Relative Abundances		36Ar [fA]	%1σ	37Ar [fA]	%1σ	38Ar [fA]	%1σ	39Ar [fA]	%1σ	40Ar [fA]	%1σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
16D05738	1.8 %	0.0283555	1.503	24.6447	0.378	0.0105226	222.949	0.71591	4.179	18.2313	0.396	16.85915 ± 1.50158	52.83 ± 4.64	64.66	0.27	0.0122 ± 0.0010
16D05740	2.0 %	0.0405295	1.267	34.5519	0.334	0.0385879	61.141	1.05361	2.875	24.3288	0.298	14.62514 ± 0.92001	45.92 ± 2.85	61.93	0.39	0.0128 ± 0.0008
16D05741	2.4 %	0.0976197	0.653	99.3491	0.267	0.0771529	37.003	2.75235	1.140	67.1030	0.109	17.15484 ± 0.42858	53.74 ± 1.32	68.65	1.03	0.0116 ± 0.0003
16D05742	2.8 %	0.1107518	0.650	223.9356	0.258	0.0979043	24.343	6.08765	0.501	117.5594	0.063	17.25492 ± 0.19405	54.05 ± 0.60	87.13	2.27	0.0114 ± 0.0001
16D05744	3.2 %	0.0849072	0.717	255.7638	0.257	0.1048489	22.473	6.84668	0.450	120.8980	0.062	17.36754 ± 0.17197	54.40 ± 0.53	95.87	2.55	0.0112 ± 0.0001
16D05745	3.6 %	0.1440593	0.583	418.8960	0.256	0.1379936	17.314	11.13642	0.283	199.3464	0.038	17.47827 ± 0.11439	54.74 ± 0.35	95.16	4.14	0.0111 ± 0.0001
16D05746	4.0 %	0.1348470	0.525	353.9320	0.256	0.1292848	17.760	9.36892	0.337	172.5983	0.043	17.58719 ± 0.13277	55.08 ± 0.41	93.03	3.49	0.0111 ± 0.0001
16D05748	4.5 %	0.1372246	0.544	467.0663	0.256	0.1613261	14.773	12.48408	0.254	217.3514	0.035	17.54602 ± 0.10157	54.95 ± 0.31	98.23	4.65	0.0112 ± 0.0001
16D05749	5.2 %	0.1844368	0.486	608.9889	0.255	0.2156221	11.492	16.35895	0.197	287.6563	0.026	17.62134 ± 0.08220	55.18 ± 0.25	97.69	6.09	0.0113 ± 0.0001
16D05750	6.1 %	0.4433612	0.370	1057.7886	0.255	0.3978779	5.776	29.09218	0.127	550.8554	0.015	17.72433 ± 0.06137	55.50 ± 0.19	91.31	10.84	0.0115 ± 0.0001
16D05752	7.3 %	0.4052407	0.388	1362.4810	0.255	0.4476235	5.468	38.00902	0.108	686.2998	0.012	18.16263 ± 0.05210	56.85 ± 0.16	98.15	14.16	0.0117 ± 0.0001
16D05753	8.5 %	0.4624217	0.362	1465.1729	0.255	0.5318339	4.610	41.89290	0.101	816.6787	0.011	19.44046 ± 0.05158	60.79 ± 0.16	97.37	15.62	0.0120 ± 0.0001
16D05754	9.7 %	0.4691646	0.353	1139.9255	0.255	0.4367709	5.339	33.60408	0.114	659.7332	0.013	18.59880 ± 0.05642	58.20 ± 0.17	92.56	12.54	0.0124 ± 0.0001
16D05756	11.0 %	0.3238104	0.404	728.2916	0.255	0.3168418	7.749	22.48902	0.153	452.0405	0.017	18.80170 ± 0.07140	58.82 ± 0.22	91.49	8.40	0.0130 ± 0.0001
16D05757	12.4 %	0.1995479	0.500	395.6175	0.256	0.1467913	16.441	12.63938	0.255	265.5327	0.028	19.20861 ± 0.11296	60.07 ± 0.35	89.50	4.72	0.0134 ± 0.0001
16D05758	14.0 %	0.1752035	0.488	228.2451	0.258	0.1126904	21.080	7.43045	0.426	179.3873	0.042	20.00315 ± 0.18937	62.52 ± 0.58	81.14	2.78	0.0137 ± 0.0001
16D05760	15.8 %	0.1623826	0.509	198.9279	0.259	0.1128295	21.247	6.59045	0.476	153.5764	0.049	18.77642 ± 0.19957	58.74 ± 0.61	78.93	2.47	0.0140 ± 0.0002
16D05761	18.0 %	0.0811388	0.696	138.2475	0.261	0.0538503	42.518	4.52793	0.671	97.7940	0.075	19.09547 ± 0.27498	59.72 ± 0.85	86.59	1.69	0.0138 ± 0.0002
16D05763	20.5 %	0.0508828	1.041	76.4736	0.275	0.0398507	62.986	2.44861	1.209	53.1664	0.138	18.41475 ± 0.47757	57.63 ± 1.47	83.02	0.92	0.0135 ± 0.0003
16D05764	22.5 %	0.0329961	1.249	46.8236	0.305	0.0574784	39.643	1.53097	1.986	32.7820	0.221	17.81551 ± 0.74699	55.78 ± 2.30	81.48	0.57	0.0138 ± 0.0006
16D05766	24.5 %	0.0291066	1.381	34.5537	0.335	0.0398821	57.916	1.12214	2.694	25.3426	0.287	17.70767 ± 1.00684	55.45 ± 3.10	76.78	0.42	0.0137 ± 0.0008
	Σ	3.7979882	0.118	9359.6766	0.078	3.6675636	3.003	268.18171	0.056	5198.2618	0.007					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D04-28**
Material = **Plagioclase**
Location = **Queequeg Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7A6-15)**
Position = **X: 0 | Y: 0 | Z/H: 11.44 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **8.93798 ± 0.01421**
FCT-NM J-value = **0.00175849 ± 0.00000280**
Air Shot 40Ar/36Ar = **304.4320 ± 0.4140**
Air Shot MDF = **0.99265555 ± 0.00066394 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **3.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **No Age**
Age Classification = Undefined
IGSN = **IESS10063**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachybasalt**
Lat-Lon = **33°29.1'S - 0°32.1'W**

Age Equations = **Min et al. (2000)**
Negative Intensities = **Allowed**
Collector Calibrations = **36Ar**
Decay 40K = **5.530 ± 0.048 E-10 1/a**
Decay 39Ar = **2.940 ± 0.016 E-07 1/h**
Decay 37Ar = **8.230 ± 0.012 E-04 1/h**
Decay 36Cl = **2.257 ± 0.015 E-06 1/a**
Decay 40K(EC,β^+) = **0.580 ± 0.009 E-10 1/a**
Decay 40K(β^-) = **4.950 ± 0.043 E-10 1/a**
Atmospheric 40/36(a) = **295.50**
Atmospheric 38/36(a) = **0.1869**
Production 39/37(ca) = **0.0006756 ± 0.0000089**
Production 38/37(ca) = **0.0000718 ± 0.0000092**
Production 36/37(ca) = **0.0002663 ± 0.0000004**
Production 40/39(k) = **0.003823 ± 0.000102**
Production 38/39(k) = **0.012031 ± 0.000019**
Production 36/38(cl) = **262.80 ± 1.71**
Scaling Ratio K/Ca = **0.430**
Abundance Ratio 40K/K = **1.1700 ± 0.0100 E-04**
Atomic Weight K = **39.0983 ± 0.0001 g**

Results

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau						
Cannot Calculate						
Total Fusion Age		18.37439 ± 0.02448 ± 0.13%	**57.50 ± 0.20 ± 0.34%**		21	0.0120 ± 0.0000
			Full External Error ± 1.30			
			Analytical Error ± 0.08			
Normal Isochron						
Cannot Calculate						
Inverse Isochron						
Cannot Calculate						

Notes
Very bump, high-T steps are not useful, possible start of a low-T plateau.

