0
STEP30	0.965	5.13	1.30	4.89	4.85	3.54	36.8
HWM16	1.012	5.77	1.44	5.06	5.15	2.69	37.0
ave. meas. error		0.16	0.061	0.077	0.32	0.28	0.60
in %		3.0	4.3	1.5	6.1	9.3	1.7
ave. value M		5.3	1.4	5.1	5.2	3.0	36.
spread		0.28	0.089	0.16	0.52	0.36	0.99
in %		5.3	6.3	3.1	9.9	12.	2.8
#		18.	18.	18.	18.	18.	18.

Table ff: STP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
NICH94	1.000	0.44	702.	0.74	32.2	297.	204.
NICH99	1.083	0.46	656.	0.60	34.4	288.	183.
STEP1	0.977	0.46	634.	0.68	33.4	261.	157.
STEP2	0.945	0.45	675.	0.85	35.1	178.	133.
STEP3	0.929	0.49	558.	0.75	34.1	171.	115.
STEP4	1.025	0.48	664.	0.70	37.0	261.	126.
STEP5	1.032	0.46	526.	0.63	33.4	265.	139.
STEP6	1.025	0.46	500.	0.68	34.1	243.	137.
STEP7	0.933	0.46	772.	0.68	38.1	216.	118.
STEP8	1.016	0.45	702.	0.65	31.6	251.	176.
STEP9	0.987	0.45	549.	0.76	34.8	250.	161.
STEP11	1.020	0.42	543.	0.68	35.5	191.	167.
STEP15	1.002	0.39	588.	0.71	38.1	227.	150.
STEP18	1.014	0.43	718.	0.79	34.9	189.	177.
STEP19	1.013	0.45	642.	0.95	35.3	191.	154.
STEP20	1.004	0.45	527.	0.79	33.0	242.	177.
STEP30	0.965	0.46	526.	0.79	35.6	186.	176.
HWM16	1.012	0.47	901.	1.32	33.3	237.	156.
ave. meas. error		0.018	7.5	0.011	1.9	18.	16.
in %		4.0	1.2	1.4	5.5	7.8	10.
ave. value M		0.45	632.	0.77	35.	229.	151.
spread		0.022	104.	0.16	1.9	38.	23.
in %		4.8	16.	21.	5.5	17.	15.
#		18.	18.	18.	18.	18.	18.

Table ff: STP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
NICH94	1.000	19.6	6.00	0.98	0.96	11.9	0.47
NICH99	1.083	20.2	6.37	1.04	1.05	11.7	0.50
STEP1	0.977	20.5	6.00	1.05	0.88	12.5	0.47
STEP2	0.945	20.2	6.18	1.19	0.90	13.1	0.48
STEP3	0.929	20.9	6.17	1.20	1.00	12.3	0.52
STEP4	1.025	20.3	6.12	1.05	0.88	12.4	0.50
STEP5	1.032	20.6	6.00	1.09	0.97	12.7	0.48
STEP6	1.025	21.0	6.13	1.08	0.92	12.7	0.48
STEP7	0.933	20.3	6.48	1.12	0.96	12.0	0.46
STEP8	1.016	20.8	6.08	1.04	0.87	12.6	0.46
STEP9	0.987	21.1	5.85	1.06	0.92	12.3	0.48
STEP11	1.020	21.2	5.82	1.11	0.81	12.9	0.50
STEP15	1.002	20.8	6.21	1.05	1.03	12.6	0.45
STEP18	1.014	21.1	6.14	1.04	1.02	12.4	0.48
STEP19	1.013	20.2	5.62	1.13	0.87	12.8	0.49
STEP20	1.004	21.2	6.02	1.04	0.98	12.6	0.48
STEP30	0.965	21.3	5.80	1.10	0.83	13.1	0.49
HWM16	1.012	19.9	6.26	0.93	0.93	12.1	0.48
ave. meas. error		0.063	0.016	0.006	0.050	0.15	0.015
in %		0.3	0.3	0.6	5.4	1.2	3.0
ave. value M		21.	6.1	1.1	0.94	12.	0.48
spread		0.50	0.21	0.066	0.070	0.38	0.018
in %		2.4	3.4	6.2	7.5	3.1	3.7
#		18.	18.	18.	18.	18.	18.

