

spot	U ppm	Th ppm	Th/U ppm	²⁰⁶ Pb ppm	4f ²⁰⁶ Pb %	Isotopic ratios						Ages						Disc. %
						²³⁸ U/ ²⁰⁶ Pb		²⁰⁷ Pb/ ²⁰⁶ Pb		²⁰⁸ Pb/ ²³² Th		²⁰⁸ Pb/ ²³² Th		²³⁸ U/ ²⁰⁶ Pb		²⁰⁷ Pb/ ²⁰⁶ Pb		
							%		%		%		±		±		±	
Pat1_1	280	213	0.79	12.8	0.37	18.8415	1.29	0.05854	6.58	0.0161	4.4	322	14	333.3	4	553	141	40
Pat1_2	386	338	0.9	17.9	0.28	18.564	1.25	0.05327	4.39	0.0162	2.73	325	9	338.2	4	342	98	1
Pat1_3	89	65	0.76	4.1	-0.09	18.59	1.61	0.07563	3.99	0.0194	3.49	388	14	337.8	5	1085	80	69
Pat1_4	113	107	0.98	5.3	2.66	18.8562	2.1	0.04771	24.71	0.0156	11.09	314	35	333.1	7	85	586	-292
Pat1_5	276	230	0.86	12.7	0.44	18.6947	1.24	0.0573	7.21	0.0163	4.47	326	15	335.9	4	503	159	33
Pat1_6	90	75	0.86	4.2	1.22	18.7366	1.97	0.06351	15.68	0.0162	10.38	326	34	335.2	6	725	332	54
Pat1_7	191	180	0.97	9.2	0.6	17.9408	1.58	0.06015	11.03	0.0171	6.28	342	21	349.7	5	609	239	43
Pat1_8	120	115	0.99	5.5	0.15	18.8466	2.31	0.06933	15.2	0.0173	8.92	348	31	333.3	8	909	313	63
Pat1_9	144	136	0.98	6.9	0.39	17.8957	1.55	0.05366	6.19	0.0161	3.84	323	12	350.5	5	357	140	1.8
Pat1_10	129	119	0.95	5.9	0	18.7217	1.33	0.05214	3.47	0.016	2.59	321	8	335.4	4	292	79	-15.1
Pat1_11	139	122	0.91	6.2	0	19.2617	1.58	0.05621	3.8	0.0152	3.02	305	9	326.3	5	461	84	29
Pat1_13	196	184	0.97	9	0	18.6894	1.18	0.055	2.61	0.0167	2.03	335	7	336	4	412	58	18.5
Pat1_14	91	70	0.79	4.1	0	19.0981	1.46	0.05601	3.7	0.0155	3.02	311	9	329	5	453	82	27.3
Pat4_1	329	234	0.73	15.2	0.87	18.8002	1.3	0.06108	7.85	0.0171	5.2	342	18	334.1	4	642	169	48
Pat4_2	630	604	0.99	29.1	0.57	18.7132	1.13	0.05445	5.09	0.0163	2.65	328	9	335.6	4	390	114	14
Pat4_3	291	218	0.77	13.2	1.09	19.169	1.42	0.0532	8.71	0.0151	5.63	303	17	327.8	5	346	192	5
Pat4_4	256	143	0.58	11.8	1.33	18.8495	1.69	0.05059	7.31	0.0155	5.97	311	19	333.2	6	233	165	-43
Pat4_5	324	148	0.47	14.9	0.54	18.7481	1.16	0.06022	6.19	0.0172	6.32	345	22	335	4	611	134	45
Pat4_6	551	418	0.78	25.6	0.57	18.6292	1.06	0.05371	5.35	0.0158	3.44	318	11	337.1	4	359	121	6
Pat4_7	370	197	0.55	17.8	0.44	17.9511	1.19	0.05861	5.33	0.0181	4.64	362	17	349.5	4	553	116	37
Pat4_8	491	350	0.74	22.6	0.6	18.7579	1.04	0.05249	2.88	0.0158	2.18	316	7	334.8	3	307	66	-9
Pat4_9	164	115	0.73	7.5	0.16	18.7529	1.24	0.05271	3.49	0.0157	2.69	316	9	334.9	4	316	79	-5.8
Pat4_10	474	301	0.66	21.7	0.03	18.7903	1.01	0.05413	2.93	0.0162	2.35	324	8	334.3	3	376	66	11.2
Pat4_11	837	375	0.46	38.8	0.05	18.5559	0.96	0.05464	1.84	0.0156	1.83	313	6	338.4	3	398	41	15
Pat4_12	390	253	0.67	18	0	18.5684	1.11	0.05731	2.42	0.016	2.17	320	7	338.1	4	503	53	33