Incremental Heating		36Ar(a) [fA]	37Ar(ca) [fA]	38Ar(cl) [fA]	39Ar(k) [fA]	40Ar(r) [fA]	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
16D05738	1.8 %	0.0217926	24.6447	0.0000000	0.69926	11.7889	52.83 ± 4.64	64.66	0.27	0.0122 ± 0.0010
16D05740	2.0 %	0.0313267	34.5519	0.0178569	1.03027	15.0678	45.92 ± 2.85	61.93	0.39	0.0128 ± 0.0008
16D05741	2.4 %	0.0711609	99.3491	0.0244136	2.68523	46.0646	53.74 ± 1.32	68.65	1.03	0.0116 ± 0.0003
16D05742	2.8 %	0.0511176	223.9356	0.0008515	5.93636	102.4315	54.05 ± 0.60	87.13	2.27	0.0114 ± 0.0001
16D05744	3.2 %	0.0167971	255.7638	0.0030522	6.67388	115.9089	54.40 ± 0.53	95.87	2.55	0.0112 ± 0.0001
16D05745	3.6 %	0.0325073	418.8960	0.0000000	10.85342	189.6990	54.74 ± 0.35	95.16	4.14	0.0111 ± 0.0001
16D05746	4.0 %	0.0405949	353.9320	0.0000000	9.12981	160.5677	55.08 ± 0.41	93.03	3.49	0.0111 ± 0.0001
16D05748	4.5 %	0.0128448	467.0663	0.0000000	12.16853	213.5092	54.95 ± 0.31	98.23	4.65	0.0112 ± 0.0001
16D05749	5.2 %	0.0222630	608.9889	0.0000000	15.94752	281.0166	55.18 ± 0.25	97.69	6.09	0.0113 ± 0.0001
16D05750	6.1 %	0.1616721	1057.7886	0.0000000	28.37754	502.9728	55.50 ± 0.19	91.31	10.84	0.0115 ± 0.0001
16D05752	7.3 %	0.0424120	1362.4810	0.0000000	37.08853	673.6253	56.85 ± 0.16	98.15	14.16	0.0117 ± 0.0001
16D05753	8.5 %	0.0722462	1465.1729	0.0000000	40.90303	795.1735	60.79 ± 0.16	97.37	15.62	0.0120 ± 0.0001
16D05754	9.7 %	0.1656024	1139.9255	0.0000000	32.83395	610.6721	58.20 ± 0.17	92.56	12.54	0.0124 ± 0.0001
16D05756	11.0 %	0.1298664	728.2916	0.0000000	21.99699	413.5809	58.82 ± 0.22	91.49	8.40	0.0130 ± 0.0001
16D05757	12.4 %	0.0941950	395.6175	0.0000000	12.37210	237.6508	60.07 ± 0.35	89.50	4.72	0.0134 ± 0.0001
16D05758	14.0 %	0.1144218	228.2451	0.0000000	7.27625	145.5478	62.52 ± 0.58	81.14	2.78	0.0137 ± 0.0001
16D05760	15.8 %	0.1094080	198.9279	0.0004253	6.45605	121.2216	58.74 ± 0.61	78.93	2.47	0.0140 ± 0.0002
16D05761	18.0 %	0.0443235	138.2475	0.0000000	4.43453	84.6794	59.72 ± 0.85	86.59	1.69	0.0138 ± 0.0002
16D05763	20.5 %	0.0305179	76.4736	0.0000000	2.39695	44.1392	57.63 ± 1.47	83.02	0.92	0.0135 ± 0.0003
16D05764	22.5 %	0.0205241	46.8236	0.0322420	1.49934	26.7114	55.78 ± 2.30	81.48	0.57	0.0138 ± 0.0006
16D05766	24.5 %	0.0199032	34.5537	0.0204617	1.09879	19.4570	55.45 ± 3.10	76.78	0.42	0.0137 ± 0.0008
	Σ	1.3054976	9359.6766	0.0993032	261.85831	4811.4862				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D04-28**
Material = **Plagioclase**
Location = **Queequeg Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7A6-15)**
J = **0.00175849 ± 0.00000280**
FCT-NM = **28.201 ± 0.023 Ma**

Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau					
Cannot Calculate					
Total Fusion Age	18.37439 ± 0.02448 (± 0.13%)	**57.50 ± 0.20 (± 0.34%)**		21	0.0120 ± 0.0000
		Full External Error ± 1.30			
		Analytical Error ± 0.08			

Normal Isochron		39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
16D05738	1.8 %	32.09 ± 3.02	836.46 ± 33.45	0.4081
16D05740	2.0 %	32.89 ± 2.22	776.49 ± 25.92	0.4798
16D05741	2.4 %	37.73 ± 1.11	942.83 ± 17.15	0.6070
16D05742	2.8 %	116.13 ± 3.58	2299.34 ± 66.80	0.9415
16D05744	3.2 %	397.32 ± 30.59	7196.05 ± 550.06	0.9926
16D05745	3.6 %	333.88 ± 18.64	6131.08 ± 340.49	0.9944
16D05746	4.0 %	224.90 ± 8.59	4250.87 ± 159.60	0.9830
16D05748	4.5 %	947.35 ± 122.87	16917.71 ± 2192.35	0.9992
16D05749	5.2 %	716.32 ± 65.54	12918.08 ± 1180.68	0.9990
16D05750	6.1 %	175.53 ± 4.02	3406.57 ± 77.49	0.9930
16D05752	7.3 %	874.48 ± 78.58	16178.41 ± 1453.33	0.9997
16D05753	8.5 %	566.16 ± 31.91	11301.94 ± 636.48	0.9993
16D05754	9.7 %	198.27 ± 4.54	3983.08 ± 90.66	0.9944
16D05756	11.0 %	169.38 ± 3.76	3480.16 ± 76.52	0.9896
16D05757	12.4 %	131.35 ± 3.00	2818.47 ± 62.57	0.9730
16D05758	14.0 %	63.59 ± 1.12	1567.53 ± 23.98	0.8672
16D05760	15.8 %	59.01 ± 1.07	1403.48 ± 21.64	0.8436
16D05761	18.0 %	100.05 ± 2.94	2205.99 ± 57.38	0.8827
16D05763	20.5 %	78.54 ± 3.36	1741.84 ± 61.09	0.8141
16D05764	22.5 %	73.05 ± 4.18	1596.97 ± 64.84	0.7012
16D05766	24.5 %	55.21 ± 3.77	1273.08 ± 52.11	0.5872

