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
16D13503	1.8 %	0.0668608	0.781	240.3517	0.372	0.0951279	24.980	4.58684	0.515	58.2842	0.053	12.97893 ± 0.15997	40.51 ± 0.49	98.53	3.03	0.0079 ± 0.0001
16D13505	2.0 %	0.0597107	0.781	220.3195	0.374	0.0644509	38.414	4.13490	0.536	53.3048	0.059	13.29193 ± 0.16820	41.48 ± 0.52	99.40	2.73	0.0078 ± 0.0001
16D13506	2.4 %	0.0764553	0.669	276.3576	0.369	0.0864313	28.439	5.22317	0.444	66.7193	0.044	13.07561 ± 0.14002	40.81 ± 0.43	98.70	3.45	0.0078 ± 0.0001
16D13507	2.8 %	0.1340510	0.539	490.3717	0.363	0.1435132	16.738	9.27766	0.244	118.5045	0.027	13.12783 ± 0.08982	40.97 ± 0.28	99.11	6.13	0.0078 ± 0.0001
16D13509	3.2 %	0.1283850	0.534	465.9521	0.364	0.1276063	18.952	8.87945	0.255	113.4765	0.027	13.09714 ± 0.09165	40.88 ± 0.28	98.85	5.87	0.0079 ± 0.0001
16D13510	3.6 %	0.1228124	0.537	436.6596	0.365	0.1190102	20.747	8.42392	0.267	110.8781	0.030	13.39877 ± 0.09567	41.81 ± 0.30	98.23	5.57	0.0080 ± 0.0001
16D13511	4.0 %	0.0964433	0.646	346.7767	0.365	0.0988201	24.929	6.65228	0.334	86.6318	0.037	13.30583 ± 0.11475	41.52 ± 0.35	98.57	4.40	0.0080 ± 0.0001
16D13513	4.5 %	0.0931668	0.648	329.3597	0.367	0.0832659	29.390	6.34196	0.370	88.6291	0.034	14.21581 ± 0.12913	44.33 ± 0.40	98.15	4.19	0.0080 ± 0.0001
16D13514	5.2 %	0.1306475	0.534	351.5588	0.365	0.0946176	24.278	6.80247	0.330	111.2266	0.029	15.27197 ± 0.12767	47.58 ± 0.39	90.14	4.50	0.0080 ± 0.0001
16D13515	6.1 %	0.1072020	0.625	350.4961	0.366	0.1129652	21.605	6.93058	0.337	151.4206	0.022	22.00523 ± 0.16942	68.16 ± 0.52	97.28	4.59	0.0082 ± 0.0001
16D13517	7.3 %	0.1338539	0.504	389.7650	0.365	0.1215296	19.637	7.68190	0.300	153.9322	0.022	19.54839 ± 0.13838	60.68 ± 0.42	94.21	5.08	0.0082 ± 0.0001
16D13518	8.5 %	0.1824733	0.470	581.5412	0.363	0.1645353	13.470	11.77541	0.202	283.2389	0.013	24.16311 ± 0.11738	74.71 ± 0.36	97.10	7.80	0.0084 ± 0.0001
16D13519	9.7 %	0.1737730	0.500	576.7366	0.363	0.1612309	14.627	11.45898	0.206	215.3536	0.017	18.91223 ± 0.10033	58.74 ± 0.31	97.21	7.58	0.0083 ± 0.0001
16D13521	11.0 %	0.1400634	0.490	476.0695	0.364	0.1451278	16.754	9.25437	0.256	200.4405	0.017	21.99553 ± 0.13131	68.13 ± 0.40	98.02	6.12	0.0081 ± 0.0001
16D13522	12.4 %	0.1434394	0.515	503.8176	0.363	0.1384224	17.268	9.56109	0.245	180.7835	0.019	19.30525 ± 0.11581	59.94 ± 0.35	98.46	6.32	0.0079 ± 0.0001
16D13523	14.0 %	0.1155489	0.573	385.4188	0.365	0.1155614	19.805	7.28434	0.314	109.0757	0.030	14.98208 ± 0.11888	46.69 ± 0.37	96.48	4.81	0.0078 ± 0.0001
16D13525	15.8 %	0.1228500	0.584	442.0124	0.364	0.0961899	23.969	8.38021	0.276	117.0241	0.028	14.28850 ± 0.10429	44.55 ± 0.32	98.68	5.54	0.0079 ± 0.0001
16D13526	18.0 %	0.1090182	0.556	385.1824	0.365	0.0948345	25.920	7.40963	0.315	139.7941	0.023	19.28308 ± 0.14124	59.87 ± 0.43	98.62	4.90	0.0080 ± 0.0001
16D13528	20.5 %	0.0858602	0.677	308.5900	0.368	0.0709053	34.732	5.76605	0.402	82.0339	0.038	14.56112 ± 0.14193	45.39 ± 0.44	98.65	3.81	0.0077 ± 0.0001
16D13529	22.5 %	0.0482590	0.863	173.1819	0.382	0.0385441	64.365	3.22379	0.703	42.3186	0.068	13.41391 ± 0.21553	41.86 ± 0.66	98.48	2.13	0.0077 ± 0.0001
16D13531	24.5 %	0.0320516	1.142	116.7756	0.405	0.0234794	102.206	2.20538	1.029	28.5451	0.103	13.28717 ± 0.30525	41.46 ± 0.94	98.98	1.46	0.0078 ± 0.0002
	Σ	2.3029258	0.129	7847.2946	0.084	2.1961693	5.013	151.25438	0.070	2511.6158	0.006					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D23-13A**
Material = **Plagioclase**
Location = **Wust Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7B7-15)**
Position = **X: 0 | Y: 0 | Z/H: 12.88 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.00364 ± 0.01288**
FCT-NM J-value = **0.00174567 ± 0.00000250**
Air Shot 40Ar/36Ar = **304.4460 ± 0.4140**
Air Shot MDF = **0.99264438 ± 0.00066391 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **1.50 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **No Age**
Age Classification = Undefined
IGSN = **IESS10083**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachybasalt**
Lat-Lon = **34°13.4'S - 3°46.2'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	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		16.77297 ± 0.02847 ± 0.17%	**52.19 ± 0.17 ± 0.33%**		21	0.0080 ± 0.0000
			Full External Error ± 1.18			
			Analytical Error ± 0.09			
Normal Isochron						
Cannot Calculate						
Inverse Isochron						
Cannot Calculate						

Notes
Tiny plateau at low-T but high-T is highly variable, likely full of melt inclusions.

