Table 1. Ar/Ar Summary Table

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
	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
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	± 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	0.00101	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
	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: MB07-052 **Lab #**: 58617 **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)				
	01A	550.0	0.0	0.00500	0.00300	0.00004	0.00013	0.05777	0.00024	0.01186	0.00010	0.01643	0.00831	14.19	2.2575	3.1	3.60353	0.5
	01B	625.0	0.0	0.00216	0.00178	0.00011	0.00019	0.02915	0.00016	0.01077	0.00010	0.00639	0.00460	9.83	0.4955	12.6	2.49239	1.3
	01C	700.0	0.0	0.00209	0.00211	0.00016	0.00021	0.01285	0.00012	0.01449	0.00012	0.00598	0.00758	7.80	0.5433	15.5	1.97785	1.4
	01D	750.0	0.0	0.00147	0.00128	0.00010	0.00016	0.00786	0.00009	0.01274	0.00012	0.00422	0.00428	9.05	0.4982	15.7	2.29499	1.0
	01E	800.0	0.0	0.00144	0.00132	0.00010	0.00018	0.00931	0.00010	0.01745	0.00012	0.00407	0.00404	9.70	0.4677	17.2	2.45976	0.7
	01F	875.0	0.0	0.00226	0.00230	0.00016	0.00020	0.01482	0.00011	0.02615	0.00014	0.00650	0.00481	8.67	0.3568	15.5	2.19725	0.8
P	01G	975.0	0.0	0.00278	0.00231	0.00019	0.00026	0.01564	0.00011	0.03347	0.00019	0.00804	0.00563	8.47	0.3449	14.8	2.14815	0.7
P	01H	1075.0	0.0	0.00740	0.00414	0.00038	0.00045	0.03399	0.00017	0.07009	0.00021	0.02264	0.00857	7.50	0.2647	9.8	1.90126	0.7
P	01I	1250.0	0.0	0.01718	0.00926	0.00088	0.00095	0.09319	0.00028	0.00163	0.00004	0.05245	0.01391	7.50	0.1886	9.8	1.90184	67.4
P	01J	1700.0	0.0	0.00439	0.00277	0.00004	0.00014	0.00579	0.00008	0.00051	0.00004	0.01469	0.00888	4.64	2.6445	1.1	1.17581	9.5

Weighted Mean Age			8.10097 ±0.11543	
Integrated			8.06694 ±8.05001	
Plateau	**Steps**	G-J	7.66253 ±0.14031	
Isochron			8.00466 ±7.98692	

Sample: MB07-028 **Lab #**: 58611 **J**: 2.19E-03 ±2.19E-03 **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)				
	02A	950.0	0.0	0.00052	0.00072	0.00003	0.00008	0.00926	0.00007	0.00870	0.00011	0.00141	0.00279	13.45	1.0565	20.3	3.41800	0.4
	02B	1050.0	0.0	0.00004	0.00034	7.53E-06	0.00005	0.00086	0.00004	0.00180	0.00006	0.00010	0.00211	9.05	3.2519	38.5	2.29810	0.5
	02C	1120.0	0.0	0.00021	0.00049	0.00005	0.00014	0.00354	0.00008	0.04872	0.00020	0.00033	0.00231	11.08	0.5906	62.6	2.81564	0.1
	02D	1130.0	0.0	0.00015	0.00052	0.00005	0.00012	0.00365	0.00005	0.05865	0.00017	0.00016	0.00211	10.18	0.5056	84.3	2.58637	9.45E-0
	02E	1145.0	0.0	0.00023	0.00073	0.00007	0.00015	0.00447	0.00007	0.07777	0.00030	0.00036	0.00309	9.15	0.5475	67.4	2.32399	9.57E-0
P	02F	1150.0	0.0	0.00037	0.00060	0.00012	0.00021	0.00749	0.00008	-0.00022	0.00003	0.00044	0.00229	7.88	0.2220	64.8	2.00058	-59.4
P	02G	1160.0	0.0	0.00033	0.00059	0.00011	0.00017	0.00637	0.00006	-0.00029	0.00003	0.00040	0.00233	7.72	0.2558	63.4	1.95802	-40.3
P	02H	1200.0	0.0	0.00119	0.00101	0.00042	0.00054	0.02586	0.00018	0.00105	0.00003	0.00124	0.00286	7.62	0.0802	68.9	1.93367	44.3
P	02I	1700.0	0.0	0.00320	0.00226	0.00006	0.00015	0.00532	0.00006	-0.00027	0.00004	0.01053	0.00543	6.33	1.1334	2.8	1.60575	-22.5

Weighted Mean Age			7.79801 ±0.07019	
Integrated			8.22822 ±8.21031	
Plateau	**Steps**	F-I	7.65509 ±0.07234	
Isochron			7.69338 ±7.67699	

Sample: MB07-065 **Lab #**: 58620 **J**: 2.20E-03 ±2.20E-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	0.01504	0.00703	0.00036	0.00042	0.63274	0.00097	0.01377	0.00011	0.04840	0.01163	8.44	0.3882	5.1	2.13085	3.2
P	01B	625.0	0.0	0.00162	0.00125	0.00015	0.00022	0.58392	0.00096	0.01914	0.00011	0.00458	0.00452	7.80	0.3544	18.1	1.96917	1.0
P	01C	700.0	0.0	0.00092	0.00092	0.00008	0.00018	0.04391	0.00018	0.04713	0.00019	0.00262	0.00460	7.79	0.6741	17.2	1.96688	0.2
P	01D	750.0	0.0	0.00070	0.00074	0.00007	0.00014	0.00574	0.00008	0.04645	0.00018	0.00194	0.00321	7.59	0.5186	20.0	1.91736	0.2
P	01E	800.0	0.0	0.00068	0.00090	0.00008	0.00013	0.00504	0.00007	0.03936	0.00025	0.00185	0.00298	6.95	0.4390	20.8	1.75466	0.3
P	01F	875.0	0.0	0.00088	0.00088	0.00008	0.00016	0.00453	0.00007	0.03665	0.00023	0.00254	0.00376	6.99	0.5658	15.7	1.76536	0.3
P	01G	975.0	0.0	0.00054	0.00056	0.00007	0.00015	0.00336	0.00006	0.03942	0.00021	0.00141	0.00277	7.34	0.4420	25.3	1.85254	0.2
P	01H	1075.0	0.0	0.00031	0.00058	0.00006	0.00016	0.00237	0.00005	0.03534	0.00013	0.00067	0.00254	7.29	0.4665	38.8	1.83991	0.2
	01I	1250.0	0.0	0.00125	0.00104	0.00012	0.00021	0.00691	0.00009	0.00085	0.00002	0.00409	0.00479	1.25	0.4723	3.0	0.31626	17.3
	01J	1700.0	0.0	0.00490	0.00253	0.00006	0.00013	0.00699	0.00010	0.00112	0.00002	0.01665	0.00727	-1.69	1.5603	-0.5	-0.42576	6.1

Weighted Mean Age			6.84368 ±0.15173	
Integrated			6.65999 ±6.65019	
Plateau	**Steps**	A-H	7.62513 ±0.17163	
Isochron			6.06692 ±6.05673	

Sample: MB07-046 **Lab #**: 58773 **J**: 9.89E-04 ±9.89E-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
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
	01L	550.0	0.0	-0.00038	0.00068	-4.76E-0	0.00002	-0.00027	0.00003	-0.00004	0.00002	-0.00134	0.00266	-428.01	453.3388	-2.6	-213.658	7