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron				
Cannot Calculate				

Inverse Isochron		39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
16D05738	1.8 %	0.0383605 ± 0.0032970	0.00119552 ± 0.00004780	0.0183
16D05740	2.0 %	0.0423545 ± 0.0025033	0.00128785 ± 0.00004299	0.0180
16D05741	2.4 %	0.0400226 ± 0.0009394	0.00106064 ± 0.00001929	0.0111
16D05742	2.8 %	0.0505065 ± 0.0005240	0.00043491 ± 0.00001264	0.0053
16D05744	3.2 %	0.0552143 ± 0.0005156	0.00013897 ± 0.00001062	0.0021
16D05745	3.6 %	0.0544564 ± 0.0003215	0.00016310 ± 0.00000906	0.0017
16D05746	4.0 %	0.0529070 ± 0.0003704	0.00023525 ± 0.00000883	0.0029
16D05748	4.5 %	0.0559975 ± 0.0002973	0.00005911 ± 0.00000766	0.0007
16D05749	5.2 %	0.0554512 ± 0.0002298	0.00007741 ± 0.00000708	0.0007
16D05750	6.1 %	0.0515256 ± 0.0001393	0.00029355 ± 0.00000668	0.0014
16D05752	7.3 %	0.0540525 ± 0.0001260	0.00006181 ± 0.00000555	0.0003
16D05753	8.5 %	0.0500942 ± 0.0001092	0.00008848 ± 0.00000498	0.0004
16D05754	9.7 %	0.0497780 ± 0.0001205	0.00025106 ± 0.00000571	0.0011
16D05756	11.0 %	0.0486706 ± 0.0001557	0.00028734 ± 0.00000632	0.0017
16D05757	12.4 %	0.0466018 ± 0.0002455	0.00035480 ± 0.00000788	0.0028
16D05758	14.0 %	0.0405679 ± 0.0003552	0.00063795 ± 0.00000976	0.0052
16D05760	15.8 %	0.0420448 ± 0.0004110	0.00071252 ± 0.00001099	0.0063
16D05761	18.0 %	0.0453535 ± 0.0006259	0.00045331 ± 0.00001179	0.0063
16D05763	20.5 %	0.0450917 ± 0.0011211	0.00057411 ± 0.00002014	0.0087
16D05764	22.5 %	0.0457445 ± 0.0018661	0.00062619 ± 0.00002542	0.0118
16D05766	24.5 %	0.0433646 ± 0.0023988	0.00078549 ± 0.00003215	0.0145

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron				
Cannot Calculate				

Degassing Patterns			36Ar(a) [fA]	%1σ	36Ar(c) [fA]	%1σ	36Ar(ca) [fA]	%1σ	36Ar(cl) [fA]	%1σ	37Ar(ca) [fA]	%1σ	38Ar(a) [fA]	%1σ	38Ar(c) [fA]	%1σ	38Ar(k) [fA]	%1σ	38Ar(ca) [fA]	%1σ	38Ar(cl) [fA]	%1σ	39Ar(k) [fA]	%1σ	39Ar(ca) [fA]	%1σ	40Ar(r) [fA]	%1σ	40Ar(a) [fA]	%1σ	40Ar(c) [fA]	%1σ	40Ar(k) [fA]	%1σ
16D05738	1.8 %		0.0217926	1.96	0.0000000	0.00	0.0065629	0.41	0.0000000	0.00	24.6447	0.38	0.0040730	1.96	0.0000000	0.00	0.0084128	4.28	0.0017695	12.83	0.0000000	0.00	0.69926	4.28	0.0166499	1.37	11.7889	1.23	6.43972	1.96	0.0000000	0.00	0.0026733	5.04
16D05740	2.0 %		0.0313267	1.64	0.0000000	0.00	0.0092012	0.37	0.0000016	132.16	34.5519	0.33	0.0058550	1.64	0.0000000	0.00	0.0123951	2.94	0.0024808	12.82	0.0178569	132.16	1.03027	2.94	0.0233433	1.36	15.0678	1.12	9.25705	1.64	0.0000000	0.00	0.0039387	3.96
16D05741	2.4 %		0.0711609	0.90	0.0000000	0.00	0.0264567	0.31	0.0000022	117.01	99.3491	0.27	0.0133000	0.90	0.0000000	0.00	0.0323060	1.18	0.0071333	12.82	0.0244136	117.02	2.68523	1.17	0.0671202	1.35	46.0646	0.44	21.02805	0.90	0.0000000	0.00	0.0102656	2.91
16D05742	2.8 %		0.0511176	1.45	0.0000000	0.00	0.0596340	0.30	0.0000001	######	223.9356	0.26	0.0095539	1.45	0.0000000	0.00	0.0714204	0.54	0.0160786	12.82	0.0008515	######	5.93636	0.51	0.1512909	1.34	102.4315	0.23	15.10526	1.45	0.0000000	0.00	0.0226947	2.71
16D05744	3.2 %		0.0167971	3.82	0.0000000	0.00	0.0681099	0.30	0.0000003	775.97	255.7638	0.26	0.0031394	3.82	0.0000000	0.00	0.0802935	0.49	0.0183638	12.82	0.0030522	775.97	6.67388	0.46	0.1727940	1.34	115.9089	0.18	4.96353	3.82	0.0000000	0.00	0.0255143	2.70
16D05745	3.6 %		0.0325073	2.78	0.0000000	0.00	0.1115520	0.30	0.0000000	0.00	418.8960	0.26	0.0060756	2.78	0.0000000	0.00	0.1305775	0.33	0.0300767	12.82	0.0000000	0.00	10.85342	0.29	0.2830062	1.34	189.6990	0.15	9.60590	2.78	0.0000000	0.00	0.0414926	2.68
16D05746	4.0 %		0.0405949	1.88	0.0000000	0.00	0.0942521	0.30	0.0000000	0.00	353.9320	0.26	0.0075872	1.88	0.0000000	0.00	0.1098407	0.38	0.0254123	12.82	0.0000000	0.00	9.12981	0.35	0.2391165	1.34	160.5677	0.15	11.99579	1.88	0.0000000	0.00	0.0349033	2.68
16D05748	4.5 %		0.0128448	6.48	0.0000000	0.00	0.1243797	0.30	0.0000000	0.00	467.0663	0.26	0.0024007	6.48	0.0000000	0.00	0.1463995	0.31	0.0335354	12.82	0.0000000	0.00	12.16853	0.26	0.3155500	1.34	213.5092	0.12	3.79564	6.48	0.0000000	0.00	0.0465203	2.67
16D05749	5.2 %		0.0222630	4.57	0.0000000	0.00	0.1621737	0.30	0.0000000	0.00	608.9889	0.26	0.0041610	4.57	0.0000000	0.00	0.1918646	0.26	0.0437254	12.82	0.0000000	0.00	15.94752	0.21	0.4114329	1.34	281.0166	0.11	6.57872	4.57	0.0000000	0.00	0.0609674	2.67
16D05750	6.1 %		0.1616721	1.14	0.0000000	0.00	0.2816891	0.30	0.0000000	0.00	1057.7886	0.26	0.0302165	1.14	0.0000000	0.00	0.3414102	0.21	0.0759492	12.82	0.0000000	0.00	28.37754	0.13	0.7146420	1.34	502.9728	0.11	47.77412	1.14	0.0000000	0.00	0.1084873	2.66
16D05752	7.3 %		0.0424120	4.49	0.0000000	0.00	0.3628287	0.30	0.0000000	0.00	1362.4810	0.26	0.0079268	4.49	0.0000000	0.00	0.4462121	0.20	0.0978261	12.82	0.0000000	0.00	37.08853	0.12	0.9204921	1.34	673.6253	0.08	12.53274	4.49	0.0000000	0.00	0.1417894	2.66
16D05753	8.5 %		0.0722462	2.82	0.0000000	0.00	0.3901756	0.30	0.0000000	0.00	1465.1729	0.26	0.0135028	2.82	0.0000000	0.00	0.4921043	0.19	0.1051994	12.82	0.0000000	0.00	40.90303	0.11	0.9898708	1.34	795.1735	0.08	21.34875	2.82	0.0000000	0.00	0.1563723	2.66
16D05754	9.7 %		0.1656024	1.14	0.0000000	0.00	0.3035622	0.30	0.0000000	0.00	1139.9255	0.26	0.0309511	1.14	0.0000000	0.00	0.3950252	0.20	0.0818466	12.82	0.0000000	0.00	32.83395	0.12	0.7701336	1.34	610.6721	0.09	48.93551	1.14	0.0000000	0.00	0.1255242	2.66
16D05756	11.0 %		0.1298664	1.10	0.0000000	0.00	0.1939440	0.30	0.0000000	0.00	728.2916	0.26	0.0242720	1.10	0.0000000	0.00	0.2646458	0.23	0.0522913	12.82	0.0000000	0.00	21.99699	0.16	0.4920338	1.34	413.5809	0.10	38.37552	1.10	0.0000000	0.00	0.0840945	2.66
16D05757	12.4 %		0.0941950	1.11	0.0000000	0.00	0.1053529	0.30	0.0000000	0.00	395.6175	0.26	0.0176050	1.11	0.0000000	0.00	0.1488487	0.31	0.0284053	12.82	0.0000000	0.00	12.37210	0.26	0.2672792	1.34	237.6508	0.13	27.83462	1.11	0.0000000	0.00	0.0472985	2.67
16D05758	14.0 %		0.1144218	0.76	0.0000000	0.00	0.0607817	0.30	0.0000000	0.00	228.2451	0.26	0.0213854	0.76	0.0000000	0.00	0.0875405	0.46	0.0163880	12.82	0.0000000	0.00	7.27625	0.44	0.1542024	1.34	145.5478	0.18	33.81165	0.76	0.0000000	0.00	0.0278171	2.70
16D05760	15.8 %		0.1094080	0.77	0.0000000	0.00	0.0529745	0.30	0.0000000	######	198.9279	0.26	0.0204484	0.77	0.0000000	0.00	0.0776728	0.51	0.0142830	12.82	0.0004253	######	6.45605	0.49	0.1343957	1.35	121.2216	0.21	32.33008	0.77	0.0000000	0.00	0.0246815	2.70
16D05761	18.0 %		0.0443235	1.30	0.0000000	0.00	0.0368153	0.30	0.0000000	0.00	138.2475	0.26	0.0082841	1.30	0.0000000	0.00	0.0533518	0.70	0.0099262	12.82	0.0000000	0.00	4.43453	0.69	0.0934000	1.35	84.6794	0.22	13.09759	1.30	0.0000000	0.00	0.0169532	2.75
16D05763	20.5 %		0.0305179	1.75	0.0000000	0.00	0.0203649	0.31	0.0000000	0.00	76.4736	0.27	0.0057038	1.75	0.0000000	0.00	0.0288377	1.25	0.0054908	12.82	0.0000000	0.00	2.39695	1.24	0.0516656	1.35	44.1392	0.39	9.01804	1.75	0.0000000	0.00	0.0091635	2.93
16D05764	22.5 %		0.0205241	2.02	0.0000000	0.00	0.0124691	0.34	0.0000028	70.70	46.8236	0.31	0.0038360	2.02	0.0000000	0.00	0.0180385	2.03	0.0033619	12.82	0.0322420	70.71	1.49934	2.03	0.0316340	1.35	26.7114	0.53	6.06487	2.02	0.0000000	0.00	0.0057320	3.34
16D05766	24.5 %		0.0199032	2.03	0.0000000	0.00	0.0092016	0.37	0.0000018	112.92	34.5537	0.33	0.0037199	2.03	0.0000000	0.00	0.0132196	2.76	0.0024810	12.82	0.0204617	112.92	1.09879	2.75	0.0233445	1.36	19.4570	0.72	5.88139	2.03	0.0000000	0.00	0.0042007	3.83
	Σ		1.3054976	0.38	0.0000000	0.00	2.4924819	0.09	0.0000088	64.76	9359.6766	0.08	0.2439975	0.38	0.0000000	0.00	3.1504173	0.08	0.6720248	3.93	0.0993032	64.78	261.85831	0.06	6.3233975	0.41	4811.4862	0.03	385.77454	0.38	0.0000000	0.00	1.0010843	0.81
	Σ								3.7979882	0.15	9359.6766	0.08									4.1657427	1.67			268.18171	0.06							5198.2618	0.04