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
16D13503	1.8 %	0.0028510	240.3517	0.0241071	4.42446	57.4248	40.51 ± 0.49	98.53	3.03	0.0079 ± 0.0001
16D13505	2.0 %	0.0010395	220.3195	0.0004815	3.98606	52.9824	41.48 ± 0.52	99.40	2.73	0.0078 ± 0.0001
16D13506	2.4 %	0.0028604	276.3576	0.0054605	5.03646	65.8548	40.81 ± 0.43	98.70	3.45	0.0078 ± 0.0001
16D13507	2.8 %	0.0034650	490.3717	0.0000232	8.94637	117.4464	40.97 ± 0.28	99.11	6.13	0.0078 ± 0.0001
16D13509	3.2 %	0.0043020	465.9521	0.0000000	8.56466	112.1725	40.88 ± 0.28	98.85	5.87	0.0079 ± 0.0001
16D13510	3.6 %	0.0065299	436.6596	0.0000000	8.12891	108.9174	41.81 ± 0.30	98.23	5.57	0.0080 ± 0.0001
16D13511	4.0 %	0.0040966	346.7767	0.0000000	6.41799	85.3967	41.52 ± 0.35	98.57	4.40	0.0080 ± 0.0001
16D13513	4.5 %	0.0054583	329.3597	0.0000000	6.11944	86.9928	44.33 ± 0.40	98.15	4.19	0.0080 ± 0.0001
16D13514	5.2 %	0.0370274	351.5588	0.0000000	6.56496	100.2599	47.58 ± 0.39	90.14	4.50	0.0080 ± 0.0001
16D13515	6.1 %	0.0138641	350.4961	0.0046755	6.69378	147.2982	68.16 ± 0.52	97.28	4.59	0.0082 ± 0.0001
16D13517	7.3 %	0.0300595	389.7650	0.0000000	7.41858	145.0213	60.68 ± 0.42	94.21	5.08	0.0082 ± 0.0001
16D13518	8.5 %	0.0276088	581.5412	0.0000000	11.38252	275.0370	74.71 ± 0.36	97.10	7.80	0.0084 ± 0.0001
16D13519	9.7 %	0.0201881	576.7366	0.0000000	11.06933	209.3457	58.74 ± 0.31	97.21	7.58	0.0083 ± 0.0001
16D13521	11.0 %	0.0132860	476.0695	0.0009931	8.93274	196.4804	68.13 ± 0.40	98.02	6.12	0.0081 ± 0.0001
16D13522	12.4 %	0.0092727	503.8176	0.0000000	9.22071	178.0081	59.94 ± 0.35	98.46	6.32	0.0079 ± 0.0001
16D13523	14.0 %	0.0129117	385.4188	0.0009700	7.02395	105.2334	46.69 ± 0.37	96.48	4.81	0.0078 ± 0.0001
16D13525	15.8 %	0.0051421	442.0124	0.0000000	8.08159	115.4737	44.55 ± 0.32	98.68	5.54	0.0079 ± 0.0001
16D13526	18.0 %	0.0064441	385.1824	0.0000000	7.14940	137.8626	59.87 ± 0.43	98.62	4.90	0.0080 ± 0.0001
16D13528	20.5 %	0.0036826	308.5900	0.0000000	5.55757	80.9245	45.39 ± 0.44	98.65	3.81	0.0077 ± 0.0001
16D13529	22.5 %	0.0021407	173.1819	0.0000000	3.10678	41.6741	41.86 ± 0.66	98.48	2.13	0.0077 ± 0.0001
16D13531	24.5 %	0.0009543	116.7756	0.0000000	2.12649	28.2550	41.46 ± 0.94	98.98	1.46	0.0078 ± 0.0002
	Σ	0.2131850	7847.2946	0.0367108	145.95275	2448.0616				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D23-13A**
Material = **Plagioclase**
Location = **Wust Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7B7-15)**
J = **0.00174567 ± 0.00000250**
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	16.77297 ± 0.02847 ± 0.17%	**52.19 ± 0.17 ± 0.33%**		21	0.0080 ± 0.0000
		Full External Error ± 1.18			
		Analytical Error ± 0.09			

Normal Isochron		39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
16D13503	1.8 %	1551.89 ± 633.92	20437.40 ± 8345.47	0.9997
16D13505	2.0 %	3834.58 ± 3855.92	51264.43 ± 51546.64	0.9999
16D13506	2.4 %	1760.76 ± 725.88	23318.57 ± 9610.79	0.9997
16D13507	2.8 %	2581.94 ± 1321.31	34190.80 ± 17496.25	0.9999
16D13509	3.2 %	1990.86 ± 779.22	26370.13 ± 10320.31	0.9999
16D13510	3.6 %	1244.87 ± 306.17	16975.28 ± 4173.87	0.9997
16D13511	4.0 %	1566.65 ± 552.03	21141.10 ± 7447.94	0.9998
16D13513	4.5 %	1121.13 ± 286.15	16233.23 ± 4141.38	0.9995
16D13514	5.2 %	177.30 ± 7.66	3003.22 ± 128.11	0.9870
16D13515	6.1 %	482.81 ± 53.41	10919.92 ± 1205.57	0.9980
16D13517	7.3 %	246.80 ± 13.05	5119.97 ± 268.91	0.9929
16D13518	8.5 %	412.28 ± 31.43	10257.42 ± 780.77	0.9984
16D13519	9.7 %	548.31 ± 57.47	10665.27 ± 1116.88	0.9991
16D13521	11.0 %	672.34 ± 85.93	15084.06 ± 1926.23	0.9991
16D13522	12.4 %	994.39 ± 194.67	19492.43 ± 3814.66	0.9996
16D13523	14.0 %	544.00 ± 65.51	8445.71 ± 1015.57	0.9985
16D13525	15.8 %	1571.64 ± 522.10	22751.84 ± 7557.02	0.9998
16D13526	18.0 %	1109.45 ± 250.96	21689.07 ± 4903.97	0.9996
16D13528	20.5 %	1509.13 ± 546.85	22270.10 ± 8067.71	0.9997
16D13529	22.5 %	1451.29 ± 620.53	19762.98 ± 8445.18	0.9994
16D13531	24.5 %	2228.32 ± 1820.77	29903.52 ± 24426.01	0.9997

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.
16D13503	1.8 %	0.0759339 ± 0.0008178	0.00004893 ± 0.00001998	0.0003
16D13505	2.0 %	0.0747999 ± 0.0008401	0.00001951 ± 0.00001961	0.0001
16D13506	2.4 %	0.0755091 ± 0.0007030	0.00004288 ± 0.00001767	0.0002
16D13507	2.8 %	0.0755157 ± 0.0003917	0.00002925 ± 0.00001497	0.0001
16D13509	3.2 %	0.0754970 ± 0.0004086	0.00003792 ± 0.00001484	0.0001
16D13510	3.6 %	0.0733345 ± 0.0004148	0.00005891 ± 0.00001448	0.0003
16D13511	4.0 %	0.0741046 ± 0.0005210	0.00004730 ± 0.00001666	0.0002
16D13513	4.5 %	0.0690637 ± 0.0005355	0.00006160 ± 0.00001572	0.0002
16D13514	5.2 %	0.0590366 ± 0.0004096	0.00033298 ± 0.00001420	0.0011
16D13515	6.1 %	0.0442140 ± 0.0003121	0.00009158 ± 0.00001011	0.0002
16D13517	7.3 %	0.0482027 ± 0.0003039	0.00019531 ± 0.00001026	0.0006
16D13518	8.5 %	0.0401932 ± 0.0001729	0.00009749 ± 0.00000742	0.0002
16D13519	9.7 %	0.0514108 ± 0.0002255	0.00009376 ± 0.00000982	0.0003
16D13521	11.0 %	0.0445731 ± 0.0002405	0.00006630 ± 0.00000847	0.0002
16D13522	12.4 %	0.0510141 ± 0.0002646	0.00005130 ± 0.00001004	0.0001
16D13523	14.0 %	0.0644111 ± 0.0004269	0.00011840 ± 0.00001424	0.0004
16D13525	15.8 %	0.0690774 ± 0.0004038	0.00004395 ± 0.00001460	0.0002
16D13526	18.0 %	0.0511524 ± 0.0003389	0.00004611 ± 0.00001042	0.0001
16D13528	20.5 %	0.0677648 ± 0.0005720	0.00004490 ± 0.00001627	0.0002
16D13529	22.5 %	0.0734348 ± 0.0010793	0.00005060 ± 0.00002162	0.0003
16D13531	24.5 %	0.0745169 ± 0.0016004	0.00003344 ± 0.00002732	0.0002