Sample: MB07-046 **Lab #**: 58773 **J**: 9.89E-04 ±9.89E-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
	01M	625.0	0.0	0.00375	0.00309	0.00007	0.00013	0.00327	0.00006	-0.00059	0.00010	0.01199	0.00829	5.52	0.6442	5.6	3.10231	-6
P	01N	700.0	0.0	0.00106	0.00118	0.00009	0.00017	0.00173	0.00005	0.00994	0.00010	0.00237	0.00446	7.10	0.2538	34.8	3.98825	0
P	01O	750.0	0.0	0.00070	0.00105	0.00009	0.00018	0.00147	0.00005	0.01116	0.00008	0.00110	0.00376	7.49	0.2191	54.7	4.20916	0
P	01P	800.0	0.0	0.00062	0.00104	0.00009	0.00016	0.00124	0.00005	0.00985	0.00011	0.00087	0.00369	7.74	0.2265	60.0	4.34954	0
P	01Q	875.0	0.0	0.00069	0.00101	0.00009	0.00017	0.00121	0.00005	0.01102	0.00011	0.00110	0.00384	7.58	0.2333	53.9	4.25918	0
P	01R	975.0	0.0	0.00076	0.00110	0.00006	0.00012	0.00103	0.00005	0.00966	0.00012	0.00177	0.00413	7.29	0.3719	31.8	4.09336	0
P	01S	1075.0	0.0	0.00086	0.00128	0.00005	0.00010	0.00109	0.00004	0.00876	0.00009	0.00222	0.00441	7.73	0.4870	24.2	4.34147	0
P	01T	1150.0	0.0	0.00069	0.00105	0.00003	0.00009	0.00079	0.00004	0.01051	0.00010	0.00201	0.00423	6.89	0.7922	15.7	3.87131	0
	01U	1250.0	0.0	0.00364	0.00263	0.00017	0.00024	0.00440	0.00008	0.00933	0.00010	0.01062	0.00663	5.27	0.2034	14.0	2.95823	1
	01V	1450.0	0.0	0.00040	0.00094	0.00002	0.00008	0.00047	0.00004	0.00050	0.00015	0.00120	0.00396	3.77	1.0291	10.9	2.11500	2
	01W	1700.0	0.0	-0.00010	0.00079	4.28E-06	0.00004	-7.81E-0	0.00003	0.00663	0.00006	-0.00037	0.00324	7.10	4.0200	-17.3	3.99006	3

Weighted Mean Age			6.94167	±0.09331
Integrated			6.69522	±6.68378
Plateau	**Steps**	C-I	7.48971	±0.10804
Isochron			7.49343	±7.47789

Sample: MB07-084 **Lab #**: 58624 **J**: 2.22E-03 ±2.22E-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	0.00269	0.00215	0.00003	0.00009	0.14150	0.00044	0.00802	0.00010	0.00878	0.00612	14.09	2.4340	3.9	3.52323	0.5
P	01B	625.0	0.0	0.00047	0.00066	0.00016	0.00026	0.01501	0.00012	0.03180	0.00018	0.00052	0.00508	8.13	0.3758	69.5	2.02937	0.6
P	01C	700.0	0.0	0.00082	0.00104	0.00040	0.00062	0.01021	0.00010	0.06601	0.00030	0.00029	0.00235	7.63	0.0745	91.8	1.90607	0.7
P	01D	750.0	0.0	0.00077	0.00070	0.00040	0.00049	0.00706	0.00010	0.06481	0.00029	0.00015	0.00210	7.41	0.0650	96.6	1.84909	0.8
P	01E	800.0	0.0	0.00063	0.00078	0.00033	0.00044	0.00525	0.00008	0.06547	0.00021	0.00016	0.00222	7.43	0.0845	95.7	1.85497	0.6
P	01F	875.0	0.0	0.00059	0.00082	0.00030	0.00046	0.00464	0.00006	0.07249	0.00027	0.00021	0.00222	7.44	0.0930	93.3	1.85678	0.5
P	01G	975.0	0.0	0.00036	0.00068	0.00017	0.00024	0.00292	0.00005	0.06526	0.00028	0.00022	0.00250	7.60	0.1841	87.3	1.89847	0.3

Weighted Mean Age			7.49043	±0.03753
Integrated			7.66135	±7.64537
Plateau	**Steps**	B-G	7.48390	±0.03834
Isochron			7.20621	±7.19184

Sample: AF-217plag **Lab #**: 61611 **J**: 4.87E-03 ±4.87E-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	0.04035	0.04656	0.00024	0.01864	0.19962	0.03569	0.15236	0.07281	0.13873	0.16677	-21.48	18.5903	-1.4	-2.42956	0.2
	01B	20.0	0.0	0.03350	0.03848	0.00014	0.01789	0.12766	0.03284	0.11997	0.07242	0.11576	0.12307	-41.30	23.9409	-2.0	-4.64710	0.1

Sample: AF-217plag **Lab #**: 61611 **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/Ca
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01C	21.0	0.0	0.02809	0.04272	0.00026	0.02082	0.25963	0.03894	0.14786	0.07027	0.09286	0.12547	24.05	12.5553	2.6	2.75528	0.2
P	01D	22.0	0.0	0.03704	0.03739	0.00359	0.01813	0.36460	0.03206	3.97579	0.06718	0.12027	0.12665	7.67	0.9242	8.4	0.87447	8.94E-0
P	01E	25.0	0.0	0.04998	0.04359	0.04909	0.02271	0.67882	0.03365	55.68721	0.06833	0.10422	0.12126	7.50	0.0649	83.7	0.85521	8.74E-0
P	01F	30.0	0.0	0.05803	0.04446	0.06730	0.02688	0.81370	0.03944	76.74111	0.07186	0.11036	0.16037	7.41	0.0624	97.6	0.84452	8.69E-0
P	01G	35.0	0.0	0.03735	0.04437	0.04387	0.02646	0.51902	0.03952	48.61322	0.11680	0.06618	0.11610	7.53	0.0701	100.6	0.85892	8.94E-0
P	01H	40.0	0.0	0.03559	0.04167	0.04186	0.02219	0.55025	0.03533	45.96571	0.09046	0.06444	0.10230	7.41	0.0647	99.0	0.84462	9.02E-0
P	01I	45.0	0.0	0.02903	0.04227	0.03432	0.02198	0.37702	0.03651	37.39149	0.06831	0.05183	0.11041	7.41	0.0847	99.6	0.84552	9.09E-0
P	01J	50.0	0.0	0.02496	0.04065	0.02974	0.02229	0.33150	0.03418	31.95668	0.06768	0.04344	0.10071	7.43	0.0893	100.6	0.84740	9.22E-0
P	01K	60.0	0.0	0.02922	0.03878	0.03457	0.02097	0.43664	0.03143	36.91216	0.06885	0.05072	0.09050	7.44	0.0692	100.1	0.84861	9.28E-0
P	01L	75.0	0.0	0.02968	0.04026	0.03261	0.02107	0.40948	0.03427	35.21053	0.07732	0.05425	0.08691	7.55	0.0707	94.3	0.86063	9.17E-0

Weighted Mean Age			7.46033 ±0.02492	
Integrated			7.43135 ±7.41615	
Plateau	**Steps**	C-L	7.44825 ±0.02662	
Isochron			3.47860 ±3.47525	

