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
16D13460	1.0 %	✓	0.0862378	0.695	0.011886	1701.859	0.016960	149.660	0.8052	5.447	26.6474	0.215	1.44074 ± 0.49009	3.99 ± 1.35	4.35	0.04	29 ± 991
16D13462	2.0 %	✓	0.1626747	0.509	0.034981	552.218	0.140117	18.287	3.5622	1.227	53.4991	0.108	1.52186 ± 0.14619	4.21 ± 0.40	10.13	0.16	44 ± 484
16D13463	2.8 %	✓	0.1060228	0.637	0.131363	160.689	0.171647	15.099	6.9410	0.635	42.2580	0.138	1.56962 ± 0.06333	4.34 ± 0.17	25.78	0.32	23 ± 73
16D13465	3.4 %	✓	0.0890865	0.706	0.053921	377.677	0.231219	11.095	10.6237	0.420	43.0354	0.134	1.56912 ± 0.03905	4.34 ± 0.11	38.74	0.49	85 ± 640
16D13466	4.0 %	✓	0.0875845	0.723	0.056564	378.196	0.220656	11.229	11.3818	0.395	43.6695	0.132	1.55974 ± 0.03668	4.31 ± 0.10	40.65	0.52	87 ± 654
16D13467	4.6 %	✓	0.0573150	0.932	0.229076	86.108	0.227882	10.882	13.5893	0.336	38.1430	0.152	1.55556 ± 0.02697	4.30 ± 0.07	55.42	0.62	26 ± 44
16D13469	5.2 %	✓	0.2078159	0.472	0.100297	212.622	0.483560	5.358	27.0530	0.178	103.5932	0.056	1.55599 ± 0.02258	4.30 ± 0.06	40.63	1.24	116 ± 493
16D13470	6.0 %	✓	0.3432163	0.399	0.106199	189.877	0.854791	2.929	52.0494	0.110	181.9182	0.033	1.54306 ± 0.01609	4.27 ± 0.04	44.15	2.38	211 ± 800
16D13471	6.8 %	✓	0.1909641	0.482	0.092126	215.960	0.754004	3.417	47.3046	0.115	129.9857	0.046	1.55143 ± 0.01233	4.29 ± 0.03	56.46	2.16	221 ± 954
16D13473	7.6 %	✓	0.2785298	0.416	0.023622	920.801	0.940285	2.637	61.9085	0.099	178.8418	0.034	1.55566 ± 0.01167	4.30 ± 0.03	53.85	2.83	1127 ± 20754
16D13474	8.4 %	✓	0.2470206	0.428	0.291827	73.903	1.114652	2.334	75.6867	0.089	190.3828	0.032	1.54756 ± 0.00887	4.28 ± 0.02	61.52	3.46	112 ± 165
16D13475	9.2 %	✓	0.3583166	0.384	0.266082	76.859	1.422267	1.885	96.2499	0.082	255.2548	0.024	1.54842 ± 0.00892	4.28 ± 0.02	58.39	4.40	156 ± 239
16D13477	10.0 %	✓	0.2831397	0.407	0.295341	68.496	1.582634	1.599	108.0099	0.080	249.9045	0.024	1.53559 ± 0.00687	4.25 ± 0.02	66.37	4.94	157 ± 215
16D13478	10.8 %	✓	0.3306134	0.409	0.320878	61.910	1.863398	1.326	129.6124	0.076	297.6782	0.021	1.53939 ± 0.00667	4.26 ± 0.02	67.03	5.92	174 ± 215
16D13479	11.6 %	✓	0.2352192	0.429	0.591388	34.991	1.636925	1.462	114.6553	0.078	246.7323	0.025	1.54240 ± 0.00584	4.27 ± 0.02	71.67	5.24	83 ± 58
16D13481	12.4 %	✓	0.2833318	0.430	0.479781	42.147	1.811227	1.412	124.9701	0.076	276.7532	0.023	1.54118 ± 0.00631	4.26 ± 0.02	69.59	5.71	112 ± 94
16D13482	13.2 %	✓	0.2928277	0.407	0.302910	65.605	1.933480	1.352	135.1161	0.075	295.3262	0.021	1.54175 ± 0.00578	4.26 ± 0.02	70.54	6.17	192 ± 252
16D13483	14.0 %	✓	0.3234456	0.391	0.737336	27.677	1.757461	1.438	122.6837	0.077	284.8958	0.021	1.53988 ± 0.00662	4.26 ± 0.02	66.31	5.61	72 ± 40