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
16D13503	1.8 %		0.0028510	20.42	0.0000000	0.00	0.0640056	0.40	0.0000041	99.02	240.3517	0.37	0.0005329	20.42	0.0000000	0.00	0.0532307	0.56	0.0172572	12.83	0.0241071	99.02	4.42446	0.54	0.1623816	1.37	57.4248	0.30	0.842474	20.42	0.0000000	0.00	0.0169147	2.71
16D13505	2.0 %		0.0010395	50.28	0.0000000	0.00	0.0586711	0.40	0.0000001	######	220.3195	0.37	0.0001943	50.28	0.0000000	0.00	0.0479562	0.58	0.0158189	12.83	0.0004815	######	3.98606	0.56	0.1488479	1.37	52.9824	0.30	0.307173	50.28	0.0000000	0.00	0.0152387	2.72
16D13506	2.4 %		0.0028604	20.61	0.0000000	0.00	0.0735940	0.40	0.0000009	452.61	276.3576	0.37	0.0005346	20.61	0.0000000	0.00	0.0605936	0.49	0.0198425	12.83	0.0054605	452.61	5.03646	0.46	0.1867072	1.37	65.8548	0.27	0.845243	20.61	0.0000000	0.00	0.0192544	2.70
16D13507	2.8 %		0.0034650	25.59	0.0000000	0.00	0.1305860	0.39	0.0000000	######	490.3717	0.36	0.0006476	25.59	0.0000000	0.00	0.1076338	0.30	0.0352087	12.83	0.0000232	######	8.94637	0.26	0.3312951	1.37	117.4464	0.22	1.023901	25.59	0.0000000	0.00	0.0342020	2.67
16D13509	3.2 %		0.0043020	19.57	0.0000000	0.00	0.1240830	0.39	0.0000000	0.00	465.9521	0.36	0.0008040	19.57	0.0000000	0.00	0.1030414	0.31	0.0334554	12.83	0.0000000	0.00	8.56466	0.27	0.3147972	1.37	112.1725	0.22	1.271235	19.57	0.0000000	0.00	0.0327427	2.67
16D13510	3.6 %		0.0065299	12.29	0.0000000	0.00	0.1162825	0.39	0.0000000	0.00	436.6596	0.36	0.0012204	12.29	0.0000000	0.00	0.0977989	0.32	0.0313522	12.83	0.0000000	0.00	8.12891	0.28	0.2950072	1.37	108.9174	0.22	1.929588	12.29	0.0000000	0.00	0.0310768	2.67
16D13511	4.0 %		0.0040966	17.61	0.0000000	0.00	0.0923466	0.39	0.0000000	0.00	346.7767	0.37	0.0007657	17.61	0.0000000	0.00	0.0772149	0.38	0.0248986	12.83	0.0000000	0.00	6.41799	0.35	0.2342824	1.37	85.3967	0.25	1.210555	17.61	0.0000000	0.00	0.0245360	2.68
16D13513	4.5 %		0.0054583	12.76	0.0000000	0.00	0.0877085	0.40	0.0000000	0.00	329.3597	0.37	0.0010202	12.76	0.0000000	0.00	0.0736230	0.42	0.0236480	12.83	0.0000000	0.00	6.11944	0.39	0.2225154	1.37	86.9928	0.24	1.612926	12.76	0.0000000	0.00	0.0233946	2.69
16D13514	5.2 %		0.0370274	2.13	0.0000000	0.00	0.0936201	0.39	0.0000000	0.00	351.5588	0.37	0.0069204	2.13	0.0000000	0.00	0.0789830	0.38	0.0252419	12.83	0.0000000	0.00	6.56496	0.35	0.2375131	1.37	100.2599	0.23	10.941599	2.13	0.0000000	0.00	0.0250978	2.68
16D13515	6.1 %		0.0138641	5.52	0.0000000	0.00	0.0933371	0.40	0.0000008	526.62	350.4961	0.37	0.0025912	5.52	0.0000000	0.00	0.0805329	0.39	0.0251656	12.83	0.0046755	526.62	6.69378	0.35	0.2367951	1.37	147.2982	0.16	4.096847	5.52	0.0000000	0.00	0.0255903	2.68
16D13517	7.3 %		0.0300595	2.63	0.0000000	0.00	0.1037944	0.39	0.0000000	0.00	389.7650	0.36	0.0056181	2.63	0.0000000	0.00	0.0892529	0.35	0.0279851	12.83	0.0000000	0.00	7.41858	0.31	0.2633252	1.37	145.0213	0.16	8.882584	2.63	0.0000000	0.00	0.0283612	2.68
16D13518	8.5 %		0.0276088	3.81	0.0000000	0.00	0.1548644	0.39	0.0000000	0.00	581.5412	0.36	0.0051601	3.81	0.0000000	0.00	0.1369431	0.27	0.0417547	12.83	0.0000000	0.00	11.38252	0.21	0.3928892	1.37	275.0370	0.11	8.158413	3.81	0.0000000	0.00	0.0435154	2.67
16D13519	9.7 %		0.0201881	5.24	0.0000000	0.00	0.1535850	0.39	0.0000000	0.00	576.7366	0.36	0.0037732	5.24	0.0000000	0.00	0.1331752	0.27	0.0414097	12.83	0.0000000	0.00	11.06933	0.22	0.3896433	1.37	209.3457	0.15	5.965579	5.24	0.0000000	0.00	0.0423181	2.67
16D13521	11.0 %		0.0132860	6.38	0.0000000	0.00	0.1267773	0.39	0.0000002	######	476.0695	0.36	0.0024831	6.38	0.0000000	0.00	0.1074698	0.31	0.0341818	12.83	0.0009931	######	8.93274	0.27	0.3216326	1.37	196.4804	0.13	3.926003	6.38	0.0000000	0.00	0.0341499	2.67
16D13522	12.4 %		0.0092727	9.78	0.0000000	0.00	0.1341666	0.39	0.0000000	0.00	503.8176	0.36	0.0017331	9.78	0.0000000	0.00	0.1109344	0.30	0.0361741	12.83	0.0000000	0.00	9.22071	0.26	0.3403792	1.37	178.0081	0.15	2.740094	9.78	0.0000000	0.00	0.0352508	2.67
16D13523	14.0 %		0.0129117	6.01	0.0000000	0.00	0.1026370	0.39	0.0000002	######	385.4188	0.36	0.0024132	6.01	0.0000000	0.00	0.0845052	0.37	0.0276731	12.83	0.0009700	######	7.02395	0.33	0.2603890	1.37	105.2334	0.22	3.815417	6.01	0.0000000	0.00	0.0268526	2.68
16D13525	15.8 %		0.0051421	16.61	0.0000000	0.00	0.1177079	0.39	0.0000000	0.00	442.0124	0.36	0.0009611	16.61	0.0000000	0.00	0.0972296	0.33	0.0317365	12.83	0.0000000	0.00	8.08159	0.29	0.2986236	1.37	115.4737	0.22	1.519503	16.61	0.0000000	0.00	0.0308959	2.68
16D13526	18.0 %		0.0064441	11.31	0.0000000	0.00	0.1025741	0.39	0.0000000	0.00	385.1824	0.36	0.0012044	11.31	0.0000000	0.00	0.0860145	0.37	0.0276561	12.83	0.0000000	0.00	7.14940	0.33	0.2602292	1.37	137.8626	0.16	1.904235	11.31	0.0000000	0.00	0.0273322	2.68
16D13528	20.5 %		0.0036826	18.11	0.0000000	0.00	0.0821775	0.40	0.0000000	0.00	308.5900	0.37	0.0006883	18.11	0.0000000	0.00	0.0668631	0.45	0.0221568	12.83	0.0000000	0.00	5.55757	0.42	0.2084834	1.37	80.9245	0.25	1.088219	18.11	0.0000000	0.00	0.0212466	2.69
16D13529	22.5 %		0.0021407	21.37	0.0000000	0.00	0.0461183	0.41	0.0000000	0.00	173.1819	0.38	0.0004001	21.37	0.0000000	0.00	0.0373777	0.75	0.0124345	12.83	0.0000000	0.00	3.10678	0.73	0.1170017	1.37	41.6741	0.33	0.632578	21.37	0.0000000	0.00	0.0118772	2.76
16D13531	24.5 %		0.0009543	40.84	0.0000000	0.00	0.0310973	0.43	0.0000000	0.00	116.7756	0.40	0.0001784	40.84	0.0000000	0.00	0.0255838	1.08	0.0083845	12.83	0.0000000	0.00	2.12649	1.07	0.0788936	1.38	28.2550	0.42	0.281996	40.84	0.0000000	0.00	0.0081296	2.87
	Σ		0.2131850	1.65	0.0000000	0.00	2.0897345	0.09	0.0000063	175.51	7847.2946	0.08	0.0398443	1.65	0.0000000	0.00	1.7559576	0.08	0.5634358	2.94	0.0367108	175.46	145.95275	0.07	5.3016322	0.31	2448.0616	0.04	62.996160	1.65	0.0000000	0.00	0.5579774	0.62
	Σ								2.3029258	0.17	7847.2946	0.08									2.3959484	2.78			151.25438	0.07							2511.6158	0.06

