Table 1. Ar/Ar Summary Table

Sample: MB06-556 **Lab #**: 57546 **J**: 7.92E-04 ±7.92E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	01A	550.0	0.0	0.05895	0.04930	9.23E-06	0.00013	0.03722	0.00019	0.00169	0.00006	0.19497	0.02342	195.56	12.0786	2.3	144.5243	0.4
	01B	625.0	0.0	0.00673	0.00366	0.00002	0.00010	0.00457	0.00009	0.00320	0.00006	0.02199	0.00589	15.36	1.1838	3.4	10.79391	0.5
	01C	700.0	0.0	0.00428	0.00683	0.00004	0.00011	0.00312	0.00006	0.00605	0.00007	0.01316	0.00590	13.50	0.6309	9.3	9.48066	0.6
	01D	750.0	0.0	0.00190	0.00124	0.00002	0.00008	0.00138	0.00006	0.00369	0.00006	0.00576	0.00359	13.15	0.7103	10.4	9.23458	0.5
	01E	800.0	0.0	0.00160	0.00102	0.00002	0.00007	0.00118	0.00005	0.00414	0.00006	0.00487	0.00370	11.97	0.8225	10.0	8.40331	0.4
	01F	875.0	0.0	0.00280	0.00515	0.00002	0.00009	0.00203	0.00007	0.00546	0.00007	0.00874	0.00636	12.58	1.1236	7.8	8.83308	0.4
	01G	975.0	0.0	0.00445	0.00596	0.00004	0.00011	0.00317	0.00006	0.00955	0.00008	0.01396	0.00612	11.68	0.6646	7.5	8.20089	0.3
P	01H	1075.0	0.0	0.00633	0.00370	0.00004	0.00013	0.00442	0.00006	0.01468	0.00010	0.02022	0.00704	12.13	0.7045	5.7	8.51789	0.2
P	01I	1250.0	0.0	0.03694	0.02355	0.00020	0.00042	0.02486	0.00017	0.00025	0.00003	0.11844	0.01445	13.97	0.3515	5.2	9.81570	61.9
P	01J	1300.0	0.0	0.00067	0.00095	5.56E-06	0.00006	0.00058	0.00005	0.01593	0.00015	0.00212	0.00291	12.45	2.2411	7.2	8.74226	2.75E
P	01K	1700.0	0.0	0.00060	0.00071	5.88E-06	0.00005	0.00054	0.00004	0.03397	0.00017	0.00196	0.00273	10.18	2.0334	6.8	7.14497	1.35E

Weighted Mean Age			13.24600 ±0.22195
Integrated			17.41491 ±17.33487
Plateau	**Steps**	H-K	13.58473 ±0.31147
Isochron			9.10747 ±9.08452

Sample: MB06-595 **Lab #**: 57549 **J**: 7.91E-04 ±7.91E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	01A	550.0	0.0	0.02122	0.00830	0.00002	0.00010	0.01359	0.00013	0.01611	0.00013	0.07006	0.01566	32.56	2.8679	2.5	23.02885	0.1
	01B	625.0	0.0	0.00163	0.00133	0.00008	0.00014	0.00169	0.00006	-0.00262	0.00007	0.00305	0.00316	12.55	0.1632	44.7	8.82928	-2.5
P	01C	700.0	0.0	0.00175	0.00134	0.00016	0.00023	0.00240	0.00006	-0.00048	0.00009	0.00131	0.00225	11.93	0.0614	77.9	8.38893	-26.9
P	01D	750.0	0.0	0.00155	0.00099	0.00017	0.00022	0.00234	0.00006	0.00437	0.00008	0.00056	0.00166	11.85	0.0454	89.5	8.33434	3.0
P	01E	800.0	0.0	0.00180	0.00149	0.00020	0.00028	0.00263	0.00007	0.00528	0.00007	0.00054	0.00163	11.86	0.0401	91.3	8.34200	3.0
P	01F	875.0	0.0	0.00189	0.00144	0.00021	0.00028	0.00273	0.00006	0.00629	0.00015	0.00057	0.00193	11.88	0.0435	91.2	8.35551	2.6
P	01G	975.0	0.0	0.00183	0.00121	0.00018	0.00025	0.00245	0.00007	0.00925	0.00009	0.00100	0.00200	11.92	0.0496	84.1	8.38540	1.6
	01H	1075.0	0.0	0.00185	0.00139	0.00019	0.00022	0.00256	0.00006	0.00929	0.00008	0.00099	0.00194	11.60	0.0455	84.5	8.15647	1.6
	01I	1250.0	0.0	0.00409	0.00586	0.00037	0.00064	0.00531	0.00007	0.06150	0.00024	0.00373	0.00333	11.61	0.0491	73.9	8.16699	0.5
	01J	1700.0	0.0	0.00132	0.00194	0.00010	0.00016	0.00159	0.00005	0.01634	0.00012	0.00189	0.00222	11.54	0.1041	58.4	8.11548	0.5

Weighted Mean Age			11.80765 ±0.01732
Integrated			12.09345 ±12.05311
Plateau	**Steps**	C-G	11.87446 ±0.02294
Isochron			11.72851 ±11.69047

Sample: MB06-763 **Lab #**: 57553 **J**: 7.94E-04 ±7.94E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	01A	550.0	0.0	0.04252	0.02768	0.00002	0.00010	0.02712	0.00022	0.00118	0.00009	0.14107	0.02027	72.08	5.5983	2.0	51.35020	1.0
	01B	625.0	0.0	0.00216	0.00242	0.00008	0.00016	0.00205	0.00007	0.00335	0.00010	0.00507	0.00362	12.31	0.2040	30.8	8.62751	1.7
P	01C	700.0	0.0	0.00217	0.00291	0.00018	0.00027	0.00277	0.00007	0.00615	0.00011	0.00243	0.00298	11.51	0.0753	67.0	8.06418	2.1
P	01D	750.0	0.0	0.00175	0.00120	0.00019	0.00028	0.00265	0.00006	0.00621	0.00011	0.00092	0.00178	11.42	0.0450	84.7	8.00238	2.2
P	01E	800.0	0.0	0.00115	0.00155	0.00013	0.00019	0.00175	0.00004	0.00495	0.00009	0.00051	0.00182	11.38	0.0654	87.2	7.97189	1.9
P	01F	875.0	0.0	0.00162	0.00103	0.00018	0.00023	0.00231	0.00006	0.00823	0.00010	0.00057	0.00178	11.50	0.0447	89.9	8.05371	1.6
P	01G	975.0	0.0	0.00134	0.00104	0.00015	0.00024	0.00193	0.00004	0.00913	0.00008	0.00058	0.00167	11.42	0.0526	87.6	8.00021	1.2
	01H	1075.0	0.0	0.00089	0.00099	0.00010	0.00015	0.00138	0.00005	0.01364	0.00011	0.00038	0.00153	11.09	0.0678	88.3	7.76608	0.5
	01I	1250.0	0.0	0.00325	0.00598	0.00023	0.00050	0.00404	0.00007	0.07264	0.00027	0.00504	0.00355	11.11	0.0803	55.4	7.77995	0.2
	01J	1700.0	0.0	0.00095	0.00080	0.00004	0.00012	0.00098	0.00005	0.01034	0.00008	0.00209	0.00250	11.80	0.2593	35.8	8.26610	0.3

Weighted Mean Age			11.39924 ±0.02143	
Integrated			12.20306 ±12.16215	
Plateau	**Steps**	C-G	11.45321 ±0.02669	
Isochron			11.28433 ±11.24911	

Sample: MB06-762 **Lab #**: 57552 **J**: 7.95E-04 ±7.95E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	01A	550.0	0.0	0.04622	0.03193	0.00003	0.00012	0.02911	0.00020	0.00053	0.00005	0.15332	0.02128	44.08	3.3677	2.0	31.09940	4.4
P	01B	625.0	0.0	0.00245	0.00391	0.00019	0.00027	0.00303	0.00007	0.00169	0.00005	0.00321	0.00300	11.34	0.0750	61.2	7.92938	8.8
P	01C	700.0	0.0	0.00316	0.00639	0.00036	0.00082	0.00462	0.00007	0.00266	0.00006	0.00108	0.00231	11.45	0.0458	90.0	8.00180	10.5
P	01D	750.0	0.0	0.00201	0.00176	0.00024	0.00039	0.00317	0.00007	0.00190	0.00006	0.00037	0.00156	11.33	0.0346	94.6	7.92322	9.9
P	01E	800.0	0.0	0.00207	0.00272	0.00025	0.00054	0.00342	0.00005	0.00213	0.00005	0.00037	0.00176	11.31	0.0416	94.7	7.91005	9.1
P	01F	875.0	0.0	0.00269	0.00484	0.00032	0.00081	0.00419	0.00007	0.00319	0.00006	0.00043	0.00177	11.30	0.0421	95.4	7.90147	8.0
	01G	975.0	0.0	0.00281	0.00481	0.00034	0.00080	0.00450	0.00008	0.00406	0.00007	0.00056	0.00193	11.18	0.0410	94.2	7.81865	6.5
	01H	1075.0	0.0	0.00156	0.00117	0.00019	0.00024	0.00251	0.00006	0.00873	0.00008	0.00049	0.00165	10.90	0.0409	91.1	7.61720	1.7
	01I	1250.0	0.0	0.00274	0.00526	0.00028	0.00066	0.00396	0.00006	0.03210	0.00018	0.00218	0.00230	10.96	0.0520	77.1	7.66110	0.7
	01J	1700.0	0.0	0.00185	0.00119	0.00017	0.00024	0.00263	0.00005	0.01321	0.00011	0.00167	0.00274	11.21	0.0691	73.7	7.83394	1.0

Weighted Mean Age			11.22334 ±0.01506	
Integrated			11.64678 ±11.60937	
Plateau	**Steps**	B-F	11.35472 ±0.02197	
Isochron			11.18421 ±11.14961	

Sample: MB07-007 **Lab #**: 58767 **J**: 9.78E-04 ±9.78E-04 **IC**: 1.000 ±0.0000

Material: Wr **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/C
	01A	550.0	0.0	-0.00003	0.00022	-1.80E-0	0.00004	-0.00003	0.00002	-0.00005	0.00002	-0.00011	0.00112	-35.09	33.8073	-12.3	-19.6959	0.2
	01B	625.0	0.0	0.01068	0.00620	0.00002	0.00009	0.00704	0.00009	0.00187	0.00005	0.03569	0.01132	12.53	3.0201	1.3	7.12509	0.6
	01C	700.0	0.0	0.01041	0.00601	0.00002	0.00011	0.00674	0.00007	0.00234	0.00005	0.03464	0.01366	13.21	3.0894	1.7	7.51311	0.6
	01D	750.0	0.0	0.00473	0.00352	0.00002	0.00010	0.00320	0.00005	0.00184	0.00004	0.01557	0.00737	12.90	2.2181	2.7	7.33783	0.6
	01E	800.0	0.0	0.00761	0.00500	0.00002	0.00010	0.00525	0.00006	0.00269	0.00006	0.02539	0.00861	10.38	2.3444	1.5	5.90014	0.4
	01F	875.0	0.0	0.01680	0.01199	0.00004	0.00013	0.01103	0.00012	0.00652	0.00007	0.05541	0.01904	16.99	2.2495	2.6	9.67645	0.4
P	01G	975.0	0.0	0.03941	0.03080	0.00017	0.00032	0.02617	0.00012	-0.00053	0.00015	0.12902	0.04241	13.44	1.3424	3.3	7.64695	-19.4
P	01H	1075.0	0.0	0.01400	0.02706	0.00018	0.00045	0.01062	0.00010	0.01536	0.00012	0.04357	0.01533	10.90	0.5038	8.1	6.19623	0.7
P	01I	1250.0	0.0	0.04162	0.03058	0.00061	0.00067	0.03172	0.00015	0.00552	0.00040	0.12876	0.03776	10.34	0.3340	8.6	5.87487	6.8
	01J	1700.0	0.0	0.00431	0.00277	0.00005	0.00015	0.00338	0.00007	0.00605	0.00013	0.01395	0.00768	6.20	0.7426	4.4	3.51805	0.5

Weighted Mean Age			10.26145 ±0.24945	
Integrated			11.09651 ±11.06683	
Plateau	**Steps**	G-I	11.21477 ±0.47171	
Isochron			9.29626 ±9.27235	

Sample: MB06-765 **Lab #**: 57555 **J**: 8.21E-04 ±8.21E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	01A	550.0	0.0	0.02733	0.01514	8.81E-06	0.00009	0.01792	0.00013	0.00597	0.00008	0.09114	0.01426	66.73	7.3009	1.5	45.88050	0.1
P	01B	625.0	0.0	0.00428	0.00589	0.00003	0.00009	0.00309	0.00012	0.00400	0.00006	0.01381	0.00744	11.93	1.3157	4.8	8.08172	0.5
P	01C	700.0	0.0	0.00326	0.00650	0.00004	0.00014	0.00242	0.00006	0.00675	0.00008	0.00994	0.00600	10.86	0.6293	10.0	7.35067	0.5
P	01D	750.0	0.0	0.00189	0.00121	0.00004	0.00010	0.00163	0.00005	0.00642	0.00008	0.00543	0.00559	11.03	0.6340	15.2	7.46924	0.4
P	01E	800.0	0.0	0.00106	0.00095	0.00003	0.00009	0.00087	0.00004	0.00455	0.00007	0.00294	0.00329	11.36	0.5716	18.3	7.68879	0.4
P	01F	875.0	0.0	0.00204	0.00197	0.00005	0.00013	0.00177	0.00006	0.00985	0.00009	0.00565	0.00422	11.45	0.3844	18.4	7.75615	0.4
P	01G	975.0	0.0	0.00277	0.00476	0.00006	0.00013	0.00224	0.00007	0.01212	0.00011	0.00779	0.00439	11.13	0.3217	17.2	7.53359	0.4
P	01H	1075.0	0.0	0.00200	0.00186	0.00006	0.00014	0.00175	0.00006	0.01278	0.00011	0.00541	0.00415	10.10	0.3088	20.3	6.83725	0.3
P	01I	1250.0	0.0	0.01603	0.00760	0.00022	0.00044	0.01210	0.00012	0.00032	0.00003	0.04886	0.01149	10.49	0.2300	9.9	7.10270	51.3
	01J	1700.0	0.0	0.00166	0.00124	0.00003	0.00010	0.00144	0.00006	0.06605	0.00021	0.00485	0.00416	12.05	0.5626	16.3	8.15852	3.64E-02

Weighted Mean Age			10.84389 ±0.13171	
Integrated			11.74203 ±11.70538	
Plateau	**Steps**	B-I	10.89418 ±0.16767	
Isochron			9.83882 ±9.81204	

Sample: MB07-139 **Lab #**: 58627 **J**: 2.21E-03 ±2.21E-03 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	01A	550.0	0.0	0.05063	0.04094	0.00004	0.00020	0.25900	0.00085	0.01062	0.00010	0.16763	0.03174	96.90	8.7142	2.2	24.92520	0.5
	01B	625.0	0.0	0.00681	0.00470	0.00015	0.00022	0.09047	0.00025	0.01849	0.00015	0.02146	0.01089	12.88	0.8827	7.0	3.23626	0.9
P	01C	700.0	0.0	0.00467	0.00316	0.00026	0.00046	0.02420	0.00017	0.02427	0.00020	0.01328	0.00838	11.35	0.3761	16.1	2.84969	1.3
P	01D	750.0	0.0	0.00250	0.00238	0.00032	0.00049	0.00783	0.00011	0.02723	0.00014	0.00559	0.00928	10.69	0.3426	34.2	2.68344	1.4
P	01E	800.0	0.0	0.00315	0.00234	0.00042	0.00054	0.01191	0.00011	0.03984	0.00018	0.00686	0.00711	10.76	0.2007	36.0	2.70146	1.2
P	01F	875.0	0.0	0.00293	0.00225	0.00046	0.00061	0.01046	0.00008	0.04515	0.00024	0.00580	0.00671	10.65	0.1738	41.9	2.67428	1.2
P	01G	975.0	0.0	0.00186	0.00137	0.00036	0.00050	0.00810	0.00009	0.03026	0.00021	0.00320	0.00629	10.23	0.2075	49.5	2.56787	1.4
P	01H	1075.0	0.0	0.00163	0.00124	0.00044	0.00060	0.00814	0.00009	0.04185	0.00013	0.00165	0.00553	10.37	0.1481	70.7	2.60456	1.3
	01I	1250.0	0.0	0.00618	0.00394	0.00122	0.00112	0.02320	0.00014	0.00068	0.00004	0.01076	0.00673	9.72	0.0669	48.3	2.43934	211.4
	01J	1700.0	0.0	0.00482	0.00308	0.00026	0.00044	0.00748	0.00009	-0.00022	0.00005	0.01416	0.00865	9.72	0.3910	13.2	2.43949	-140.4

Weighted Mean Age			10.04660 ±0.05175	
Integrated			11.36954 ±11.33450	
Plateau	**Steps**	C-H	10.62937 ±0.10168	
Isochron			9.73681 ±9.71058	