Pat4_13	444	294	0.68	20.6	0	18.4632	1.12	0.0541	2.61	0.0165	2.71	331	9	340	4	375	59	9
mts14f2_1	138	101	0.76	6.3	0.86	18.8897	1.57	0.06989	5.41	0.0185	4.09	371	15	332.5	5	925	111	64
mts14f2_2	117	69	0.61	5.5	1.31	18.5234	1.71	0.065	11.39	0.0174	10.02	348	36	338.7	6	782	234	57
mts14f2_3	171	113	0.68	7.9	0	18.4338	1.43	0.06373	4.61	0.0182	4.18	364	15	340.6	5	733	98	54
mts14f2_4	88	62	0.72	4.2	1.7	18.4967	2.1	0.08407	12.76	0.0208	9.82	416	41	339.4	7	1294	248	74
mts14f2_5	229	129	0.58	10.5	0.46	18.8235	1.26	0.06357	9.11	0.0181	6.78	363	25	333.7	4	727	193	54
mts14f2_6	225	168	0.77	11.4	0.3	17.0756	1.46	0.06202	5.09	0.0181	4.55	362	17	366.8	5	677	107	46
mts14f2_7	126	91	0.74	5.9	1.04	18.548	1.84	0.06467	14.67	0.0178	9.6	356	35	338.3	6	770	302	56
mts14f2_8	157	71	0.47	7.4	1.84	18.6718	1.59	0.05125	12.55	0.0153	12.81	306	39	336.3	5	252	289	-33
mts14f2_9	113	63	0.57	5.2	0	18.6016	1.47	0.07105	3.41	0.0197	3.22	394	13	337.6	5	959	70	65
mts14f2_10	151	106	0.73	6.9	0	18.8505	1.46	0.06806	3.06	0.0177	2.75	355	10	333.2	5	870	63	62
mts14f2_11	227	110	0.5	10.5	0	18.6341	1.26	0.06429	2.31	0.0188	2.32	376	9	337	4	751	49	55
mts14f2_13	148	99	0.69	6.8	0	18.6634	1.48	0.06786	3.03	0.0183	2.77	366	10	336.5	5	864	63	61
mts14f2_14	107	52	0.5	4.9	0	18.8937	1.88	0.0735	4.51	0.0219	4.52	438	20	332.5	6	1028	91	68
mts134_6	223	156	0.72	10.4	1.08	18.6419	1.44	0.05011	6.53	0.0165	4.17	331	14	336.8	5	200	152	-68
mts134_8	195	95	0.5	13.3	0.79	12.718	1.44	0.06286	5.33	0.0263	4.83	525	25	487.9	7	704	113	31
mts134_9	1016	818	0.83	49.2	0.97	17.8958	1.28	0.0503	4.44	0.0167	2.78	335	9	350.5	4	209	103	-68
mts134_11	316	202	0.66	14.3	1.28	19.2012	1.37	0.05193	5.68	0.0158	4.16	317	13	327.3	4	282	130	-16
mts134_12	295	225	0.79	13.5	1.36	19.0279	1.48	0.05316	10.9	0.0115	8.34	231	19	330.2	5	336	247	2
mts134_13	170	106	0.64	7.7	1.53	19.3667	1.52	0.05892	6.03	0.0166	3.94	333	13	324.6	5	564	131	42
mts134_14	482	278	0.6	25.7	1.16	16.2835	1.33	0.05678	6.03	0.0199	4.21	398	17	384.2	5	483	133	20
mts134_15	496	286	0.6	22.8	1.13	18.9448	1.28	0.05128	4.83	0.0152	4.06	304	12	331.6	4	253	111	-31
mts134_16	360	256	0.73	16.5	1.94	19.115	1.35	0.04852	7.58	0.0151	5.01	302	15	328.7	4	125	178	-164
mts134_17	230	108	0.48	10.6	1.83	19.0242	1.5	0.04903	8.66	0.0157	8.09	315	25	330.2	5	149	203	-122
mts134_18	132	67	0.52	6.2	2.72	18.9508	1.8	0.06222	10.51	0.019	9.33	380	35	331.5	6	682	225	51
mts134_19	242	121	0.52	11.4	0.34	18.2831	1.39	0.05601	4.29	0.0169	4.04	340	14	343.3	5	453	95	24