Sample: MB07-033 **Lab #**: 58771 **J**: 9.82E-04 ±9.82E-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)				
	01A	550.0	0.0	-0.00002	0.00016	-1.29E-0	0.00002	-0.00003	0.00001	-0.00002	0.00003	-0.00007	0.00174	22.64	69.9838	7.0	12.85850	0.4
	01B	625.0	0.0	0.00302	0.00225	0.00007	0.00015	0.00265	0.00004	0.00473	0.00006	0.00942	0.00543	6.31	0.4283	7.9	3.56778	0.9
P	01C	700.0	0.0	0.00130	0.00121	0.00010	0.00014	0.00180	0.00004	0.00857	0.00008	0.00301	0.00352	7.36	0.1862	31.9	4.16045	0.7
P	01D	750.0	0.0	0.00085	0.00077	0.00010	0.00014	0.00151	0.00004	0.00003	0.00010	0.00155	0.00279	7.38	0.1536	46.5	4.17260	170.3
P	01E	800.0	0.0	0.00072	0.00065	0.00008	0.00017	0.00132	0.00004	0.00930	0.00008	0.00130	0.00240	7.22	0.1508	47.5	4.08595	0.5
P	01F	875.0	0.0	0.00142	0.00117	0.00013	0.00020	0.00223	0.00005	0.01448	0.00011	0.00290	0.00368	7.73	0.1492	40.1	4.37267	0.5
P	01G	975.0	0.0	0.00107	0.00085	0.00013	0.00017	0.00191	0.00005	0.01552	0.00011	0.00184	0.00264	7.49	0.1106	50.1	4.23768	0.5
	01H	1075.0	0.0	0.00046	0.00061	0.00006	0.00012	0.00096	0.00003	0.00958	0.00008	0.00084	0.00273	6.53	0.2406	47.7	3.69202	0.4
	01I	1175.0	0.0	0.00086	0.00084	0.00007	0.00013	0.00133	0.00004	0.02440	0.00017	0.00224	0.00324	5.67	0.2614	24.6	3.20751	0.2
	01J	1250.0	0.0	0.00282	0.00249	0.00017	0.00024	0.00375	0.00006	0.00521	0.00010	0.00767	0.00452	5.85	0.1427	19.8	3.30621	2.0
	01K	1450.0	0.0	0.00112	0.00100	0.00005	0.00012	0.00127	0.00004	0.00204	0.00076	0.00329	0.00391	5.00	0.3883	13.3	2.82472	1.6
	01L	1700.0	0.0	0.00017	0.00034	0.00001	0.00006	0.00022	0.00003	0.00035	0.00012	0.00052	0.00218	3.42	0.9889	12.8	1.93379	2.0

Weighted Mean Age			7.01324 ±0.05455	
Integrated			6.73250 ±6.72027	
Plateau	**Steps**	C-G	7.43092 ±0.07903	
Isochron			7.43251 ±7.41722	

Sample: MB07-032 **Lab #**: 58770 **J**: 9.61E-04 ±9.61E-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)				
	01A	550.0	0.0	-0.00003	0.00023	-1.39E-0	0.00003	-0.00004	0.00001	-0.00006	0.00002	-0.00007	0.00129	53.68	47.4250	17.4	31.42972	0.2
	01B	625.0	0.0	0.00229	0.00177	0.00006	0.00013	0.00210	0.00004	0.00027	0.00029	0.00705	0.00450	5.72	0.3735	9.0	3.30420	14.1
P	01C	700.0	0.0	0.00110	0.00094	0.00010	0.00018	0.00165	0.00004	0.00833	0.00009	0.00233	0.00292	7.49	0.1549	38.1	4.32813	0.7
P	01D	750.0	0.0	0.00084	0.00086	0.00009	0.00017	0.00140	0.00004	0.00935	0.00009	0.00158	0.00249	7.10	0.1400	45.0	4.10542	0.6
P	01E	800.0	0.0	0.00080	0.00083	0.00008	0.00015	0.00126	0.00004	0.01022	0.00008	0.00151	0.00241	7.51	0.1517	44.7	4.33965	0.5
P	01F	875.0	0.0	0.00123	0.00087	0.00011	0.00019	0.00185	0.00003	0.01576	0.00011	0.00260	0.00354	7.35	0.1652	38.2	4.25109	0.4
P	01G	975.0	0.0	0.00090	0.00098	0.00010	0.00018	0.00145	0.00004	0.00043	0.00021	0.00168	0.00253	7.33	0.1353	45.3	4.23582	13.7
	01H	1075.0	0.0	0.00041	0.00054	0.00004	0.00013	0.00072	0.00003	0.00953	0.00010	0.00086	0.00238	6.58	0.2816	40.0	3.80056	0.3
	01I	1175.0	0.0	0.00069	0.00085	0.00004	0.00009	0.00093	0.00003	0.00054	0.00015	0.00191	0.00283	5.54	0.3775	17.9	3.19796	4.3
	01J	1250.0	0.0	0.00271	0.00225	0.00016	0.00020	0.00360	0.00006	0.00873	0.00011	0.00769	0.00522	4.91	0.1727	16.4	2.83758	1.1
	01K	1450.0	0.0	0.00048	0.00056	0.00002	0.00007	0.00054	0.00003	0.00263	0.00022	0.00156	0.00250	1.63	0.7826	3.2	0.93833	0.4
	01L	1700.0	0.0	0.00011	0.00032	6.45E-06	0.00007	0.00014	0.00002	0.01140	0.00013	0.00037	0.00180	3.38	1.4490	10.9	1.95270	3.40E

Weighted Mean Age			6.90758	±0.05874
Integrated			6.46498	±6.45378
Plateau	**Steps**	C-G	7.35068	±0.07608
Isochron			7.73946	±7.72288

Sample: MB07-103 **Lab #**: 58780 **J**: 9.81E-04 ±9.81E-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	0.00019	-1.22E-0	0.00002	-0.00004	0.00006	-7.35E-0	0.00002	-0.00010	0.00107	24.52	45.8333	5.2	13.95522	0.9
P	01B	625.0	0.0	0.01787	0.01145	0.00002	0.00013	0.01172	0.00011	0.00155	0.00005	0.06026	0.01551	5.37	4.0366	0.4	3.03721	0.8
P	01C	700.0	0.0	0.00549	0.00340	0.00004	0.00009	0.00393	0.00008	0.00203	0.00005	0.01812	0.00871	6.81	1.2698	2.5	3.85567	1.0
P	01D	750.0	0.0	0.00411	0.00258	0.00005	0.00012	0.00320	0.00009	0.00246	0.00006	0.01324	0.00742	7.67	0.8230	5.0	4.34443	1.1
P	01E	800.0	0.0	0.00377	0.00270	0.00006	0.00013	0.00294	0.00008	-0.00070	0.00009	0.01182	0.00795	8.68	0.7479	7.3	4.91984	-4.5
P	01F	875.0	0.0	0.01267	0.00778	0.00018	0.00026	0.00986	0.00012	0.01216	0.00012	0.04029	0.01343	7.62	0.3976	6.1	4.31426	0.8
P	01G	975.0	0.0	0.01228	0.00771	0.00023	0.00037	0.01016	0.00012	0.00088	0.00023	0.03841	0.01523	7.21	0.3517	7.6	4.08299	14.8
P	01H	1075.0	0.0	0.00423	0.00314	0.00017	0.00028	0.00450	0.00009	0.01638	0.00013	0.01193	0.00709	7.39	0.2191	16.9	4.18282	0.6
P	01I	1175.0	0.0	0.00227	0.00174	0.00011	0.00017	0.00264	0.00008	0.01610	0.00012	0.00620	0.00405	7.21	0.1924	20.0	4.08313	0.4
P	01J	1250.0	0.0	0.01048	0.00471	0.00028	0.00039	0.00969	0.00009	0.00530	0.00019	0.03178	0.00858	7.01	0.1649	10.4	3.96943	2.9
	01K	1450.0	0.0	0.00456	0.00242	0.00012	0.00019	0.00424	0.00009	0.00379	0.00010	0.01390	0.00748	6.46	0.3151	10.0	3.65570	1.9
	01L	1700.0	0.0	0.00160	0.00116	0.00002	0.00009	0.00124	0.00007	0.01504	0.00014	0.00523	0.00420	7.78	1.4277	4.2	4.40606	5.80E