Sample: MB06-834 **Lab #**: 57557 **J**: 8.22E-04 ±8.22E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	01A	550.0	0.0	0.04115	0.02711	9.56E-06	0.00013	0.02608	0.00015	0.00435	0.00008	0.13646	0.01974	124.37	9.4688	2.0	86.78851	0.2
P	01B	625.0	0.0	0.00152	0.00129	0.00002	0.00008	0.00129	0.00006	0.00379	0.00006	0.00462	0.00359	11.53	0.7674	10.5	7.79533	0.4
P	01C	700.0	0.0	0.00129	0.00086	0.00004	0.00010	0.00124	0.00004	0.00694	0.00007	0.00329	0.00372	10.59	0.3643	24.9	7.15794	0.5
P	01D	750.0	0.0	0.00063	0.00066	0.00005	0.00011	0.00086	0.00005	0.00498	0.00006	0.00104	0.00208	10.22	0.1944	51.8	6.90778	0.7
P	01E	800.0	0.0	0.00084	0.00090	0.00008	0.00014	0.00119	0.00004	0.00848	0.00010	0.00089	0.00166	10.57	0.0918	69.5	7.14884	0.7
P	01F	875.0	0.0	0.00110	0.00098	0.00010	0.00017	0.00146	0.00005	0.01205	0.00015	0.00140	0.00258	10.41	0.1163	63.1	7.03684	0.6
P	01G	975.0	0.0	0.00090	0.00084	0.00007	0.00015	0.00123	0.00004	0.01236	0.00012	0.00133	0.00231	10.37	0.1392	57.3	7.00839	0.4
	01H	1075.0	0.0	0.00057	0.00061	0.00005	0.00012	0.00074	0.00003	0.01133	0.00012	0.00088	0.00190	10.01	0.1795	55.6	6.76423	0.3
	01I	1250.0	0.0	0.00347	0.00596	0.00008	0.00017	0.00303	0.00007	6.11E-06	0.00004	0.01002	0.00477	8.78	0.2661	14.5	5.92947	1.00E-
	01J	1700.0	0.0	0.00245	0.00350	0.00002	0.00009	0.00181	0.00005	0.07413	0.00022	0.00788	0.00514	11.73	1.1221	6.8	7.93385	2.03E-

Weighted Mean Age			10.35519 ±0.05539	
Integrated			12.34121 ±12.30071	
Plateau	**Steps**	B-G	10.48720 ±0.06618	
Isochron			10.09530 ±10.06711	

Sample: MB06-828 **Lab #**: 57540 **J**: 7.82E-04 ±7.82E-04 **IC**: 1.000 ±0.0000

Material: Amphibole **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
P	01A	950.0	0.0	0.00183	0.00322	0.00005	0.00012	0.00163	0.00004	0.00600	0.00008	0.00487	0.00366	10.60	0.3061	21.4	7.53157	0.7
P	01B	1140.0	0.0	0.00216	0.00295	0.00009	0.00016	0.00225	0.00005	0.05042	0.00018	0.00500	0.00398	10.67	0.1837	33.0	7.58443	0.2
P	01C	1170.0	0.0	0.00091	0.00077	0.00006	0.00016	0.00118	0.00005	0.03929	0.00018	0.00162	0.00232	10.76	0.1697	49.7	7.64362	0.1
P	01D	1200.0	0.0	0.00189	0.00134	0.00016	0.00021	0.00255	0.00007	0.11398	0.00034	0.00268	0.00271	10.37	0.0828	61.3	7.37040	0.1
P	01E	1225.0	0.0	0.00087	0.00068	0.00007	0.00015	0.00120	0.00005	0.05830	0.00019	0.00134	0.00204	10.29	0.1330	58.1	7.31446	9.67E-02
	01F	1250.0	0.0	0.00043	0.00056	0.00003	0.00010	0.00061	0.00004	0.03772	0.00017	0.00081	0.00176	9.68	0.2467	49.2	6.87869	6.71E-02
	01G	1275.0	0.0	0.00013	0.00029	5.15E-06	0.00005	0.00012	0.00003	0.02181	0.00012	0.00035	0.00150	10.59	1.2569	29.5	7.52688	1.89E-02
	01H	1300.0	0.0	0.00010	0.00028	2.62E-06	0.00004	0.00010	0.00002	0.02350	0.00014	0.00031	0.00163	13.44	2.7396	23.2	9.56140	8.74E-03
	01I	1400.0	0.0	0.00012	0.00024	2.05E-06	0.00004	0.00011	0.00003	0.02564	0.00015	0.00041	0.00149	5.51	3.2747	6.5	3.91145	6.16E-03
	01J	1700.0	0.0	0.00014	0.00036	1.77E-06	0.00004	0.00013	0.00003	0.03014	0.00017	0.00051	0.00165	0.24	4.3003	0.2	0.17089	4.45E-03

Weighted Mean Age			10.40089 ±0.05824
Integrated			10.41187 ±10.38213
Plateau	**Steps**	A-E	10.48387 ±0.06727
Isochron			9.74702 ±9.72074

Sample: MB07-163 **Lab #**: 58784 **J**: 1.01E-03 ±1.01E-03 **IC**: 1.000 ±0.0000

Material: Wr **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/C
P	01A	550.0	0.0	-0.00002	0.00017	-6.20E-0	0.00002	-0.00001	0.00001	-9.14E-0	0.00002	-0.00007	0.00095	16.90	82.0115	2.7	9.31761	0.4
P	01B	625.0	0.0	0.01120	0.00679	0.00011	0.00021	0.00867	0.00013	0.00074	0.00004	0.03556	0.01198	11.54	0.6022	6.2	6.35052	8.7
P	01C	700.0	0.0	0.00553	0.00366	0.00026	0.00038	0.00644	0.00007	0.00151	0.00004	0.01357	0.00714	10.73	0.1516	27.5	5.90499	10.1
P	01D	750.0	0.0	0.00489	0.00280	0.00033	0.00047	0.00641	0.00007	0.00211	0.00004	0.01011	0.00555	10.50	0.0926	39.0	5.77976	9.3
P	01E	800.0	0.0	0.00521	0.00334	0.00037	0.00054	0.00685	0.00009	0.00291	0.00005	0.01041	0.00603	10.44	0.0898	41.0	5.74270	7.5
P	01F	875.0	0.0	0.00788	0.00427	0.00055	0.00056	0.01006	0.00008	0.00496	0.00006	0.01595	0.00623	10.54	0.0635	40.3	5.79852	6.5
P	01G	975.0	0.0	0.00798	0.00603	0.00060	0.00061	0.01094	0.00008	-0.00028	0.00011	0.01532	0.00650	10.47	0.0617	43.3	5.76265	-127.
P	01H	1075.0	0.0	0.00549	0.00425	0.00052	0.00062	0.00828	0.00008	0.00969	0.00009	0.00865	0.00498	10.33	0.0551	53.5	5.68251	3.2
P	01I	1250.0	0.0	0.00852	0.00430	0.00060	0.00061	0.01064	0.00009	0.00168	0.00011	0.01719	0.00831	10.50	0.0766	40.4	5.77614	21.0
	01J	1700.0	0.0	0.00531	0.00311	0.00034	0.00054	0.00660	0.00007	0.02771	0.00017	0.01120	0.00622	10.74	0.1006	38.0	5.90946	0.7

Weighted Mean Age			10.48236 ±0.02676
Integrated			10.54031 ±10.50965
Plateau	**Steps**	A-I	10.45742 ±0.02979
Isochron			10.30440 ±10.27503

Sample: MB06-833 **Lab #**: 57543 **J**: 7.84E-04 ±7.84E-04 **IC**: 1.000 ±0.0000

Material: Amphibole **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
P	01A	950.0	0.0	0.00081	0.00113	0.00001	0.00008	0.00054	0.00005	0.00663	0.00007	0.00242	0.00294	11.45	1.0303	12.0	8.11753	0.1
P	01B	1140.0	0.0	0.00186	0.00149	0.00012	0.00020	0.00223	0.00007	0.07626	0.00025	0.00354	0.00276	10.47	0.1087	45.9	7.41844	0.1
P	01C	1170.0	0.0	0.00055	0.00072	0.00006	0.00013	0.00089	0.00005	0.04526	0.00020	0.00039	0.00166	10.32	0.1186	83.5	7.31466	0.1
P	01D	1200.0	0.0	0.00032	0.00055	0.00004	0.00012	0.00056	0.00003	0.02968	0.00015	0.00019	0.00197	10.56	0.2264	87.0	7.48311	0.1
P	01E	1225.0	0.0	0.00059	0.00070	0.00007	0.00014	0.00099	0.00004	0.05514	0.00018	0.00039	0.00154	10.46	0.1061	85.4	7.41692	0.1
P	01F	1250.0	0.0	0.00026	0.00051	0.00003	0.00009	0.00048	0.00003	0.02736	0.00018	0.00021	0.00143	10.67	0.2219	81.7	7.56373	8.30E-0
P	01G	1275.0	0.0	0.00002	0.00021	2.85E-07	0.00004	0.00003	0.00002	0.00219	0.00007	0.00005	0.00123	11.28	18.6743	14.6	7.99658	1.02E-0
P	01H	1700.0	0.0	0.00013	0.00032	2.08E-06	0.00005	0.00014	0.00002	0.02553	0.00016	0.00041	0.00328	14.30	6.9361	15.7	10.15040	6.25E-0
Weighted Mean Age														10.45265 ±0.05921				
Integrated														10.52473 ±10.49442				
Plateau												**Steps**	A-H	10.45237 ±0.05921				
Isochron														9.82819 ±9.80147				

Sample: MB06-832 **Lab #**: 57542 **J**: 7.83E-04 ±7.83E-04 **IC**: 1.000 ±0.0000

Material: Amphibole **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	01A	950.0	0.0	0.00158	0.00213	8.29E-06	0.00006	0.00107	0.00005	0.00215	0.00005	0.00507	0.00340	14.78	1.7428	5.5	10.50234	0.3
P	01B	1140.0	0.0	0.00432	0.00621	0.00019	0.00027	0.00433	0.00007	0.10660	0.00028	0.01015	0.00486	10.38	0.1224	31.8	7.36705	0.1
P	01C	1170.0	0.0	0.00081	0.00074	0.00009	0.00021	0.00137	0.00004	0.05988	0.00021	0.00051	0.00193	10.46	0.0964	85.1	7.41996	0.1
P	01D	1200.0	0.0	0.00071	0.00072	0.00008	0.00020	0.00111	0.00003	0.05576	0.00023	0.00056	0.00175	10.43	0.1049	80.8	7.39932	0.1
P	01E	1225.0	0.0	0.00162	0.00104	0.00018	0.00026	0.00257	0.00006	0.12740	0.00036	0.00131	0.00186	10.34	0.0599	80.2	7.33523	0.1
P	01F	1250.0	0.0	0.00006	0.00028	3.07E-06	0.00007	0.00005	0.00003	0.00497	0.00011	0.00015	0.00136	9.89	1.8727	33.2	7.01462	4.98E-02
P	01G	1275.0	0.0	4.82E-06	0.00025	-1.87E-0	0.00006	0.00003	0.00002	0.00055	0.00008	0.00009	0.00128	15.03	2.8720	-415.4	10.68160	-0.3
P	01H	1700.0	0.0	0.00012	0.00041	-8.77E-0	0.00006	0.00006	0.00003	0.02233	0.00014	0.00046	0.00170	12.09	7.4315	-7.2	8.58208	-3.53E-0
Weighted Mean Age														10.38407 ±0.04285				
Integrated														10.43103 ±10.40112				
Plateau												**Steps**	B-H	10.38135 ±0.04286				
Isochron														9.82244 ±9.79575				

Sample: MB06-582 **Lab #**: 56966 **J**: 7.63E-04 ±7.63E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
P	01A	550.0	0.0	0.01356	0.00444	0.00001	0.00007	0.00871	0.00006	0.00176	0.00004	0.04547	0.00764	14.12	2.6092	0.9	10.29908	1.0
P	01B	625.0	0.0	0.00129	0.00086	0.00007	0.00011	0.00140	0.00003	0.00473	0.00006	0.00247	0.00203	10.32	0.1128	43.3	7.51974	2.4
P	01C	700.0	0.0	0.00245	0.00134	0.00028	0.00026	0.00369	0.00004	0.01671	0.00008	0.00122	0.00163	10.37	0.0266	85.4	7.55783	2.5
P	01D	750.0	0.0	0.00190	0.00093	0.00023	0.00029	0.00312	0.00003	0.01693	0.00007	0.00053	0.00169	10.32	0.0326	92.1	7.51705	2.1

Sample: MB06-582 **Lab #**: 56966 **J**: 7.63E-04 ±7.63E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01E	800.0	0.0	0.00101	0.00076	0.00012	0.00011	0.00161	0.00003	0.00995	0.00006	0.00040	0.00170	10.32	0.0592	88.6	7.52258	1.8
P	01F	875.0	0.0	0.00102	0.00076	0.00011	0.00014	0.00151	0.00002	0.01037	0.00007	0.00068	0.00171	10.33	0.0649	80.8	7.52800	1.6
P	01G	975.0	0.0	0.00140	0.00084	0.00015	0.00017	0.00212	0.00003	0.01817	0.00009	0.00085	0.00239	10.31	0.0643	82.4	7.51027	1.3
	01H	1075.0	0.0	0.00158	0.00094	0.00018	0.00015	0.00244	0.00003	0.02994	0.00008	0.00086	0.00183	10.18	0.0428	84.5	7.42051	0.9
	01I	1250.0	0.0	0.00319	0.00159	0.00030	0.00032	0.00434	0.00003	0.00108	0.00003	0.00322	0.00235	10.08	0.0337	70.1	7.34428	42.9
	01J	1700.0	0.0	0.00039	0.00043	0.00003	0.00008	0.00050	0.00002	0.02725	0.00010	0.00063	0.00174	9.89	0.2379	54.9	7.20598	0.2

Weighted Mean Age			10.27188 ±0.01468
Integrated			10.28530 ±10.25609
Plateau	**Steps**	A-G	10.34487 ±0.01840
Isochron			10.24099 ±10.21198

Sample: MB06-547 **Lab #**: 61610 **J**: 4.87E-03 ±4.87E-03 **IC**: 1.000 ±0.0000

Material: Plagioclase **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/C
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	01A	18.0	0.0	0.12666	0.12378	0.00012	0.02440	8.48643	0.04075	5.99208	0.07446	0.45550	0.31071	-545.36	198.3520	-4.1	-53.6016	1.60
	01B	18.5	0.0	0.47765	0.45148	-0.00030	0.03970	25.17774	0.04129	22.61508	0.06969	1.75353	0.68349	588.98	62.7087	-6.3	79.32490	-1.6
P	01C	19.5	0.0	0.57323	0.12653	0.01847	0.02563	3.64267	0.03865	77.27457	0.08237	1.98143	0.58183	9.40	0.8276	3.4	1.07318	2.35
P	01D	20.5	0.0	0.21287	0.09620	0.07075	0.02930	1.74979	0.03569	155.6366	0.08699	0.66281	0.32008	10.05	0.1185	37.9	1.14808	4.51
P	01E	22.0	0.0	0.15918	0.09561	0.08465	0.03206	1.23723	0.04324	147.1000	0.08696	0.40825	0.25870	10.25	0.0802	61.9	1.17038	5.71
P	01F	25.0	0.0	0.14689	0.09605	0.04592	0.02788	0.72621	0.03827	82.86807	0.08102	0.43280	0.27066	10.13	0.1544	36.0	1.15701	5.50
P	01G	30.0	0.0	0.20664	0.09730	0.02448	0.02504	0.50956	0.03779	48.56070	0.10774	0.67463	0.31637	9.76	0.3381	13.1	1.11506	5.00
P	01H	35.0	0.0	0.05453	0.08735	0.01580	0.02048	0.28739	0.02883	30.78663	0.06885	0.16720	0.14880	9.87	0.2503	32.5	1.12750	5.09
P	01I	40.0	0.0	0.04219	0.08893	0.01247	0.02250	0.24703	0.03401	23.44122	0.06465	0.12844	0.15325	9.77	0.3264	32.7	1.11517	5.27
P	01J	45.0	0.0	0.01325	0.03945	0.00500	0.01915	0.11221	0.03773	9.54349	0.06543	0.04013	0.08702	9.32	0.4611	39.9	1.06438	5.19
P	01K	50.0	0.0	0.01080	0.04248	0.00326	0.02311	0.07314	0.03708	6.37639	0.07527	0.03386	0.08651	9.21	0.7075	31.5	1.05168	5.06
	01L	60.0	0.0	0.01402	0.04392	0.00368	0.01942	0.11434	0.03709	7.30323	0.06734	0.04562	0.08098	8.45	0.5865	25.2	0.96461	4.99
	01M	75.0	0.0	0.03327	0.04344	0.01208	0.02149	0.28204	0.03532	21.85072	0.07349	0.09682	0.09793	9.91	0.2147	40.9	1.13213	5.48
	01N	80.0	0.0	0.01699	0.03765	0.00495	0.02064	0.13051	0.03590	9.12233	0.06399	0.05332	0.08715	8.83	0.4660	29.2	1.00825	5.37

Weighted Mean Age			10.07076 ±0.05424
Integrated			8.94529 ±8.92373
Plateau	**Steps**	C-K	10.12069 ±0.05691
Isochron			4.30337 ±4.29824

Sample: MB06-825 **Lab #**: 57538 **J**: 7.88E-04 ±7.88E-04 **IC**: 1.000 ±0.0000

Material: Amphibole **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01A	950.0	0.0	0.00159	0.00241	0.00002	0.00008	0.00120	0.00004	0.00260	0.00005	0.00483	0.00325	10.60	0.6471	10.2	7.47311	0.7
P	01B	1140.0	0.0	0.00140	0.00101	0.00003	0.00011	0.00118	0.00005	0.01778	0.00012	0.00390	0.00314	10.47	0.3826	18.3	7.38647	0.2
P	01C	1170.0	0.0	0.00026	0.00045	0.00002	0.00010	0.00039	0.00004	0.01992	0.00012	0.00032	0.00164	10.39	0.2960	67.1	7.32756	9.80E
P	01E	1225.0	0.0	0.00045	0.00053	0.00004	0.00009	0.00060	0.00004	0.03952	0.00020	0.00065	0.00186	9.89	0.2041	61.8	6.97052	8.29E
P	01F	1275.0	0.0	0.00035	0.00056	0.00003	0.00009	0.00059	0.00004	0.05803	0.00020	0.00057	0.00357	10.11	0.5255	60.0	7.12896	4.11E
P	01G	1300.0	0.0	0.00014	0.00043	4.83E-06	0.00005	0.00021	0.00003	0.05837	0.00018	0.00048	0.00186	8.83	1.8302	20.2	6.22263	6.45E
P	01H	1400.0	0.0	0.00011	0.00026	2.24E-06	0.00004	0.00013	0.00003	0.08342	0.00032	0.00046	0.00164	12.75	4.3128	15.4	8.99864	1.86E
P	01I	1700.0	0.0	-0.00002	0.00023	-9.01E-0	0.00002	3.44E-06	0.00003	-0.00070	0.00004	-0.00003	0.00206	12.43	9.5834	50.7	8.76642	0.1
	01J	1700.0	0.0	0.00025	0.00046	3.53E-06	0.00005	0.00140	0.00004	0.04432	0.00016	0.00079	0.00182	17.94	2.3834	16.7	12.67777	6.20E