Additional Parameters		40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D13503	1.8 %	12.706817	0.065739	52.400254	0.332671	0.014577	0.000136	105.060	7.985342	1.00074246	2.798E-12
16D13505	2.0 %	12.891426	0.069524	53.282869	0.348149	0.014441	0.000137	105.072	7.987204	1.00074254	2.559E-12
16D13506	2.4 %	12.773724	0.057009	52.909970	0.305469	0.014638	0.000118	105.077	7.988081	1.00074258	3.203E-12
16D13507	2.8 %	12.773099	0.031341	52.855078	0.231144	0.014449	0.000086	105.083	7.989067	1.00074263	5.688E-12
16D13509	3.2 %	12.779668	0.032786	52.475315	0.233102	0.014459	0.000086	105.095	7.990930	1.00074271	5.447E-12
16D13510	3.6 %	13.162294	0.035378	51.835698	0.234262	0.014579	0.000087	105.101	7.991807	1.00074275	5.322E-12
16D13511	4.0 %	13.022884	0.043734	52.129031	0.257938	0.014498	0.000105	105.107	7.992794	1.00074279	4.158E-12
16D13513	4.5 %	13.975042	0.051861	51.933462	0.270301	0.014691	0.000110	105.119	7.994658	1.00074288	4.254E-12
16D13514	5.2 %	16.350903	0.054197	51.681029	0.254524	0.019206	0.000121	105.124	7.995535	1.00074291	5.339E-12
16D13515	6.1 %	21.848198	0.073791	50.572416	0.251495	0.015468	0.000110	105.131	7.996522	1.00074296	7.268E-12
16D13517	7.3 %	20.038291	0.060273	50.738073	0.239617	0.017425	0.000102	105.142	7.998387	1.00074304	7.389E-12
16D13518	8.5 %	24.053431	0.048780	49.386086	0.205118	0.015496	0.000079	105.148	7.999265	1.00074308	1.360E-11
16D13519	9.7 %	18.793443	0.038844	50.330550	0.209941	0.015165	0.000082	105.154	8.000252	1.00074313	1.034E-11
16D13521	11.0 %	21.659008	0.055469	51.442655	0.228643	0.015135	0.000084	105.166	8.002118	1.00074321	9.621E-12
16D13522	12.4 %	18.908251	0.046395	52.694584	0.230797	0.015002	0.000086	105.172	8.002996	1.00074325	8.678E-12
16D13523	14.0 %	14.973990	0.047298	52.910595	0.254890	0.015863	0.000104	105.178	8.003984	1.00074329	5.236E-12
16D13525	15.8 %	13.964341	0.038777	52.744790	0.240978	0.014660	0.000095	105.190	8.005851	1.00074338	5.617E-12
16D13526	18.0 %	18.866539	0.059624	51.984005	0.250672	0.014713	0.000094	105.195	8.006729	1.00074342	6.710E-12
16D13528	20.5 %	14.227047	0.057466	53.518406	0.291698	0.014891	0.000117	105.207	8.008597	1.00074350	3.938E-12
16D13529	22.5 %	13.126980	0.092769	53.720021	0.429892	0.014970	0.000167	105.213	8.009585	1.00074354	2.031E-12
16D13531	24.5 %	12.943398	0.133911	52.950317	0.585686	0.014533	0.000223	105.224	8.011343	1.00074362	1.370E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D13503	1.8 %	0.0025959 ± 0.0001422	0.0102513 ± 0.0186043	0.0338910 ± 0.0169820	0.0248705 ± 0.0155057	0.6148861 ± 0.0220447
16D13505	2.0 %	0.0024835 ± 0.0001422	0.0061822 ± 0.0186043	0.0308951 ± 0.0169820	0.0108303 ± 0.0155057	0.6236316 ± 0.0220447
16D13506	2.4 %	0.0024496 ± 0.0001422	0.0055818 ± 0.0186043	0.0302856 ± 0.0169820	0.0057576 ± 0.0155057	0.6248561 ± 0.0220447
16D13507	2.8 %	0.0024240 ± 0.0001422	0.0056334 ± 0.0186043	0.0301115 ± 0.0169820	0.0011008 ± 0.0155057	0.6245206 ± 0.0220447
16D13509	3.2 %	0.0024062 ± 0.0001422	0.0071292 ± 0.0186043	0.0309911 ± 0.0169820	0.0050129 ± 0.0155057	0.6202341 ± 0.0220447
16D13510	3.6 %	0.0024093 ± 0.0001422	0.0081859 ± 0.0186043	0.0318382 ± 0.0169820	0.0068316 ± 0.0155057	0.6170966 ± 0.0220447
16D13511	4.0 %	0.0024197 ± 0.0001422	0.0094600 ± 0.0186043	0.0330419 ± 0.0169820	0.0081848 ± 0.0155057	0.6130752 ± 0.0220447
16D13513	4.5 %	0.0024549 ± 0.0001422	0.0116824 ± 0.0186043	0.0358285 ± 0.0169820	0.0090682 ± 0.0155057	0.6049693 ± 0.0220447
16D13514	5.2 %	0.0024764 ± 0.0001422	0.0124876 ± 0.0186043	0.0372844 ± 0.0169820	0.0088729 ± 0.0155057	0.6012823 ± 0.0220447
16D13515	6.1 %	0.0025028 ± 0.0001422	0.0131190 ± 0.0186043	0.0389724 ± 0.0169820	0.0082952 ± 0.0155057	0.5974641 ± 0.0220447
16D13517	7.3 %	0.0025551 ± 0.0001422	0.0133588 ± 0.0186043	0.0421520 ± 0.0169820	0.0064774 ± 0.0155057	0.5917296 ± 0.0220447
16D13518	8.5 %	0.0025790 ± 0.0001422	0.0130062 ± 0.0186043	0.0435829 ± 0.0169820	0.0054295 ± 0.0155057	0.5898838 ± 0.0220447
16D13519	9.7 %	0.0026043 ± 0.0001422	0.0122569 ± 0.0186043	0.0451023 ± 0.0169820	0.0042054 ± 0.0155057	0.5885581 ± 0.0220447
16D13521	11.0 %	0.0026436 ± 0.0001422	0.0099345 ± 0.0186043	0.0476152 ± 0.0169820	0.0020487 ± 0.0155057	0.5883642 ± 0.0220447
16D13522	12.4 %	0.0026570 ± 0.0001422	0.0085197 ± 0.0186043	0.0486012 ± 0.0169820	0.0012309 ± 0.0155057	0.5893280 ± 0.0220447
16D13523	14.0 %	0.0026671 ± 0.0001422	0.0067791 ± 0.0186043	0.0495396 ± 0.0169820	0.0005563 ± 0.0155057	0.5911847 ± 0.0220447
16D13525	15.8 %	0.0026693 ± 0.0001422	0.0034442 ± 0.0186043	0.0507809 ± 0.0169820	0.0002561 ± 0.0155057	0.5966787 ± 0.0220447
16D13526	18.0 %	0.0026617 ± 0.0001422	0.0020649 ± 0.0186043	0.0511158 ± 0.0169820	0.0006727 ± 0.0155057	0.5999986 ± 0.0220447
16D13528	20.5 %	0.0026245 ± 0.0001422	0.0002128 ± 0.0186043	0.0513003 ± 0.0169820	0.0030409 ± 0.0155057	0.6080113 ± 0.0220447
16D13529	22.5 %	0.0025924 ± 0.0001422	0.0001814 ± 0.0186043	0.0511205 ± 0.0169820	0.0052398 ± 0.0155057	0.6124351 ± 0.0220447
16D13531	24.5 %	0.0025123 ± 0.0001422	0.0026090 ± 0.0186043	0.0503766 ± 0.0169820	0.0110271 ± 0.0155057	0.6197233 ± 0.0220447