Additional Parameters		40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D05738	1.8 %	25.465966	1.069108	34.424353	1.444606	0.039608	0.001759	54.269	2.928190	1.00038388	8.751E-13
16D05740	2.0 %	23.090881	0.667366	32.793826	0.949090	0.038467	0.001208	54.283	2.928993	1.00038397	1.168E-12
16D05741	2.4 %	24.380270	0.279083	36.096128	0.422458	0.035468	0.000466	54.290	2.929395	1.00038402	3.221E-12
16D05742	2.8 %	19.311120	0.097514	36.785194	0.207255	0.018193	0.000149	54.297	2.929797	1.00038407	5.643E-12
16D05744	3.2 %	17.657904	0.080177	37.355890	0.193528	0.012401	0.000105	54.308	2.930480	1.00038416	5.803E-12
16D05745	3.6 %	17.900394	0.051162	37.614955	0.143594	0.012936	0.000084	54.315	2.930842	1.00038420	9.569E-12
16D05746	4.0 %	18.422431	0.062547	37.777232	0.159860	0.014393	0.000090	54.320	2.931163	1.00038424	8.285E-12
16D05748	4.5 %	17.410288	0.044679	37.412960	0.134928	0.010992	0.000066	54.332	2.931847	1.00038432	1.043E-11
16D05749	5.2 %	17.584032	0.035027	37.226650	0.120199	0.011274	0.000059	54.338	2.932209	1.00038437	1.381E-11
16D05750	6.1 %	18.934827	0.024169	36.359894	0.103629	0.015240	0.000060	54.344	2.932531	1.00038441	2.644E-11
16D05752	7.3 %	18.056235	0.019679	35.846253	0.099370	0.010662	0.000043	54.356	2.933214	1.00038449	3.294E-11
16D05753	8.5 %	19.494441	0.019805	34.974254	0.095992	0.011038	0.000042	54.361	2.933536	1.00038453	3.920E-11
16D05754	9.7 %	19.632530	0.022431	33.922232	0.094766	0.013962	0.000052	54.367	2.933899	1.00038457	3.167E-11
16D05756	11.0 %	20.100495	0.030900	32.384312	0.096381	0.014399	0.000062	54.379	2.934583	1.00038466	2.170E-11
16D05757	12.4 %	21.008366	0.053844	31.300388	0.113062	0.015788	0.000089	54.385	2.934905	1.00038469	1.275E-11
16D05758	14.0 %	24.142189	0.103307	30.717537	0.152918	0.023579	0.000153	54.391	2.935267	1.00038474	8.611E-12
16D05760	15.8 %	23.302866	0.111416	30.184278	0.163421	0.024639	0.000172	54.403	2.935952	1.00038482	7.372E-12
16D05761	18.0 %	21.597945	0.145881	30.532164	0.219868	0.017920	0.000173	54.408	2.936274	1.00038486	4.694E-12
16D05763	20.5 %	21.712862	0.264218	31.231368	0.387237	0.020780	0.000332	54.420	2.936959	1.00038494	2.552E-12
16D05764	22.5 %	21.412597	0.427798	30.584254	0.614413	0.021552	0.000506	54.426	2.937281	1.00038498	1.574E-12
16D05766	24.5 %	22.584281	0.611763	30.792781	0.835808	0.025939	0.000785	54.438	2.937966	1.00038507	1.216E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D05738	1.8 %	0.0043359 ± 0.0002381	0.0113917 ± 0.0175462	0.0590520 ± 0.0166256	0.0146103 ± 0.0257292	1.4021273 ± 0.0700768
16D05740	2.0 %	0.0037541 ± 0.0002381	0.0076031 ± 0.0175462	0.0535795 ± 0.0166256	0.0084163 ± 0.0257292	1.1784450 ± 0.0700768
16D05741	2.4 %	0.0036090 ± 0.0002381	0.0066667 ± 0.0175462	0.0519306 ± 0.0166256	0.0071895 ± 0.0257292	1.1156917 ± 0.0700768
16D05742	2.8 %	0.0035368 ± 0.0002381	0.0062543 ± 0.0175462	0.0508638 ± 0.0166256	0.0069333 ± 0.0257292	1.0777524 ± 0.0700768
16D05744	3.2 %	0.0035357 ± 0.0002381	0.0065269 ± 0.0175462	0.0501100 ± 0.0166256	0.0081989 ± 0.0257292	1.0555024 ± 0.0700768
16D05745	3.6 %	0.0035772 ± 0.0002381	0.0070594 ± 0.0175462	0.0501251 ± 0.0166256	0.0094991 ± 0.0257292	1.0588063 ± 0.0700768
16D05746	4.0 %	0.0036290 ± 0.0002381	0.0077021 ± 0.0175462	0.0503158 ± 0.0166256	0.0109034 ± 0.0257292	1.0674068 ± 0.0700768
16D05748	4.5 %	0.0037602 ± 0.0002381	0.0094311 ± 0.0175462	0.0510965 ± 0.0166256	0.0143426 ± 0.0257292	1.0952791 ± 0.0700768
16D05749	5.2 %	0.0038299 ± 0.0002381	0.0104604 ± 0.0175462	0.0516282 ± 0.0166256	0.0162576 ± 0.0257292	1.1115974 ± 0.0700768
16D05750	6.1 %	0.0038866 ± 0.0002381	0.0113943 ± 0.0175462	0.0521235 ± 0.0166256	0.0179360 ± 0.0257292	1.1252678 ± 0.0700768
16D05752	7.3 %	0.0039785 ± 0.0002381	0.0133007 ± 0.0175462	0.0531242 ± 0.0166256	0.0212272 ± 0.0257292	1.1478559 ± 0.0700768
16D05753	8.5 %	0.0040047 ± 0.0002381	0.0141025 ± 0.0175462	0.0535220 ± 0.0166256	0.0225719 ± 0.0257292	1.1542848 ± 0.0700768
16D05754	9.7 %	0.0040197 ± 0.0002381	0.0148885 ± 0.0175462	0.0538816 ± 0.0166256	0.0238833 ± 0.0257292	1.1578616 ± 0.0700768
16D05756	11.0 %	0.0040073 ± 0.0002381	0.0159247 ± 0.0175462	0.0542351 ± 0.0166256	0.0256957 ± 0.0257292	1.1544379 ± 0.0700768
16D05757	12.4 %	0.0039854 ± 0.0002381	0.0161624 ± 0.0175462	0.0542296 ± 0.0166256	0.0262276 ± 0.0257292	1.1490103 ± 0.0700768
16D05758	14.0 %	0.0039518 ± 0.0002381	0.0162056 ± 0.0175462	0.0540797 ± 0.0166256	0.0265791 ± 0.0257292	1.1410725 ± 0.0700768
16D05760	15.8 %	0.0038772 ± 0.0002381	0.0155560 ± 0.0175462	0.0533664 ± 0.0166256	0.0265724 ± 0.0257292	1.1255883 ± 0.0700768
16D05761	18.0 %	0.0038455 ± 0.0002381	0.0148857 ± 0.0175462	0.0528377 ± 0.0166256	0.0263029 ± 0.0257292	1.1208693 ± 0.0700768
16D05763	20.5 %	0.0038140 ± 0.0002381	0.0126109 ± 0.0175462	0.0513327 ± 0.0166256	0.0253180 ± 0.0257292	1.1255898 ± 0.0700768
16D05764	22.5 %	0.0038287 ± 0.0002381	0.0111172 ± 0.0175462	0.0504651 ± 0.0166256	0.0247377 ± 0.0257292	1.1389009 ± 0.0700768
16D05766	24.5 %	0.0039632 ± 0.0002381	0.0069936 ± 0.0175462	0.0483615 ± 0.0166256	0.0235201 ± 0.0257292	1.2039047 ± 0.0700768

Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
16D05738	1.8 %	0.0312323 ± 0.0003184	0.8448	EXP 150 of 150	8.219792 ± 0.014777	0.9151	EXP 150 of 150	0.0694200 ± 0.0160596	0.0124	EXP 150 of 150	0.7249980 ± 0.0148084	0.2422	EXP 150 of 150	19.633420 ± 0.017601	0.9998	EXP 150 of 150
16D05740	2.0 %	0.0421980 ± 0.0004115	0.5008	EXP 150 of 150	11.529380 ± 0.017594	0.9362	EXP 148 of 150	0.0916007 ± 0.0162476	0.0026	EXP 150 of 150	1.0539023 ± 0.0155198	0.0074	EXP 150 of 150	25.507242 ± 0.018228	0.9997	EXP 150 of 150
16D05741	2.4 %	0.0962053 ± 0.0004947	0.1181	EXP 150 of 150	33.161713 ± 0.019675	0.9902	EXP 150 of 150	0.1279504 ± 0.0226901	0.0542	EXP 150 of 150	2.7383121 ± 0.0174130	0.0609	EXP 150 of 150	68.218650 ± 0.021017	0.9994	EXP 150 of 150
16D05742	2.8 %	0.1085894 ± 0.0005724	0.0870	EXP 150 of 150	74.745945 ± 0.022184	0.9976	EXP 150 of 150	0.1473302 ± 0.0165835	0.0079	EXP 150 of 150	6.0476438 ± 0.0154188	0.8120	EXP 150 of 150	118.637188 ± 0.023826	0.9983	EXP 150 of 150
16D05744	3.2 %	0.0840737 ± 0.0004782	0.3522	EXP 150 of 150	85.350378 ± 0.021431	0.9982	EXP 150 of 150	0.1534190 ± 0.0162039	0.0095	EXP 150 of 150	6.8020796 ± 0.0158552	0.8469	EXP 149 of 150	121.953495 ± 0.026094	0.9973	EXP 150 of 150
16D05745	3.6 %	0.1402234 ± 0.0006621	0.0134	EXP 150 of 150	139.775266 ± 0.024450	0.9991	EXP 150 of 150	0.1860921 ± 0.0166662	0.0020	EXP 150 of 150	11.0600428 ± 0.0162409	0.9353	EXP 150 of 150	200.405156 ± 0.027247	0.9714	EXP 150 of 150
16D05746	4.0 %	0.1315368 ± 0.0005224	0.0308	EXP 150 of 150	118.083677 ± 0.025024	0.9987	EXP 150 of 150	0.1777019 ± 0.0153417	0.0018	EXP 150 of 150	9.3075783 ± 0.0167189	0.8996	EXP 150 of 150	173.665756 ± 0.026140	0.9893	EXP 150 of 150
16D05748	4.5 %	0.1339233 ± 0.0005636	0.1264	EXP 150 of 150	155.793489 ± 0.025722	0.9992	EXP 150 of 150	0.2100533 ± 0.0165836	0.0059	EXP 150 of 150	12.4021469 ± 0.0161778	0.9525	EXP 150 of 150	218.446656 ± 0.027970	0.0589	EXP 149 of 150
16D05749	5.2 %	0.1787757 ± 0.0006621	0.0033	EXP 150 of 150	203.109616 ± 0.026616	0.9995	EXP 150 of 150	0.2640836 ± 0.0178789	0.0055	EXP 150 of 150	16.2490523 ± 0.0157442	0.9751	EXP 150 of 150	288.767893 ± 0.028949	0.9898	EXP 150 of 150
16D05750	6.1 %	0.4244329 ± 0.0010191	0.7060	EXP 149 of 150	352.761088 ± 0.035182	0.9997	EXP 150 of 150	0.4441581 ± 0.0153664	0.0125	EXP 149 of 150	28.8857655 ± 0.0175119	0.9908	EXP 150 of 150	551.980661 ± 0.039487	0.9992	EXP 150 of 150
16D05752	7.3 %	0.3883658 ± 0.0010331	0.4841	EXP 149 of 150	454.268141 ± 0.037635	0.9998	EXP 150 of 150	0.4941737 ± 0.0174588	0.0001	EXP 149 of 150	37.7371301 ± 0.0192913	0.9936	EXP 150 of 150	687.447687 ± 0.047536	0.9994	EXP 150 of 150
16D05753	8.5 %	0.4426306 ± 0.0010149	0.5455	EXP 148 of 150	488.453514 ± 0.039764	0.9998	EXP 150 of 150	0.5775452 ± 0.0175100	0.0194	EXP 150 of 150	41.5924000 ± 0.0182278	0.9954	EXP 150 of 150	817.832936 ± 0.049793	0.9996	EXP 150 of 150
16D05754	9.7 %	0.4490415 ± 0.0009661	0.7141	EXP 149 of 150	379.972984 ± 0.034113	0.9998	EXP 150 of 150	0.4842380 ± 0.0158509	0.0160	EXP 150 of 150	33.3688149 ± 0.0166243	0.9937	EXP 150 of 150	660.891028 ± 0.044413	0.9994	EXP 150 of 150
16D05756	11.0 %	0.3111547 ± 0.0008807	0.5198	EXP 150 of 150	242.699451 ± 0.028290	0.9996	EXP 150 of 150	0.3664237 ± 0.0175673	0.0074	EXP 150 of 150	22.3412849 ± 0.0166711	0.9855	EXP 150 of 150	453.194944 ± 0.035326	0.9988	EXP 150 of 150
16D05757	12.4 %	0.1932648 ± 0.0007556	0.0989	EXP 150 of 150	131.815519 ± 0.024734	0.9990	EXP 150 of 150	0.1988651 ± 0.0169998	0.0010	EXP 150 of 150	12.5681311 ± 0.0169868	0.9473	EXP 150 of 150	266.681701 ± 0.027487	0.9846	EXP 150 of 150
16D05758	14.0 %	0.1701396 ± 0.0006281	0.2204	EXP 150 of 150	76.032569 ± 0.022311	0.9975	EXP 150 of 150	0.1651151 ± 0.0164751	0.0028	EXP 150 of 150	7.3997246 ± 0.0173130	0.8282	EXP 150 of 150	180.528391 ± 0.026368	0.9542	EXP 150 of 150
16D05760	15.8 %	0.1579037 ± 0.0006174	0.2370	EXP 150 of 150	66.249606 ± 0.021977	0.9969	EXP 150 of 150	0.1645388 ± 0.0167782	0.0041	EXP 150 of 150	6.5661950 ± 0.0169271	0.8090	EXP 150 of 150	154.701939 ± 0.025336	0.9747	EXP 150 of 150
16D05761	18.0 %	0.0808089 ± 0.0004313	0.2804	EXP 150 of 150	46.031864 ± 0.017919	0.9956	EXP 150 of 150	0.1058971 ± 0.0152486	0.0002	EXP 150 of 150	4.5193116 ± 0.0154432	0.5988	EXP 150 of 150	98.914826 ± 0.023061	0.9967	EXP 150 of 150
16D05763	20.5 %	0.0520784 ± 0.0004224	0.4064	EXP 150 of 150	25.452879 ± 0.019307	0.9830	EXP 150 of 150	0.0905981 ± 0.0183099	0.0008	EXP 150 of 150	2.4550485 ± 0.0140833	0.1926	EXP 150 of 150	54.292025 ± 0.021586	0.9984	EXP 150 of 150
16D05764	22.5 %	0.0351268 ± 0.0002979	0.7343	EXP 150 of 150	15.579292 ± 0.019281	0.9536	EXP 150 of 150	0.1070994 ± 0.0150883	0.0228	EXP 150 of 150	1.5439005 ± 0.0157130	0.0260	EXP 150 of 150	33.920947 ± 0.018344	0.9991	EXP 150 of 150
16D05766	24.5 %	0.0315720 ± 0.0002880	0.6981	EXP 150 of 150	11.495335 ± 0.017648	0.9360	EXP 150 of 150	0.0876578 ± 0.0155420	0.0075	EXP 150 of 150	1.1370011 ± 0.0153955	0.0456	EXP 150 of 150	26.546526 ± 0.019006	0.9990	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D05738	1.8 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05740	2.0 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05741	2.4 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05742	2.8 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05744	3.2 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05745	3.6 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05746	4.0 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05748	4.5 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05749	5.2 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05750	6.1 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05752	7.3 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05753	8.5 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05754	9.7 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05756	11.0 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05757	12.4 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05758	14.0 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05760	15.8 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05761	18.0 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05763	20.5 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05764	22.5 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01
16D05766	24.5 %	Susan Schnur	15-OSU-07	0.00	0.00	11.44	Walvis Ridge\MV1203 (13-INT-04)	16D05737	01