Weighted Mean Age			10.16488 ±0.14317
Integrated			10.39063 ±10.36261
Plateau	**Steps**	A-H	10.13620 ±0.14345
Isochron			9.22778 ±9.20422

Sample: MB06-524 **Lab #**: 57018 **J**: 7.27E-04 ±5.19E-07 **IC**: 1.000 ±0.0000

Material: Hornblende **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01A	950.0	0.0	0.00212	0.00149	2.96E-06	0.00002	0.00133	0.00002	0.00181	0.00002	0.00713	0.00323	6.89	4.2600	0.7	5.26206	0.4
P	01B	1050.0	0.0	0.00011	0.00031	1.09E-06	0.00002	0.00009	0.00001	0.00085	0.00002	0.00036	0.00104	11.13	3.6988	8.1	8.50972	0.3
P	01C	1120.0	0.0	0.00030	0.00044	0.00001	0.00004	0.00029	0.00001	0.03042	0.00012	0.00068	0.00139	10.16	0.4180	33.8	7.76206	0.1
P	01D	1140.0	0.0	0.00037	0.00045	0.00004	0.00008	0.00057	0.00002	0.09716	0.00018	0.00022	0.00106	10.01	0.1058	87.4	7.64709	0.1
P	01E	1160.0	0.0	0.00033	0.00040	0.00002	0.00006	0.00031	0.00002	0.04049	0.00013	0.00072	0.00135	9.97	0.3212	37.9	7.61918	9.69E
P	01F	1180.0	0.0	0.00009	0.00022	5.36E-06	0.00003	0.00011	0.00001	0.02564	0.00009	0.00018	0.00101	10.43	0.7404	46.2	7.97168	4.95E
P	01G	1220.0	0.0	0.00005	0.00018	1.63E-07	0.00002	0.00003	0.00001	0.04792	0.00014	0.00019	0.00105	52.03	45.0181	7.1	40.22890	4.61E
	01H	1320.0	0.0	0.00012	0.00027	-3.57E-0	0.00002	0.00010	0.00001	0.04459	0.00012	0.00047	0.00113	32.54	10.4762	-8.8	25.02342	-2.25
	01I	1700.0	0.0	0.00036	0.00062	-2.61E-0	0.00002	0.00022	0.00002	-0.00163	0.00003	0.00129	0.00179	119.76	26.7109	-6.8	94.35661	3.77E

Weighted Mean Age			10.02206 ±0.09681
Integrated			9.52096 ±0.23194
Plateau	**Steps**	A-G	10.01850 ±0.09681
Isochron			9.52934 ±0.00682

Sample: MB07-141 **Lab #**: 57725 **J**: 7.38E-04 ±7.38E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	01A	550.0	0.0	0.01064	0.00450	8.88E-06	0.00006	0.00695	0.00006	0.00743	0.00010	0.03555	0.00996	20.30	4.4207	1.3	15.33237	0.3
P	01B	625.0	0.0	0.00320	0.00201	0.00002	0.00008	0.00220	0.00006	0.01809	0.00011	0.01031	0.00543	9.12	0.9525	4.8	6.86993	0.3

Sample: MB07-141 **Lab #**: 57725 **J**: 7.38E-04 ±7.38E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01C	700.0	0.0	0.00208	0.00119	0.00003	0.00008	0.00160	0.00004	0.02529	0.00014	0.00638	0.00389	10.44	0.6041	9.6	7.86325	0.2
P	01D	750.0	0.0	0.00095	0.00090	0.00002	0.00008	0.00077	0.00003	0.01506	0.00013	0.00282	0.00305	9.80	0.7335	12.7	7.37856	0.2
P	01E	800.0	0.0	0.00126	0.00099	0.00002	0.00006	0.00099	0.00003	0.01311	0.00009	0.00383	0.00356	10.11	0.8025	10.5	7.61258	0.3
P	01F	875.0	0.0	0.00182	0.00113	0.00002	0.00007	0.00124	0.00002	0.01468	0.00012	0.00568	0.00484	10.57	1.0263	8.1	7.96660	0.3
P	01G	975.0	0.0	0.00168	0.00106	0.00002	0.00007	0.00124	0.00004	0.01584	0.00011	0.00528	0.00537	9.02	1.1915	7.2	6.79148	0.2
P	01H	1075.0	0.0	0.00058	0.00072	0.00001	0.00006	0.00050	0.00003	0.01786	0.00011	0.00165	0.00227	9.53	0.6384	17.3	7.17656	0.2
	01I	1250.0	0.0	0.00664	0.00345	0.00007	0.00015	0.00497	0.00006	0.00171	0.00006	0.02100	0.00721	7.94	0.3959	6.5	5.98098	9.0
	01J	1700.0	0.0	0.00167	0.00110	2.69E-06	0.00004	0.00114	0.00003	0.03656	0.00016	0.00568	0.00335	0.78	5.0438	9.23E-02	0.58730	1.53E-02

Weighted Mean Age			9.20189 ±0.23681
Integrated			9.51548 ±9.49550
Plateau	**Steps**	B-H	9.98576 ±0.33506
Isochron			8.79181 ±8.77042

Sample: MB07-144 **Lab #**: 57736 **J**: 7.47E-04 ±7.47E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	01A	950.0	0.0	0.00056	0.00065	2.66E-06	0.00003	0.00040	0.00002	0.00447	0.00007	0.00168	0.00237	35.10	3.5267	12.4	26.28599	0.1
P	01B	1050.0	0.0	0.00059	0.00060	0.00006	0.00011	0.00091	0.00003	0.00019	0.00002	0.00038	0.00155	10.01	0.0982	81.0	7.44373	65.7
P	01C	1120.0	0.0	0.00134	0.00103	0.00016	0.00021	0.00215	0.00004	0.00068	0.00002	0.00059	0.00173	9.91	0.0461	87.1	7.36798	44.7
P	01D	1130.0	0.0	0.00009	0.00030	0.00001	0.00006	0.00016	0.00002	0.01689	0.00013	0.00005	0.00153	10.10	0.5560	87.2	7.50998	0.1
	01E	1145.0	0.0	0.00008	0.00027	9.25E-06	0.00006	0.00009	0.00002	0.01468	0.00011	0.00003	0.00110	11.00	0.4814	93.4	8.18553	0.1
	01F	1150.0	0.0	0.00007	0.00027	8.09E-06	0.00005	0.00013	0.00002	0.01353	0.00013	0.00005	0.00099	9.75	0.4923	83.3	7.25188	0.1
	01G	1160.0	0.0	0.00029	0.00047	0.00003	0.00010	0.00045	0.00002	0.05256	0.00025	0.00013	0.00111	11.13	0.1455	91.3	8.27853	0.1
	01H	1200.0	0.0	0.00010	0.00030	4.44E-06	0.00005	0.00006	0.00002	0.00734	0.00010	0.00007	0.00112	24.19	1.0364	80.6	18.05964	0.1
	01I	1700.0	0.0	0.00141	0.00087	2.27E-06	0.00004	0.00094	0.00003	0.00381	0.00009	0.00480	0.00477	-6.62	8.4224	-0.8	-4.89781	0.1

Weighted Mean Age			10.04644 ±0.03968
Integrated			10.42189 ±10.39222
Plateau	**Steps**	B-D	9.92620 ±0.04170
Isochron			9.93819 ±9.91087

Sample: MB07-174 **Lab #**: 57738 **J**: 7.47E-04 ±7.47E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01A	950.0	0.0	0.00035	0.00049	6.62E-07	0.00002	0.00021	0.00002	0.00300	0.00012	0.00118	0.00216	6.40	13.0932	0.9	4.75258	4.19E
P	01B	1050.0	0.0	0.00018	0.00042	0.00002	0.00007	0.00025	0.00002	0.01312	0.00016	0.00023	0.00140	10.55	0.3748	64.1	7.85085	0.2
P	01C	1120.0	0.0	0.00119	0.00086	0.00014	0.00017	0.00191	0.00004	-0.00799	0.00009	0.00067	0.00226	9.84	0.0678	83.2	7.31935	-3.2

Sample: MB07-174 **Lab #**: 57738 **J**: 7.47E-04 ±7.47E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
P	01D	1130.0	0.0	0.00018	0.00043	0.00002	0.00009	0.00031	0.00003	0.03746	0.00017	0.00002	0.00139	10.17	0.2354	100.6	7.56159	0.1
P	01E	1145.0	0.0	0.00014	0.00028	0.00002	0.00007	0.00026	0.00002	0.03045	0.00018	6.46E-06	0.00123	10.31	0.2655	103.5	7.66520	0.1
P	01F	1150.0	0.0	0.00022	0.00046	0.00003	0.00008	0.00038	0.00003	0.04714	0.00019	0.00005	0.00137	10.23	0.1973	97.9	7.60975	0.1
	01G	1160.0	0.0	0.00033	0.00055	0.00004	0.00009	0.00055	0.00003	-0.00124	0.00004	0.00013	0.00153	9.52	0.1523	88.0	7.08063	-6.2
	01H	1200.0	0.0	0.00006	0.00025	8.12E-06	0.00005	0.00009	0.00002	0.01355	0.00010	0.00004	0.00136	9.02	0.6681	88.1	6.71004	0.1
	01I	1700.0	0.0	0.00146	0.00097	8.70E-07	0.00003	0.00092	0.00003	0.00164	0.00006	0.00490	0.00369	10.74	16.9328	0.5	7.98813	0.1

Weighted Mean Age			9.87821 ±0.05521	
Integrated			9.90591 ±9.87917	
Plateau	**Steps**	A-F	9.91011 ±0.06238	
Isochron			9.79583 ±9.76929	

Sample: MB07-064 **Lab #**: 58630 **J**: 2.25E-03 ±2.25E-03 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	01A	550.0	0.0	0.01083	0.00870	0.00022	0.00045	0.06165	0.00023	0.02251	0.00016	0.03397	0.01099	14.58	0.6078	7.4	3.59927	1.1
P	01B	625.0	0.0	0.00156	0.00113	0.00039	0.00047	0.04417	0.00021	0.04171	0.00022	0.00210	0.00359	9.90	0.1121	61.0	2.44123	1.0
P	01C	700.0	0.0	0.00120	0.00106	0.00030	0.00053	0.02998	0.00016	0.07075	0.00025	0.00177	0.00316	9.69	0.1326	58.6	2.38919	0.5
P	01D	750.0	0.0	0.00075	0.00090	0.00013	0.00019	0.01347	0.00011	0.04158	0.00019	0.00152	0.00249	9.81	0.2299	42.5	2.41827	0.4
P	01E	800.0	0.0	0.00075	0.00091	0.00010	0.00015	0.00922	0.00010	0.03672	0.00020	0.00177	0.00343	9.97	0.4305	31.8	2.45816	0.3
P	01F	875.0	0.0	0.00088	0.00078	0.00008	0.00016	0.00813	0.00007	0.03578	0.00017	0.00232	0.00332	10.34	0.4867	23.8	2.55093	0.3
P	01G	975.0	0.0	0.00062	0.00088	0.00006	0.00014	0.00506	0.00008	0.02339	0.00018	0.00170	0.00270	9.49	0.5908	20.7	2.33888	0.3
	01H	1075.0	0.0	0.00066	0.00080	0.00004	0.00011	0.00472	0.00006	0.03596	0.00015	0.00204	0.00343	6.49	0.9335	10.7	1.59749	0.1
	01I	1250.0	0.0	0.00676	0.00433	0.00036	0.00050	0.04340	0.00022	0.00204	0.00004	0.02105	0.00714	6.14	0.2447	8.0	1.51188	19.5
	01J	1700.0	0.0	0.00379	0.00261	0.00002	0.00008	0.00349	0.00006	-0.00042	0.00004	0.01247	0.00728	23.08	4.8674	2.7	5.71211	-4.8

Weighted Mean Age			9.54970 ±0.07286	
Integrated			9.74477 ±9.71930	
Plateau	**Steps**	B-G	9.83165 ±0.07787	
Isochron			9.29882 ±9.27490	

Sample: MB06-508 **Lab #**: 56968 **J**: 7.63E-04 ±7.63E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	01A	950.0	0.0	0.00098	0.00101	6.56E-06	0.00006	0.00065	0.00002	0.00296	0.00003	0.00313	0.00279	12.76	1.7405	6.2	9.29788	0.4
	01B	1050.0	0.0	0.00036	0.00068	0.00002	0.00007	0.00037	0.00001	0.02032	0.00009	0.00088	0.00208	9.60	0.5541	29.7	6.99038	0.1
	01C	1100.0	0.0	0.00068	0.00079	0.00006	0.00014	0.00100	0.00004	0.09175	0.00017	0.00083	0.00206	10.31	0.1429	67.8	7.50379	0.1
P	01D	1110.0	0.0	0.00451	0.00272	0.00053	0.00044	0.00744	0.00005	0.00667	0.00002	0.00239	0.00251	9.80	0.0219	84.3	7.13847	13.2

Sample: MB06-508 **Lab #**: 56968 **J**: 7.63E-04 ±7.63E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
P	01E	1250.0	0.0	0.00016	0.00070	0.00001	0.00008	0.00021	0.00002	0.02210	0.00010	0.00031	0.00500	8.83	1.8176	45.2	6.42451	7.97E-02
P	01F	1700.0	0.0	0.00012	0.00050	3.32E-06	0.00007	0.00011	0.00001	0.01164	0.00007	0.00035	0.00504	5.77	6.2027	12.0	4.19320	4.47E-02

Weighted Mean Age			9.81634 ±0.02163	
Integrated			9.84130 ±9.81468	
Plateau	**Steps**	D-F	9.80479 ±0.02190	
Isochron			9.78235 ±9.75587	

Sample: MB07-169 **Lab #**: 58785 **J**: 1.00E-03 ±1.00E-03 **IC**: 1.000 ±0.0000

Material: Wr **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/C
P	01A	550.0	0.0	-0.00002	0.00025	-1.09E-0	0.00002	-0.00002	0.00001	-0.00003	0.00003	-0.00007	0.00121	25.67	58.7124	6.9	14.31669	0.2
P	01B	625.0	0.0	0.00413	0.00248	0.00020	0.00026	0.00444	0.00006	0.00102	0.00004	0.01043	0.00556	9.61	0.1519	25.4	5.33642	11.4
P	01C	700.0	0.0	0.00385	0.00327	0.00044	0.00048	0.00668	0.00008	0.00192	0.00004	0.00511	0.00338	9.67	0.0445	60.9	5.36811	13.4
P	01D	750.0	0.0	0.00323	0.00202	0.00042	0.00052	0.00629	0.00008	0.00176	0.00005	0.00328	0.00357	9.77	0.0477	70.1	5.42389	14.0
P	01E	800.0	0.0	0.00347	0.00292	0.00048	0.00066	0.00743	0.00007	0.00219	0.00005	0.00305	0.00316	9.64	0.0390	74.1	5.35307	12.9
P	01F	875.0	0.0	0.00372	0.00225	0.00056	0.00063	0.00835	0.00007	0.00002	0.00010	0.00241	0.00312	9.65	0.0323	80.9	5.36016	1.36E
P	01G	975.0	0.0	0.00301	0.00264	0.00045	0.00050	0.00641	0.00007	0.00329	0.00005	0.00202	0.00265	9.68	0.0347	80.3	5.37499	8.1
P	01H	1075.0	0.0	0.00318	0.00289	0.00040	0.00058	0.00572	0.00008	0.00491	0.00007	0.00351	0.00336	9.62	0.0483	67.5	5.33974	4.8
P	01I	1250.0	0.0	0.00841	0.00578	0.00072	0.00068	0.01266	0.00009	0.02511	0.00017	0.01524	0.00725	9.76	0.0559	46.7	5.42165	1.7
	01J	1700.0	0.0	0.00404	0.00269	0.00042	0.00047	0.00667	0.00007	0.01189	0.00012	0.00587	0.00532	9.87	0.0689	57.3	5.48273	2.1

Weighted Mean Age			9.68466 ±0.01509	
Integrated			9.70468 ±9.67865	
Plateau	**Steps**	A-I	9.66772 ±0.01609	
Isochron			9.65687 ±9.63107	

Sample: MB06-539 **Lab #**: 61612 **J**: 4.88E-03 ±4.88E-03 **IC**: 1.000 ±0.0000