16D13485	14.8 %	✓	0.2180378	0.454	0.339484	59.759	1.469858	1.713	104.2743	0.080	225.6165	0.027	1.54231 ± 0.00626	4.27 ± 0.02	71.28	4.76	132 ± 158
16D13486	15.6 %	✓	0.2529280	0.405	0.651921	31.685	1.691945	1.508	118.9195	0.077	258.5095	0.023	1.54203 ± 0.00572	4.27 ± 0.02	70.94	5.43	78 ± 50
16D13487	16.4 %	✓	0.2158304	0.448	0.589955	35.136	1.592413	1.623	109.6831	0.079	232.8899	0.026	1.53854 ± 0.00586	4.26 ± 0.02	72.46	5.01	80 ± 56
16D13489	17.2 %	✓	0.3092097	0.401	0.681436	29.723	1.576109	1.570	106.5660	0.080	255.6728	0.024	1.53858 ± 0.00741	4.26 ± 0.02	64.13	4.87	67 ± 40
16D13490	18.0 %	✓	0.2066509	0.449	0.752520	25.974	1.375939	1.775	97.7213	0.082	211.8246	0.028	1.53962 ± 0.00629	4.26 ± 0.02	71.03	4.47	56 ± 29
16D13491	18.8 %	✓	0.1967431	0.456	1.680955	11.495	1.436610	1.775	100.5308	0.081	214.0706	0.029	1.54870 ± 0.00599	4.28 ± 0.02	72.73	4.59	26 ± 6
16D13493	20.5 %	✓	0.2272478	0.474	1.279448	16.201	1.692712	1.446	117.1628	0.078	248.6764	0.025	1.54649 ± 0.00605	4.28 ± 0.02	72.86	5.35	39 ± 13
16D13494	22.5 %	✓	0.2640311	0.410	1.364565	15.017	1.901608	1.292	132.8143	0.075	283.4317	0.022	1.54369 ± 0.00544	4.27 ± 0.02	72.34	6.07	42 ± 13
16D13496	24.5 %		0.3784420	0.388	1.492275	13.881	2.279782	1.112	158.4961	0.073	358.3582	0.018	1.55245 ± 0.00599	4.29 ± 0.02	68.66	7.24	46 ± 13
		Σ	6.2324829	0.088	12.105645	8.769	32.180140	0.409	2188.3711	0.018	5227.5693	0.006					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D20B-06**
Material = **Biotite**
Location = **Humpback Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7A39-15)**
Position = **X: 0 | Y: 0 | Z/H: 65 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **10.26395 ± 0.01427**
FCT-NM J-value = **0.00153132 ± 0.00000213**
Air Shot 40Ar/36Ar = **304.4870 ± 0.4171**
Air Shot MDF = **0.99261166 ± 0.00066503 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **1.50 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IESS10082**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Phonolite**
Lat-Lon = **33°34.7'S - 2°23.9'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		1.54271 ± 0.00176	**4.27 ± 0.01**	1.28	92.76	33 ± 7
		± 0.11%	**± 0.30%**	16%	26	
		Full External Error ± 0.10		1.57	2σ Confidence Limit	
		Analytical Error ± 0.00		1.1331	Error Magnification	
Total Fusion Age		1.54394 ± 0.00161	**4.27 ± 0.01**		27	78 ± 14
		± 0.10%	**± 0.30%**			
		Full External Error ± 0.10				
		Analytical Error ± 0.00				
Normal Isochron	**296.90 ± 1.59**	1.53923 ± 0.00425	**4.26 ± 0.02**	1.17	92.76	
	± 0.54%	± 0.28%	**± 0.39%**	25%	26	
		Full External Error ± 0.10		1.58	2σ Confidence Limit	
		Analytical Error ± 0.01		1.0839	Error Magnification	
				6	Number of Iterations	
				0.0000137938	Convergence	
Inverse Isochron	**296.94 ± 1.59**	1.53918 ± 0.00426	**4.26 ± 0.02**	1.18	92.76	