Sample Parameters		Sample	Material	Location	Standard Name	Standard (in Ma)	%1σ	Standard Reference	Standard 40Ar/39Ar	%1σ	J	%1σ	Air 40Ar/36Ar	%1σ	MDF (lin)	%1σ	Volume Ratio	Sensitivity (mol/volt)	Day	Month	Year	Hour	Min	Resist
16D05738	1.8 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	20	56	1
16D05740	2.0 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	21	16	1
16D05741	2.4 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	21	26	1
16D05742	2.8 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	21	36	1
16D05744	3.2 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	21	53	1
16D05745	3.6 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	22	2	1
16D05746	4.0 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	22	10	1
16D05748	4.5 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	22	27	1
16D05749	5.2 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	22	36	1
16D05750	6.1 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	22	44	1
16D05752	7.3 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	23	1	1
16D05753	8.5 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	23	9	1
16D05754	9.7 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	23	18	1
16D05756	11.0 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	23	35	1
16D05757	12.4 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	23	43	1
16D05758	14.0 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	10	FEB	2016	23	52	1
16D05760	15.8 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	11	FEB	2016	0	9	1
16D05761	18.0 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	11	FEB	2016	0	17	1
16D05763	20.5 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	11	FEB	2016	0	34	1
16D05764	22.5 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	11	FEB	2016	0	42	1
16D05766	24.5 %	MV1203-D04-28	Plagioclase	Queequeg Guyot	FCT-NM (7A6-15)	28.201	0.082	Kuiper et al (2008)	8.93798	0.159	0.00175849	0.159	304.432	0.136	0.9926555	0.067	1	4.8E-14	11	FEB	2016	0	59	1

Irradiation Constants		40/36(a)	%1σ	40/36(c)	%1σ	38/36(a)	%1σ	38/36(c)	%1σ	39/37(ca)	%1σ	38/37(ca)	%1σ	36/37(ca)	%1σ	40/39(k)	%1σ	38/39(k)	%1σ	36/38(cl)	%1σ	K/Ca	%1σ	K/Cl	%1σ	Ca/Cl	%1σ
16D05738	1.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05740	2.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05741	2.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05742	2.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05744	3.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05745	3.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05746	4.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05748	4.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05749	5.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05750	6.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05752	7.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05753	8.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05754	9.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05756	11.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05757	12.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05758	14.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05760	15.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05761	18.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05763	20.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05764	22.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D05766	24.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0