Material: Plagioclase **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	01A	19.0	0.0	0.13105	0.05040	0.04671	0.02567	2.77348	0.03388	14.32559	0.06828	0.30539	0.21303	8.73	0.1187	35.4	0.99492	0.3
P	01B	20.0	0.0	0.17611	0.04990	0.15349	0.03344	2.09604	0.03559	55.64731	0.07028	0.10343	0.10582	9.58	0.0183	95.0	1.09130	0.3
P	01C	21.0	0.0	0.07282	0.04169	0.06435	0.02262	0.86115	0.03136	23.98973	0.06258	0.03878	0.09295	9.66	0.0382	97.2	1.10095	0.3
P	01D	22.0	0.0	0.04323	0.04150	0.03839	0.02330	0.52782	0.03607	14.40587	0.07213	0.02428	0.08283	9.55	0.0574	96.5	1.08786	0.3
P	01E	25.0	0.0	0.04345	0.04288	0.03792	0.02381	0.45728	0.03926	14.72980	0.06618	0.02661	0.08263	9.59	0.0580	95.3	1.09264	0.3
P	01F	30.0	0.0	0.03216	0.04022	0.02753	0.02075	0.36782	0.03519	11.00783	0.06989	0.02034	0.08324	9.73	0.0802	94.8	1.10863	0.2
P	01G	35.0	0.0	0.01992	0.03836	0.01690	0.01943	0.20131	0.02962	7.12138	0.06035	0.01370	0.07337	9.72	0.1154	93.8	1.10710	0.2
P	01H	40.0	0.0	0.01332	0.03941	0.01148	0.01699	0.14784	0.03369	5.12366	0.06788	0.00857	0.06493	9.81	0.1518	96.3	1.11770	0.2

Sample: MB06-539 **Lab #**: 61612 **J**: 4.88E-03 ±4.88E-03 **IC**: 1.000 ±0.0000

Material: Plagioclase **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01I	45.0	0.0	0.01240	0.03659	0.00896	0.01943	0.19960	0.03456	4.15104	0.07143	0.01361	0.06418	9.84	0.1923	80.9	1.12096	0.2
P	01J	50.0	0.0	0.00870	0.03747	0.00732	0.01800	0.12167	0.03585	3.40100	0.06917	0.00741	0.06289	9.44	0.2307	90.4	1.07585	0.2
P	01K	75.0	0.0	0.04045	0.04018	0.03022	0.02193	0.44424	0.03796	14.04231	0.07102	0.04300	0.08698	9.69	0.0763	82.4	1.10410	0.2

Weighted Mean Age			9.58940	±0.01438
Integrated			9.53001	±9.50492
Plateau	**Steps**	B-K	9.59891	±0.01476
Isochron			8.32604	±8.30685

Sample: MB07-015 **Lab #**: 58616 **J**: 2.19E-03 ±2.19E-03 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01A	550.0	0.0	0.01445	0.00659	0.00060	0.00064	0.07700	0.00023	0.01451	0.00011	0.04368	0.01615	10.21	0.3177	10.7	2.59118	5.1
P	01B	625.0	0.0	0.00339	0.00218	0.00022	0.00036	0.01840	0.00013	0.01661	0.00017	0.00976	0.00548	9.28	0.2948	15.2	2.35579	1.6
P	01C	700.0	0.0	0.00197	0.00151	0.00012	0.00020	0.00988	0.00011	0.02084	0.00016	0.00579	0.00434	9.06	0.4349	13.6	2.29961	0.7
P	01D	750.0	0.0	0.00144	0.00131	0.00009	0.00019	0.00926	0.00015	0.02808	0.00016	0.00414	0.00396	9.35	0.4944	15.5	2.37254	0.4
P	01E	800.0	0.0	0.00218	0.00232	0.00009	0.00017	0.01439	0.00013	0.03775	0.00019	0.00656	0.00522	10.51	0.6581	11.4	2.66862	0.3
P	01F	875.0	0.0	0.00275	0.00244	0.00014	0.00020	0.02117	0.00014	0.04701	0.00021	0.00822	0.00641	9.74	0.5456	12.4	2.47273	0.4
	01G	975.0	0.0	0.00432	0.00329	0.00016	0.00021	0.01219	0.00013	0.05745	0.00023	0.01310	0.00659	11.36	0.4755	10.9	2.88409	0.4
	01H	1075.0	0.0	0.00203	0.00167	0.00012	0.00018	0.00600	0.00008	0.04856	0.00020	0.00595	0.00488	9.39	0.4691	14.3	2.38229	0.3
	01I	1250.0	0.0	0.00604	0.00309	0.00029	0.00047	0.01729	0.00015	0.00114	0.00003	0.01850	0.00816	7.59	0.3262	9.4	1.92489	32.3
	01J	1700.0	0.0	0.00637	0.00331	0.00012	0.00020	0.01044	0.00010	0.00161	0.00003	0.02127	0.00984	2.99	0.9946	1.4	0.75751	9.0

Weighted Mean Age			9.28375	±0.13382
Integrated			9.19937	±9.17719
Plateau	**Steps**	A-F	9.61883	±0.17380
Isochron			10.05872	±10.03073

Sample: MB07-017 **Lab #**: 57729 **J**: 7.50E-04 ±7.50E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01A	950.0	0.0	0.00033	0.00047	2.14E-06	0.00003	0.00026	0.00002	0.00188	0.00004	0.00105	0.00172	9.98	3.2098	4.8	7.39539	0.2
P	01B	1050.0	0.0	0.00003	0.00015	6.43E-07	0.00002	0.00002	0.00001	0.00095	0.00003	0.00009	0.00093	10.07	5.7513	15.5	7.46327	0.1
P	01C	1120.0	0.0	0.00040	0.00044	0.00004	0.00010	0.00058	0.00003	0.00011	0.00002	0.00040	0.00142	9.71	0.1484	70.3	7.19794	71.6
P	01D	1130.0	0.0	0.00031	0.00046	0.00004	0.00010	0.00047	0.00002	-0.00017	0.00003	0.00019	0.00123	9.44	0.1383	82.0	6.99310	-41.3
P	01E	1145.0	0.0	0.00055	0.00066	0.00007	0.00014	0.00089	0.00004	0.00003	0.00003	0.00030	0.00146	9.50	0.0917	83.8	7.03819	417.7
P	01F	1150.0	0.0	0.00023	0.00038	0.00003	0.00008	0.00040	0.00002	-0.00025	0.00003	0.00007	0.00120	9.94	0.1685	90.9	7.36439	-22.7
P	01G	1160.0	0.0	0.00024	0.00042	0.00003	0.00008	0.00041	0.00002	-0.00024	0.00003	0.00009	0.00118	9.82	0.1671	88.5	7.28099	-23.3

Sample: MB07-017 **Lab #**: 57729 **J**: 7.50E-04 ±7.50E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
P	01H	1200.0	0.0	0.00039	0.00058	0.00004	0.00010	0.00063	0.00003	6.76E-07	0.00003	0.00027	0.00156	9.50	0.1408	80.1	7.03685	1.30E+0
	01I	1700.0	0.0	0.00132	0.00092	1.74E-06	0.00004	0.00091	0.00003	0.03229	0.00019	0.00438	0.00393	28.61	9.2657	2.7	21.31307	1.02E-0

Weighted Mean Age			9.59816 ±0.05438	
Integrated			9.74766 ±9.72180	
Plateau	**Steps**	A-H	9.61532 ±0.05896	
Isochron			9.57616 ±9.55079	

Sample: MB06-524 **Lab #**: 57018 **J**: 7.27E-04 ±5.19E-07 **IC**: 1.000 ±0.0000

Material: Hornblende **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
P	02A	950.0	0.0	0.00400	0.00296	8.22E-06	0.00004	0.00263	0.00003	0.01872	0.00006	0.01336	0.00355	8.41	1.7390	1.3	6.42231	0.1
P	02B	1050.0	0.0	0.00013	0.00032	1.82E-06	0.00002	0.00013	0.00001	0.01435	0.00008	0.00041	0.00111	9.66	2.3876	10.1	7.37727	2.98E-02
P	02C	1120.0	0.0	0.00048	0.00071	0.00002	0.00005	0.00050	0.00002	0.05880	0.00013	0.00110	0.00127	9.76	0.2253	35.1	7.46025	9.17E-02
P	02D	1130.0	0.0	0.00081	0.00085	0.00009	0.00010	0.00121	0.00002	0.00079	0.00002	0.00059	0.00109	9.48	0.0511	78.3	7.24271	26.3
P	02E	1140.0	0.0	0.00153	0.00081	0.00018	0.00018	0.00244	0.00003	0.00181	0.00002	0.00075	0.00215	9.45	0.0470	85.5	7.21654	23.8
P	02F	1150.0	0.0	0.00084	0.00066	0.00010	0.00011	0.00130	0.00002	0.00095	0.00002	0.00047	0.00092	9.48	0.0389	83.6	7.24647	24.4
P	02G	1160.0	0.0	0.00029	0.00044	0.00003	0.00007	0.00041	0.00001	0.07809	0.00016	0.00033	0.00096	9.73	0.1410	71.8	7.43380	8.64E-02
	02H	1200.0	0.0	0.00050	0.00064	0.00004	0.00007	0.00065	0.00002	0.00057	0.00002	0.00090	0.00144	8.56	0.1550	47.4	6.53900	15.3
	02I	1700.0	0.0	0.00030	0.00047	2.56E-06	0.00002	0.00025	0.00002	0.16666	0.00027	0.00109	0.00160	5.27	2.9305	3.1	4.02188	3.30E-03

Weighted Mean Age		9.45897 ±0.02491	
Integrated		9.38521 ±0.04813	
Plateau	**Steps**	A-G	9.47497 ±0.02565
Isochron		9.44816 ±0.00677	

Sample: MB06-634 **Lab #**: 56970 **J**: 7.61E-04 ±7.61E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	01A	950.0	0.0	0.00176	0.00107	8.31E-06	0.00005	0.00120	0.00002	0.00273	0.00006	0.00568	0.00382	13.75	1.8588	4.7	10.05941	0.5
	01B	1050.0	0.0	0.00007	0.00020	3.21E-06	0.00003	0.00008	0.00001	0.00222	0.00004	0.00014	0.00129	14.01	1.6235	44.5	10.25026	0.2
P	01C	1120.0	0.0	0.00082	0.00069	0.00008	0.00010	0.00116	0.00003	0.00085	0.00003	0.00094	0.00180	9.65	0.0959	66.3	7.05343	13.5
P	01D	1140.0	0.0	0.00086	0.00050	0.00009	0.00011	0.00130	0.00002	0.00063	0.00002	0.00084	0.00236	9.47	0.1083	71.2	6.92311	20.9
P	01E	1160.0	0.0	0.00070	0.00055	0.00009	0.00010	0.00116	0.00002	0.00061	0.00002	0.00027	0.00323	9.62	0.1489	88.4	7.03134	21.3
P	01F	1180.0	0.0	0.00220	0.00135	0.00027	0.00027	0.00353	0.00003	0.00290	0.00003	0.00118	0.00256	9.43	0.0403	84.2	6.89053	13.7
P	01G	1220.0	0.0	0.00028	0.00043	0.00003	0.00007	0.00045	0.00001	0.00011	0.00002	0.00026	0.00222	8.90	0.2884	72.3	6.50306	40.3
P	01H	1320.0	0.0	5.76E-06	0.00025	6.16E-07	0.00002	-7.96E-0	9.47E-06	0.01595	0.00008	0.00002	0.00217	13.30	15.1106	97.8	9.72824	5.37E
P	01I	1700.0	0.0	0.00009	0.00028	4.45E-07	0.00002	0.00006	9.73E-06	0.01161	0.00006	0.00032	0.00223	4.74	21.6299	1.6	3.45617	5.33E

Sample: MB06-634 **Lab #**: 56970 **J**: 7.61E-04 ±7.61E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
Weighted Mean Age														9.46790 ±0.03394				
Integrated														9.55773 ±9.53263				
Plateau												**Steps**	C-I	9.46450 ±0.03395				
Isochron														9.41984 ±9.39529				

Sample: MB06-507 **Lab #**: 56955 **J**: 7.68E-04 ±7.68E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	01A	550.0	0.0	0.01001	0.00307	8.66E-06	0.00007	0.00645	0.00006	0.04091	0.00009	0.03395	0.00780	-1.60	3.7672	-9.91E-0	-1.15752	3.18E-02
	01B	625.0	0.0	0.00555	0.00239	0.00007	0.00012	0.00417	0.00003	0.00339	0.00004	0.01698	0.00504	10.06	0.2812	9.7	7.28107	3.3
	01C	700.0	0.0	0.00314	0.00139	0.00015	0.00015	0.00323	0.00005	0.01033	0.00006	0.00709	0.00375	9.63	0.1027	33.4	6.96831	2.2
	01D	750.0	0.0	0.00376	0.00188	0.00031	0.00029	0.00504	0.00004	0.01342	0.00007	0.00559	0.00308	9.56	0.0429	56.1	6.91274	3.5
P	01E	800.0	0.0	0.00150	0.00097	0.00013	0.00014	0.00222	0.00003	0.00630	0.00006	0.00200	0.00206	9.44	0.0643	60.8	6.82950	3.2
P	01F	875.0	0.0	0.00296	0.00175	0.00021	0.00019	0.00381	0.00004	0.01086	0.00007	0.00521	0.00298	9.52	0.0604	48.1	6.88628	2.9
P	01G	975.0	0.0	0.00290	0.00194	0.00022	0.00023	0.00380	0.00004	0.01014	0.00007	0.00476	0.00255	9.36	0.0497	51.5	6.76899	3.3
P	01H	1075.0	0.0	0.00350	0.00155	0.00031	0.00036	0.00461	0.00005	0.02812	0.00011	0.00485	0.00301	9.40	0.0423	59.3	6.79809	1.6
P	01I	1250.0	0.0	0.00537	0.00225	0.00041	0.00030	0.00664	0.00005	0.00052	0.00001	0.00861	0.00386	9.48	0.0395	52.6	6.85869	119.7
	01J	1700.0	0.0	0.00362	0.00193	0.00027	0.00024	0.00439	0.00003	0.03182	0.00012	0.00603	0.00293	9.62	0.0470	51.1	6.95971	1.3
Weighted Mean Age														9.48956 ±0.01761				
Integrated														9.47152 ±9.44675				
Plateau												**Steps**	E-I	9.41585 ±0.02599				
Isochron														9.48382 ±9.45893				

Sample: MB06-565 **Lab #**: 57548 **J**: 7.91E-04 ±7.91E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	01A	550.0	0.0	0.01010	0.00360	0.00002	0.00010	0.00683	0.00012	0.00449	0.00008	0.03359	0.00848	12.50	1.8221	1.7	8.78809	0.3
	01B	625.0	0.0	0.00026	0.00056	0.00003	0.00010	0.00052	0.00004	0.00471	0.00007	0.00025	0.00170	7.79	0.2157	71.9	5.47053	0.6
P	01C	700.0	0.0	0.00031	0.00054	0.00004	0.00011	0.00065	0.00004	0.00806	0.00007	0.00021	0.00166	9.53	0.1869	81.8	6.68955	0.4
P	01D	750.0	0.0	0.00026	0.00039	0.00003	0.00011	0.00043	0.00003	0.00866	0.00007	0.00019	0.00139	9.09	0.1808	79.9	6.38470	0.3
P	01E	800.0	0.0	0.00038	0.00051	0.00004	0.00013	0.00053	0.00004	0.01198	0.00009	0.00036	0.00149	9.44	0.1554	73.3	6.62761	0.3
P	01F	875.0	0.0	0.00037	0.00052	0.00004	0.00012	0.00059	0.00003	0.01209	0.00009	0.00030	0.00151	9.45	0.1505	77.4	6.63931	0.3
P	01G	975.0	0.0	0.00043	0.00050	0.00005	0.00011	0.00068	0.00004	0.01427	0.00014	0.00046	0.00171	9.53	0.1608	70.5	6.69111	0.3
	01H	1075.0	0.0	0.00024	0.00047	0.00002	0.00008	0.00038	0.00004	0.00873	0.00011	0.00042	0.00156	8.44	0.3280	49.8	5.92636	0.2
	01I	1250.0	0.0	0.00072	0.00077	0.00004	0.00010	0.00111	0.00003	0.00052	0.00003	0.00237	0.00280	0.84	0.2999	3.2	0.58795	6.0

Sample: MB06-565 **Lab #**: 57548 **J**: 7.91E-04 ±7.91E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
01J	1700.0	0.0	0.00019	0.00044	3.63E-06	0.00004	0.00028	0.00003	0.03136	0.00015	0.00059	0.00165	13.78	2.0551	17.7	9.69233	8.83E-03

Weighted Mean Age							8.80863	±0.06654	
Integrated							8.36067	±8.34241	
Plateau				**Steps**	C-G		9.38703	±0.08311	
Isochron							8.63335	±8.61273	

Sample: MB07-030 **Lab #**: 58769 **J**: 9.48E-04 ±9.48E-04 **IC**: 1.000 ±0.0000

Material: Wr **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/C
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01A	550.0	0.0	-0.00003	0.00036	-2.84E-0	0.00004	-0.00006	0.00004	-0.00006	0.00002	-0.00014	0.00189	-63.31	36.3843	-34.0	-36.3853	0.3
P	01B	625.0	0.0	0.01291	0.00862	0.00012	0.00019	0.00959	0.00007	0.00480	0.00008	0.04145	0.01789	9.65	0.7752	5.1	5.65616	1.5
P	01C	700.0	0.0	0.00071	0.00105	0.00005	0.00012	0.00097	0.00004	0.00193	0.00005	0.00157	0.00316	9.14	0.3424	35.2	5.35607	1.5
P	01D	750.0	0.0	0.00298	0.00208	0.00034	0.00051	0.00523	0.00006	0.02055	0.00016	0.00387	0.00403	9.29	0.0623	62.1	5.44957	1.0
P	01E	800.0	0.0	0.00202	0.00202	0.00025	0.00038	0.00383	0.00008	0.00017	0.00034	0.00209	0.00328	9.40	0.0680	69.3	5.51304	92.5
P	01F	875.0	0.0	0.00199	0.00157	0.00024	0.00038	0.00360	0.00008	0.00074	0.00033	0.00224	0.00329	9.30	0.0705	66.7	5.45517	20.0
P	01G	975.0	0.0	0.00146	0.00132	0.00020	0.00025	0.00278	0.00007	0.01076	0.00008	0.00131	0.00261	9.39	0.0691	74.0	5.50871	1.1
P	01H	1075.0	0.0	0.00091	0.00088	0.00013	0.00020	0.00190	0.00005	0.00053	0.00026	0.00063	0.00252	9.30	0.0975	79.5	5.45003	15.2
P	01I	1175.0	0.0	0.00152	0.00122	0.00018	0.00017	0.00269	0.00008	0.02406	0.00014	0.00198	0.00313	9.09	0.0904	62.5	5.32864	0.4
	01J	1250.0	0.0	0.00476	0.00312	0.00056	0.00064	0.00845	0.00007	0.00435	0.00029	0.00591	0.00456	9.11	0.0428	63.4	5.34081	7.9
	01K	1450.0	0.0	0.00145	0.00137	0.00014	0.00024	0.00259	0.00015	0.03785	0.00019	0.00242	0.00346	9.17	0.1271	52.5	5.37869	0.2
	01L	1700.0	0.0	0.00016	0.00059	0.00002	0.00010	0.00035	0.00003	0.01023	0.00011	0.00013	0.00202	9.18	0.4180	81.3	5.37953	0.1