Table ff: STP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
NICH94	1.000	2.71	3.06	130.
NICH99	1.083	2.98	3.23	99.6
STEP1	0.977	2.95	2.98	130.
STEP2	0.945	3.48	2.91	132.
STEP3	0.929	2.76	3.04	112.
STEP4	1.025	2.68	2.86	138.
STEP5	1.032	2.89	3.02	129.
STEP6	1.025	2.90	2.91	127.
STEP7	0.933	2.58	3.08	118.
STEP8	1.016	3.00	2.81	142.
STEP9	0.987	2.91	3.09	119.
STEP11	1.020	2.63	2.96	119.
STEP15	1.002	3.11	2.96	115.
STEP18	1.014	2.89	2.94	107.
STEP19	1.013	2.78	2.91	121.
STEP20	1.004	2.73	2.94	122.
STEP30	0.965	2.77	3.13	110.
HWM16	1.012	2.38	3.11	103.
ave. meas. error		0.031	0.10	7.7
in %		1.1	3.4	6.3
ave. value M		2.8	3.0	121.
spread		0.24	0.11	12.
in %		8.3	3.5	9.9
#		18.	18.	18.

Table: TAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
MYC39	1.059	7.97	6.14	63.2	21.3	210.	5.01
MYC45	0.963	8.04	7.80	66.6	25.9	187.	4.65
TIR2	1.011	8.06	9.60	64.6	23.4	196.	4.89
TIR19	0.952	7.87	6.19	63.0	24.8	185.	5.13
TIR22	0.980	8.29	9.11	64.8	25.1	187.	4.95
TIR23	0.963	7.87	8.47	64.9	23.5	172.	5.41
TIR24	1.050	7.80	10.5	64.6	23.6	169.	5.01
TIR33	0.925	8.28	7.22	66.1	24.4	194.	5.24
TIR34	1.010	7.96	9.49	64.4	24.1	196.	4.96
TIR36	0.989	7.86	9.79	65.2	24.2	208.	5.01
TIR39	0.971	8.09	8.54	63.8	23.5	207.	4.74
TIR40	1.002	8.24	9.52	62.1	23.5	210.	4.67
TIR42	0.970	8.35	9.12	64.4	23.3	196.	5.15
TIR44	0.985	7.62	7.68	65.5	23.4	237.	4.60
ASN03	0.962	7.49	7.50	63.8	23.8	224.	5.35
ASN13	1.108	8.18	9.97	61.9	25.6	220.	5.23
ASN23	0.995	7.96	9.25	63.5	25.3	220.	5.47
ASN26	1.028	7.76	8.94	66.9	24.4	200.	4.93
ASN27	0.982	7.97	7.46	67.0	23.8	191.	5.03
ASN31	1.051	8.04	9.56	65.1	23.6	187.	5.37
ASN52	0.954	7.74	8.87	66.3	22.6	206.	4.62
ASN56	1.008	8.05	9.78	64.7	23.8	250.	4.76
HWM10	0.965	7.76	8.88	66.7	24.6	228.	5.14
HWM17	1.088	7.68	8.49	65.6	22.9	218.	4.65
HWM43	1.018	7.93	11.0	66.0	22.9	186.	4.59
ave. meas. error		0.18	0.58	0.94	0.33	3.8	0.24
in %		2.3	6.6	1.4	1.4	1.9	4.9
ave. value M		7.9	8.7	65.	24.	203.	5.0
spread		0.21	1.2	1.4	1.0	19.	0.28
in %		2.6	14.	2.2	4.2	9.6	5.6
#		25.	25.	25.	25.	25.	25.

Table ff: TAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
MYC39	1.059	4.98	1.36	5.15	4.39	2.55	30.0
MYC45	0.963	5.00	1.48	5.25	3.56	2.09	31.3
TIR2	1.011	(6.61)	1.45	5.00	4.47	2.16	31.7
TIR19	0.952	4.84	1.34	5.06	4.68	2.31	30.2
TIR22	0.980	4.99	1.39	5.30	3.67	2.62	32.5
TIR23	0.963	4.78	1.36	5.10	4.03	2.30	32.2
TIR24	1.050	5.30	1.53	5.08	3.90	2.26	32.4
TIR33	0.925	4.99	1.33	5.37	3.31	1.87	31.9
TIR34	1.010	5.24	1.33	5.15	4.27	2.35	31.1
TIR36	0.989	4.37	1.35	5.51	4.43	0.98	31.5
TIR39	0.971	5.15	1.34	5.23	3.89	1.92	31.2
TIR40	1.002	4.77	1.35	5.46	4.33	1.83	30.3
TIR42	0.970	4.94	1.36	5.36	4.57	2.02	31.2
TIR44	0.985	5.47	1.38	5.08	4.27	2.49	31.9
ASN03	0.962	4.96	1.27	5.32	4.32	2.43	31.6
ASN13	1.108	4.92	1.40	5.33	4.34	2.01	30.0
ASN23	0.995	5.07	1.33	5.32	4.71	1.67	30.7
ASN26	1.028	5.21	1.56	5.19	4.52	1.26	30.4
ASN27	0.982	5.04	1.35	5.20	4.10	2.25	31.8
ASN31	1.051	5.03	1.36	5.38	4.40	2.29	30.2
ASN52	0.954	5.12	1.38	5.08	3.84	2.33	32.2
ASN56	1.008	4.66	1.25	5.07	4.83	2.27	31.1
HWM10	0.965	5.08	1.31	5.29	4.27	2.61	31.0
HWM17	1.088	5.18	1.39	4.95	4.99	1.81	31.0
HWM43	1.018	5.22	1.39	5.39	4.33	1.93	32.7
ave. meas. error		0.14	0.062	0.070	0.28	0.27	0.59
in %		2.7	4.5	1.3	6.5	13.	1.9
ave. value M		5.0	1.4	5.2	4.2	2.1	31.
spread		0.23	0.071	0.15	0.41	0.40	0.82
in %		4.6	5.2	2.8	9.6	19.	2.6
#		24.	25.	25.	25.	25.	25.