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)
16D13503	1.8 %	0.0656724 ± 0.0004394	0.0491	EXP 150 of 150	29.446137 ± 0.019847	0.9876	EXP 149 of 150	0.1276197 ± 0.0161184	0.0013	EXP 150 of 150	4.5746600 ± 0.0172826	0.5738	EXP 149 of 150	58.899041 ± 0.021297	0.9937	EXP 150 of 150
16D13505	2.0 %	0.0588145 ± 0.0003866	0.1992	EXP 150 of 150	26.982436 ± 0.019428	0.9856	EXP 150 of 150	0.0943980 ± 0.0175124	0.0004	EXP 150 of 150	4.1123317 ± 0.0153445	0.5407	EXP 149 of 150	53.928429 ± 0.022591	0.9927	EXP 150 of 150
16D13506	2.4 %	0.0745776 ± 0.0004168	0.0019	EXP 149 of 150	33.839513 ± 0.019587	0.9907	EXP 150 of 150	0.1154456 ± 0.0172673	0.0073	EXP 150 of 150	5.1867316 ± 0.0166490	0.7105	EXP 150 of 150	67.344147 ± 0.018896	0.9916	EXP 150 of 150
16D13507	2.8 %	0.1288877 ± 0.0005707	0.1395	EXP 150 of 150	60.033490 ± 0.020533	0.9967	EXP 150 of 150	0.1715138 ± 0.0164856	0.0004	EXP 150 of 150	9.2038202 ± 0.0150111	0.9243	EXP 149 of 150	119.129056 ± 0.023873	0.5190	EXP 150 of 150
16D13509	3.2 %	0.1235247 ± 0.0005375	0.2216	EXP 150 of 150	57.032412 ± 0.021896	0.9959	EXP 150 of 150	0.1567204 ± 0.0167138	0.0003	EXP 150 of 150	8.8027109 ± 0.0151673	0.9216	EXP 150 of 150	114.096702 ± 0.020836	0.3965	EXP 149 of 150
16D13510	3.6 %	0.1182705 ± 0.0005159	0.1614	EXP 150 of 150	53.442661 ± 0.023758	0.9945	EXP 150 of 150	0.1490979 ± 0.0174188	0.0010	EXP 150 of 150	8.3490355 ± 0.0150570	0.9141	EXP 150 of 150	111.495173 ± 0.024493	0.0005	EXP 150 of 150
16D13511	4.0 %	0.0934043 ± 0.0005129	0.0014	EXP 150 of 150	42.439639 ± 0.017857	0.9950	EXP 150 of 150	0.1304085 ± 0.0173419	0.0009	EXP 150 of 150	6.5903534 ± 0.0150125	0.8464	EXP 150 of 150	87.244903 ± 0.022790	0.9547	EXP 150 of 150
16D13513	4.5 %	0.0903485 ± 0.0004961	0.0158	EXP 150 of 150	40.301392 ± 0.020130	0.9930	EXP 150 of 150	0.1178696 ± 0.0171166	0.0006	EXP 150 of 150	6.2816557 ± 0.0168014	0.8006	EXP 150 of 150	89.234069 ± 0.020787	0.9230	EXP 150 of 150
16D13514	5.2 %	0.1257293 ± 0.0005474	0.2418	EXP 150 of 150	43.013031 ± 0.018697	0.9947	EXP 150 of 150	0.1305104 ± 0.0149625	0.0022	EXP 150 of 150	6.7386473 ± 0.0153556	0.8652	EXP 150 of 150	111.827855 ± 0.022857	0.5635	EXP 150 of 150
16D13515	6.1 %	0.1036372 ± 0.0005509	0.0113	EXP 150 of 150	42.878384 ± 0.019597	0.9941	EXP 150 of 150	0.1502761 ± 0.0170256	0.0056	EXP 150 of 150	6.8662949 ± 0.0165932	0.8446	EXP 150 of 150	152.018102 ± 0.024901	0.9869	EXP 150 of 150
16D13517	7.3 %	0.1288329 ± 0.0005159	0.3768	EXP 150 of 150	47.670055 ± 0.020014	0.9951	EXP 150 of 150	0.1618940 ± 0.0162635	0.0009	EXP 150 of 150	7.6133684 ± 0.0160048	0.8761	EXP 150 of 150	154.523957 ± 0.026107	0.9886	EXP 150 of 150
16D13518	8.5 %	0.1747244 ± 0.0006421	0.3575	EXP 150 of 150	71.110441 ± 0.023477	0.9970	EXP 150 of 150	0.2056981 ± 0.0137267	0.0004	EXP 150 of 150	11.6748488 ± 0.0160484	0.9461	EXP 150 of 150	283.828802 ± 0.029726	0.9987	EXP 150 of 150
16D13519	9.7 %	0.1665418 ± 0.0006709	0.3759	EXP 150 of 150	70.513594 ± 0.023360	0.9969	EXP 150 of 150	0.2039617 ± 0.0158584	0.0011	EXP 150 of 150	11.3621999 ± 0.0158114	0.9481	EXP 149 of 150	215.942197 ± 0.030448	0.9962	EXP 150 of 150
16D13521	11.0 %	0.1347795 ± 0.0005182	0.2459	EXP 150 of 150	58.191972 ± 0.021902	0.9960	EXP 150 of 150	0.1906084 ± 0.0168980	0.0072	EXP 150 of 150	9.1775616 ± 0.0165021	0.9072	EXP 150 of 150	201.028906 ± 0.025525	0.9968	EXP 150 of 150
16D13522	12.4 %	0.1379777 ± 0.0005729	0.1660	EXP 150 of 150	61.574987 ± 0.021790	0.9965	EXP 150 of 150	0.1849876 ± 0.0163173	0.0010	EXP 150 of 150	9.4826172 ± 0.0160587	0.9278	EXP 150 of 150	181.372798 ± 0.025483	0.9946	EXP 150 of 150
16D13523	14.0 %	0.1116760 ± 0.0005305	0.1386	EXP 150 of 150	47.099114 ± 0.019981	0.9950	EXP 150 of 150	0.1634012 ± 0.0148362	0.0246	EXP 150 of 150	7.2249372 ± 0.0158929	0.8751	EXP 150 of 150	109.666842 ± 0.023804	0.2830	EXP 150 of 150
16D13525	15.8 %	0.1185661 ± 0.0005810	0.1408	EXP 150 of 150	53.998058 ± 0.020137	0.9961	EXP 150 of 150	0.1455559 ± 0.0150884	0.0000	EXP 150 of 150	8.3122511 ± 0.0160035	0.8998	EXP 149 of 150	117.620779 ± 0.024458	0.9131	EXP 150 of 150
16D13526	18.0 %	0.1055094 ± 0.0004768	0.0176	EXP 149 of 150	47.049377 ± 0.019887	0.9950	EXP 150 of 150	0.1445554 ± 0.0172675	0.0041	EXP 150 of 150	7.3490996 ± 0.0164938	0.8741	EXP 150 of 150	140.394135 ± 0.024325	0.9833	EXP 150 of 150
16D13528	20.5 %	0.0836250 ± 0.0004815	0.0312	EXP 150 of 150	37.683513 ± 0.020950	0.9913	EXP 150 of 150	0.1211627 ± 0.0173312	0.0002	EXP 150 of 150	5.7164292 ± 0.0165488	0.8025	EXP 150 of 150	82.641928 ± 0.022577	0.9119	EXP 150 of 150
16D13529	22.5 %	0.0481200 ± 0.0003445	0.0901	EXP 150 of 150	21.145579 ± 0.018881	0.9779	EXP 150 of 150	0.0890977 ± 0.0175819	0.0001	EXP 150 of 150	3.1925013 ± 0.0161547	0.4373	EXP 150 of 150	42.931009 ± 0.018533	0.9945	EXP 150 of 150