Weighted Mean Age							9.24333	±0.02401	
Integrated							9.26863	±9.24499	
Plateau				**Steps**	A-I		9.33996	±0.03163	
Isochron							9.20454	±9.18110	

Sample: MB07-119 **Lab #**: 57723 **J**: 7.64E-04 ±7.64E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01A	550.0	0.0	0.01120	0.00576	9.53E-06	0.00006	0.00731	0.00009	0.00190	0.00004	0.03748	0.01082	17.30	4.6541	1.1	12.61250	1.1
P	01B	625.0	0.0	0.00426	0.00290	0.00004	0.00012	0.00315	0.00006	0.01185	0.00010	0.01346	0.00705	8.76	0.6463	6.7	6.36984	0.8
P	01C	700.0	0.0	0.00189	0.00100	0.00005	0.00010	0.00160	0.00004	0.01140	0.00011	0.00528	0.00361	9.35	0.3034	17.5	6.80273	0.9
P	01D	750.0	0.0	0.00073	0.00070	0.00002	0.00006	0.00067	0.00003	0.00634	0.00008	0.00199	0.00251	8.87	0.4746	19.2	6.45550	0.7
P	01E	800.0	0.0	0.00106	0.00102	0.00003	0.00008	0.00094	0.00003	0.01025	0.00009	0.00300	0.00292	9.44	0.4546	16.9	6.86513	0.5
P	01F	875.0	0.0	0.00224	0.00176	0.00004	0.00010	0.00174	0.00005	0.01622	0.00013	0.00660	0.00515	9.83	0.5146	13.0	7.14870	0.5

Sample: MB07-119 **Lab #**: 57723 **J**: 7.64E-04 ±7.64E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
P	01G	975.0	0.0	0.00201	0.00135	0.00004	0.00011	0.00173	0.00004	0.02153	0.00014	0.00582	0.00458	9.31	0.4277	14.7	6.77460	0.4
P	01H	1075.0	0.0	0.00253	0.00186	0.00005	0.00011	0.00204	0.00006	0.03666	0.00019	0.00759	0.00470	8.67	0.4166	11.5	6.30616	0.3
P	01I	1250.0	0.0	0.01619	0.00757	0.00019	0.00024	0.01194	0.00012	0.00217	0.00002	0.05037	0.01338	9.71	0.2980	8.1	7.06590	18.3
P	01J	1700.0	0.0	0.00161	0.00121	2.90E-06	0.00005	0.00110	0.00005	0.01774	0.00011	0.00546	0.00445	1.01	6.3274	0.1	0.73634	3.46E-02

Weighted Mean Age			9.32554 ±0.14304
Integrated			9.50132 ±9.47823
Plateau	**Steps**	A-J	9.32979 ±0.14308
Isochron			8.97960 ±8.95728

Sample: MB06-587 **Lab #**: 56965 **J**: 7.65E-04 ±7.65E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	01A	550.0	0.0	0.00930	0.00281	3.65E-06	0.00005	0.00592	0.00005	0.00447	0.00004	0.03145	0.00639	2.78	7.2210	7.90E-02	2.01702	0.1
	01B	625.0	0.0	0.00322	0.00140	0.00007	0.00009	0.00272	0.00004	0.00824	0.00005	0.00971	0.00396	7.34	0.2451	10.9	5.32842	1.1
P	01C	700.0	0.0	0.00435	0.00207	0.00009	0.00010	0.00361	0.00006	0.02413	0.00012	0.01271	0.00454	9.07	0.2055	13.8	6.59091	0.5
P	01D	750.0	0.0	0.00144	0.00076	0.00005	0.00008	0.00144	0.00002	0.01944	0.00007	0.00363	0.00283	9.57	0.2152	26.0	6.95003	0.4
P	01E	800.0	0.0	0.00152	0.00090	0.00005	0.00007	0.00126	0.00002	0.01433	0.00008	0.00407	0.00308	9.63	0.2728	21.2	6.99274	0.5
P	01F	875.0	0.0	0.00563	0.00195	0.00007	0.00010	0.00426	0.00003	0.02199	0.00010	0.01746	0.00404	9.04	0.2263	8.6	6.56230	0.5
P	01G	975.0	0.0	0.00829	0.00245	0.00009	0.00010	0.00607	0.00004	0.02544	0.00009	0.02612	0.00595	8.92	0.2759	6.9	6.47610	0.5
P	01H	1075.0	0.0	0.01438	0.00435	0.00016	0.00015	0.01069	0.00006	0.00051	0.00002	0.04499	0.00696	9.37	0.1816	7.5	6.80585	43.9
	01I	1250.0	0.0	0.01168	0.00325	0.00017	0.00017	0.00915	0.00006	0.00312	0.00002	0.03616	0.00667	8.10	0.1617	8.6	5.88423	7.6
	01J	1700.0	0.0	0.00043	0.00049	4.33E-06	0.00004	0.00030	0.00001	0.03658	0.00010	0.00140	0.00202	9.16	1.9537	6.6	6.65644	1.62E-02

Weighted Mean Age			8.83730 ±0.07518
Integrated			8.78338 ±8.76246
Plateau	**Steps**	C-H	9.24096 ±0.10460
Isochron			8.88648 ±8.86463

Sample: MB07-008 **Lab #**: 57719 **J**: 7.70E-04 ±7.70E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
P	01A	550.0	0.0	0.00943	0.00432	4.27E-06	0.00006	0.00606	0.00009	0.00366	0.00006	0.03186	0.01134	6.01	10.9738	0.2	4.33189	0.3
P	01B	625.0	0.0	0.00265	0.00246	0.00001	0.00007	0.00185	0.00005	0.01267	0.00010	0.00868	0.00552	9.39	1.6777	3.5	6.77890	0.2
P	01C	700.0	0.0	0.00104	0.00080	0.00001	0.00007	0.00074	0.00004	0.01280	0.00013	0.00319	0.00352	10.80	1.0807	10.0	7.80054	0.2
P	01D	750.0	0.0	0.00054	0.00073	6.90E-06	0.00004	0.00044	0.00011	0.00643	0.00007	0.00167	0.00224	9.44	1.3393	8.7	6.81155	0.2

Sample: MB07-008 **Lab #**: 57719 **J**: 7.70E-04 ±7.70E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	$^{40}Ar^*/^{39}Ar_K$	K/Ca
P	01E	800.0	0.0	0.00111	0.00088	8.06E-06	0.00005	0.00085	0.00011	0.00695	0.00007	0.00357	0.00382	9.99	1.9459	5.2	7.21158	0.3
P	01F	875.0	0.0	0.00316	0.00216	0.00002	0.00007	0.00226	0.00012	0.01215	0.00011	0.01022	0.00610	11.65	1.4852	4.5	8.41089	0.3
P	01G	975.0	0.0	0.00236	0.00218	0.00002	0.00007	0.00175	0.00012	0.01635	0.00010	0.00747	0.00532	10.80	1.0604	6.8	7.79535	0.3
P	01H	1075.0	0.0	0.00105	0.00087	0.00002	0.00007	0.00093	0.00011	0.02679	0.00012	0.00321	0.00334	8.34	0.7460	10.5	6.01997	0.1
P	01I	1250.0	0.0	0.01402	0.00795	0.00014	0.00018	0.01029	0.00016	0.00225	0.00002	0.04451	0.01075	8.94	0.3352	6.2	6.45460	13.0
P	01J	1700.0	0.0	0.00191	0.00120	1.06E-06	0.00004	0.00139	0.00011	0.00635	0.00006	0.00643	0.00463	13.65	18.0898	0.5	9.86569	3.57E-0

Weighted Mean Age			9.23410 ±0.26644
Integrated			9.39780 ±9.37990
Plateau	**Steps**	A-J	9.23314 ±0.26647
Isochron			8.90346 ±8.88152

Sample: MB06-612 **Lab #**: 56960 **J**: 7.68E-04 ±7.68E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	$^{40}Ar^*/^{39}Ar_K$	K/Ca
P	01A	550.0	0.0	0.01194	0.00419	2.48E-06	0.00003	0.00765	0.00004	0.00401	0.00005	0.04031	0.00733	15.64	12.2445	0.2	11.33980	9.21E-0
P	01B	625.0	0.0	0.00252	0.00139	0.00010	0.00011	0.00238	0.00003	0.00254	0.00004	0.00640	0.00279	9.15	0.1211	25.1	6.62173	5.6
P	01C	700.0	0.0	0.00385	0.00166	0.00038	0.00035	0.00548	0.00005	0.00904	0.00006	0.00451	0.00272	9.21	0.0311	65.5	6.66701	6.2
P	01D	750.0	0.0	0.00266	0.00154	0.00030	0.00034	0.00411	0.00004	0.00971	0.00005	0.00222	0.00223	9.21	0.0328	75.4	6.66812	4.6
P	01E	800.0	0.0	0.00172	0.00085	0.00020	0.00019	0.00272	0.00004	0.00767	0.00004	0.00132	0.00243	9.26	0.0511	77.5	6.70021	3.9
P	01F	875.0	0.0	0.00208	0.00126	0.00024	0.00026	0.00317	0.00003	0.01196	0.00005	0.00180	0.00216	9.11	0.0395	74.6	6.59662	2.9
	01G	975.0	0.0	0.00190	0.00097	0.00023	0.00024	0.00313	0.00003	0.01732	0.00008	0.00136	0.00210	8.96	0.0385	79.1	6.48653	2.0
	01H	1075.0	0.0	0.00203	0.00105	0.00023	0.00029	0.00330	0.00004	0.03978	0.00011	0.00202	0.00216	8.72	0.0409	71.1	6.31243	0.9
	01I	1250.0	0.0	0.00542	0.00204	0.00031	0.00031	0.00628	0.00005	0.00068	0.00007	0.01155	0.00405	8.83	0.0540	37.0	6.38793	69.1
	01J	1700.0	0.0	0.00203	0.00095	0.00014	0.00015	0.00248	0.00009	0.04370	0.00012	0.00393	0.00278	8.97	0.0846	43.5	6.48920	0.5

Weighted Mean Age			9.07124 ±0.01442
Integrated			9.05731 ±9.03465
Plateau	**Steps**	A-F	9.21740 ±0.02036
Isochron			9.05227 ±9.02960

Sample: MB07-022 **Lab #**: 57720 **J**: 7.67E-04 ±7.67E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	$^{40}Ar^*/^{39}Ar_K$	K/Ca
P	01A	550.0	0.0	0.00130	0.00099	0.00004	0.00012	0.00130	0.00004	0.00505	0.00007	0.00342	0.00325	9.19	0.3077	22.3	6.66282	1.9
P	01B	625.0	0.0	0.00103	0.00092	0.00014	0.00020	0.00184	0.00005	0.01637	0.00011	0.00042	0.00187	9.08	0.0571	88.4	6.58280	1.8

Sample: MB07-022 **Lab #**: 57720 **J**: 7.67E-04 ±7.67E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	$^{40}Ar^*/^{39}Ar_K$	K/Ca
P	01C	700.0	0.0	0.00124	0.00090	0.00018	0.00024	0.00232	0.00004	0.02486	0.00016	0.00022	0.00184	9.16	0.0446	95.0	6.63662	1.5
P	01D	750.0	0.0	0.00079	0.00074	0.00011	0.00016	0.00143	0.00003	0.01882	0.00010	0.00018	0.00143	9.19	0.0552	93.8	6.66193	1.3
P	01E	800.0	0.0	0.00064	0.00075	0.00009	0.00014	0.00117	0.00004	0.01789	0.00011	0.00018	0.00135	9.20	0.0644	92.4	6.66517	1.1
P	01F	875.0	0.0	0.00063	0.00079	0.00008	0.00015	0.00103	0.00003	0.02239	0.00017	0.00028	0.00152	9.21	0.0779	87.6	6.67709	0.8
P	01G	975.0	0.0	0.00059	0.00073	0.00007	0.00012	0.00101	0.00003	0.02413	0.00011	0.00037	0.00153	9.02	0.0861	82.4	6.53751	0.7
	01H	1075.0	0.0	0.00047	0.00053	0.00005	0.00012	0.00075	0.00003	0.03507	0.00021	0.00049	0.00167	8.56	0.1296	70.9	6.20697	0.3
	01I	1250.0	0.0	0.00083	0.00086	0.00006	0.00012	0.00112	0.00003	0.00099	0.00002	0.00185	0.00224	6.81	0.1618	33.9	4.93357	12.3
	01J	1700.0	0.0	0.00169	0.00116	3.15E-06	0.00003	0.00118	0.00005	0.01178	0.00010	0.00572	0.00475	-0.82	6.2115	-0.1	-0.59364	5.73E-02

Weighted Mean Age 9.07984 ±0.02366

Integrated 8.91090 ±8.88902

Plateau **Steps** A-G 9.16074 ±0.02537

Isochron 9.08503 ±9.06219

Sample: MB06-525 **Lab #**: 57017 **J**: 7.27E-04 ±5.52E-07 **IC**: 1.000 ±0.0000

Material: Hornblende **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	$^{40}Ar^*/^{39}Ar_K$	K/C
P	02A	950.0	0.0	0.00093	0.00104	9.92E-07	0.00002	0.00060	0.00002	0.00202	0.00003	0.00311	0.00706	19.12	27.4654	1.5	14.64895	7.50
P	02B	1050.0	0.0	0.00003	0.00021	3.85E-07	0.00002	0.00003	0.00001	0.00030	0.00002	0.00011	0.00683	-0.55	68.9904	-0.5	-0.41814	0.2
P	02C	1120.0	0.0	0.00009	0.00031	3.63E-06	0.00003	0.00010	0.00001	0.00460	0.00004	0.00024	0.00684	7.65	7.2908	23.1	5.84117	0.1
P	02D	1130.0	0.0	0.00003	0.00024	1.08E-06	0.00002	0.00003	0.00001	0.00245	0.00003	0.00008	0.00147	3.55	5.3273	11.6	2.70607	6.70
P	02E	1145.0	0.0	0.00014	0.00038	0.00002	0.00005	0.00022	0.00001	0.02054	0.00007	0.00010	0.00145	9.39	0.3511	82.4	7.17608	0.1
P	02F	1150.0	0.0	0.00051	0.00078	0.00007	0.00011	0.00085	0.00002	0.00056	0.00001	0.00017	0.00149	9.13	0.0902	90.3	6.97510	17.8
P	02G	1155.0	0.0	0.00001	0.00018	1.86E-06	0.00002	9.02E-06	0.00001	0.00246	0.00003	0.00001	0.00141	7.54	2.9504	75.7	5.75906	0.1
P	02H	1160.0	0.0	1.01E-06	0.00018	3.44E-07	0.00002	9.42E-06	9.72E-06	0.00049	0.00002	9.83E-06	0.00142	-6.74	16.0898	-174.4	-5.12774	0.1
P	02I	1200.0	0.0	0.00007	0.00025	9.23E-06	0.00004	0.00013	0.00001	0.01237	0.00006	0.00004	0.00143	9.33	0.6017	88.2	7.12576	0.1
P	02J	1700.0	0.0	0.00012	0.00025	6.84E-06	0.00004	0.00014	0.00001	0.02433	0.00009	0.00024	0.00156	9.57	0.8922	43.1	7.31649	4.28

Weighted Mean Age 9.14944 ±0.08598

Integrated 9.08701 ±0.45916

Plateau **Steps** A-J 9.14545 ±0.08638

Isochron 9.09918 ±0.00701

Sample: MB06-611 **Lab #**: 56961 **J**: 7.67E-04 ±7.67E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	$^{40}Ar^*/^{39}Ar_K$	K/Ca
P	01A	550.0	0.0	0.01052	0.00379	2.75E-06	0.00004	0.00681	0.00006	0.00036	0.00002	0.03570	0.00850	-15.64	12.9047	-0.3	-11.2522	1.1

Sample: MB06-611 **Lab #**: 56961 **J**: 7.67E-04 ±7.67E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
P	01B	625.0	0.0	0.00506	0.00226	0.00018	0.00017	0.00472	0.00005	0.00670	0.00004	0.01315	0.00404	9.11	0.0940	23.3	6.60197	4.0
P	01C	700.0	0.0	0.00337	0.00162	0.00027	0.00030	0.00429	0.00004	0.00874	0.00006	0.00539	0.00325	9.03	0.0504	52.8	6.54503	4.6
P	01D	750.0	0.0	0.00329	0.00184	0.00030	0.00028	0.00463	0.00004	0.01317	0.00006	0.00451	0.00252	9.07	0.0365	59.6	6.56927	3.4
P	01E	800.0	0.0	0.00136	0.00078	0.00013	0.00012	0.00192	0.00003	0.00682	0.00005	0.00155	0.00208	9.24	0.0638	66.4	6.69574	2.9
P	01F	875.0	0.0	0.00260	0.00131	0.00024	0.00025	0.00356	0.00004	0.01217	0.00008	0.00344	0.00270	9.21	0.0478	61.0	6.66932	2.9
P	01G	975.0	0.0	0.00325	0.00163	0.00034	0.00030	0.00483	0.00003	0.02668	0.00008	0.00350	0.00260	9.08	0.0331	68.4	6.57905	1.9
	01H	1075.0	0.0	0.00193	0.00097	0.00020	0.00017	0.00301	0.00005	0.04766	0.00012	0.00232	0.00227	8.79	0.0481	65.2	6.36536	0.6
	01I	1250.0	0.0	0.00147	0.00070	0.00009	0.00011	0.00166	0.00007	0.00050	0.00003	0.00300	0.00247	8.66	0.1088	39.8	6.27573	27.6
	01J	1700.0	0.0	0.00236	0.00118	0.00014	0.00014	0.00271	0.00003	0.00049	0.00002	0.00491	0.00303	8.91	0.0885	38.6	6.45371	43.0