Weighted Mean Age			7.16114	±0.09386
Integrated			7.21883	±7.20571
Plateau	**Steps**	A-J	7.34833	±0.12292
Isochron			7.03312	±7.01943

Sample: MB07-104 **Lab #**: 58625 **J**: 2.23E-03 ±2.23E-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)				
	01A	625.0	0.0	0.00261	0.00198	0.00016	0.00024	0.07513	0.00022	0.01884	0.00015	0.00751	0.00510	10.15	0.3814	15.5	2.52908	1.0
	01B	700.0	0.0	0.00259	0.00203	0.00032	0.00047	0.02180	0.00014	0.03753	0.00019	0.00640	0.00520	8.77	0.1926	27.3	2.18432	1.0
	01C	750.0	0.0	0.00179	0.00128	0.00021	0.00029	0.00744	0.00010	0.02957	0.00017	0.00469	0.00669	7.88	0.3790	23.0	1.96246	0.8
	01D	800.0	0.0	0.00265	0.00256	0.00019	0.00022	0.00857	0.00010	0.03753	0.00018	0.00783	0.00643	7.54	0.4115	13.2	1.87590	0.6
	01E	875.0	0.0	0.00519	0.00315	0.00026	0.00046	0.01370	0.00010	0.05825	0.00029	0.01545	0.00844	9.76	0.3815	12.4	2.43111	0.5
P	01F	975.0	0.0	0.00470	0.00265	0.00028	0.00045	0.01240	0.00010	0.07146	0.00030	0.01410	0.00765	8.07	0.3318	11.8	2.00806	0.5
P	01G	1075.0	0.0	0.00384	0.00256	0.00026	0.00048	0.01159	0.00009	0.07423	0.00031	0.01154	0.00622	7.11	0.2921	11.8	1.76969	0.4
P	01H	1250.0	0.0	0.02232	0.01126	0.00062	0.00072	0.05666	0.00024	0.00222	0.00004	0.07191	0.01569	6.93	0.3084	4.8	1.72432	33.3
P	01I	1700.0	0.0	0.00466	0.00349	0.00004	0.00012	0.00516	0.00008	-0.00032	0.00004	0.01548	0.00742	8.29	2.2118	1.8	2.06454	-15.1

Weighted Mean Age			8.27101 ±0.10841
Integrated			8.03636 ±8.01950
Plateau	**Steps**	F-I	7.32587 ±0.17868
Isochron			8.47515 ±8.45527

Sample: MB07-081 **Lab #**: 58623 **J**: 2.21E-03 ±2.21E-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)				
	02A	550.0	0.0	0.01836	0.00887	0.00004	0.00013	0.09896	0.00024	0.00600	0.00008	0.06104	0.01252	35.30	4.0497	1.8	8.92835	0.7
P	02B	625.0	0.0	0.00153	0.00122	0.00007	0.00017	0.00860	0.00010	0.01231	0.00013	0.00472	0.00416	7.76	0.7011	8.9	1.94803	0.7
P	02C	700.0	0.0	0.00142	0.00109	0.00022	0.00037	0.00488	0.00008	0.03710	0.00020	0.00346	0.00413	7.52	0.2241	29.0	1.88874	0.7
P	02D	750.0	0.0	0.00214	0.00198	0.00025	0.00041	0.00612	0.00008	0.03745	0.00016	0.00571	0.00527	7.47	0.2555	21.5	1.87610	0.8
P	02E	800.0	0.0	0.00092	0.00082	0.00021	0.00030	0.00382	0.00007	0.03882	0.00018	0.00193	0.00332	6.93	0.1895	39.3	1.73821	0.6
P	02F	875.0	0.0	0.00071	0.00081	0.00019	0.00022	0.00326	0.00006	0.05080	0.00023	0.00131	0.00303	6.99	0.1889	47.5	1.75363	0.4
P	02G	975.0	0.0	0.00084	0.00065	0.00012	0.00020	0.00306	0.00006	0.03417	0.00015	0.00210	0.00332	7.56	0.3283	27.1	1.89866	0.4
	02H	1075.0	0.0	0.00064	0.00075	0.00008	0.00016	0.00264	0.00004	0.02028	0.00014	0.00181	0.00293	5.76	0.4453	17.6	1.44463	0.4
	02I	1250.0	0.0	0.00685	0.00424	0.00031	0.00048	0.01787	0.00015	0.00025	0.00003	0.02165	0.00996	5.91	0.3877	6.6	1.48259	144.3
	02J	1700.0	0.0	0.00800	0.00511	0.00023	0.00041	0.01373	0.00008	0.00060	0.00003	0.02576	0.00824	6.73	0.4373	4.8	1.68942	44.3

Weighted Mean Age			7.07431 ±0.09152
Integrated			7.52518 ±7.51092
Plateau	**Steps**	B-G	7.18079 ±0.10362
Isochron			6.55345 ±6.54156

Sample: MB07-073 **Lab #**: 57722 **J**: 7.61E-04 ±7.61E-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	0.00234	0.00198	0.00003	0.00008	0.00175	0.00004	0.00407	0.00007	0.00737	0.00506	8.71	0.7932	7.1	6.36523	1.4
P	01B	625.0	0.0	0.00077	0.00077	0.00010	0.00016	0.00150	0.00005	0.02019	0.00013	0.00083	0.00196	7.10	0.0796	68.5	5.18513	1.1
P	01C	700.0	0.0	0.00079	0.00069	0.00013	0.00017	0.00170	0.00004	0.04162	0.00018	0.00043	0.00176	7.18	0.0571	84.9	5.24484	0.7
P	01D	750.0	0.0	0.00044	0.00059	0.00007	0.00013	0.00089	0.00003	0.03051	0.00016	0.00035	0.00149	7.01	0.0921	78.1	5.11614	0.5
P	01E	800.0	0.0	0.00041	0.00057	0.00006	0.00013	0.00079	0.00003	0.02575	0.00013	0.00038	0.00141	6.95	0.0981	73.9	5.07337	0.5
P	01F	875.0	0.0	0.00043	0.00058	0.00006	0.00012	0.00079	0.00004	0.03210	0.00015	0.00051	0.00189	7.09	0.1394	66.7	5.17799	0.4
P	01G	975.0	0.0	0.00042	0.00046	0.00006	0.00013	0.00076	0.00003	0.04931	0.00018	0.00044	0.00176	7.06	0.1268	71.2	5.15680	0.2
	01H	1075.0	0.0	0.00026	0.00041	0.00003	0.00008	0.00050	0.00003	0.04249	0.00020	0.00039	0.00157	6.24	0.1958	58.1	4.55711	0.2
	01I	1250.0	0.0	0.00083	0.00089	0.00004	0.00009	0.00111	0.00004	0.00111	0.00002	0.00231	0.00284	4.56	0.2637	17.6	3.32621	8.5
	01J	1700.0	0.0	0.00153	0.00109	5.28E-06	0.00005	0.00097	0.00004	0.03365	0.00017	0.00512	0.00420	5.87	3.2626	1.5	4.28330	3.33E-02

Weighted Mean Age			7.02783	±0.03445
Integrated			6.90716	±6.89422
Plateau	**Steps**	A-G	7.10082	±0.03676
Isochron			6.94828	±6.93491