Table ff: TAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
MYC39	1.059	0.44	812.	1.48	29.8	152.	124.
MYC45	0.963	0.40	1082.	1.03	30.0	155.	119.
TIR2	1.011	0.44	926.	1.55	22.4	147.	112.
TIR19	0.952	0.41	1051.	0.97	27.6	151.	120.
TIR22	0.980	0.39	971.	0.70	27.6	164.	121.
TIR23	0.963	0.44	991.	1.17	28.5	159.	109.
TIR24	1.050	0.40	994.	1.33	27.1	131.	136.
TIR33	0.925	0.42	1099.	1.05	28.9	164.	126.
TIR34	1.010	0.44	1006.	1.53	27.9	169.	117.
TIR36	0.989	0.42	926.	1.96	29.1	186.	79.1
TIR39	0.971	0.43	962.	1.08	32.7	193.	111.
TIR40	1.002	0.38	977.	1.56	27.7	152.	117.
TIR42	0.970	0.40	935.	1.37	34.0	166.	102.
TIR44	0.985	0.43	899.	0.99	25.5	167.	114.
ASN03	0.962	0.41	1020.	1.06	32.6	174.	129.
ASN13	1.108	0.40	1036.	1.07	25.6	193.	110.
ASN23	0.995	0.44	987.	1.58	25.8	175.	81.6
ASN26	1.028	0.41	932.	1.77	28.3	173.	90.5
ASN27	0.982	0.43	923.	1.40	29.0	163.	100.
ASN31	1.051	0.45	943.	1.26	27.7	199.	116.
ASN52	0.954	0.42	961.	1.43	30.7	158.	147.
ASN56	1.008	0.40	917.	1.30	31.6	199.	144.
HWM10	0.965	0.43	1084.	1.20	28.9	175.	110.
HWM17	1.088	0.41	924.	1.44	32.0	126.	100.
HWM43	1.018	0.42	1009.	1.23	28.9	153.	118.
ave. meas. error		0.019	12.	0.015	2.1	18.	12.
in %		4.6	1.3	1.1	7.1	11.	11.
ave. value M		0.42	975.	1.3	29.	165.	112.
spread		0.019	66.	0.28	2.6	18.	16.
in %		4.6	6.7	22.	8.9	11.	14.
#		25.	25.	25.	25.	25.	25.

Table ff: TAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
MYC39	1.059	19.9	5.48	0.94	0.87	11.3	0.51
MYC45	0.963	20.2	5.73	0.83	0.91	11.3	0.46
TIR2	1.011	19.4	5.79	0.90	0.83	10.8	0.45
TIR19	0.952	19.8	5.59	0.90	0.80	10.7	0.49
TIR22	0.980	20.8	5.78	0.88	0.82	11.0	0.45
TIR23	0.963	19.7	5.80	0.86	0.93	11.3	0.48
TIR24	1.050	19.6	5.79	0.88	0.94	10.7	0.44
TIR33	0.925	20.8	5.75	0.84	0.89	10.9	0.43
TIR34	1.010	19.8	5.83	0.88	0.93	10.7	0.44
TIR36	0.989	20.2	5.76	0.90	0.95	11.1	0.45
TIR39	0.971	19.8	5.93	0.87	0.93	10.7	0.46
TIR40	1.002	20.3	5.39	0.92	0.93	11.3	0.46
TIR42	0.970	19.8	5.76	0.89	0.94	11.0	0.45
TIR44	0.985	19.9	5.82	0.87	0.97	10.3	0.46
ASN03	0.962	20.6	–	0.89	0.89	10.9	0.47
ASN13	1.108	20.6	5.55	0.87	0.81	10.9	0.45
ASN23	0.995	20.9	5.54	0.88	0.93	10.6	0.46
ASN26	1.028	20.5	5.56	0.90	0.91	11.1	0.45
ASN27	0.982	20.3	5.66	0.89	0.92	11.2	0.46
ASN31	1.051	19.8	5.57	0.91	0.81	10.8	0.46
ASN52	0.954	20.0	5.76	0.88	0.94	11.1	0.44
ASN56	1.008	20.0	5.52	0.92	0.88	11.1	0.44
HWM10	0.965	20.9	5.75	0.84	0.84	11.0	0.44
HWM17	1.088	18.9	5.71	0.91	0.96	11.1	0.49
HWM43	1.018	21.0	5.81	0.86	0.90	11.3	0.40
ave. meas. error		0.064	0.051	0.007	0.050	0.13	0.017
in %		0.3	0.9	0.8	5.6	1.2	3.7
ave. value M		20.	5.7	0.88	0.90	11.	0.46
spread		0.53	0.14	0.026	0.052	0.26	0.021
in %		2.6	2.4	2.9	5.8	2.3	4.7
#		25.	24.	25.	25.	25.	25.