mts134_20	161	93	0.6	7.5	1.33	18.5752	1.55	0.05638	10.67	0.017	5.59	340	19	338	5	468	236	28
mts134_21	222	126	0.58	10.2	1.35	18.9317	1.45	0.0524	7.11	0.0163	5.52	328	18	331.8	5	303	162	-10

mtc6_1	562	291	0.54	26	0.14	18.5471	1.18	0.05205	1.55	0.0163	1.91	327	6	338.5	4	288	35	-18
mtc6_3	56	25	0.45	2.6	0	18.3223	1.81	0.05556	3.7	0.0188	4.25	377	16	342.6	6	435	82	21
mtc6_8	453	251	0.57	20.4	0.01	19.1089	1.27	0.05265	1.85	0.0166	2.01	332	7	328.8	4	314	42	-5
mtc6_9	430	221	0.53	19.9	0.16	18.5683	1.3	0.0532	1.74	0.0167	2.07	334	7	338.1	4	337	39	0
mtc6_10	298	241	0.84	13.5	0.51	19.0137	1.26	0.05062	3.92	0.0159	2.59	319	8	330.4	4	224	91	-48
mtc6_12	213	72	0.35	9.7	0.59	19.0083	1.3	0.05071	2.82	0.0142	4.78	285	14	330.5	4	228	65	-45
mtc6_13	391	268	0.71	17.7	0.27	18.994	1.22	0.05142	2.39	0.016	2.01	320	6	330.8	4	260	55	-27
mtc6_14	423	211	0.51	19.8	0.34	18.4045	1.21	0.05029	2.36	0.0166	2.49	333	8	341.1	4	208	55	-64
mtc6_15	512	452	0.91	23.2	0	18.9251	1.19	0.05337	1.17	0.0162	1.5	324	5	331.9	4	345	26	4
mtc6_16	124	61	0.51	5.7	0.91	18.8179	1.48	0.0488	7.25	0.0155	6.55	312	20	333.8	5	138	170	-141
mtc6_17	372	303	0.84	17	0	18.787	1.22	0.05424	1.35	0.0164	1.65	329	5	334.3	4	381	30	12
mtc6_18	158	54	0.35	7.2	0.38	18.8412	1.4	0.05163	5.7	0.0156	7.95	313	25	333.4	5	269	131	-24
mtn36_4	218	132	0.63	9.7	0.27	19.2726	1.42	0.06222	4.14	0.0171	3.54	342	12	326.1	5	682	88	52
mtn36_5	210	122	0.6	9.5	1.06	19.1092	1.45	0.05558	5.63	0.0154	4.78	310	15	328.8	5	436	125	25
mtn36_6	339	289	0.88	15.3	0.65	19.1787	1.32	0.05039	4.52	0.0153	3	307	9	327.7	4	213	105	-54
mtn36_7	385	297	0.8	17.5	0.59	19.0154	1.29	0.05337	3.46	0.0157	2.48	315	8	330.4	4	344	78	4
mtn36_8	320	246	0.8	14.2	0.52	19.3961	1.34	0.05495	5.39	0.016	3.14	321	10	324.1	4	410	121	21
mtn36_9	193	107	0.57	8.6	2.92	19.7805	1.56	0.04284	12.77	0.0131	10.04	263	26	317.9	5	-177	318	280
mtn36_11	107	78	0.76	4.8	0.85	19.1107	1.73	0.05926	9.2	0.0171	5.61	343	19	328.8	6	577	200	43
mtn36_13	381	314	0.85	17.6	0.8	18.7794	1.44	0.05195	4.36	0.0157	2.77	314	9	334.4	5	283	100	-18
mtn36_14	330	271	0.85	14.7	0.5	19.3176	1.3	0.05403	3.99	0.016	2.22	321	7	325.4	4	372	90	13
mtn36_15	130	70	0.56	5.8	0.68	19.314	1.59	0.05974	5.81	0.0176	5.57	352	20	325.4	5	594	126	45
mtn36_16	82	39	0.49	3.8	2.13	19.0498	1.95	0.05882	13.55	0.0166	13.05	333	43	329.8	6	560	295	41
mtn36_17	252	155	0.63	11.3	1.2	19.3819	1.38	0.05012	5.92	0.0146	4.56	293	13	324.3	4	201	137	-62
mtn23a_5	557	349	0.65	25.3	0.38	18.9409	1.24	0.05443	2.51	0.0159	2.23	318	7	331.7	4	389	56	15