	± 0.54%	± 0.28%	**± 0.39%**	25%	26	
		Full External Error ± 0.10		1.58	2σ Confidence Limit	
		Analytical Error ± 0.01		1.0848	Error Magnification	
Notes				3	Number of Iterations	
Good plateau				0.0000585871	Convergence	
				68%	Spreading Factor	

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
16D13460	1.0 %	✓	0.0862410	0.011886	0.0000000	0.8052	1.1601	3.99 ± 1.35	4.35	0.04	29 ± 991
16D13462	2.0 %	✓	0.1626540	0.034981	0.0668569	3.5622	5.4212	4.21 ± 0.40	10.13	0.16	44 ± 484
16D13463	2.8 %	✓	0.1060461	0.131363	0.0683290	6.9410	10.8948	4.34 ± 0.17	25.78	0.32	23 ± 73
16D13465	3.4 %	✓	0.0890861	0.053921	0.0867589	10.6237	16.6698	4.34 ± 0.11	38.74	0.49	85 ± 640
16D13466	4.0 %	✓	0.0875580	0.056564	0.0673535	11.3817	17.7526	4.31 ± 0.10	40.65	0.52	87 ± 654
16D13467	4.6 %	✓	0.0573668	0.229076	0.0536823	13.5894	21.1392	4.30 ± 0.07	55.42	0.62	26 ± 44
16D13469	5.2 %	✓	0.2077689	0.100297	0.1192462	27.0530	42.0941	4.30 ± 0.06	40.63	1.24	116 ± 493
16D13470	6.0 %	✓	0.3431600	0.106199	0.1644413	52.0493	80.3154	4.27 ± 0.04	44.15	2.38	211 ± 800
16D13471	6.8 %	✓	0.1909142	0.092126	0.1491946	47.3046	73.3898	4.29 ± 0.03	56.46	2.16	221 ± 954
16D13473	7.6 %	✓	0.2784991	0.023622	0.1434107	61.9085	96.3087	4.30 ± 0.03	53.85	2.83	1127 ± 20754
16D13474	8.4 %	✓	0.2469160	0.291827	0.1578981	75.6865	117.1298	4.28 ± 0.02	61.52	3.46	112 ± 165
16D13475	9.2 %	✓	0.3582121	0.266082	0.1973174	96.2497	149.0352	4.28 ± 0.02	58.39	4.40	156 ± 239
16D13477	10.0 %	✓	0.2830219	0.295341	0.2302511	108.0097	165.8586	4.25 ± 0.02	66.37	4.94	157 ± 215
16D13478	10.8 %	✓	0.3304867	0.320878	0.2422419	129.6122	199.5239	4.26 ± 0.02	67.03	5.92	174 ± 215
16D13479	11.6 %	✓	0.2350254	0.591388	0.2135436	114.6549	176.8440	4.27 ± 0.02	71.67	5.24	83 ± 58
16D13481	12.4 %	✓	0.2831606	0.479781	0.2547577	124.9698	192.6015	4.26 ± 0.02	69.59	5.71	112 ± 94
16D13482	13.2 %	✓	0.2927039	0.302910	0.2531716	135.1159	208.3156	4.26 ± 0.02	70.54	6.17	192 ± 252
16D13483	14.0 %	✓	0.3232116	0.737336	0.2209985	122.6832	188.9178	4.26 ± 0.02	66.31	5.61	72 ± 40
16D13485	14.8 %	✓	0.2179176	0.339484	0.1745832	104.2741	160.8232	4.27 ± 0.02	71.28	4.76	132 ± 158
16D13486	15.6 %	✓	0.2527179	0.651921	0.2139502	118.9191	183.3767	4.27 ± 0.02	70.94	5.43	78 ± 50
16D13487	16.4 %	✓	0.2156337	0.589955	0.2324759	109.6828	168.7508	4.26 ± 0.02	72.46	5.01	80 ± 56
16D13489	17.2 %	✓	0.3089879	0.681436	0.2362201	106.5655	163.9594	4.26 ± 0.02	64.13	4.87	67 ± 40
16D13490	18.0 %	✓	0.2064230	0.752520	0.1616256	97.7208	150.4530	4.26 ± 0.02	71.03	4.47	56 ± 29
16D13491	18.8 %	✓	0.1962630	1.680955	0.1903358	100.5296	155.6905	4.28 ± 0.02	72.73	4.59	26 ± 6
16D13493	20.5 %	✓	0.2268660	1.279448	0.2406440	117.1619	181.1895	4.28 ± 0.02	72.86	5.35	39 ± 13