Table ff: TAP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
MYC39	1.059	2.17	2.83	92.1
MYC45	0.963	2.15	2.88	103.
TIR2	1.011	2.10	2.58	96.0
TIR19	0.952	2.15	3.06	136.
TIR22	0.980	2.03	3.03	111.
TIR23	0.963	2.11	2.99	104.
TIR24	1.050	2.18	2.99	122.
TIR33	0.925	2.11	2.92	107.
TIR34	1.010	2.22	2.92	103.
TIR36	0.989	2.15	2.83	105.
TIR39	0.971	2.19	2.90	104.
TIR40	1.002	2.23	2.98	109.
TIR42	0.970	2.06	2.70	110.
TIR44	0.985	2.13	3.00	122.
ASN03	0.962	2.00	2.92	111.
ASN13	1.108	2.16	2.73	115.
ASN23	0.995	2.00	2.83	86.6
ASN26	1.028	2.07	2.79	93.5
ASN27	0.982	2.14	2.75	104.
ASN31	1.051	2.11	2.79	104.
ASN52	0.954	2.24	2.84	105.
ASN56	1.008	2.26	2.80	81.6
HWM10	0.965	2.02	3.06	91.7
HWM17	1.088	2.17	3.04	89.2
HWM43	1.018	2.12	3.00	104.
ave. meas. error		0.030	0.11	7.2
in %		1.4	4.0	6.9
ave. value M		2.1	2.9	104.
spread		0.073	0.12	12.
in %		3.4	4.1	11.
#		25.	25.	25.

Table: THEP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
THEB4	1.015	6.70	9.24	49.5	45.0	772.	4.97
THEB5	0.963	7.01	8.57	50.2	46.2	669.	5.05
THEB15	1.130	6.51	13.0	53.2	36.8	515.	4.77
THEB21	1.100	6.43	11.1	49.4	45.7	568.	3.66
THEB22	1.006	6.84	7.04	49.7	33.9	493.	4.40
THEB23	0.974	7.25	9.16	54.6	35.2	480.	5.31
THEB27	0.888	6.92	6.84	56.5	32.1	410.	5.69
THEB29	0.990	7.28	8.12	55.0	35.9	538.	4.91
THEB30	0.988	7.47	10.8	53.6	37.7	460.	5.83
THEB32	1.005	6.87	10.7	50.5	43.5	558.	4.45
THEB33	1.042	6.59	13.3	51.9	45.1	554.	4.36
THEB35	1.083	6.66	14.1	51.4	40.2	509.	4.40
THEB37	0.992	6.65	7.24	51.0	41.3	436.	4.27
THEB39	0.923	6.85	5.35	52.0	37.7	411.	5.22
THEB40	1.006	6.63	8.25	54.2	32.9	502.	4.55
THEB41	0.993	6.90	6.95	51.2	41.6	489.	4.08
THEB42	0.981	6.96	10.4	50.0	46.6	499.	5.67
THEB43	1.054	6.50	10.2	48.7	45.2	662.	4.17
THEB45	0.998	7.06	11.1	54.2	40.9	448.	6.08
THEB46	0.970	7.44	10.5	56.1	36.6	470.	5.98
THEB47	0.943	6.60	7.17	53.6	39.7	491.	4.03
EUT01	0.968	6.53	7.26	54.1	36.5	475.	5.53
KNOS4	0.973	6.12	6.52	52.6	41.6	451.	6.61
KNOS14	0.953	7.58	8.48	52.5	40.3	402.	6.55
ave. meas. error		0.15	0.52	0.90	0.52	8.6	0.25
in %		2.2	5.6	1.7	1.3	1.7	5.0
ave. value M		6.9	9.2	52.	40.	511.	5.0
spread		0.34	2.3	2.2	4.4	87.	0.83
in %		5.0	25.	4.2	11.	17.	16.
#		24.	24.	24.	24.	24.	24.