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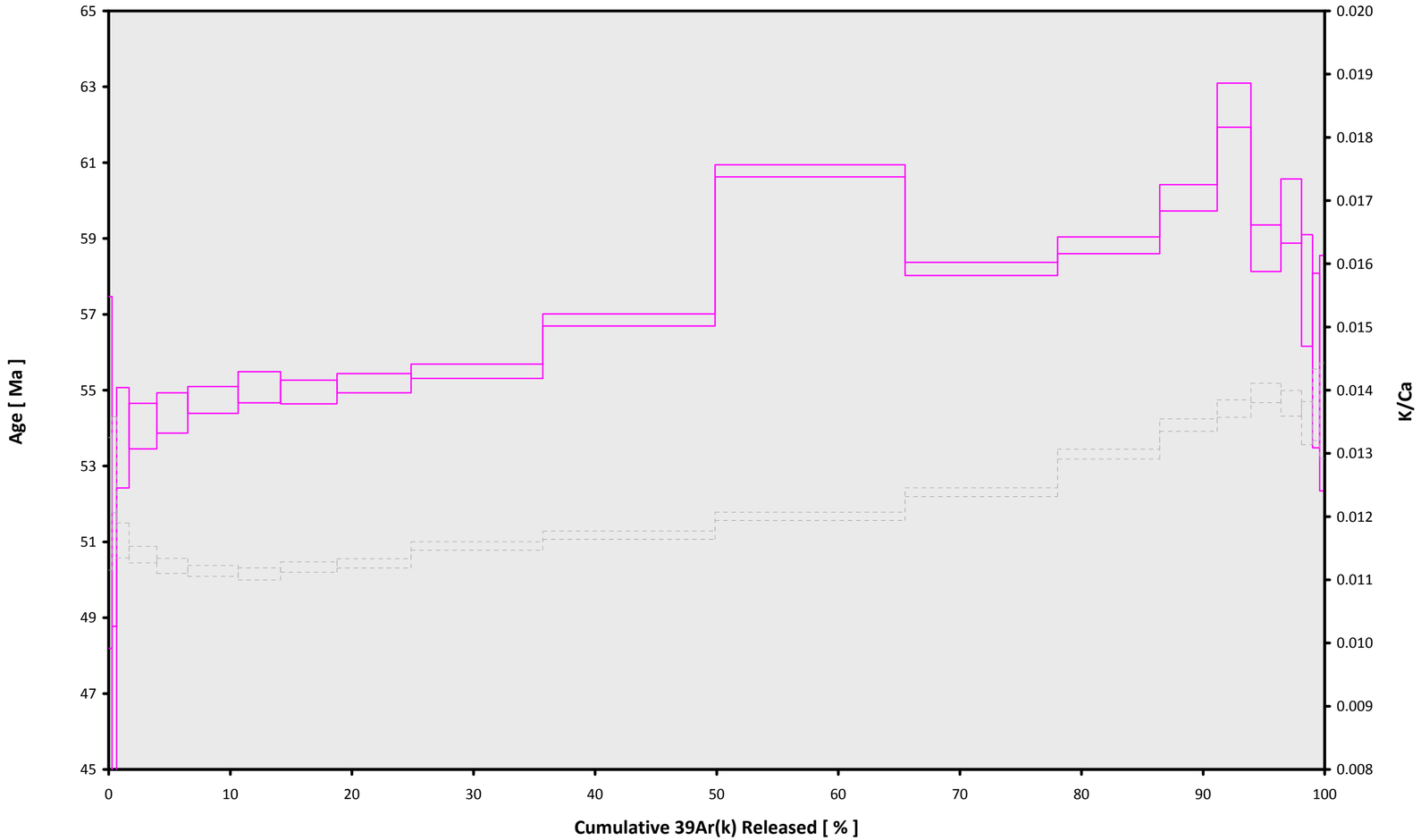


Ar-Ages in Ma

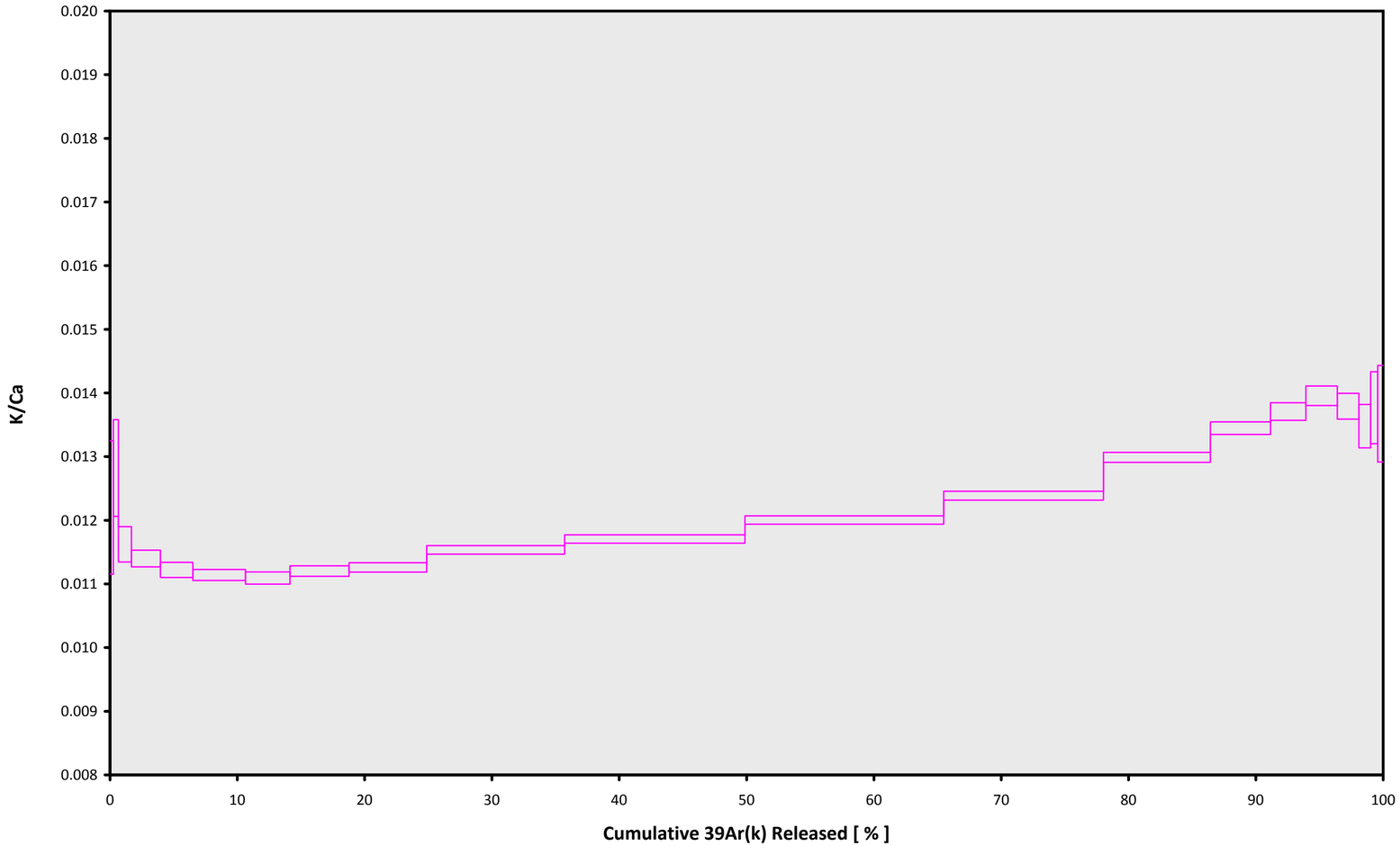
TOTAL FUSION
57.50 ± 0.20

Sample Info

Plagioclase
Queequeg Guyot
Susan Schnur

IRR = 15-OSU-07 (7A6-15)
J = 0.00175849 ± 0.00000280

16D05737.AGE >>> MV1203-D04-28 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