16D13494	22.5 %	✓	0.2636243	1.364565	0.2543610	132.8134	205.0230	4.27 ± 0.02	72.34	6.07	42 ± 13
16D13496	24.5 %		0.3779930	1.492275	0.3021734	158.4951	246.0554	4.29 ± 0.02	68.66	7.24	46 ± 13
		Σ	6.2284588	12.105645	4.6958227	2188.3629	3378.6936				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D20B-06**
Material = **Biotite**
Location = **Humpback Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7A39-15)**
J = **0.00153132 ± 0.00000213**
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	1.54271	± 0.00176	**4.27**	**± 0.01**	1.28	92.76	33 ± 7
		± 0.11%		**± 0.30%**	16%	26	
		Full External Error		± 0.10	1.57	2σ Confidence Limit	
		Analytical Error		± 0.00	1.1331	Error Magnification	
Total Fusion Age	1.54394	± 0.00161	**4.27**	**± 0.01**		27	78 ± 14
		± 0.10%		**± 0.30%**			
		Full External Error		± 0.10			
		Analytical Error		± 0.00			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
16D13460	1.0 %	✓	9.34 ± 1.03	308.95 ± 4.51	0.1215
16D13462	2.0 %	✓	21.90 ± 0.58	328.83 ± 3.43	0.3752
16D13463	2.8 %	✓	65.45 ± 1.18	398.24 ± 5.21	0.6938
16D13465	3.4 %	✓	119.25 ± 1.96	482.62 ± 6.96	0.8451
16D13466	4.0 %	✓	129.99 ± 2.15	498.25 ± 7.36	0.8641
16D13467	4.6 %	✓	236.89 ± 4.71	663.99 ± 12.59	0.9289
16D13469	5.2 %	✓	130.21 ± 1.32	498.10 ± 4.74	0.9291
16D13470	6.0 %	✓	151.68 ± 1.26	529.55 ± 4.24	0.9610
16D13471	6.8 %	✓	247.78 ± 2.46	679.91 ± 6.60	0.9683
16D13473	7.6 %	✓	222.29 ± 1.91	641.31 ± 5.36	0.9696
16D13474	8.4 %	✓	306.53 ± 2.69	769.87 ± 6.62	0.9764
16D13475	9.2 %	✓	268.69 ± 2.11	711.55 ± 5.48	0.9758
16D13477	10.0 %	✓	381.63 ± 3.17	881.53 ± 7.21	0.9796
16D13478	10.8 %	✓	392.19 ± 3.27	899.23 ± 7.38	0.9821
16D13479	11.6 %	✓	487.84 ± 4.27	1047.95 ± 9.04	0.9822
16D13481	12.4 %	✓	441.34 ± 3.86	975.68 ± 8.41	0.9832
16D13482	13.2 %	✓	461.61 ± 3.82	1007.19 ± 8.22	0.9820
16D13483	14.0 %	✓	379.58 ± 3.03	880.00 ± 6.90	0.9796
16D13485	14.8 %	✓	478.50 ± 4.42	1033.50 ± 9.43	0.9831
16D13486	15.6 %	✓	470.56 ± 3.89	1021.12 ± 8.31	0.9807
16D13487	16.4 %	✓	508.65 ± 4.64	1078.08 ± 9.69	0.9832
16D13489	17.2 %	✓	344.89 ± 2.83	826.13 ± 6.65	0.9789
16D13490	18.0 %	✓	473.40 ± 4.34	1024.36 ± 9.25	0.9819
16D13491	18.8 %	✓	512.22 ± 4.77	1088.78 ± 10.00	0.9827
16D13493	20.5 %	✓	516.44 ± 4.98	1094.16 ± 10.42	0.9854
16D13494	22.5 %	✓	503.80 ± 4.21	1073.21 ± 8.84	0.9822
16D13496	24.5 %		419.31 ± 3.32	946.45 ± 7.37	0.9818

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**296.90 ± 1.59 ± 0.54%**	1.53923 ± 0.00425 ± 0.28%	**4.26 ± 0.02 ± 0.39%**	1.17 25%
			Full External Error ± 0.10	
			Analytical Error ± 0.01	

Statistics				
	2σ Confidence Limit	1.58	Convergence	0.000013793816
	Error Magnification	1.0839	Number of Iterations	6
	Number of Data Points	26	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ		36(a)/40(a+r) ± 2σ		r.i.