Table ff: THEP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
THEB4	1.015	4.07	1.07	5.71	3.16	2.25	23.3
THEB5	0.963	3.88	1.18	5.90	3.44	2.47	23.2
THEB15	1.130	4.19	1.30	5.19	2.96	2.23	26.1
THEB21	1.100	3.87	1.14	5.89	3.64	1.71	23.1
THEB22	1.006	4.06	1.24	5.33	3.25	2.16	24.5
THEB23	0.974	3.80	1.19	5.28	3.20	2.49	26.3
THEB27	0.888	3.96	1.36	5.03	3.31	2.01	26.7
THEB29	0.990	3.86	1.33	5.31	3.61	1.80	26.2
THEB30	0.988	3.93	1.24	5.64	3.09	2.35	25.7
THEB32	1.005	4.00	1.10	5.71	3.61	2.21	23.4
THEB33	1.042	3.62	1.14	5.54	3.02	1.88	25.0
THEB35	1.083	3.71	1.32	5.39	2.52	2.10	25.5
THEB37	0.992	4.05	1.20	5.54	3.30	2.33	24.0
THEB39	0.923	3.98	1.15	5.45	3.01	2.49	25.7
THEB40	1.006	4.08	1.23	5.34	3.65	2.56	24.8
THEB41	0.993	4.47	1.24	5.59	3.34	2.48	24.6
THEB42	0.981	4.10	1.14	5.84	2.92	2.52	24.0
THEB43	1.054	4.63	1.22	5.73	3.31	1.84	23.2
THEB45	0.998	(9.69)	0.99	5.58	2.92	2.37	25.5
THEB46	0.970	3.71	1.13	5.42	2.61	2.52	25.6
THEB47	0.943	4.38	1.19	5.32	3.56	1.56	24.7
EUT01	0.968	3.92	1.02	5.16	3.48	1.89	24.7
KNOS4	0.973	4.13	1.16	6.05	3.30	2.34	24.9
KNOS14	0.953	4.08	1.15	5.87	3.43	1.95	24.1
ave. meas. error		0.13	0.051	0.080	0.20	0.29	0.52
in %		3.3	4.3	1.5	6.0	13.	2.1
ave. value M		4.0	1.2	5.5	3.3	2.2	25.
spread		0.22	0.085	0.27	0.28	0.29	1.1
in %		5.6	7.2	4.8	8.7	14.	4.4
#		23.	24.	24.	24.	24.	24.

Table ff: THEP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
THEB4	1.015	0.32	986.	0.58	21.6	595.	114.
THEB5	0.963	0.32	1039.	0.44	22.1	582.	137.
THEB15	1.130	0.35	803.	0.64	25.8	553.	106.
THEB21	1.100	0.34	1036.	0.42	21.1	668.	110.
THEB22	1.006	0.38	749.	0.61	23.5	562.	107.
THEB23	0.974	0.36	659.	0.45	22.8	527.	156.
THEB27	0.888	0.36	741.	0.57	24.2	403.	116.
THEB29	0.990	0.34	793.	0.65	22.5	496.	109.
THEB30	0.988	0.33	903.	0.48	22.3	550.	115.
THEB32	1.005	0.34	1175.	(1.17)	21.0	616.	89.4
THEB33	1.042	0.30	904.	0.49	23.9	612.	96.9
THEB35	1.083	0.31	806.	0.50	25.2	583.	96.4
THEB37	0.992	0.36	916.	0.54	23.0	483.	126.
THEB39	0.923	0.35	802.	0.43	27.6	462.	143.
THEB40	1.006	0.33	713.	0.63	23.5	548.	143.
THEB41	0.993	0.36	994.	0.47	25.2	529.	105.
THEB42	0.981	0.33	942.	0.58	24.8	697.	129.
THEB43	1.054	0.35	1018.	0.53	23.1	636.	120.
THEB45	0.998	0.30	938.	0.38	22.4	596.	124.
THEB46	0.970	0.35	638.	0.47	23.3	488.	117.
THEB47	0.943	0.34	1066.	0.73	24.7	462.	104.
EUT01	0.968	0.36	761.	0.56	24.1	479.	116.
KNOS4	0.973	0.33	1053.	0.53	20.6	528.	109.
KNOS14	0.953	0.31	852.	0.67	21.9	474.	90.5
ave. meas. error		0.016	10.	0.010	1.6	26.	13.
in %		4.7	1.2	1.8	7.0	4.7	12.
ave. value M		0.34	887.	0.54	23.	544.	111.
spread		0.020	142.	0.091	1.7	71.	16.
in %		6.0	16.	17.	7.1	13.	14.
#		24.	24.	23.	24.	24.	24.