Weighted Mean Age			9.04852	±0.01690
Integrated			9.00290	±8.98053
Plateau	**Steps**	A-G	9.11693	±0.02269
Isochron			9.03958	±9.01697

Sample: MB06-670 **Lab #**: 56967 **J**: 7.64E-04 ±7.64E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
P	02A	950.0	0.0	0.00054	0.00102	3.65E-07	0.00002	0.00035	0.00001	0.00248	0.00003	0.00181	0.00208	32.73	23.4572	1.6	23.96504	2.24E
P	02B	1050.0	0.0	0.00002	0.00027	2.97E-07	0.00001	0.00004	9.39E-06	0.00105	0.00002	0.00005	0.00121	40.07	16.5652	35.9	29.40079	4.36E
P	02C	1120.0	0.0	0.00048	0.00077	0.00005	0.00010	0.00073	0.00002	0.06512	0.00017	0.00066	0.00169	9.08	0.1589	62.6	6.60220	0.1
P	02D	1130.0	0.0	0.00001	0.00032	1.70E-06	0.00003	0.00001	9.75E-06	0.00232	0.00005	5.14E-06	0.00153	9.57	3.6726	93.0	6.96542	0.1
P	02E	1145.0	0.0	0.00104	0.00087	0.00016	0.00020	0.00199	0.00003	0.21926	0.00057	0.00027	0.00175	9.09	0.0611	98.0	6.61071	0.1
P	02F	1150.0	0.0	0.00003	0.00026	5.30E-06	0.00005	0.00007	0.00001	0.00807	0.00007	-0.00003	0.00154	9.55	1.1876	137.7	6.94678	0.1
P	02G	1155.0	0.0	0.00001	0.00028	2.96E-06	0.00004	0.00005	0.00001	0.00466	0.00004	-0.00003	0.00157	10.59	2.1544	175.7	7.70649	9.80E
P	02H	1160.0	0.0	6.51E-07	0.00025	1.32E-06	0.00003	0.00001	0.00001	0.00205	0.00005	-0.00003	0.00155	11.40	4.7858	1.68E+03	8.29660	9.93E
P	02I	1200.0	0.0	0.00004	0.00025	6.31E-06	0.00004	0.00008	0.00001	0.01462	0.00010	-0.00001	0.00158	10.07	1.0253	120.5	7.32998	6.63E
P	02J	1700.0	0.0	0.00014	0.00041	3.11E-07	0.00003	0.00008	0.00001	0.01723	0.00008	0.00046	0.00172	58.28	25.6407	8.2	42.97951	2.44E

Weighted Mean Age			9.09294	±0.05684
Integrated			9.30660	±9.28316
Plateau	**Steps**	A-J	9.09270	±0.05685
Isochron			8.54443	±8.52423

Sample: MB06-525 **Lab #**: 57017 **J**: 7.27E-04 ±5.52E-07 **IC**: 1.000 ±0.0000

Material: Hornblende **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
	01A	950.0	0.0	0.00545	0.00251	0.00001	0.00004	0.00349	0.00004	0.01112	0.00006	0.01815	0.00543	10.58	1.9440	1.6	8.08491	0.2

Sample: MB06-525 **Lab #**: 57017 **J**: 7.27E-04 ±5.52E-07 **IC**: 1.000 ±0.0000

Material: Hornblende **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	01B	1050.0	0.0	0.00081	0.00078	3.17E-06	0.00002	0.00053	0.00002	0.02982	0.00008	0.00269	0.00202	7.92	2.5205	2.3	6.04606	2.48E-02
	01C	1120.0	0.0	0.00052	0.00076	0.00002	0.00005	0.00050	0.00002	0.04274	0.00011	0.00134	0.00148	9.92	0.3464	24.8	7.58248	9.38E-02
P	01D	1130.0	0.0	0.00072	0.00057	0.00007	0.00012	0.00110	0.00002	0.00060	0.00001	0.00074	0.00118	9.01	0.0645	69.8	6.88550	28.8
P	01E	1140.0	0.0	0.00102	0.00094	0.00012	0.00013	0.00170	0.00003	0.00115	0.00002	0.00055	0.00110	9.12	0.0373	84.0	6.96938	25.2
P	01F	1150.0	0.0	0.00203	0.00104	0.00025	0.00028	0.00329	0.00003	0.00241	0.00003	0.00089	0.00146	9.10	0.0249	87.0	6.95188	24.9
P	01G	1160.0	0.0	0.00091	0.00078	0.00012	0.00014	0.00160	0.00003	0.00105	0.00002	0.00035	0.00104	9.08	0.0370	88.7	6.93633	26.3
P	01H	1200.0	0.0	0.00059	0.00056	0.00006	0.00010	0.00097	0.00002	0.00064	0.00002	0.00051	0.00147	8.90	0.0897	74.5	6.79989	24.1
P	01I	1700.0	0.0	0.00026	0.00039	4.19E-06	0.00002	0.00023	0.00001	0.08515	0.00018	0.00085	0.00143	9.08	1.4090	10.7	6.93487	1.13E-02

Weighted Mean Age 9.08787 ±0.01707

Integrated 9.10993 ±0.04353

Plateau **Steps** D-I 9.08578 ±0.01710

Isochron 9.08556 ±0.00689

Sample: MB07-121 **Lab #**: 57724 **J**: 7.37E-04 ±7.37E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	01A	550.0	0.0	0.00473	0.00257	0.00002	0.00008	0.00340	0.00007	0.00420	0.00006	0.01550	0.00580	9.20	1.0572	3.2	6.93857	1.1
	01B	625.0	0.0	0.00070	0.00078	0.00006	0.00014	0.00097	0.00004	0.02100	0.00011	0.00102	0.00217	8.36	0.1353	57.6	6.30088	0.6
P	01C	700.0	0.0	0.00061	0.00068	0.00007	0.00014	0.00103	0.00004	0.03398	0.00017	0.00052	0.00175	9.01	0.1025	76.2	6.79605	0.4
P	01D	750.0	0.0	0.00034	0.00055	0.00003	0.00010	0.00046	0.00002	0.02078	0.00011	0.00042	0.00162	9.02	0.2024	64.1	6.79946	0.3
P	01E	800.0	0.0	0.00036	0.00053	0.00004	0.00008	0.00051	0.00003	-0.00005	0.00002	0.00036	0.00140	9.03	0.1499	70.2	6.80847	-152.4
P	01F	875.0	0.0	0.00043	0.00050	0.00005	0.00012	0.00063	0.00003	0.02674	0.00010	0.00037	0.00147	9.23	0.1274	75.6	6.95775	0.4
P	01G	975.0	0.0	0.00034	0.00051	0.00004	0.00010	0.00046	0.00003	0.02001	0.00012	0.00034	0.00143	8.68	0.1562	71.0	6.54161	0.4
	01H	1075.0	0.0	0.00053	0.00057	0.00004	0.00010	0.00076	0.00002	0.03036	0.00019	0.00097	0.00262	8.14	0.2559	46.9	6.13226	0.3
	01I	1250.0	0.0	0.00107	0.00084	0.00005	0.00011	0.00124	0.00004	0.00139	0.00002	0.00306	0.00309	4.72	0.2590	15.6	3.55639	7.2
	01J	1700.0	0.0	0.00153	0.00088	9.28E-07	0.00004	0.00100	0.00004	0.01007	0.00008	0.00513	0.00412	17.50	17.6338	0.8	13.22841	1.93E-

Weighted Mean Age 8.69356 ±0.05327

Integrated 8.33288 ±8.31419

Plateau **Steps** C-G 9.07565 ±0.06656

Isochron 8.64568 ±8.62500

Sample: MB06-674 **Lab #**: 56954 **J**: 7.68E-04 ±7.68E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01A	550.0	0.0	0.00223	0.00126	5.02E-06	0.00003	0.00146	0.00002	0.00126	0.00003	0.00745	0.00349	6.61	2.8601	1.1	4.77837	0.6

Sample: MB06-674 **Lab #**: 56954 **J**: 7.68E-04 ±7.68E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
P	01B	625.0	0.0	0.00048	0.00058	0.00002	0.00006	0.00046	0.00002	0.00616	0.00005	0.00122	0.00202	8.18	0.4007	25.5	5.91467	0.5
P	01C	700.0	0.0	0.00051	0.00067	0.00005	0.00009	0.00080	0.00002	0.02054	0.00008	0.00063	0.00185	9.15	0.1540	64.5	6.61953	0.4
P	01D	750.0	0.0	0.00035	0.00046	0.00004	0.00008	0.00054	0.00002	0.01377	0.00006	0.00031	0.00273	9.34	0.2898	75.1	6.75604	0.4
P	01E	800.0	0.0	0.00014	0.00030	0.00002	0.00005	0.00024	0.00001	0.00586	0.00005	0.00016	0.00266	8.62	0.6861	68.0	6.23793	0.4
P	01F	875.0	0.0	0.00022	0.00041	0.00002	0.00007	0.00030	0.00001	0.01114	0.00005	0.00033	0.00269	8.74	0.5369	58.2	6.32263	0.3
P	01G	975.0	0.0	0.00015	0.00031	0.00001	0.00004	0.00019	0.00001	0.00840	0.00005	0.00031	0.00272	7.42	0.9993	40.2	5.36897	0.2
	01H	1075.0	0.0	0.00048	0.00052	0.00002	0.00006	0.00057	0.00002	0.02593	0.00015	0.00121	0.00288	7.68	0.5046	27.0	5.55435	0.1
	01I	1250.0	0.0	0.00110	0.00081	0.00003	0.00006	0.00119	0.00002	0.00391	0.00002	0.00349	0.00334	2.94	0.3921	6.7	2.12269	1.4
	01J	1700.0	0.0	0.00010	0.00021	2.66E-06	0.00003	0.00010	0.00001	0.05135	0.00012	0.00034	0.00272	8.81	4.3958	15.7	6.37645	7.54E-03

Weighted Mean Age			8.44504 ±0.11357	
Integrated			7.74011 ±7.72520	
Plateau	**Steps**	A-G	9.04812 ±0.12305	
Isochron			8.56809 ±8.54778	

Sample: MB06-636 **Lab #**: 56956 **J**: 7.65E-04 ±7.65E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	01A	550.0	0.0	0.02583	0.01530	6.07E-06	0.00005	0.01656	0.00008	0.00069	0.00002	0.08740	0.01576	1.88	11.1235	3.20E-02	1.36148	1.3
	01B	625.0	0.0	0.00331	0.00158	0.00006	0.00008	0.00266	0.00003	0.00727	0.00006	0.01001	0.00967	8.24	0.6723	10.6	5.98833	1.2
	01C	700.0	0.0	0.00309	0.00173	0.00011	0.00013	0.00288	0.00004	0.03022	0.00010	0.00785	0.00955	9.68	0.3497	25.3	7.03513	0.6
	01D	750.0	0.0	0.00192	0.00090	0.00007	0.00010	0.00182	0.00003	0.01762	0.00008	0.00488	0.00313	9.63	0.1866	25.1	6.99724	0.6
	01E	800.0	0.0	0.00158	0.00087	0.00004	0.00008	0.00130	0.00003	0.00960	0.00007	0.00441	0.00347	9.79	0.3621	17.6	7.11519	0.6
	01F	875.0	0.0	0.00295	0.00167	0.00007	0.00011	0.00241	0.00004	0.01676	0.00009	0.00831	0.00424	9.78	0.2489	16.8	7.10639	0.6
P	01G	975.0	0.0	0.00390	0.00190	0.00009	0.00012	0.00326	0.00003	0.02340	0.00008	0.01129	0.00487	8.58	0.2170	14.7	6.22947	0.6
P	01H	1075.0	0.0	0.00902	0.00294	0.00012	0.00014	0.00698	0.00011	0.06241	0.00016	0.02788	0.00627	8.95	0.2095	8.9	6.49974	0.3
P	01I	1250.0	0.0	0.01422	0.00442	0.00026	0.00030	0.01150	0.00007	0.00292	0.00004	0.04215	0.00978	9.23	0.1527	12.4	6.70616	13.6
P	01J	1700.0	0.0	0.00021	0.00037	3.71E-06	0.00004	0.00017	0.00001	0.02518	0.00009	0.00065	0.00246	8.35	2.7468	10.7	6.06748	2.19E-0

Weighted Mean Age			9.26763 ±0.08167	
Integrated			9.15530 ±9.13298	
Plateau	**Steps**	G-J	8.99598 ±0.10727	
Isochron			9.35692 ±9.33270	

Sample: MB07-025 **Lab #**: 57728 **J**: 7.66E-04 ±7.66E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
	01A	550.0	0.0	0.00323	0.00203	0.00001	0.00007	0.00221	0.00006	0.00265	0.00004	0.01075	0.00513	5.79	1.7131	1.6	4.19185	1.0
	01B	625.0	0.0	0.00037	0.00053	0.00003	0.00010	0.00061	0.00003	0.01222	0.00009	0.00057	0.00179	8.01	0.2150	54.2	5.80301	0.6
P	01C	700.0	0.0	0.00051	0.00057	0.00007	0.00013	0.00093	0.00004	0.02606	0.00011	0.00030	0.00149	8.96	0.0948	83.8	6.49488	0.5
P	01D	750.0	0.0	0.00035	0.00050	0.00005	0.00011	0.00059	0.00003	0.02138	0.00013	0.00021	0.00135	8.73	0.1201	83.8	6.32744	0.5
P	01E	800.0	0.0	0.00040	0.00053	0.00005	0.00011	0.00067	0.00004	0.02397	0.00014	0.00024	0.00168	8.92	0.1354	83.5	6.46363	0.5
P	01F	875.0	0.0	0.00043	0.00055	0.00006	0.00011	0.00069	0.00003	0.02677	0.00017	0.00024	0.00119	9.06	0.0901	84.6	6.57175	0.4
	01G	975.0	0.0	0.00032	0.00043	0.00004	0.00011	0.00053	0.00003	0.02369	0.00013	0.00025	0.00145	8.43	0.1459	78.7	6.10869	0.4
	01H	1075.0	0.0	0.00031	0.00044	0.00003	0.00008	0.00051	0.00003	0.02894	0.00013	0.00049	0.00156	7.18	0.1941	55.7	5.20421	0.2
	01I	1250.0	0.0	0.00104	0.00084	0.00007	0.00011	0.00146	0.00004	0.00106	0.00002	0.00250	0.00269	6.06	0.1607	29.0	4.38875	13.6
	01J	1700.0	0.0	0.00131	0.00106	2.90E-06	0.00004	0.00094	0.00003	0.01431	0.00011	0.00435	0.00343	15.21	4.8567	2.4	11.04886	4.24E-02

Weighted Mean Age			8.52967 ±0.04505	
Integrated			8.13242 ±8.11451	
Plateau	**Steps**	C-F	8.88037 ±0.06521	
Isochron			8.48439 ±8.46447	

Sample: MB06-615 **Lab #**: 56958 **J**: 7.61E-04 ±7.61E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
	01A	550.0	0.0	0.02321	0.01340	2.89E-06	0.00004	0.01476	0.00007	0.01303	0.00006	0.07793	0.01155	88.15	16.8234	0.8	65.82083	3.30E-0
	01B	625.0	0.0	0.00518	0.00197	0.00005	0.00008	0.00374	0.00003	0.01034	0.00006	0.01603	0.00504	11.35	0.3799	8.6	8.29606	0.8
	01C	700.0	0.0	0.00114	0.00079	0.00005	0.00008	0.00116	0.00002	0.00759	0.00004	0.00256	0.00280	10.14	0.2171	34.0	7.40654	1.0
	01D	750.0	0.0	0.00062	0.00071	0.00003	0.00007	0.00070	0.00002	0.00644	0.00007	0.00130	0.00261	9.65	0.3146	38.3	7.04696	0.8
	01E	800.0	0.0	0.00023	0.00042	0.00001	0.00005	0.00025	0.00001	0.00299	0.00003	0.00053	0.00250	8.76	0.8483	32.9	6.39767	0.6
	01F	875.0	0.0	0.00172	0.00082	0.00005	0.00007	0.00142	0.00003	0.01210	0.00006	0.00469	0.00356	10.09	0.3195	19.4	7.36940	0.6
P	01G	975.0	0.0	0.00140	0.00095	0.00004	0.00007	0.00117	0.00003	0.01267	0.00007	0.00392	0.00340	8.97	0.3694	17.5	6.55198	0.4
P	01H	1075.0	0.0	0.00226	0.00144	0.00004	0.00008	0.00187	0.00003	0.02586	0.00010	0.00675	0.00362	8.69	0.3476	12.0	6.34561	0.2
P	01I	1250.0	0.0	0.01875	0.00747	0.00020	0.00021	0.01373	0.00006	0.00530	0.00004	0.05899	0.00911	8.90	0.1887	7.0	6.50235	5.7
P	01J	1700.0	0.0	0.00052	0.00049	5.25E-06	0.00003	0.00035	0.00004	0.04103	0.00012	0.00172	0.00286	7.61	2.2539	5.5	5.55616	1.89E-0