16D13531	24.5 %	0.0327498 ± 0.0003035	0.4577	EXP 150 of 150	14.257709 ± 0.018459	0.9539	EXP 150 of 150	0.0735106 ± 0.0164519	0.0009	EXP 150 of 150	2.1765362 ± 0.0162661	0.2819	EXP 150 of 150	29.164843 ± 0.019437	0.9956	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D13503	1.8 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13505	2.0 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13506	2.4 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13507	2.8 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13509	3.2 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13510	3.6 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13511	4.0 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13513	4.5 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13514	5.2 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13515	6.1 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13517	7.3 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13518	8.5 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13519	9.7 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13521	11.0 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13522	12.4 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13523	14.0 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13525	15.8 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13526	18.0 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13528	20.5 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13529	22.5 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	01
16D13531	24.5 %	Susan Schnur	15-OSU-07	0.00	0.00	12.88	Walvis Ridge\MV1203 (13-INT-04)	16D13502	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
16D13503	1.8 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	15	55	1
16D13505	2.0 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	16	12	1
16D13506	2.4 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	16	20	1
16D13507	2.8 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	16	29	1
16D13509	3.2 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	16	46	1
16D13510	3.6 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	16	54	1
16D13511	4.0 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	17	3	1
16D13513	4.5 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	17	20	1
16D13514	5.2 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	17	28	1
16D13515	6.1 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	17	37	1
16D13517	7.3 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	17	54	1
16D13518	8.5 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	18	2	1
16D13519	9.7 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	18	11	1
16D13521	11.0 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	18	28	1
16D13522	12.4 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	18	36	1
16D13523	14.0 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	18	45	1
16D13525	15.8 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	19	2	1
16D13526	18.0 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	19	10	1
16D13528	20.5 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	19	27	1
16D13529	22.5 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	19	36	1
16D13531	24.5 %	MV1203-D23-13A	Plagioclase	Wust Guyot	FCT-NM (7B7-15)	28.201	0.082	Kuiper et al (2008)	9.00364	0.143	0.00174567	0.143	304.446	0.136	0.9926444	0.067	1	4.8E-14	1	APR	2016	19	52	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
16D13503	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
16D13505	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
16D13506	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
16D13507	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
16D13509	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
16D13510	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
16D13511	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
16D13513	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
16D13514	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
16D13515	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
16D13517	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
16D13518	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
16D13519	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
16D13521	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
16D13522	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
16D13523	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
16D13525	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
16D13526	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
16D13528	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
16D13529	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
16D13531	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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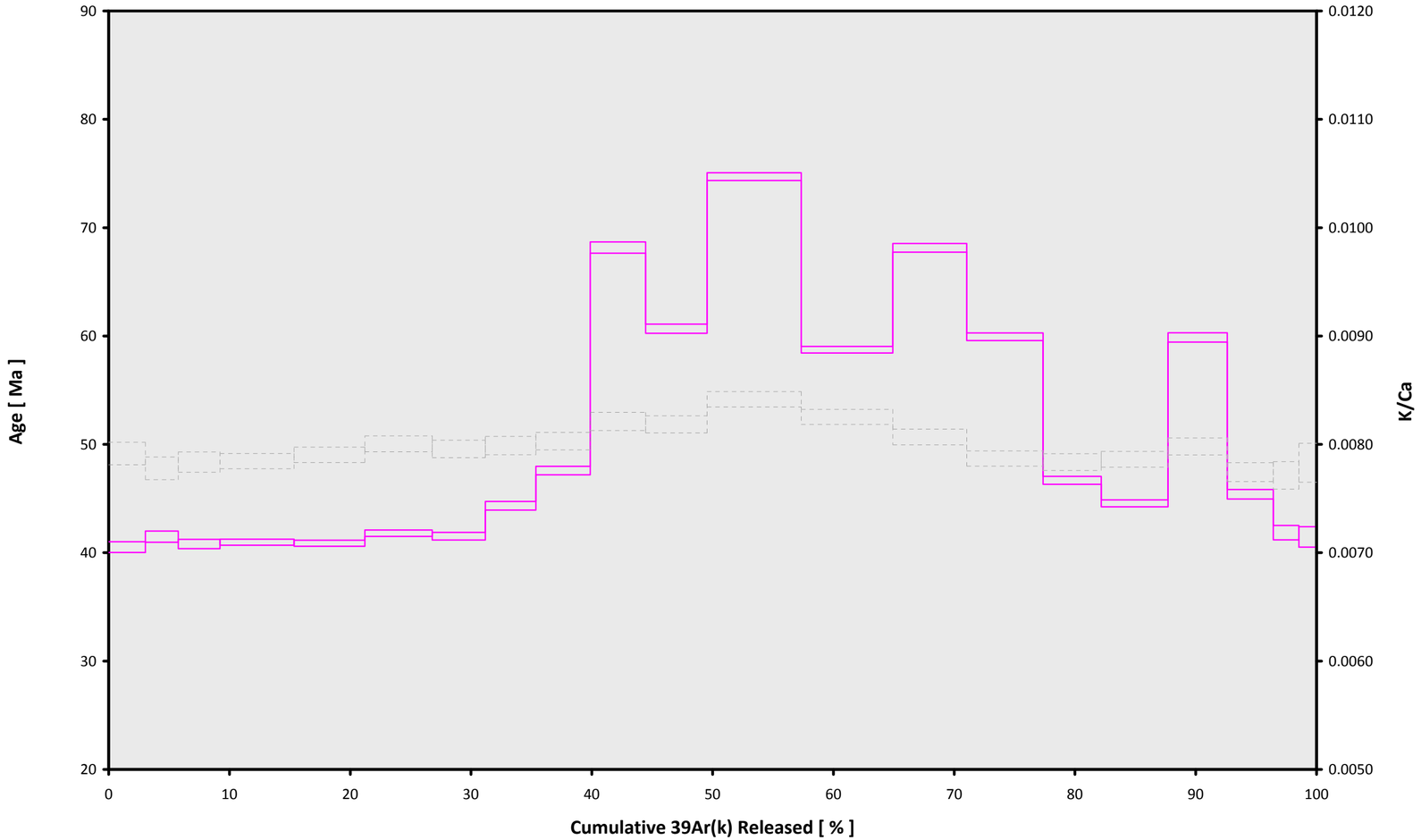