Table ff: THEP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
THEB4	1.015	21.0	4.24	0.69	0.57	7.79	0.46
THEB5	0.963	21.3	4.27	0.69	0.56	7.91	0.41
THEB15	1.130	20.1	4.57	0.75	0.78	8.42	0.46
THEB21	1.100	20.8	4.28	0.70	0.77	7.84	0.44
THEB22	1.006	20.7	4.49	0.75	0.69	8.34	0.49
THEB23	0.974	21.2	4.40	0.79	0.69	8.92	0.45
THEB27	0.888	20.0	4.67	0.75	0.73	8.90	0.45
THEB29	0.990	20.6	4.55	0.79	0.72	8.76	0.45
THEB30	0.988	20.9	4.52	0.73	0.67	8.99	0.40
THEB32	1.005	21.2	4.26	0.71	0.73	7.92	0.45
THEB33	1.042	20.7	4.32	0.71	0.70	8.10	0.44
THEB35	1.083	20.4	4.38	0.71	0.80	8.04	0.41
THEB37	0.992	20.3	4.64	0.70	0.77	8.11	0.44
THEB39	0.923	20.4	4.49	0.71	0.81	8.85	0.44
THEB40	1.006	20.3	4.61	0.77	0.83	8.74	0.44
THEB41	0.993	20.2	4.64	0.72	0.70	8.16	0.43
THEB42	0.981	21.1	4.21	0.68	0.67	8.08	0.40
THEB43	1.054	20.1	4.46	0.70	0.72	7.56	0.41
THEB45	0.998	21.0	4.28	0.83	0.70	8.49	0.40
THEB46	0.970	21.4	4.37	0.86	0.66	8.81	0.43
THEB47	0.943	19.5	4.72	0.91	0.78	7.99	0.47
EUT01	0.968	20.5	4.50	0.91	0.82	8.55	0.47
KNOS4	0.973	21.2	4.25	0.84	0.61	8.97	0.43
KNOS14	0.953	21.6	4.33	0.88	0.60	9.45	0.44
ave. meas. error		0.067	0.012	0.006	0.049	0.14	0.017
in %		0.3	0.3	0.7	6.9	1.6	3.8
ave. value M		21.	4.4	0.76	0.71	8.4	0.44
spread		0.52	0.16	0.073	0.075	0.49	0.024
in %		2.5	3.5	9.6	11.	5.8	5.5
#		24.	24.	24.	24.	24.	24.

Table ff: THEP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
THEB4	1.015	1.77	2.32	115.
THEB5	0.963	1.93	2.26	98.2
THEB15	1.130	2.54	2.21	115.
THEB21	1.100	2.05	2.22	114.
THEB22	1.006	2.21	2.47	99.6
THEB23	0.974	2.24	2.24	85.7
THEB27	0.888	2.38	2.26	113.
THEB29	0.990	2.37	2.22	90.1
THEB30	0.988	1.85	2.21	110.
THEB32	1.005	1.96	2.24	104.
THEB33	1.042	3.62	2.22	119.
THEB35	1.083	3.55	2.23	138.
THEB37	0.992	1.59	2.43	125.
THEB39	0.923	1.77	2.26	121.
THEB40	1.006	2.14	2.22	105.
THEB41	0.993	1.62	2.29	97.3
THEB42	0.981	1.75	2.14	118.
THEB43	1.054	1.55	2.32	115.
THEB45	0.998	1.92	2.17	94.8
THEB46	0.970	2.08	2.33	109.
THEB47	0.943	1.67	2.50	106.
EUT01	0.968	2.23	2.57	98.7
KNOS4	0.973	1.83	2.20	104.
KNOS14	0.953	1.99	2.34	95.7
ave. meas. error		0.028	0.058	7.2
in %		1.3	2.6	6.7
ave. value M		2.1	2.3	107.
spread		0.53	0.099	12.
in %		25.	4.3	11.
#		24.	24.	24.

Table: THFP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
THEB1	1.020	7.53	10.9	62.6	33.7	443.	7.81
THEB6	0.923	8.01	6.09	64.2	34.4	443.	6.27
THEB7	1.026	8.22	9.85	61.7	34.8	450.	6.08
THEB12	1.020	7.51	8.67	60.7	37.4	500.	6.20
THEB17	1.006	7.78	9.86	64.3	34.1	445.	6.34
TNAG01	0.994	8.03	9.54	62.7	31.3	645.	6.63
TNAG02	0.997	8.06	8.97	60.2	33.8	484.	6.73
TNAG03	1.004	7.90	9.44	60.9	32.3	434.	5.58
TNAG04	1.002	8.28	10.4	62.3	31.7	638.	6.39
ave. meas. error		0.16	0.51	0.93	0.47	8.1	0.24
in %		2.1	5.5	1.5	1.4	1.6	3.7
ave. value M		7.9	9.3	62.	34.	498.	6.4
spread		0.27	1.4	1.5	1.9	84.	0.61
in %		3.4	15.	2.4	5.5	17.	9.4
#		9.	9.	9.	9.	9.	9.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
THEB1	1.020	3.82	1.15	5.14	3.70	3.21	28.5
THEB6	0.923	3.80	1.17	5.40	3.12	2.83	29.5
THEB7	1.026	3.94	1.19	5.45	3.40	2.70	28.8
THEB12	1.020	4.18	1.12	5.61	3.23	2.83	27.8
THEB17	1.006	3.64	1.37	5.25	3.22	2.72	30.8
TNAG01	0.994	3.98	0.97	5.16	3.07	2.25	30.7
TNAG02	0.997	4.10	1.04	5.43	3.01	2.59	29.0
TNAG03	1.004	4.44	1.07	4.96	3.52	3.17	29.7
TNAG04	1.002	4.06	1.07	5.17	3.51	1.94	30.9
ave. meas. error		0.19	0.061	0.079	0.23	0.29	0.54
in %		4.8	5.5	1.5	7.0	11.	1.8
ave. value M		3.9	1.1	5.3	3.3	2.7	30.
spread		0.21	0.11	0.20	0.24	0.42	1.1
in %		5.4	9.7	3.8	7.4	16.	3.7
#		9.	9.	9.	9.	9.	9.