Weighted Mean Age			9.55399 ±0.10352	
Integrated			9.91114 ±9.88515	
Plateau	**Steps**	G-J	8.87304 ±0.15132	
Isochron			9.24145 ±9.21782	

Sample: MB06-610 **Lab #**: 56962 **J**: 7.64E-04 ±7.64E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	$^{40}Ar^*/^{39}Ar_K$	K/Ca
	01I	1075.0	0.0	0.00058	0.00047	0.00005	0.00008	0.00092	0.00002	0.02678	0.00007	0.00096	0.00165	7.89	0.1293	52.2	5.73943	0.3
	01A	800.0	0.0	0.00001	0.00030	1.24E-07	0.00006	0.00001	0.00001	0.00026	0.00002	0.00002	0.00225	60.64	78.2325	44.2	44.74431	6.75E-0
	01B	550.0	0.0	0.01402	0.00547	0.00003	0.00010	0.00914	0.00005	0.00514	0.00005	0.04634	0.00748	13.04	0.9078	2.3	9.49349	0.9
P	01C	625.0	0.0	0.00075	0.00067	0.00003	0.00009	0.00076	0.00002	0.00815	0.00006	0.00186	0.00261	8.90	0.3337	27.4	6.47714	0.6
P	01D	700.0	0.0	0.00067	0.00059	0.00006	0.00010	0.00097	0.00002	0.01859	0.00010	0.00094	0.00240	8.84	0.1590	59.4	6.43202	0.5
P	01E	750.0	0.0	0.00044	0.00042	0.00005	0.00008	0.00075	0.00002	0.01545	0.00006	0.00035	0.00148	8.81	0.1143	77.6	6.40648	0.5
P	01F	800.0	0.0	0.00051	0.00057	0.00006	0.00008	0.00090	0.00002	0.01424	0.00006	0.00039	0.00157	8.62	0.1026	77.9	6.27146	0.6
P	01G	875.0	0.0	0.00067	0.00059	0.00008	0.00012	0.00113	0.00003	0.01940	0.00011	0.00056	0.00155	8.93	0.0812	76.4	6.49299	0.6
	01H	975.0	0.0	0.00050	0.00052	0.00005	0.00009	0.00077	0.00003	0.01344	0.00008	0.00049	0.00157	9.08	0.1187	71.9	6.60598	0.6
	01J	1250.0	0.0	0.00226	0.00128	0.00012	0.00015	0.00260	0.00003	0.00267	0.00002	0.00538	0.00265	7.49	0.0888	29.7	5.44623	6.5
	01K	1700.0	0.0	0.00031	0.00039	9.36E-06	0.00004	0.00029	0.00002	0.02992	0.00009	0.00091	0.00164	8.15	0.7257	17.5	5.92566	4.39E-0

Weighted Mean Age			8.49836 ±0.03977	
Integrated			8.72477 ±8.70402	
Plateau	**Steps**	D-H	8.73825 ±0.06741	
Isochron			8.37323 ±8.35382	

Sample: MB07-136 **Lab #**: 57735 **J**: 7.50E-04 ±7.50E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	$^{40}Ar^*/^{39}Ar_K$	K/Ca
	01A	950.0	0.0	0.00050	0.00063	2.63E-06	0.00003	0.00038	0.00002	0.00146	0.00004	0.00168	0.00230	4.37	3.5090	1.7	3.23190	0.3
	01B	1050.0	0.0	0.00001	0.00017	1.23E-06	0.00002	5.32E-06	0.00002	0.00048	0.00003	0.00004	0.00200	1.84	6.5326	12.7	1.35923	0.5
	01C	1120.0	0.0	0.00027	0.00053	0.00003	0.00009	0.00044	0.00002	0.04454	0.00017	0.00030	0.00160	9.44	0.2406	70.4	6.98988	0.1
P	01D	1130.0	0.0	0.00030	0.00053	0.00004	0.00011	0.00053	0.00003	-0.00025	0.00002	0.00019	0.00149	8.63	0.1602	80.8	6.39246	-28.5
P	01E	1145.0	0.0	0.00062	0.00057	0.00008	0.00015	0.00107	0.00003	0.00005	0.00002	0.00034	0.00184	8.77	0.0941	83.7	6.49487	310.1
P	01F	1150.0	0.0	0.00026	0.00050	0.00004	0.00011	0.00052	0.00003	-0.00023	0.00002	0.00011	0.00134	8.65	0.1503	88.1	6.40623	-30.8
	01G	1160.0	0.0	0.00028	0.00051	0.00004	0.00009	0.00053	0.00003	0.06350	0.00025	0.00010	0.00146	9.39	0.1568	94.5	6.95668	0.1
	01H	1200.0	0.0	0.00055	0.00053	0.00007	0.00015	0.00100	0.00003	-0.00012	0.00006	0.00035	0.00145	8.69	0.0845	81.5	6.43575	-114.3
	01I	1700.0	0.0	0.00139	0.00116	2.45E-06	0.00003	0.00099	0.00003	0.00576	0.00007	0.00469	0.00433	3.02	7.1208	0.4	2.23030	8.13E-0

Weighted Mean Age			8.80712 ±0.05038	
Integrated			8.74685 ±8.72614	
Plateau	**Steps**	D-F	8.73523 ±0.08117	
Isochron			8.75796 ±8.73673	

Sample: MB07-133 **Lab #**: 57734 **J**: 7.54E-04 ±7.54E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01H	950.0	0.0	0.00101	0.00076	6.57E-06	0.00005	0.00072	0.00003	0.00338	0.00005	0.00327	0.00321	9.00	1.9614	4.3	6.63634	0.4
P	01I	1050.0	0.0	0.00011	0.00023	2.07E-06	0.00003	0.00010	0.00002	0.00193	0.00004	0.00031	0.00133	12.81	2.5835	17.5	9.45386	0.2
P	01J	1120.0	0.0	0.00042	0.00053	0.00004	0.00010	0.00062	0.00003	0.06210	0.00020	0.00068	0.00171	8.93	0.1985	55.4	6.58376	0.1
P	01K	1130.0	0.0	0.00032	0.00051	0.00004	0.00009	0.00061	0.00002	0.00005	0.00004	0.00021	0.00129	8.68	0.1291	81.0	6.39755	161.6
P	01L	1145.0	0.0	0.00049	0.00057	0.00006	0.00011	0.00089	0.00003	0.00005	0.00009	0.00030	0.00128	8.73	0.0838	82.2	6.43459	244.3
P	01M	1150.0	0.0	0.00020	0.00041	0.00003	0.00007	0.00037	0.00002	0.04537	0.00022	0.00012	0.00129	8.91	0.2054	86.6	6.56987	0.1
P	01N	1160.0	0.0	0.00025	0.00045	0.00003	0.00009	0.00049	0.00002	0.00001	0.00002	0.00014	0.00136	8.49	0.1634	83.5	6.26325	557.2
P	01O	1200.0	0.0	0.00061	0.00059	0.00008	0.00015	0.00111	0.00003	0.00047	0.00002	0.00045	0.00153	8.40	0.0807	78.5	6.19172	32.1
	01P	1700.0	0.0	0.00140	0.00106	1.26E-06	0.00003	0.00090	0.00003	0.00010	0.00002	0.00482	0.00403	-22.42	13.0263	-1.5	-16.3905	2.5

Weighted Mean Age			8.60850	±0.04752
Integrated			8.54355	±8.52383
Plateau	**Steps**	A-H	8.72092	±0.05878
Isochron			8.57465	±8.55431

Sample: MB07-145 **Lab #**: 57737 **J**: 7.46E-04 ±7.46E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/C
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	01A	950.0	0.0	0.00082	0.00070	0.00001	0.00006	0.00067	0.00004	0.00548	0.00006	0.00248	0.00261	11.06	0.9968	10.5	8.23772	0.4
	01B	1050.0	0.0	0.00013	0.00028	5.11E-06	0.00004	0.00012	0.00002	0.00512	0.00007	0.00027	0.00155	12.55	1.2026	38.0	9.35407	0.2
P	01C	1120.0	0.0	0.00063	0.00063	0.00004	0.00009	0.00079	0.00003	0.00008	0.00003	0.00127	0.00209	8.42	0.2032	40.7	6.27249	101.2
P	01D	1130.0	0.0	0.00027	0.00045	0.00004	0.00009	0.00050	0.00003	-0.00016	0.00003	0.00007	0.00128	8.76	0.1349	92.0	6.51955	-45.0
P	01E	1145.0	0.0	0.00040	0.00049	0.00006	0.00011	0.00074	0.00002	-0.00004	0.00002	0.00011	0.00146	8.88	0.1052	92.1	6.61351	-240.
	01F	1150.0	0.0	0.00016	0.00034	0.00002	0.00007	0.00034	0.00002	0.04451	0.00021	8.47E-06	0.00131	9.42	0.2188	104.5	7.01734	0.1
	01G	1160.0	0.0	0.00012	0.00026	0.00002	0.00007	0.00027	0.00003	0.03409	0.00015	-3.28E-0	0.00133	9.70	0.3049	107.1	7.22555	9.91
	01H	1200.0	0.0	0.00044	0.00057	0.00006	0.00014	0.00082	0.00003	0.00026	0.00003	0.00030	0.00156	8.37	0.1128	79.5	6.22999	41.6
	01I	1700.0	0.0	0.00143	0.00100	1.43E-06	0.00003	0.00097	0.00003	0.00018	0.00002	0.00496	0.00376	-36.97	10.7338	-2.7	-27.1820	1.5

Weighted Mean Age			8.76122	±0.05961
Integrated			8.68954	±8.66921
Plateau	**Steps**	C-E	8.65458	±0.11241
Isochron			8.73238	±8.71128

Sample: MB07-114 **Lab #**: 57732 **J**: 7.57E-04 ±7.57E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	01A	950.0	0.0	0.00012	0.00025	8.50E-07	0.00003	0.00005	0.00002	0.00123	0.00017	0.00033	0.00155	40.04	7.3098	20.3	29.63891	0.1
P	01B	1050.0	0.0	0.00007	0.00025	9.52E-06	0.00006	0.00011	0.00002	-0.00274	0.00018	0.00002	0.00141	9.77	0.6000	91.6	7.16911	-0.7

Sample: MB07-114 **Lab #**: 57732 **J**: 7.57E-04 ±7.57E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
P	01C	1120.0	0.0	0.00092	0.00086	0.00012	0.00019	0.00168	0.00004	-0.01857	0.00012	0.00044	0.00188	8.76	0.0636	85.5	6.42457	-1.3
P	01D	1130.0	0.0	0.00023	0.00040	0.00003	0.00010	0.00041	0.00002	-0.00065	0.00004	0.00014	0.00111	8.34	0.1500	81.9	6.11934	-9.1
P	01E	1145.0	0.0	0.00029	0.00045	0.00004	0.00010	0.00053	0.00003	-0.00058	0.00004	0.00015	0.00122	8.56	0.1281	85.1	6.28354	-13.1
P	01F	1150.0	0.0	0.00012	0.00027	0.00002	0.00007	0.00021	0.00003	0.03030	0.00019	0.00006	0.00108	8.97	0.2636	90.4	6.57915	0.1
P	01G	1160.0	0.0	0.00028	0.00045	0.00004	0.00010	0.00049	0.00003	-0.00059	0.00004	0.00011	0.00112	8.59	0.1168	88.3	6.30048	-12.9
P	01H	1200.0	0.0	0.00039	0.00052	0.00005	0.00010	0.00072	0.00003	-0.00046	0.00004	0.00020	0.00119	8.54	0.0937	84.6	6.26451	-22.0
P	01I	1700.0	0.0	0.00143	0.00082	1.05E-06	0.00003	0.00098	0.00003	0.00971	0.00010	0.00490	0.00390	-20.75	15.3895	-1.1	-15.1010	2.08E

Weighted Mean Age				8.64631	±0.04238
Integrated				8.66420	±8.64373
Plateau	**Steps**	B-I		8.64548	±0.04238
Isochron				8.66849	±8.64770

Sample: MB06-670 **Lab #**: 56967 **J**: 7.64E-04 ±7.64E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/C
	01A	950.0	0.0	0.00050	0.00046	6.79E-07	0.00002	0.00030	0.00002	0.00053	0.00002	0.00162	0.00196	38.21	11.5911	3.8	28.02090	0.2
P	01B	1050.0	0.0	0.00001	0.00017	3.86E-07	0.00001	4.18E-06	0.00002	0.00043	0.00002	0.00006	0.00374	-15.84	39.8822	-33.5	-11.4423	0.2
P	01C	1120.0	0.0	0.00208	0.00111	0.00012	0.00012	0.00238	0.00004	0.00130	0.00001	0.00453	0.00299	8.63	0.1041	35.6	6.27648	15.7
P	01D	1130.0	0.0	0.00003	0.00022	4.96E-06	0.00004	0.00007	0.00001	0.00764	0.00005	4.51E-07	0.00121	9.96	0.9983	105.1	7.24909	0.1
P	01E	1140.0	0.0	0.00051	0.00047	0.00008	0.00009	0.00100	0.00003	-0.00052	0.00003	0.00013	0.00127	8.58	0.0690	92.5	6.24074	-25.
P	01F	1150.0	0.0	0.00191	0.00093	0.00028	0.00028	0.00361	0.00004	0.00198	0.00003	0.00053	0.00145	8.47	0.0227	91.8	6.16149	24.8
	01G	1160.0	0.0	0.00004	0.00021	6.67E-06	0.00004	0.00010	0.00001	0.00992	0.00007	-8.81E-0	0.00122	10.13	0.7466	111.4	7.37093	0.1
	01H	1200.0	0.0	0.00031	0.00044	0.00005	0.00008	0.00058	0.00002	-0.00093	0.00003	0.00012	0.00250	8.37	0.2239	88.9	6.08630	-8.5
	01I	1700.0	0.0	0.00018	0.00033	0.00002	0.00006	0.00027	0.00001	0.03100	0.00010	0.00026	0.00132	9.52	0.3335	62.0	6.92287	9.12

Weighted Mean Age				8.49378	±0.02100
Integrated				8.59626	±8.57596
Plateau	**Steps**	B-F		8.60015	±0.05743
Isochron				8.46687	±8.44703

Sample: MB06-747 **Lab #**: 56971 **J**: 7.61E-04 ±7.61E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/C
	01A	950.0	0.0	0.00497	0.00242	0.00004	0.00007	0.00344	0.00003	0.00473	0.00004	0.01593	0.00490	10.06	0.5700	5.2	7.35058	1.2
	01B	1050.0	0.0	0.00075	0.00123	0.00004	0.00009	0.00083	0.00002	0.04030	0.00011	0.00169	0.00165	9.47	0.1841	35.0	6.91493	0.1
P	01C	1100.0	0.0	0.00235	0.00163	0.00029	0.00038	0.00412	0.00004	0.00302	0.00005	0.00174	0.00182	8.55	0.0284	78.1	6.24325	15.2
P	01D	1110.0	0.0	0.00045	0.00102	0.00006	0.00012	0.00082	0.00002	-0.00150	0.00004	0.00032	0.00172	8.41	0.1249	79.0	6.14123	-6.0

Sample: MB06-747 **Lab #**: 56971 **J**: 7.61E-04 ±7.61E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/C
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01E	1120.0	0.0	0.00006	0.00036	7.73E-06	0.00006	0.00013	0.00001	0.01062	0.00009	0.00005	0.00162	8.97	0.8537	80.7	6.54752	0.1
P	01F	1130.0	0.0	0.00004	0.00032	4.85E-06	0.00005	0.00008	0.00001	0.00641	0.00007	0.00006	0.00257	6.48	2.1502	60.9	4.73045	0.1
P	01G	1140.0	0.0	0.00037	0.00083	0.00005	0.00013	0.00069	0.00002	-0.00161	0.00004	0.00018	0.00171	8.55	0.1400	85.3	6.24280	-4.9
P	01H	1150.0	0.0	0.00055	0.00099	0.00007	0.00015	0.00106	0.00002	-0.00133	0.00004	0.00031	0.00189	8.45	0.1049	83.5	6.16701	-8.8
P	01I	1200.0	0.0	0.00070	0.00096	0.00009	0.00018	0.00131	0.00003	-0.00103	0.00004	0.00046	0.00182	8.38	0.0819	80.8	6.11617	-14.1
P	01J	1700.0	0.0	0.00011	0.00049	-4.35E-0	0.00004	0.00008	9.99E-06	0.00798	0.00008	0.00036	0.00184	-10.54	16.6841	3.2	-7.65091	-8.85

Weighted Mean Age		8.54410 ±0.02475	
Integrated		8.64038 ±8.61987	
Plateau	**Steps** C-J	8.52415 ±0.02501	
Isochron		8.50536 ±8.48535	

Sample: MB06-748 **Lab #**: 57537 **J**: 7.86E-04 ±7.86E-04 **IC**: 1.000 ±0.0000