Ar-Ages in Ma

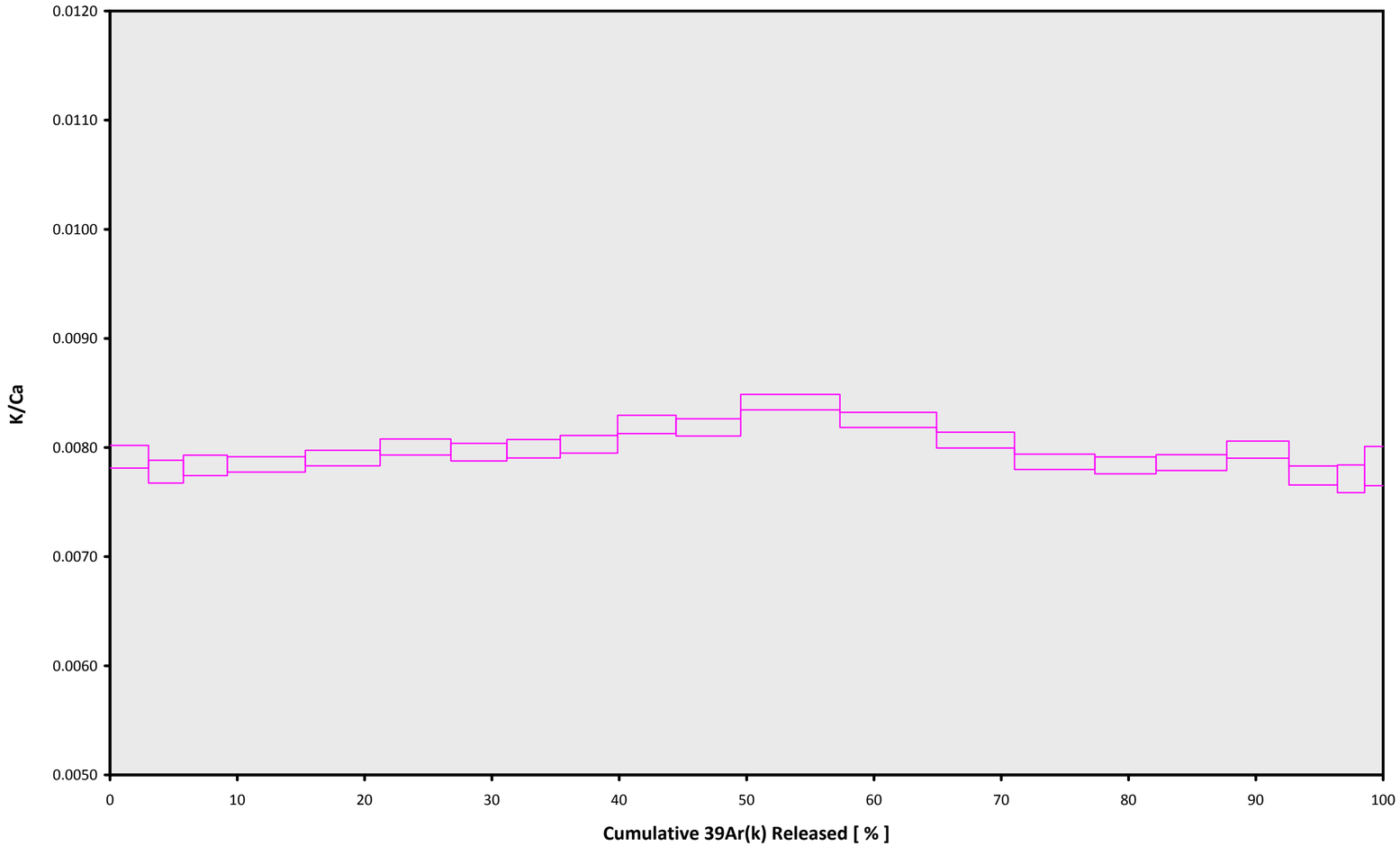
TOTAL FUSION
52.19 ± 0.17

Sample Info

Plagioclase
Wust Guyot
Susan Schnur

IRR = 15-OSU-07 (7B7-15)
J = 0.00174567 ± 0.00000250

16D13502.AGE >>> MV1203-D23-13A >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