Table ff: THFP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
THEB1	1.020	0.36	770.	0.59	25.7	410.	138.
THEB6	0.923	0.33	855.	0.48	26.4	424.	162.
THEB7	1.026	0.33	796.	0.67	26.0	412.	152.
THEB12	1.020	0.30	876.	0.66	25.6	465.	156.
THEB17	1.006	0.35	782.	0.55	28.6	417.	131.
TNAG01	0.994	0.36	657.	0.57	26.3	430.	147.
TNAG02	0.997	0.37	803.	0.66	26.9	460.	146.
TNAG03	1.004	0.38	715.	0.63	24.9	397.	163.
TNAG04	1.002	0.37	674.	0.57	26.4	419.	142.
ave. meas. error		0.018	10.	0.010	1.7	21.	15.
in %		5.1	1.3	1.7	6.6	5.0	10.
ave. value M		0.35	770.	0.60	26.	426.	147.
spread		0.025	75.	0.063	1.7	23.	15.
in %		7.2	9.8	11.	6.6	5.3	10.
#		9.	9.	9.	9.	9.	9.

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
THEB1	1.020	21.0	4.62	0.84	0.69	9.71	0.46
THEB6	0.923	21.3	4.70	0.80	0.69	9.68	0.50
THEB7	1.026	20.9	4.75	0.81	0.63	9.89	0.50
THEB12	1.020	21.1	4.55	0.81	0.76	9.78	0.50
THEB17	1.006	20.8	4.76	0.80	0.61	10.2	0.46
TNAG01	0.994	21.0	4.63	1.05	0.71	9.90	0.50
TNAG02	0.997	21.3	4.48	0.95	0.66	9.72	0.48
TNAG03	1.004	20.5	4.83	1.02	0.73	10.3	0.44
TNAG04	1.002	21.1	4.65	1.00	0.63	9.72	0.48
ave. meas. error		0.063	0.010	0.005	0.042	0.13	0.016
in %		0.3	0.2	0.6	6.2	1.3	3.3
ave. value M		21.	4.7	0.90	0.68	9.9	0.48
spread		0.26	0.11	0.11	0.043	0.23	0.021
in %		1.3	2.4	12.	6.3	2.4	4.5
#		9.	9.	9.	9.	9.	9.

Table ff: THFP

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	U	Yb	Zn
THEB1	1.020	3.19	2.30	107.
THEB6	0.923	2.28	2.42	106.
THEB7	1.026	2.46	2.36	110.
THEB12	1.020	2.56	2.18	95.9
THEB17	1.006	2.42	2.34	103.
TNAG01	0.994	2.50	2.53	95.4
TNAG02	0.997	2.67	2.51	102.
TNAG03	1.004	2.57	2.70	97.4
TNAG04	1.002	2.60	2.66	86.2
ave. meas. error		0.026	0.096	6.0
in %		1.0	3.9	6.0
ave. value M		2.6	2.4	100.
spread		0.25	0.17	7.4
in %		9.8	6.9	7.4
#		9.	9.	9.