Material: Amphibole **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01A	950.0	0.0	0.00125	0.00123	0.00006	0.00015	0.00149	0.00004	0.00611	0.00008	0.00295	0.00263	8.80	0.1816	30.6	6.22177	0.8
P	01B	1050.0	0.0	0.00035	0.00055	0.00002	0.00008	0.00043	0.00004	0.00477	0.00008	0.00067	0.00165	8.89	0.2955	43.0	6.28432	0.4
P	01C	1100.0	0.0	0.00083	0.00082	0.00004	0.00012	0.00099	0.00004	0.02265	0.00017	0.00200	0.00224	8.56	0.2306	30.1	6.04885	0.2
P	01D	1110.0	0.0	0.00030	0.00039	0.00003	0.00010	0.00050	0.00004	0.02421	0.00011	0.00037	0.00159	8.30	0.1976	67.4	5.86649	0.1
P	01E	1120.0	0.0	0.00027	0.00043	0.00003	0.00011	0.00046	0.00003	0.02474	0.00017	0.00028	0.00153	8.55	0.2001	73.7	6.04217	0.1
P	01F	1130.0	0.0	0.00041	0.00053	0.00004	0.00011	0.00055	0.00004	0.02898	0.00019	0.00065	0.00178	8.59	0.2014	56.8	6.07388	0.1
P	01G	1140.0	0.0	0.00025	0.00040	0.00003	0.00009	0.00043	0.00003	0.02462	0.00016	0.00026	0.00150	8.34	0.2048	74.3	5.89571	0.1
P	01H	1150.0	0.0	0.00018	0.00039	0.00002	0.00009	0.00032	0.00003	0.01895	0.00015	0.00015	0.00114	8.23	0.2061	79.7	5.81447	0.1
P	01I	1200.0	0.0	0.00058	0.00064	0.00008	0.00014	0.00110	0.00004	0.06161	0.00022	0.00049	0.00171	8.57	0.1028	80.6	6.05528	0.1
	01J	1700.0	0.0	0.00200	0.00208	0.00025	0.00045	0.00356	0.00006	-0.00005	0.00004	0.00217	0.00248	7.77	0.0458	67.8	5.49187	-449.4

Weighted Mean Age		8.05090 ±0.03642	
Integrated		8.24124 ±8.22257	
Plateau	**Steps** A-I	8.51442 ±0.07388	
Isochron		7.66073 ±7.64449	

Sample: MB06-670 **Lab #**: 56967 **J**: 7.64E-04 ±7.64E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	03A	950.0	0.0	0.00023	0.00050	1.55E-06	0.00005	0.00022	0.00001	0.00101	0.00002	0.00083	0.00157	-14.44	4.2151	-7.1	-10.4335	0.2
	03B	1050.0	0.0	0.00002	0.00017	7.32E-07	0.00005	0.00002	7.75E-06	0.00110	0.00002	0.00005	0.00145	11.69	8.1010	29.4	8.50700	0.1
	03C	1120.0	0.0	0.00029	0.00063	0.00002	0.00007	0.00042	0.00001	0.02656	0.00010	0.00064	0.00155	7.57	0.3187	37.7	5.50373	0.1
P	03D	1130.0	0.0	0.00007	0.00030	9.43E-06	0.00005	0.00020	0.00001	0.01296	0.00006	0.00012	0.00698	5.87	3.0138	54.6	4.26854	0.1

Sample: MB06-670 **Lab #**: 56967 **J**: 7.64E-04 ±7.64E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	03E	1145.0	0.0	0.00054	0.00090	0.00005	0.00010	0.00078	0.00002	0.00024	0.00002	0.00073	0.00704	8.30	0.5273	60.1	6.03699	34.6
P	03F	1150.0	0.0	0.00263	0.00174	0.00039	0.00029	0.00496	0.00005	0.00420	0.00002	0.00082	0.00705	8.43	0.0739	90.8	6.12870	14.3
P	03G	1155.0	0.0	0.00020	0.00037	0.00003	0.00006	0.00046	0.00001	0.04090	0.00011	0.00015	0.00703	7.77	0.9541	83.5	5.64735	0.1
P	03H	1160.0	0.0	0.00003	0.00025	4.91E-06	0.00003	0.00007	9.48E-06	0.00700	0.00006	0.00002	0.00699	8.66	5.7905	90.7	6.29536	0.1
P	03I	1200.0	0.0	0.00021	0.00056	0.00003	0.00009	0.00051	0.00002	0.04284	0.00014	0.00016	0.00699	7.87	0.9361	82.5	5.71914	0.1
P	03J	1700.0	0.0	0.00015	0.00033	0.00001	0.00004	0.00027	0.00001	0.03206	0.00009	0.00039	0.00700	6.08	2.6411	31.0	4.41714	5.17E-

Weighted Mean Age			8.36612 ±0.07090	
Integrated			8.16960 ±8.15231	
Plateau	**Steps**	D-J	8.41592 ±0.07277	
Isochron			8.50396 ±8.48395	

Sample: MB06-840 **Lab #**: 57544 **J**: 7.89E-04 ±7.89E-04 **IC**: 1.000 ±0.0000

Material: Amphibole **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01A	950.0	0.0	0.00095	0.00112	0.00002	0.00006	0.00081	0.00005	0.01377	0.00009	0.00291	0.00295	8.97	0.7974	10.4	6.31813	9.18E-02
P	01B	1140.0	0.0	0.00110	0.00086	0.00006	0.00014	0.00129	0.00004	0.03922	0.00022	0.00265	0.00315	8.22	0.2283	30.9	5.78768	0.1
P	01C	1170.0	0.0	0.00057	0.00059	0.00006	0.00015	0.00089	0.00004	0.04550	0.00019	0.00076	0.00175	8.37	0.1254	65.0	5.89796	0.1
P	01D	1200.0	0.0	0.00090	0.00077	0.00013	0.00018	0.00177	0.00005	0.09197	0.00033	0.00073	0.00194	8.22	0.0766	81.2	5.78576	0.1
P	01E	1225.0	0.0	0.00096	0.00092	0.00014	0.00018	0.00195	0.00005	0.10213	0.00023	0.00070	0.00201	8.21	0.0735	84.1	5.78200	0.1
P	01F	1250.0	0.0	0.00090	0.00065	0.00013	0.00019	0.00170	0.00005	0.09598	0.00031	0.00068	0.00178	8.21	0.0716	83.1	5.78474	0.1
P	01G	1275.0	0.0	0.00015	0.00041	0.00002	0.00006	0.00025	0.00003	0.01428	0.00013	0.00016	0.00150	8.56	0.3548	72.7	6.02961	0.1
P	01H	1700.0	0.0	0.00019	0.00040	0.00001	0.00007	0.00023	0.00003	0.02277	0.00013	0.00046	0.00175	9.37	0.7447	34.8	6.60372	3.54E-02

Weighted Mean Age			8.23863 ±0.03939	
Integrated			8.28501 ±8.26616	
Plateau	**Steps**	A-H	8.23545 ±0.03944	
Isochron			7.65914 ±7.64290	

Sample: MB06-673a **Lab #**: 56972 **J**: 7.54E-04 ±7.54E-04 **IC**: 1.000 ±0.0000

Material: Hornblende **IGSN**:

	N		^{40}Ar	^{40}Ar	± 1σ	^{39}Ar	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ	Age	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	01A	950.0	0.0	0.00178	0.00131	0.00007	0.00009	0.00216	0.00003	0.00948	0.00005	0.00449	0.00403	9.02	0.2343	25.8	6.64600	1.1
	01B	1050.0	0.0	0.00064	0.00111	0.00002	0.00006	0.00066	0.00002	0.01870	0.00008	0.00162	0.00342	10.00	0.6028	26.2	7.36964	0.2
	01C	1100.0	0.0	0.00128	0.00136	0.00010	0.00014	0.00168	0.00002	0.00102	0.00002	0.00228	0.00348	8.27	0.1423	47.2	6.09173	15.2
P	01D	1110.0	0.0	0.00007	0.00039	7.52E-06	0.00006	0.00019	0.00005	0.01035	0.00007	0.00011	0.00149	8.17	0.8017	61.0	6.02083	0.1
P	01E	1120.0	0.0	0.00059	0.00082	0.00008	0.00013	0.00106	0.00005	-0.00209	0.00005	0.00039	0.00157	8.05	0.0818	80.3	5.93205	-5.9
P	01F	1130.0	0.0	0.00064	0.00085	0.00007	0.00011	0.00112	0.00005	-0.00212	0.00005	0.00068	0.00186	8.00	0.1012	68.5	5.89235	-5.5

Sample: MB06-673a **Lab #**: 56972 **J**: 7.54E-04 ±7.54E-04 **IC**: 1.000 ±0.0000

Material: Hornblende **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
P	01G	1140.0	0.0	0.00001	0.00019	1.04E-06	0.00005	0.00005	0.00004	0.00210	0.00007	8.49E-06	0.00154	12.12	5.9693	82.7	8.93832	7.64E
P	01H	1150.0	0.0	0.00004	0.00026	4.58E-06	0.00005	0.00013	0.00004	0.00809	0.00009	0.00003	0.00151	8.92	1.3342	82.0	6.57334	8.74E
P	01I	1200.0	0.0	0.00038	0.00063	0.00004	0.00009	0.00058	0.00005	-0.00230	0.00005	0.00060	0.00172	7.60	0.1899	53.5	5.59899	-2.5
P	01J	1700.0	0.0	0.00009	0.00031	3.54E-07	0.00004	0.00010	0.00004	0.04297	0.00013	0.00032	0.00158	25.98	25.0954	5.7	19.24207	9.32E

Weighted Mean Age			8.09879 ±0.05366	
Integrated			8.36986 ±8.35085	
Plateau	**Steps**	D-J	7.98947 ±0.06009	
Isochron			7.90139 ±7.88411	

Sample: MB07-001 **Lab #**: 57718 **J**: 7.69E-04 ±7.69E-04 **IC**: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
P	01A	550.0	0.0	0.00753	0.00365	0.00001	0.00008	0.00508	0.00008	0.00387	0.00006	0.02516	0.00866	8.76	2.4643	1.2	6.33206	0.8
P	01B	625.0	0.0	0.00114	0.00092	0.00004	0.00009	0.00103	0.00003	0.00772	0.00008	0.00305	0.00394	8.26	0.3991	21.2	5.96487	1.1
P	01C	700.0	0.0	0.00072	0.00066	0.00007	0.00012	0.00108	0.00005	0.01035	0.00008	0.00112	0.00225	8.20	0.1387	54.7	5.92444	1.4
P	01D	750.0	0.0	0.00042	0.00054	0.00004	0.00011	0.00068	0.00003	0.00748	0.00007	0.00058	0.00154	7.69	0.1428	59.2	5.55524	1.3
P	01E	800.0	0.0	0.00052	0.00059	0.00005	0.00010	0.00074	0.00004	0.01117	0.00009	0.00093	0.00172	7.70	0.1564	48.3	5.56486	0.9
P	01F	875.0	0.0	0.00067	0.00072	0.00006	0.00013	0.00093	0.00004	0.01549	0.00012	0.00110	0.00211	8.12	0.1486	51.7	5.86955	0.8
P	01G	975.0	0.0	0.00122	0.00079	0.00009	0.00016	0.00161	0.00003	0.02390	0.00012	0.00231	0.00272	8.14	0.1221	44.4	5.88140	0.8
	01H	1075.0	0.0	0.00103	0.00087	0.00010	0.00016	0.00156	0.00005	0.03397	0.00020	0.00168	0.00246	7.59	0.1047	52.1	5.48181	0.6
	01I	1250.0	0.0	0.00353	0.00210	0.00021	0.00021	0.00426	0.00006	0.00106	0.00007	0.00822	0.00428	7.24	0.0847	31.1	5.23137	42.8
	01J	1700.0	0.0	0.00213	0.00191	6.41E-06	0.00005	0.00143	0.00004	0.01816	0.00012	0.00715	0.00510	5.08	3.2942	1.1	3.66962	7.62E-02

Weighted Mean Age			7.70743 ±0.04511	
Integrated			7.71881 ±7.70273	
Plateau	**Steps**	A-G	7.95011 ±0.07186	
Isochron			7.68818 ±7.67182	

Sample: MB06-750a **Lab #**: 56969 **J**: 7.62E-04 ±7.62E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	%^{40}Ar*	^{40}Ar*/^{39}Ar$_K$	K/Ca
	01A	950.0	0.0	0.00101	0.00124	0.00002	0.00006	0.00076	0.00006	0.00334	0.00004	0.00291	0.00217	9.51	0.4176	14.7	6.94045	1.0
	01B	1050.0	0.0	0.00016	0.00051	8.27E-06	0.00004	0.00018	0.00001	0.01006	0.00006	0.00040	0.00644	7.37	3.1607	28.0	5.37712	0.1
	01C	1100.0	0.0	0.00069	0.00105	0.00007	0.00013	0.00108	0.00003	0.00077	0.00002	0.00093	0.00649	8.04	0.3695	60.2	5.86330	14.5
	01D	1110.0	0.0	0.00003	0.00032	2.46E-06	0.00004	1.84E-06	0.00001	0.00358	0.00005	0.00006	0.00164	7.84	2.7174	46.1	5.71879	0.1
	01E	1120.0	0.0	0.00016	0.00063	0.00002	0.00008	0.00026	0.00002	0.03094	0.00010	0.00013	0.00170	8.48	0.3355	80.4	6.18629	0.1
	01F	1130.0	0.0	0.00028	0.00080	0.00004	0.00011	0.00045	0.00001	0.05734	0.00017	0.00020	0.00172	8.59	0.1890	84.7	6.26656	0.1

Sample: MB06-750a **Lab #**: 56969 **J**: 7.62E-04 ±7.62E-04 **IC**: 1.000 ±0.0000

Material: Kaer **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
	01G	1140.0	0.0	0.00020	0.00062	0.00003	0.00008	0.00034	0.00002	0.03986	0.00013	0.00014	0.00169	8.71	0.2638	84.0	6.35607	0.1
P	01H	1150.0	0.0	0.00039	0.00080	0.00005	0.00014	0.00067	0.00002	-0.00059	0.00003	0.00023	0.00175	8.12	0.1347	82.2	5.92467	-14.2
P	01I	1200.0	0.0	0.00215	0.00135	0.00029	0.00037	0.00389	0.00004	0.00291	0.00003	0.00162	0.00234	7.93	0.0348	77.8	5.78358	15.6
P	01J	1700.0	0.0	0.00013	0.00040	1.47E-06	0.00003	0.00008	0.00001	0.04958	0.00011	0.00047	0.00186	5.34	5.6606	4.1	3.89306	4.28E-0

Weighted Mean Age			7.98756 ±0.03256	
Integrated			8.11909 ±8.10126	
Plateau	**Steps**	H-J	7.94137 ±0.03373	
Isochron			7.89253 ±7.87529	

Sample: MB07-027 **Lab #**: 57721 **J**: 7.62E-04 ±7.62E-04 **IC**[1]: 1.000 ±0.0000

Material: Groundmass concentrate **IGSN**:

	N	()	^{40}Ar	^{40}Ar (10^3 fA)	± 1σ	^{39}Ar (10^3 fA)	± 1σ	^{38}Ar	± 1σ	^{37}Ar	± 1σ	^{36}Ar	± 1σ (10^{-2} fA)	Age (Ma)	± 1σ	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	K/Ca
P	01A	550.0	0.0	0.00457	0.00249	0.00003	0.00010	0.00331	0.00007	0.00040	0.00003	0.01492	0.00741	6.90	0.9427	3.5	5.03429	17.2
P	01B	625.0	0.0	0.00170	0.00114	0.00021	0.00030	0.00288	0.00005	0.00195	0.00005	0.00171	0.00237	7.95	0.0485	70.3	5.79822	22.8
P	01C	700.0	0.0	0.00226	0.00184	0.00034	0.00038	0.00430	0.00005	0.00307	0.00005	0.00092	0.00202	8.06	0.0269	88.0	5.87977	23.7
P	01D	750.0	0.0	0.00125	0.00093	0.00019	0.00020	0.00246	0.00004	0.00186	0.00005	0.00052	0.00173	8.05	0.0390	87.8	5.87049	21.6
P	01E	800.0	0.0	0.00151	0.00107	0.00022	0.00029	0.00310	0.00005	0.00220	0.00004	0.00069	0.00197	8.07	0.0381	86.5	5.88831	21.7
P	01F	875.0	0.0	0.00204	0.00134	0.00029	0.00046	0.00390	0.00006	0.00324	0.00005	0.00111	0.00215	7.96	0.0325	84.0	5.80403	19.6
P	01G	975.0	0.0	0.00230	0.00183	0.00032	0.00038	0.00430	0.00007	0.00601	0.00007	0.00137	0.00241	8.03	0.0325	82.5	5.85614	11.6
P	01H	1075.0	0.0	0.00203	0.00123	0.00027	0.00047	0.00370	0.00006	0.04492	0.00019	0.00154	0.00227	8.06	0.0376	77.9	5.88123	1.3
P	01I	1250.0	0.0	0.00201	0.00118	0.00025	0.00036	0.00350	0.00005	0.05548	0.00018	0.00197	0.00203	8.02	0.0363	71.6	5.85278	1.0
P	01J	1700.0	0.0	0.00234	0.00180	0.00009	0.00015	0.00236	0.00004	0.00567	0.00008	0.00630	0.00484	7.64	0.2314	20.4	5.57239	3.2

Weighted Mean Age			8.02886 ±0.01237	
Integrated			7.99535 ±7.97770	
Plateau	**Steps**	A-J	8.02997 ±0.01239	
Isochron			8.03406 ±8.01620	

IC Factor[1]: H1/CDD intercalibration, P: plateau step

Constants used

Atmospheric argon ratios

$(^{40}Ar/^{36}Ar)_A$	295.5 ±0.5	Nier (1950)
$(^{40}Ar/^{38}Ar)_A$	1.58E+03 ±2.0	Nier (1950)

Interferring isotope production ratios

$(^{40}Ar/^{39}Ar)_K$	0.0 ±0.0004
$(^{38}Ar/^{39}Ar)_K$	0.0108 ±0.0
$(^{37}Ar/^{39}Ar)_K$	0.0 ±0.0
$(^{39}Ar/^{37}Ar)_{Ca}$	0.0007 ±5.00E-05
$(^{38}Ar/^{37}Ar)_{Ca}$	0.0001 ±0.0
$(^{36}Ar/^{37}Ar)_{Ca}$	0.0003 ±2.00E-05

Decay constants

$^{40}K\ \lambda\varepsilon$	4.96E-10 ±9.30E-13 a^{-1}
$^{40}K\ \lambda\beta$	5.81E-11 ±1.60E-13 a^{-1}

^{39}Ar	7.07E-06 ±0.0 a^{-1}
^{37}Ar	0.0198 ±0.0 a^{-1}