Sample: MB07-071 **Lab #**: 58775 **J**: 9.67E-04 ±9.67E-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/
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01A	550.0	0.0	-0.00002	0.00015	-5.01E-0	0.00002	-0.00002	0.00001	-0.00004	0.00002	-0.00005	0.00099	173.13	112.3865	25.0	104.1798	7.7
P	01B	625.0	0.0	0.00313	0.00244	0.00002	0.00009	0.00226	0.00005	0.00417	0.00005	0.01045	0.00640	3.77	1.4491	1.6	2.16282	0.3
P	01C	700.0	0.0	0.00114	0.00085	0.00003	0.00008	0.00109	0.00004	0.00778	0.00008	0.00352	0.00349	6.12	0.5765	9.6	3.51232	0.2
P	01D	750.0	0.0	0.00073	0.00077	0.00004	0.00011	0.00087	0.00004	0.01071	0.00010	0.00198	0.00268	6.77	0.3562	20.8	3.89157	0.2
P	01E	800.0	0.0	0.00071	0.00060	0.00005	0.00012	0.00092	0.00003	-7.15E-0	0.00037	0.00173	0.00456	7.25	0.4934	28.0	4.16509	-39
P	01F	875.0	0.0	0.00120	0.00095	0.00007	0.00014	0.00143	0.00003	0.00059	0.00041	0.00309	0.00360	7.19	0.2715	23.7	4.13189	6.9
P	01G	975.0	0.0	0.00127	0.00085	0.00007	0.00013	0.00157	0.00003	0.00055	0.00033	0.00331	0.00314	7.00	0.2192	23.3	4.02033	8.1
P	01H	1075.0	0.0	0.00104	0.00081	0.00004	0.00011	0.00114	0.00003	0.00155	0.00058	0.00295	0.00309	6.52	0.3567	16.1	3.74234	1.7
	01I	1250.0	0.0	0.00481	0.00305	0.00012	0.00021	0.00452	0.00006	0.00773	0.00049	0.01520	0.00713	4.68	0.3053	6.8	2.68535	0.9
	01J	1700.0	0.0	0.00332	0.00241	0.00007	0.00012	0.00291	0.00005	0.00670	0.00060	0.01059	0.00606	5.17	0.4774	5.9	2.96844	0.6

Weighted Mean Age			6.46300	±0.11718
Integrated			5.99441	±5.98618
Plateau	**Steps**	A-H	6.95269	±0.14163
Isochron			7.54972	±7.53395

Sample: MB07-147 **Lab #**: 58781 **J**: 9.72E-04 ±9.72E-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	-1.23E-0	0.00003	-0.00005	0.00001	-0.00002	0.00002	-0.00009	0.00106	7.13	44.4643	1.9	4.07461	0.4
	01B	625.0	0.0	0.01574	0.00795	0.00002	0.00011	0.01040	0.00009	0.00151	0.00006	0.05291	0.01564	8.21	3.5347	0.7	4.69093	0.9
	01C	700.0	0.0	0.00853	0.00369	0.00004	0.00011	0.00602	0.00006	0.00319	0.00005	0.02829	0.01019	7.46	1.2980	2.0	4.26010	0.7
	01D	750.0	0.0	0.00656	0.00366	0.00004	0.00010	0.00457	0.00009	0.00379	0.00005	0.02163	0.00925	6.94	1.1414	2.6	3.96669	0.6
	01E	800.0	0.0	0.00987	0.00483	0.00006	0.00015	0.00685	0.00011	0.00561	0.00007	0.03253	0.01202	7.62	1.0586	2.6	4.35135	0.6
	01F	875.0	0.0	0.01338	0.05021	0.00010	0.00039	0.00947	0.00017	0.01170	0.00016	0.04278	0.02600	12.79	1.5683	5.6	7.31735	0.5
P	01G	975.0	0.0	0.01853	0.01119	0.00015	0.00025	0.01370	0.00010	0.00051	0.00012	0.06052	0.02096	7.47	0.7307	3.5	4.27000	16.6
P	01H	1075.0	0.0	0.00797	0.00362	0.00014	0.00027	0.00659	0.00009	0.01428	0.00015	0.02514	0.00969	6.78	0.3570	6.9	3.87258	0.6
P	01I	1175.0	0.0	0.00400	0.00271	0.00012	0.00021	0.00384	0.00006	0.01401	0.00012	0.01205	0.00594	6.66	0.2618	11.3	3.80706	0.5
P	01J	1250.0	0.0	0.01902	0.00894	0.00026	0.00047	0.01494	0.00012	0.00335	0.00010	0.06076	0.01834	7.22	0.3707	5.6	4.12248	4.4
P	01K	1450.0	0.0	0.00992	0.00458	0.00012	0.00021	0.00763	0.00009	0.00555	0.00014	0.03197	0.01019	6.79	0.4346	4.8	3.87784	1.2
P	01L	1700.0	0.0	0.00287	0.00217	6.98E-06	0.00007	0.00194	0.00006	0.01100	0.00008	0.00961	0.00601	9.06	4.5138	1.3	5.18159	3.54E

Weighted Mean Age 6.95064 ±0.15878

Integrated 7.67160 ±7.65934

Plateau **Steps** G-L 6.85665 ±0.16468

Isochron 6.43984 ±6.42836

Sample: MB07-149 **Lab #**: 58782 **J**: 9.81E-04 ±9.81E-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	0.00028	-1.79E-0	0.00003	-0.00003	0.00002	-0.00004	0.00003	-0.00010	0.00099	-31.51	29.9802	-12.1	-17.6478	0.3
	01B	625.0	0.0	0.01461	0.00720	0.00002	0.00012	0.00946	0.00011	0.00148	0.00006	0.04904	0.01760	9.15	3.9773	0.8	5.18143	0.9
	01C	700.0	0.0	0.00664	0.00396	0.00003	0.00011	0.00459	0.00007	0.00303	0.00006	0.02232	0.01119	3.32	2.1144	0.8	1.87724	0.5
	01D	750.0	0.0	0.00488	0.00264	0.00003	0.00011	0.00349	0.00007	0.00391	0.00006	0.01623	0.00953	5.25	1.6679	1.8	2.96846	0.4
	01E	800.0	0.0	0.00456	0.00293	0.00004	0.00011	0.00330	0.00008	0.00569	0.00007	0.01489	0.00676	8.09	0.9724	3.7	4.58253	0.4
	01F	875.0	0.0	0.00626	0.00395	0.00006	0.00013	0.00461	0.00007	0.01115	0.00007	0.02054	0.00948	6.24	0.8840	3.2	3.53175	0.3
	01G	975.0	0.0	0.01324	0.00936	0.00011	0.00019	0.00972	0.00014	0.01896	0.00013	0.04302	0.01199	8.92	0.6000	4.1	5.05205	0.3
P	01H	1075.0	0.0	0.00993	0.00505	0.00010	0.00019	0.00738	0.00006	0.00065	0.00010	0.03231	0.00963	6.52	0.4875	3.9	3.69105	9.0
P	01I	1175.0	0.0	0.00294	0.00211	0.00008	0.00016	0.00277	0.00006	0.01398	0.00010	0.00895	0.00584	6.96	0.3918	10.5	3.94258	0.3
P	01J	1250.0	0.0	0.01357	0.01198	0.00016	0.00032	0.01041	0.00012	0.00383	0.00013	0.04385	0.01118	6.67	0.3797	4.5	3.77535	2.4
P	01K	1450.0	0.0	0.00960	0.00483	0.00013	0.00020	0.00751	0.00009	0.00888	0.00030	0.03108	0.00954	5.88	0.3951	4.4	3.33032	0.8
	01L	1700.0	0.0	0.00076	0.00082	8.20E-06	0.00006	0.00056	0.00003	0.00018	0.00012	0.00254	0.00309	2.11	1.9783	1.3	1.19209	2.6