Table: pair 1

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
PERS06	0.979	7.00	3.52	53.8	25.2	368.	1.68
PERS07	1.019	7.44	1.53	49.0	20.6	258.	2.09
ave. meas. error		0.12	0.35	0.65	0.25	3.5	0.15
in %		1.6	14.	1.3	1.1	1.1	7.9
ave. value M		7.2	2.5	51.	23.	313.	1.9
spread		0.31	1.4	3.4	3.2	78.	0.29
in %		4.3	56.	6.6	14.	25.	15.
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
PERS06	0.979	4.10	1.04	5.04	5.47	0.68	27.4
PERS07	1.019	3.57	0.94	5.45	4.94	0.94	26.1
ave. meas. error		0.12	0.036	0.065	0.22	0.20	0.50
in %		3.1	3.6	1.2	4.2	24.	1.9
ave. value M		3.8	0.99	5.2	5.2	0.82	27.
spread		0.38	0.073	0.29	0.37	0.20	0.94
in %		9.9	7.4	5.5	7.2	24.	3.5
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
PERS06	0.979	0.39	734.	0.37	22.1	164.	42.1
PERS07	1.019	0.41	703.	0.21	19.4	149.	62.2
ave. meas. error		0.016	7.0	0.007	1.4	11.	6.5
in %		4.1	1.0	2.4	7.0	7.0	12.
ave. value M		0.40	719.	0.29	21.	156.	52.
spread		0.016	22.	0.12	2.0	11.	14.
in %		4.1	3.1	40.	9.4	7.1	27.
#		2.	2.	2.	2.	2.	2.

Table ff: pair 1

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
PERS06	0.979	17.2	4.47	0.93	0.71	10.7	0.45
PERS07	1.019	15.4	4.05	0.88	0.64	11.1	0.41
ave. meas. error		0.045	0.010	0.005	0.035	0.090	0.011
in %		0.3	0.2	0.5	5.1	0.8	2.7
ave. value M		16.	4.3	0.90	0.67	11.	0.43
spread		1.3	0.30	0.032	0.051	0.30	0.033
in %		7.8	7.1	3.5	7.6	2.8	7.7
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	U	Yb	Zn
PERS06	0.979	2.10	2.80	78.3
PERS07	1.019	1.87	2.43	85.6
ave. meas. error		0.020	0.090	4.4
in %		1.0	3.4	5.4
ave. value M		2.0	2.6	82.
spread		0.16	0.26	5.1
in %		7.8	10.0	6.2
#		2.	2.	2.

Table: pair 2

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Al	Ca%	Ce	Co	Cr	Cs
PKAS07	1.012	8.60	0.90	72.9	11.7	165.	7.66
PKAS08	0.988	8.77	0.60	76.8	11.4	170.	7.72
ave. meas. error		0.14	0.27	1.1	0.20	4.4	0.23
in %		1.6	37.	1.4	1.7	2.7	3.0
ave. value M		8.7	0.73	75.	12.	167.	7.7
spread		0.14	0.27	2.8	0.27	4.4	0.23
in %		1.6	37.	3.7	2.3	2.7	3.0
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	Dy	Eu	Fe%	Hf	K %	La
PKAS07	1.012	5.22	1.39	5.11	5.63	1.87	37.2
PKAS08	0.988	5.00	1.46	5.03	5.20	1.73	37.9
ave. meas. error		0.095	0.045	0.075	0.29	0.16	0.60
in %		1.9	3.1	1.5	5.3	8.8	1.6
ave. value M		5.1	1.4	5.1	5.5	1.8	38.
spread		0.16	0.052	0.075	0.30	0.16	0.60
in %		3.1	3.6	1.5	5.5	8.8	1.6
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	Lu	Mn	Na%	Nd	Ni	Rb
PKAS07	1.012	0.48	121.	0.55	33.2	79.9	151.
PKAS08	0.988	0.47	117.	0.53	34.1	77.1	146.
ave. meas. error		0.019	1.8	0.008	1.9	13.	19.
in %		4.0	1.5	1.5	5.8	16.	13.
ave. value M		0.48	119.	0.54	34.	79.	149.
spread		0.019	3.4	0.009	1.9	13.	19.
in %		4.0	2.9	1.7	5.8	16.	13.
#		2.	2.	2.	2.	2.	2.

Table ff: pair 2

Element concentrations C in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C, average values M and spreads, also in percent of M

Sample	dil.factor	Sc	Sm	Ta	Tb	Th	Ti%
PKAS07	1.012	19.5	6.17	0.98	0.86	12.6	0.46
PKAS08	0.988	19.1	6.26	0.97	0.89	12.6	0.47
ave. meas. error		0.060	0.010	0.006	0.047	0.15	0.011
in %		0.3	0.2	0.6	5.4	1.2	2.4
ave. value M		19.	6.2	0.98	0.87	13.	0.47
spread		0.30	0.064	0.007	0.047	0.15	0.011
in %		1.6	1.0	0.66	5.4	1.2	2.4
#		2.	2.	2.	2.	2.	2.

Sample	dil.factor	U	Yb	Zn
PKAS07	1.012	2.72	3.12	82.0
PKAS08	0.988	2.80	3.23	89.9
ave. meas. error		0.030	0.12	5.8
in %		1.1	3.7	6.8
ave. value M		2.8	3.2	85.
spread		0.052	0.12	5.8
in %		1.9	3.7	6.8
#		2.	2.	2.