TOTAL FUSION
52.19 ± 0.17

Sample Info

Plagioclase
Wust Guyot
Susan Schnur

IRR = 15-OSU-07 (7B7-15)
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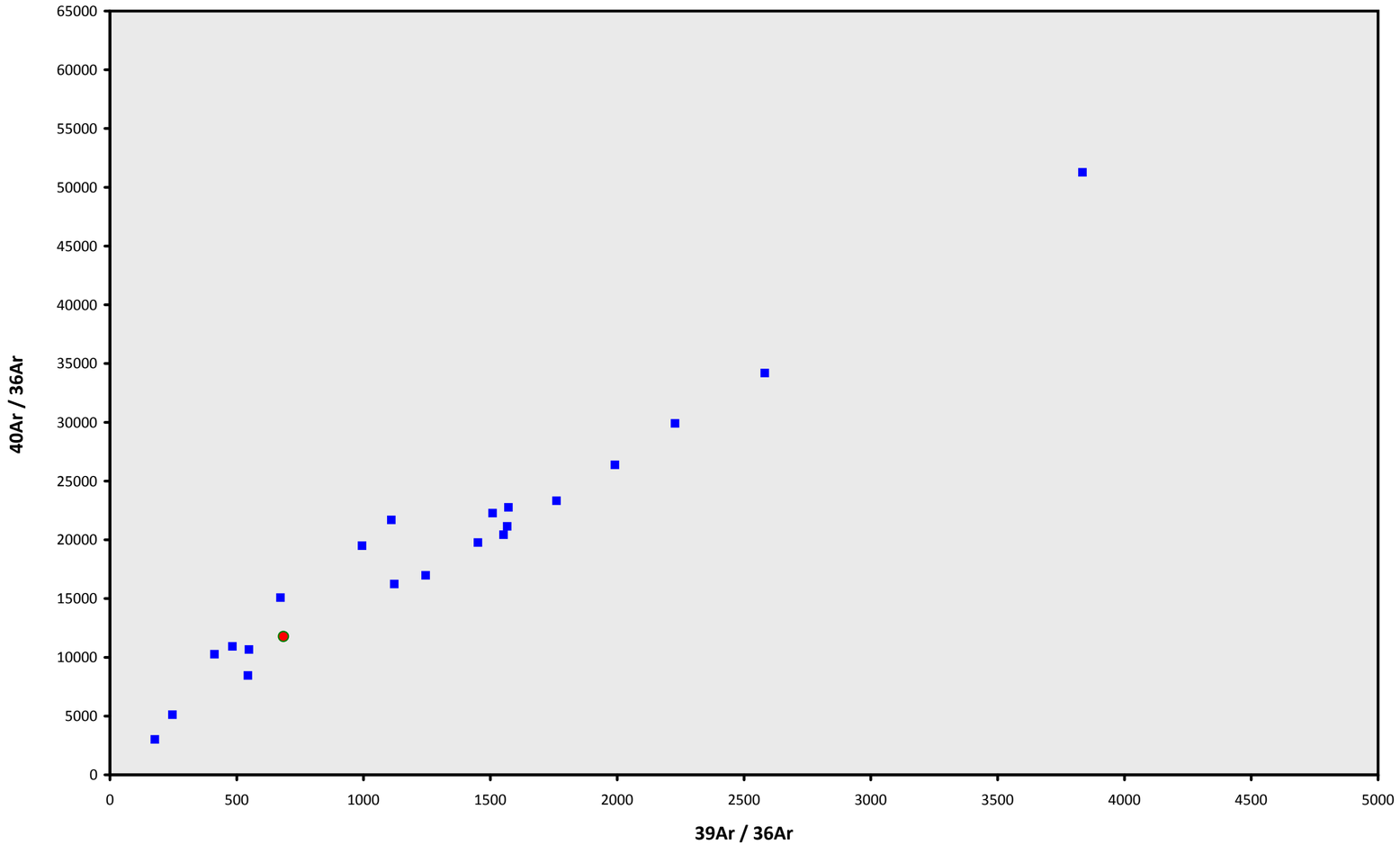
16D13502.AGE >>> MV1203-D23-13A >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

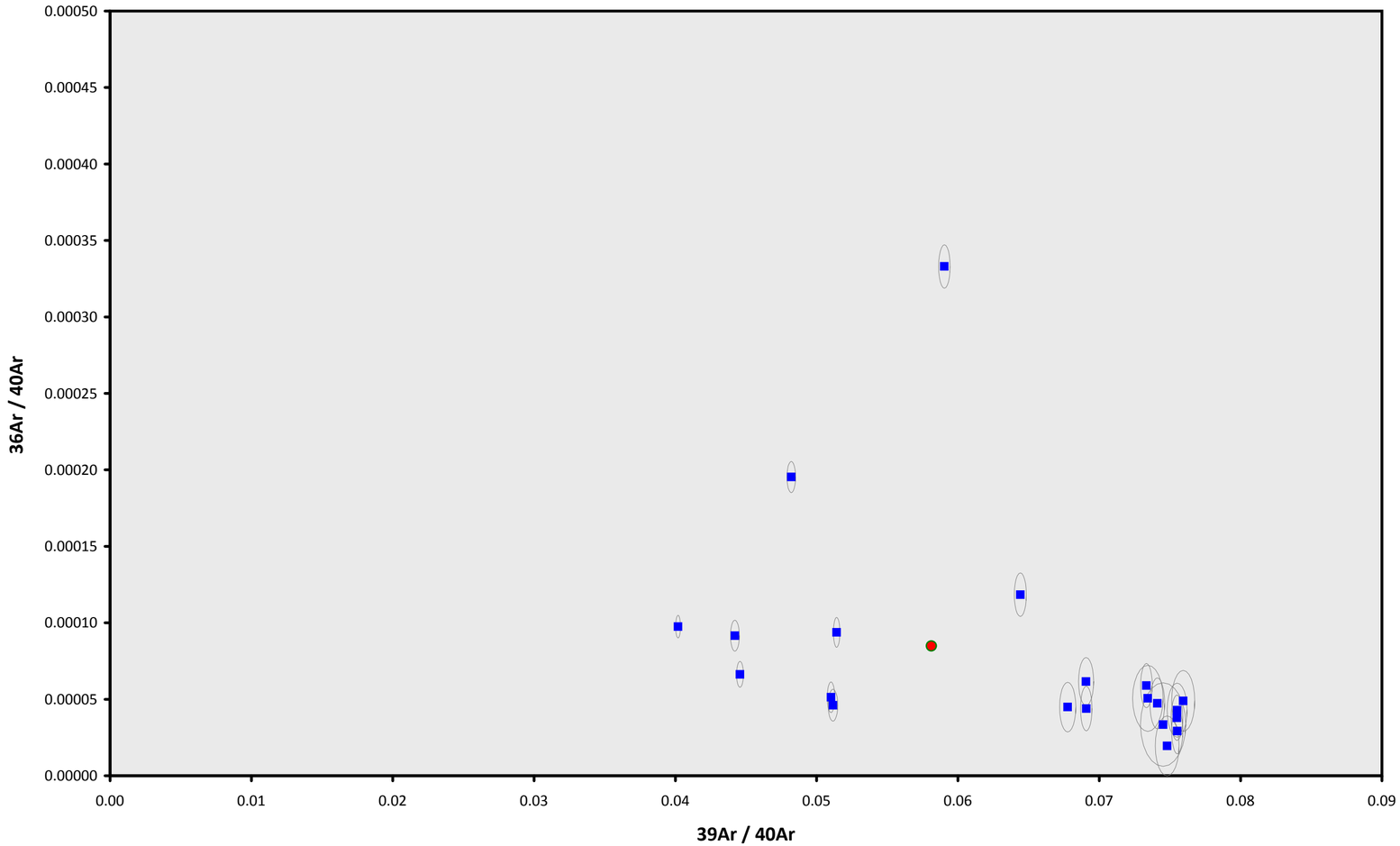
TOTAL FUSION
52.19 ± 0.17

Sample Info

Plagioclase
Wust Guyot
Susan Schnur

IRR = 15-OSU-07 (7B7-15)
J = 0.00174567 ± 0.00000250

16D13502.AGE >>> MV1203-D23-13A >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

TOTAL FUSION
52.19 ± 0.17

Sample Info

Plagioclase
Wust Guyot
Susan Schnur

IRR = 15-OSU-07 (7B7-15)
J = 0.00174567 ± 0.00000250