Weighted Mean Age 6.70844 ±0.18232

Integrated 6.76001 ±6.75152

Plateau **Steps** H-K 6.74320 ±0.23797

Isochron 6.30395 ±6.29295

Sample: MB07-154 **Lab #**: 58783 **J**: 9.98E-04 ±9.98E-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)				
	01A	550.0	0.0	-0.00002	0.00028	-1.47E-0	0.00003	-0.00002	0.00002	0.00002	0.00002	-0.00009	0.00109	-16.58	40.0635	-5.7	-9.17141	-0.3
	01B	625.0	0.0	0.00432	0.00282	0.00005	0.00014	0.00331	0.00004	0.00362	0.00005	0.01410	0.00702	5.31	0.7239	3.5	2.95339	0.8
	01C	700.0	0.0	0.00173	0.00110	0.00008	0.00018	0.00192	0.00005	0.00908	0.00011	0.00476	0.00413	7.03	0.2661	18.8	3.91582	0.5
	01D	750.0	0.0	0.00112	0.00095	0.00007	0.00013	0.00146	0.00005	0.00958	0.00009	0.00277	0.00325	7.41	0.2362	27.2	4.12365	0.4
	01E	800.0	0.0	0.00104	0.00091	0.00007	0.00013	0.00129	0.00004	0.00966	0.00009	0.00253	0.00306	8.23	0.2498	28.8	4.58269	0.4
	01F	875.0	0.0	0.00211	0.00168	0.00008	0.00016	0.00212	0.00004	0.00012	0.00014	0.00602	0.00452	7.34	0.3036	15.5	4.08468	38.4
	01G	975.0	0.0	0.00182	0.00100	0.00009	0.00016	0.00198	0.00004	0.00015	0.00013	0.00489	0.00400	7.70	0.2465	20.4	4.28893	31.7
	01H	1075.0	0.0	0.00112	0.00094	0.00006	0.00011	0.00130	0.00005	0.01192	0.00013	0.00294	0.00327	7.33	0.2798	22.8	4.08203	0.3
P	01I	1175.0	0.0	0.00097	0.00089	0.00005	0.00011	0.00122	0.00003	0.01049	0.00009	0.00269	0.00354	6.35	0.3704	18.6	3.53449	0.3
P	01J	1250.0	0.0	0.00049	0.00062	0.00002	0.00009	0.00054	0.00003	0.00652	0.00006	0.00146	0.00218	5.37	0.5442	13.1	2.98827	0.2
P	01K	1450.0	0.0	0.01328	0.01034	0.00043	0.00058	0.01342	0.00009	0.01098	0.00011	0.03961	0.01551	6.63	0.1971	11.9	3.68991	2.2
P	01L	1700.0	0.0	0.00034	0.00065	6.99E-06	0.00006	0.00033	0.00002	-0.00012	0.00009	0.00109	0.00188	4.63	1.4371	5.3	2.57481	-3.2

Weighted Mean Age 7.17864 ±0.08876

Integrated 6.89399 ±6.88167

Plateau **Steps** I-L 6.45586 ±0.16576

Isochron 7.77045 ±7.75374

Sample: MB07-068 **Lab #**: 57731 **J**: 7.56E-04 ±7.56E-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	0.00043	0.00058	0.00002	0.00008	0.00045	0.00002	-0.00155	0.00010	0.00114	0.00353	6.51	0.7284	21.7	4.78219	-2.5
P	01B	1050.0	0.0	0.00002	0.00022	3.28E-06	0.00003	0.00003	0.00002	-0.00526	0.00008	6.22E-07	0.00127	7.05	1.5536	92.8	5.17982	-0.1
P	01C	1120.0	0.0	0.00031	0.00055	0.00001	0.00006	0.00038	0.00002	0.01108	0.00014	0.00083	0.00210	6.93	0.5898	23.2	5.08679	0.3
P	01D	1130.0	0.0	0.00014	0.00022	0.00002	0.00007	0.00026	0.00002	0.02581	0.00013	0.00027	0.00146	5.42	0.3588	47.0	3.97711	0.1
P	01E	1145.0	0.0	0.00023	0.00053	0.00004	0.00009	0.00055	0.00002	0.06062	0.00018	0.00021	0.00131	6.27	0.1427	78.3	4.60250	0.1
P	01F	1150.0	0.0	0.00016	0.00024	0.00003	0.00009	0.00040	0.00002	0.04490	0.00018	0.00012	0.00130	6.20	0.1849	83.2	4.55645	0.1
P	01G	1160.0	0.0	0.00018	0.00036	0.00003	0.00010	0.00037	0.00003	-0.00001	0.00002	0.00012	0.00113	5.84	0.1374	80.1	4.28959	-479.0
	01H	1200.0	0.0	0.00042	0.00050	0.00005	0.00011	0.00074	0.00002	0.00020	0.00002	0.00079	0.00205	5.14	0.1703	44.0	3.77169	47.5
	01I	1700.0	0.0	0.00158	0.00110	6.75E-06	0.00004	0.00112	0.00004	0.00157	0.00002	0.00561	0.00435	-16.36	2.6355	-5.1	-11.9427	0.8

Weighted Mean Age 5.87305 ±0.07476

Integrated 5.21906 ±5.21324

Plateau **Steps** A-G 6.20401 ±0.10464

Isochron 5.85975 ±5.85024

Sample: MB07-063 **Lab #**: 58619 **J**: 2.20E-03 ±2.20E-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)				
	01A	550.0	0.0	0.00761	0.00427	0.00032	0.00058	0.47471	0.00086	0.01877	0.00012	0.02355	0.00958	8.45	0.3584	8.9	2.13327	2.1
	01B	625.0	0.0	0.00181	0.00133	0.00022	0.00033	0.31440	0.00094	0.04620	0.00024	0.00497	0.00483	6.63	0.2617	20.1	1.67180	0.6
P	01C	700.0	0.0	0.00064	0.00081	0.00032	0.00047	0.04915	0.00025	0.09085	0.00033	0.00075	0.00227	5.53	0.0886	69.8	1.39538	0.4
P	01D	750.0	0.0	0.00043	0.00060	0.00025	0.00036	0.00994	0.00014	0.05585	0.00014	0.00033	0.00205	5.51	0.0998	81.2	1.38895	0.6
P	01E	800.0	0.0	0.00032	0.00057	0.00018	0.00024	0.00632	0.00009	0.03794	0.00021	0.00028	0.00207	5.47	0.1385	77.4	1.37928	0.6
P	01F	875.0	0.0	0.00026	0.00057	0.00013	0.00021	0.00352	0.00007	0.03278	0.00018	0.00027	0.00228	5.75	0.2067	72.8	1.45126	0.5
P	01G	975.0	0.0	0.00023	0.00048	0.00009	0.00016	0.00246	0.00005	0.02659	0.00016	0.00037	0.00196	5.80	0.2708	55.5	1.46359	0.4
P	01H	1075.0	0.0	0.00023	0.00052	0.00008	0.00014	0.00233	0.00005	0.03103	0.00017	0.00045	0.00233	5.36	0.3534	46.2	1.35210	0.3
	01I	1250.0	0.0	0.00135	0.00104	0.00042	0.00052	0.02560	0.00015	0.00300	0.00004	0.00410	0.00432	1.25	0.1200	9.9	0.31441	17.5
	01J	1700.0	0.0	0.00478	0.00306	0.00006	0.00014	0.00613	0.00008	-0.00002	0.00004	0.01617	0.00824	-0.17	1.6612	-5.40E-0	-0.04398	-473.4

Weighted Mean Age			4.90973	±0.04896
Integrated			5.06071	±5.05437
Plateau	**Steps**	C-H	5.54094	±0.05617
Isochron			4.56166	±4.55590