mtn23a_7	1000	569	0.59	44.7	0.46	19.3239	1.18	0.05196	2.16	0.0153	2.08	306	6	325.3	4	284	49	-15
mtn23a_8	191	115	0.62	8.7	1.19	19.0883	1.74	0.056	14.23	0.0159	11.13	319	36	329.2	6	452	316	27
mtn23a_10	223	206	0.96	9.7	1.38	20.0155	1.45	0.04693	7.45	0.0147	3.71	295	11	314.3	5	46	178	-588
mtn23a_11	125	67	0.56	5.7	2.59	19.1834	1.73	0.04695	12.86	0.0137	10.83	276	30	327.6	6	46	307	-605
mtn23a_13	211	91	0.45	9	2.92	20.5998	1.58	0.0398	14.38	0.0116	14.51	232	34	305.6	5	-364	372	184
mtn23a_15	283	137	0.5	12.7	1.15	19.4297	1.43	0.04934	8.73	0.0155	7.58	311	24	323.5	5	164	204	-97
mtn23a_16	306	102	0.35	13.7	0.4	19.2976	1.34	0.05278	4.4	0.016	5.48	322	18	325.7	4	319	100	-2
mtn23a_17	181	105	0.6	8.1	1.73	19.5816	1.75	0.05579	11.99	0.0152	9.95	305	30	321.1	6	444	267	28
mtn23a_18	201	184	0.95	8.9	1.33	19.6555	1.53	0.05416	8.85	0.0159	4.6	319	15	319.9	5	378	199	15
mtn23a_19	176	115	0.68	8	1.98	19.241	1.55	0.04961	9.67	0.0146	6.71	293	20	326.6	5	177	226	-85
mtn23a_20	126	78	0.64	5.8	1.53	19.0533	1.94	0.05313	14.36	0.016	10.33	322	33	329.8	6	335	325	1
mtn23a_21	202	181	0.93	9.1	1.33	19.2458	1.55	0.05263	10.19	0.0159	5.12	320	16	326.5	5	313	232	-4
mtc92_1	725	684	0.97	32.3	0	19.2874	1.66	0.05362	0.99	0.0159	2.07	320	7	325.9	5	355	22	8
mtc92_9	144	115	0.83	6.3	0.8	19.8464	1.46	0.04681	7.59	0.0143	4.43	286	13	316.9	5	40	182	-701
mtc92_11	221	152	0.71	13.6	0.23	13.9603	1.72	0.06408	3.2	0.0177	3.51	354	12	446	7	744	68	40
mtc92_13	394	328	0.86	17.1	0	19.799	1.21	0.0523	1.36	0.0155	2.15	311	7	317.6	4	299	31	-6
mtc92_15	379	354	0.96	16.2	0.08	20.1664	2.14	0.0532	1.93	0.0152	3.84	304	12	312	7	338	44	8
mtc92_16	218	149	0.7	9.7	0	19.2204	1.28	0.05313	1.75	0.016	2.02	320	6	327	4	334	40	2
mtc92_17	117	108	0.95	5.1	0.66	19.6913	1.48	0.05035	6.4	0.0155	4.03	311	13	319.3	5	211	148	-51
mtc92_18	345	248	0.74	15.2	0.38	19.5555	1.23	0.05099	2.23	0.0154	1.9	309	6	321.5	4	240	51	-34
mtc92_19	369	373	1.05	15.7	-0.03	20.2432	1.22	0.05396	1.39	0.0153	1.59	308	5	310.8	4	369	31	16
mtc92_20	235	230	1.01	10.6	0.41	19.1815	1.31	0.05054	4.96	0.0159	2.68	319	9	327.6	4	220	115	-49
mtc92_21	186	189	1.05	8.1	0	19.8206	1.44	0.05379	1.95	0.0156	2.02	313	6	317.3	4	362	44	12
mtc92_22	95	65	0.71	4.3	0.64	19.332	1.63	0.04987	10.63	0.0157	6.78	314	21	325.1	5	189	247	-72
mtc92_25	341	305	0.92	14.9	0	19.7146	1.23	0.05472	1.43	0.0158	1.66	316	5	319	4	401	32	20
mtc92_26	475	451	0.98	20.9	0.12	19.5073	1.2	0.05206	2.06	0.0157	1.65	315	5	322.3	4	288	47	-12
mtc92_27	666	344	0.53	29.4	0	19.4426	1.17	0.05301	1.07	0.0157	1.58	315	5	323.3	4	329	24	2