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TOTAL FUSION
57.50 ± 0.20

Sample Info

Plagioclase
Queequeg Guyot
Susan Schnur

IRR = 15-OSU-07 (7A6-15)
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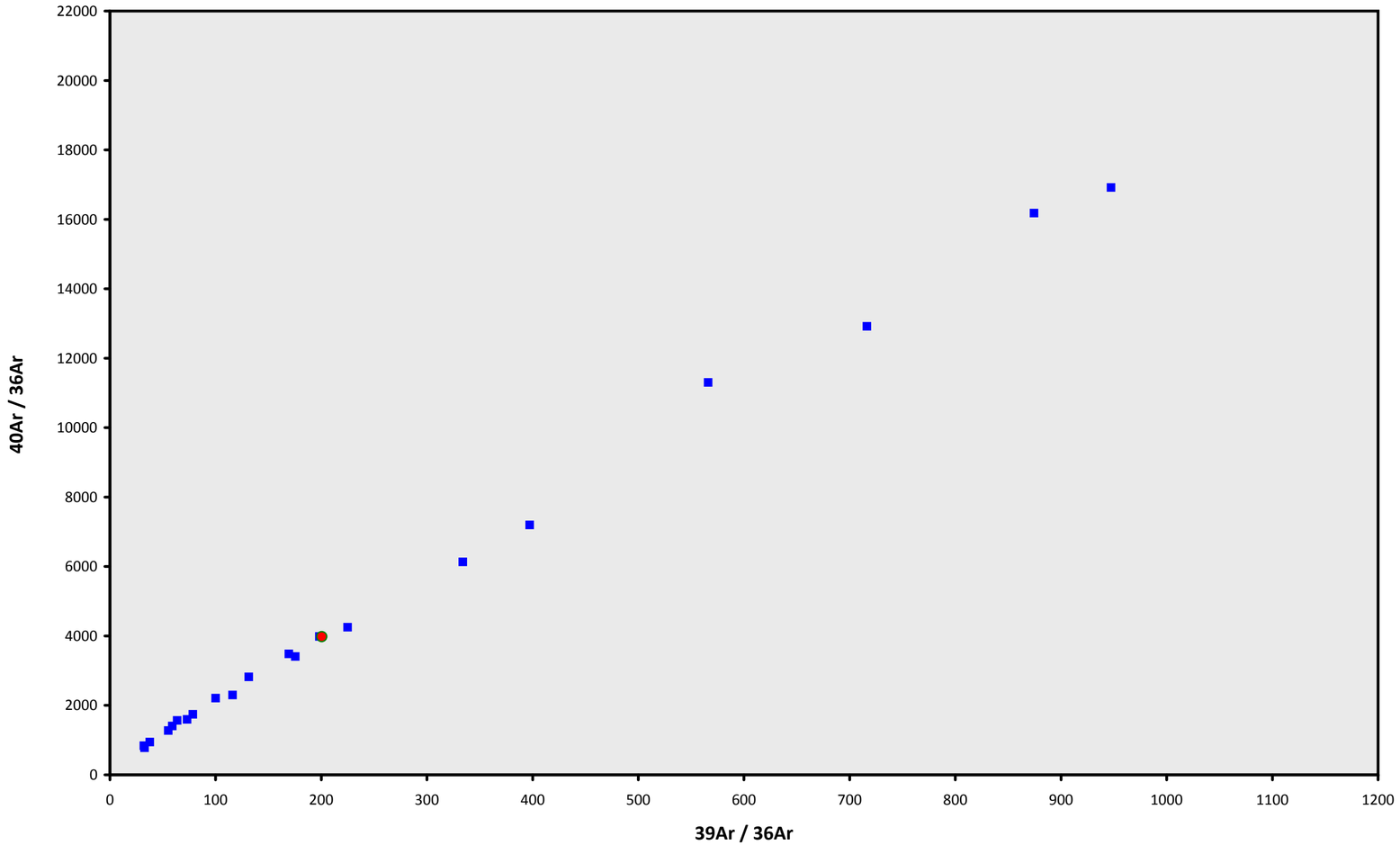
16D05737.AGE >>> MV1203-D04-28 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

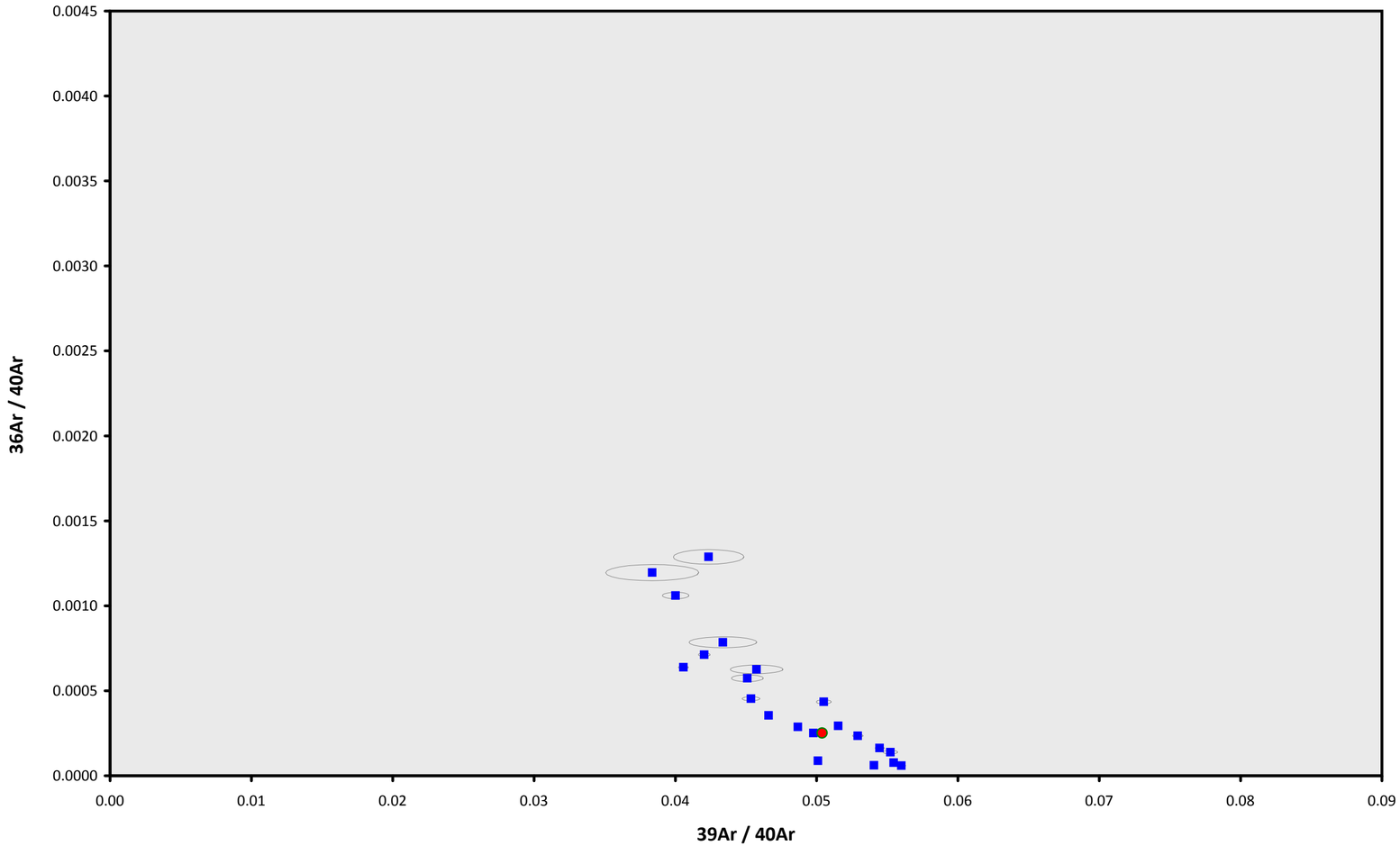
TOTAL FUSION
57.50 ± 0.20

Sample Info

Plagioclase
Queequeg Guyot
Susan Schnur

IRR = 15-OSU-07 (7A6-15)
J = 0.00175849 ± 0.00000280

16D05737.AGE >>> MV1203-D04-28 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

TOTAL FUSION
57.50 ± 0.20

Sample Info

Plagioclase
Queequeg Guyot
Susan Schnur

IRR = 15-OSU-07 (7A6-15)
J = 0.00175849 ± 0.00000280