Sample: MB07-057 **Lab #**: 58774 **J**: 9.74E-04 ±9.74E-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)				
	01A	550.0	0.0	-0.00002	0.00014	-8.91E-0	0.00002	-0.00007	0.00002	-0.00004	0.00002	-0.00009	0.00096	-86.16	61.8169	-19.9	-47.8839	0.1
	01B	625.0	0.0	0.00163	0.00119	0.00006	0.00014	0.00175	0.00005	0.00805	0.00008	0.00503	0.00445	4.32	0.3830	9.1	2.45984	0.5
P	01C	700.0	0.0	0.00071	0.00073	0.00007	0.00014	0.00137	0.00003	0.01291	0.00009	0.00172	0.00252	5.07	0.1851	29.1	2.89101	0.3
P	01D	750.0	0.0	0.00047	0.00059	0.00006	0.00015	0.00111	0.00005	0.01060	0.00010	0.00096	0.00202	5.36	0.1674	41.2	3.05560	0.4
P	01E	800.0	0.0	0.00044	0.00062	0.00007	0.00015	0.00103	0.00003	0.00945	0.00009	0.00083	0.00200	5.12	0.1538	45.4	2.92035	0.4
P	01F	875.0	0.0	0.00095	0.00083	0.00011	0.00016	0.00182	0.00005	0.01613	0.00011	0.00206	0.00267	5.53	0.1233	37.5	3.14956	0.4
P	01G	975.0	0.0	0.00087	0.00087	0.00011	0.00017	0.00172	0.00004	0.00057	0.00019	0.00189	0.00229	5.06	0.1109	35.8	2.88250	11.4
	01H	1075.0	0.0	0.00053	0.00055	0.00005	0.00011	0.00082	0.00003	0.00068	0.00026	0.00140	0.00229	4.45	0.2613	21.8	2.53516	4.0
	01I	1250.0	0.0	0.00358	0.00245	0.00021	0.00027	0.00507	0.00007	0.01516	0.00026	0.01121	0.00677	2.37	0.1720	7.8	1.35026	0.8
	01J	1700.0	0.0	0.00040	0.00047	0.00002	0.00007	0.00054	0.00003	0.00196	0.00032	0.00130	0.00214	1.89	0.6132	4.9	1.07686	0.6

Weighted Mean Age			4.83867	±0.05659
Integrated			4.26567	±4.26122
Plateau	**Steps**	C-G	5.31701	±0.07603
Isochron			5.85764	±5.84814

Sample: MB07-070 **Lab #**: 58612 **J**: 2.19E-03 ±2.19E-03 **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	0.00091	0.00088	0.00006	0.00013	0.03644	0.00020	0.01097	0.00011	0.00266	0.00407	7.81	0.7522	13.8	1.98363	0.6
	01B	1050.0	0.0	0.00033	0.00064	0.00003	0.00008	0.00357	0.00005	0.00553	0.00008	0.00097	0.00294	7.20	1.3143	14.4	1.82672	0.5
	01C	1120.0	0.0	0.00028	0.00059	0.00004	0.00011	0.00453	0.00007	0.04127	0.00018	0.00075	0.00262	6.61	0.7072	26.2	1.67728	0.1
	01D	1130.0	0.0	0.00016	0.00051	0.00005	0.00012	0.00320	0.00004	0.04675	0.00017	0.00031	0.00209	7.02	0.5020	54.0	1.78156	0.1
	01E	1145.0	0.0	0.00016	0.00049	0.00006	0.00015	0.00305	0.00006	0.05547	0.00020	0.00028	0.00216	6.28	0.4394	60.4	1.59314	0.1
	01F	1150.0	0.0	0.00010	0.00047	0.00004	0.00012	0.00172	0.00003	0.03642	0.00019	0.00017	0.00207	6.89	0.6402	64.4	1.74939	0.1
P	01G	1160.0	0.0	0.00028	0.00060	0.00013	0.00019	0.00527	0.00005	-0.00037	0.00003	0.00043	0.00238	4.82	0.2191	54.7	1.22242	-38.1
P	01H	1200.0	0.0	0.00117	0.00112	0.00059	0.00064	0.02306	0.00013	0.00108	0.00004	0.00130	0.00294	5.20	0.0589	66.8	1.31968	60.4
P	01I	1700.0	0.0	0.00375	0.00254	0.00011	0.00017	0.00660	0.00007	-0.00003	0.00008	0.01235	0.00688	3.71	0.7374	2.7	0.93984	-358.8

Weighted Mean Age			5.24790	±0.05535
Integrated			5.45857	±5.45142
Plateau	**Steps**	G-I	5.17681	±0.05693
Isochron			5.19234	±5.18487

Sample: MB07-087 **Lab #**: 58779 **J**: 9.97E-04 ±9.97E-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/
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01A	550.0	0.0	-0.00004	0.00014	-3.16E-0	0.00002	-4.42E-0	0.00001	-0.00018	0.00011	-0.00011	0.00104	202.04	200.8596	10.1	118.8444	9.5
P	01B	625.0	0.0	0.00254	0.00243	0.00006	0.00014	0.00223	0.00004	0.00557	0.00008	0.00807	0.00644	4.89	0.5854	6.3	2.72216	0.6
P	01C	700.0	0.0	0.00101	0.00094	0.00008	0.00014	0.00154	0.00004	0.01078	0.00012	0.00273	0.00296	4.76	0.1945	21.3	2.64732	0.4
P	01D	750.0	0.0	0.00054	0.00056	0.00006	0.00013	0.00101	0.00003	0.00950	0.00009	0.00122	0.00237	5.27	0.1980	34.7	2.93468	0.4
P	01E	800.0	0.0	0.00051	0.00064	0.00006	0.00013	0.00099	0.00004	0.00938	0.00011	0.00118	0.00220	4.85	0.1825	33.9	2.70105	0.4
P	01F	875.0	0.0	0.00066	0.00083	0.00007	0.00014	0.00116	0.00004	0.00066	0.00009	0.00158	0.00268	4.74	0.1942	29.4	2.63970	6.3
P	01G	975.0	0.0	0.00040	0.00056	0.00005	0.00010	0.00076	0.00003	0.01091	0.00013	0.00098	0.00224	4.68	0.2555	30.1	2.60427	0.2
P	01H	1075.0	0.0	0.00029	0.00050	0.00003	0.00010	0.00052	0.00002	0.00831	0.00010	0.00073	0.00167	4.46	0.2981	26.2	2.48296	0.2
P	01I	1175.0	0.0	0.00044	0.00057	0.00002	0.00008	0.00057	0.00002	0.01267	0.00011	0.00130	0.00237	4.69	0.5471	13.9	2.61138	0.1
	01J	1250.0	0.0	0.00339	0.00232	0.00012	0.00019	0.00373	0.00005	0.00822	0.00019	0.01097	0.00520	2.36	0.2345	4.6	1.31163	0.8
	01K	1450.0	0.0	0.00229	0.00173	0.00007	0.00013	0.00243	0.00005	0.00854	0.00009	0.00762	0.00398	1.08	0.2956	1.9	0.60159	0.5
	01L	1700.0	0.0	0.00632	0.00382	4.61E-06	0.00007	0.00413	0.00007	0.00801	0.00006	0.02135	0.00988	6.18	11.5740	0.2	3.43903	3.2

Weighted Mean Age			4.32144	±0.07648
Integrated			3.94292	±3.94060
Plateau	**Steps**	A-I	4.83995	±0.08514
Isochron			4.72109	±4.71491

Sample: MB07-086 **Lab #**: 58778 **J**: 1.01E-03 ±1.01E-03 **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/
		()		(10^3 fA)		(10^3 fA)							(10^{-2} fA)	(Ma)				
P	01A	550.0	0.0	-0.00006	0.00016	-4.44E-0	0.00002	-0.00007	0.00001	-7.68E-0	0.00002	-0.00017	0.00093	162.00	117.1638	7.4	93.38327	0.3
P	01B	625.0	0.0	0.00551	0.00367	0.00004	0.00010	0.00391	0.00007	0.00735	0.00007	0.01845	0.00925	3.14	1.3806	1.1	1.73074	0.3
P	01C	700.0	0.0	0.00237	0.00197	0.00005	0.00011	0.00204	0.00006	0.01268	0.00012	0.00758	0.00455	5.22	0.5245	5.7	2.88080	0.2
P	01D	750.0	0.0	0.00139	0.00117	0.00003	0.00009	0.00125	0.00004	0.00816	0.00008	0.00441	0.00378	4.65	0.5984	6.3	2.56771	0.2
P	01E	800.0	0.0	0.00140	0.00103	0.00003	0.00010	0.00132	0.00003	5.72E-06	0.00018	0.00452	0.00447	3.22	0.6999	4.4	1.77725	34
P	01F	875.0	0.0	0.00279	0.00227	0.00005	0.00011	0.00231	0.00006	0.01277	0.00010	0.00897	0.00609	5.43	0.6623	5.3	2.99507	0.2
P	01G	975.0	0.0	0.00140	0.00118	0.00004	0.00012	0.00136	0.00004	0.01535	0.00013	0.00455	0.00340	3.49	0.5010	5.0	1.92674	0.1
P	01H	1075.0	0.0	0.00042	0.00047	0.00002	0.00006	0.00045	0.00002	0.00943	0.00007	0.00128	0.00174	4.49	0.4833	11.5	2.47831	0.1
	01I	1175.0	0.0	0.00086	0.00091	0.00002	0.00008	0.00082	0.00003	0.01865	0.00016	0.00293	0.00335	1.12	0.8476	1.5	0.61779	6.5
	01J	1250.0	0.0	0.00737	0.00509	0.00012	0.00022	0.00642	0.00009	0.01297	0.00010	0.02455	0.00903	1.86	0.3970	1.7	1.02511	0.5
	01K	1450.0	0.0	0.00156	0.00088	0.00002	0.00008	0.00131	0.00003	0.00398	0.00011	0.00525	0.00389	0.66	0.9072	0.5	0.36100	0.3
	01L	1700.0	0.0	0.00015	0.00044	4.80E-06	0.00004	0.00014	0.00002	0.00886	0.00012	0.00049	0.00185	3.91	2.1042	6.9	2.15732	3.0

Weighted Mean Age			3.50936	±0.18661
Integrated			3.23764	±3.24216
Plateau	**Steps**	A-H	4.35897	±0.25602
Isochron			3.81261	±3.80859

Sample: MB07-004 **Lab #**: 58628 **J**: 2.25E-03 ±2.25E-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)				
	01A	550.0	0.0	0.00252	0.00252	0.00046	0.00058	0.01602	0.00015	0.01311	0.00013	0.00671	0.00519	4.79	0.1383	21.4	1.18255	4.1
P	01B	625.0	0.0	-6.88E-0	0.00077	0.00007	0.00015	0.00354	0.00007	0.00482	0.00011	-0.00026	0.00293	4.02	0.4890	-1.04E+0	0.99298	1.8
P	01C	700.0	0.0	0.00024	0.00084	0.00021	0.00029	0.01803	0.00014	0.05439	0.00021	0.00013	0.00317	4.38	0.1864	91.4	1.08068	0.4
P	01D	750.0	0.0	0.00010	0.00083	0.00017	0.00023	0.00938	0.00009	0.05341	0.00027	-0.00020	0.00311	4.03	0.2177	180.0	0.99436	0.4
P	01E	800.0	0.0	0.00006	0.00081	0.00014	0.00022	0.00533	0.00008	-0.00217	0.00006	-0.00029	0.00297	3.91	0.2483	247.7	0.96543	-7.8
P	01F	875.0	0.0	0.00011	0.00085	0.00016	0.00019	0.00364	0.00006	0.06216	0.00023	-0.00016	0.00303	4.41	0.2314	163.8	1.08850	0.3
P	01G	975.0	0.0	0.00007	0.00078	0.00010	0.00018	0.00228	0.00005	0.04564	0.00024	-0.00006	0.00299	4.44	0.3761	147.4	1.09628	0.2
P	01H	1075.0	0.0	0.00004	0.00082	0.00005	0.00015	0.00196	0.00005	0.03086	0.00016	5.97E-06	0.00323	3.78	0.7472	122.4	0.93277	0.2
	01I	1250.0	0.0	0.00123	0.00119	0.00014	0.00021	0.01216	0.00011	0.00066	0.00007	0.00478	0.00534	-5.23	0.4611	-14.6	-1.28863	24.8
	01J	1700.0	0.0	0.00305	0.00223	0.00001	0.00008	0.00279	0.00006	-0.00188	0.00006	0.01039	0.00643	-8.77	7.1992	-0.8	-2.15687	-0.7

Weighted Mean Age			4.11677	±0.08036
Integrated			3.40705	±3.40536
Plateau	**Steps**	B-H	4.21718	±0.10205
Isochron			3.98544	±3.98104

Sample: MB07-129 **Lab #**: 58626 **J**: 2.23E-03 ±2.23E-03 **IC**[1]: 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	0.00519	0.00320	0.00005	0.00014	0.44259	0.00086	0.00289	0.00007	0.01711	0.00863	12.44	2.1214	2.9	3.10875	2.0
P	01B	625.0	0.0	0.00031	0.00082	0.00026	0.00045	0.33617	0.00085	0.00535	0.00008	0.00064	0.00288	2.00	0.1338	41.8	0.49966	5.7
P	01C	700.0	0.0	0.00045	0.00075	0.00066	0.00063	0.27579	0.00066	0.01236	0.00014	0.00043	0.00259	2.02	0.0472	73.6	0.50226	6.4
P	01D	750.0	0.0	0.00059	0.00076	0.00100	0.00085	0.16687	0.00042	0.01493	0.00016	0.00025	0.00426	2.07	0.0513	87.4	0.51484	7.9
P	01E	800.0	0.0	0.00060	0.00081	0.00102	0.00090	0.12353	0.00030	0.01592	0.00016	0.00025	0.00494	2.07	0.0583	87.4	0.51586	7.6
P	01F	875.0	0.0	0.00052	0.00071	0.00084	0.00090	0.07797	0.00017	0.01571	0.00015	0.00033	0.00254	2.00	0.0368	81.3	0.49956	6.4
P	01G	975.0	0.0	0.00042	0.00068	0.00056	0.00066	0.05004	0.00018	0.01557	0.00013	0.00050	0.00301	1.97	0.0645	65.2	0.48983	4.3
P	01H	1075.0	0.0	0.00041	0.00066	0.00049	0.00070	0.02299	0.00013	0.04149	0.00020	0.00061	0.00297	1.97	0.0725	58.8	0.49043	1.4
	01I	1250.0	0.0	0.00066	0.00082	0.00031	0.00049	0.01937	0.00014	-0.00050	0.00006	0.00185	0.00341	1.46	0.1289	17.3	0.36498	-74.8
	01J	1700.0	0.0	0.00405	0.00301	0.00070	0.00078	0.05770	0.00031	-0.00046	0.00004	0.01249	0.00758	2.06	0.1300	8.8	0.51382	-179.0

Weighted Mean Age				2.00632 ±0.02014
Integrated				2.08444 ±2.08346
Plateau			**Steps**	B-H 2.02223 ±0.02154
Isochron				1.93431 ±1.93327

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

$(^{40}Ar/^{39}Ar)_K$	0.0100 ±0.0020
$(^{38}Ar/^{39}Ar)_K$	0.0130 ±0.0
$(^{37}Ar/^{39}Ar)_K$	0.0 ±0.0
$(^{39}Ar/^{37}Ar)_{Ca}$	0.0007 ±2.00E-06
$(^{38}Ar/^{37}Ar)_{Ca}$	4.00E-05 ±2.00E-06
$(^{36}Ar/^{37}Ar)_{Ca}$	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}