16D13460	1.0 %	✓	0.0302208	± 0.0032948	0.00323675	± 0.00004729	0.0116
16D13462	2.0 %	✓	0.0666017	± 0.0016413	0.00304109	± 0.00003169	0.0182
16D13463	2.8 %	✓	0.1643572	± 0.0021348	0.00251107	± 0.00003285	0.0447
16D13465	3.4 %	✓	0.2470931	± 0.0021800	0.00207202	± 0.00002988	0.0564
16D13466	4.0 %	✓	0.2608938	± 0.0021752	0.00200701	± 0.00002963	0.0566
16D13467	4.6 %	✓	0.3567611	± 0.0026331	0.00150604	± 0.00002856	0.0658
16D13469	5.2 %	✓	0.2614069	± 0.0009775	0.00200763	± 0.00001912	0.0355
16D13470	6.0 %	✓	0.2864273	± 0.0006563	0.00188841	± 0.00001513	0.0239
16D13471	6.8 %	✓	0.3644283	± 0.0009052	0.00147078	± 0.00001428	0.0355
16D13473	7.6 %	✓	0.3466220	± 0.0007268	0.00155930	± 0.00001304	0.0262
16D13474	8.4 %	✓	0.3981542	± 0.0007535	0.00129892	± 0.00001118	0.0252
16D13475	9.2 %	✓	0.3776175	± 0.0006493	0.00140538	± 0.00001082	0.0180
16D13477	10.0 %	✓	0.4329193	± 0.0007242	0.00113439	± 0.00000927	0.0176
16D13478	10.8 %	✓	0.4361365	± 0.0006855	0.00111207	± 0.00000913	0.0142
16D13479	11.6 %	✓	0.4655205	± 0.0007641	0.00095425	± 0.00000823	0.0178
16D13481	12.4 %	✓	0.4523378	± 0.0007221	0.00102492	± 0.00000884	0.0156
16D13482	13.2 %	✓	0.4583159	± 0.0007170	0.00099286	± 0.00000810	0.0148
16D13483	14.0 %	✓	0.4313348	± 0.0006927	0.00113636	± 0.00000892	0.0151
16D13485	14.8 %	✓	0.4629919	± 0.0007843	0.00096759	± 0.00000883	0.0195
16D13486	15.6 %	✓	0.4608286	± 0.0007459	0.00097932	± 0.00000797	0.0174
16D13487	16.4 %	✓	0.4718135	± 0.0007850	0.00092757	± 0.00000834	0.0190
16D13489	17.2 %	✓	0.4174696	± 0.0006993	0.00121046	± 0.00000975	0.0180
16D13490	18.0 %	✓	0.4621437	± 0.0008016	0.00097622	± 0.00000882	0.0212
16D13491	18.8 %	✓	0.4704544	± 0.0008121	0.00091846	± 0.00000843	0.0223
16D13493	20.5 %	✓	0.4719923	± 0.0007738	0.00091394	± 0.00000871	0.0170
16D13494	22.5 %	✓	0.4694313	± 0.0007373	0.00093179	± 0.00000768	0.0156
16D13496	24.5 %		0.4430303	± 0.0006669	0.00105658	± 0.00000823	0.0115

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD
Inverse Isochron	**296.94**	**± 1.59** **± 0.54%**	1.53918	± 0.00426 ± 0.28%	**4.26**	**± 0.02** **± 0.39%**	1.18 25%
					Full External Error	± 0.10	
					Analytical Error	± 0.01	

Statistics				
	2σ Confidence Limit	1.58	Convergence	0.0000585871
	Error Magnification	1.0848	Number of Iterations	3
	Number of Data Points	26	Calculated Line	Weighted York-2
	Spreading Factor	68.0%		

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
16D13460	1.0 %	✓	0.0862410	0.70	0.0000000	0.00	0.0000032	######	0.0000000	0.00	0.011886	######	0.0161184	0.70	0.0000000	0.00	0.009688	5.45	0.0000009	######	0.0000000	0.00	0.8052	5.45	0.0000080	######	1.1601	16.11	25.4842	0.70	0.0000000	0.00	0.0030783	6.06
16D13462	2.0 %	✓	0.1626540	0.51	0.0000000	0.00	0.0000093	552.22	0.0000114	38.35	0.034981	552.22	0.0304000	0.51	0.0000000	0.00	0.042857	1.24	0.0000025	552.37	0.0668569	38.36	3.5622	1.23	0.0000236	552.22	5.4212	4.64	48.0643	0.51	0.0000000	0.00	0.0136184	2.93
16D13463	2.8 %	✓	0.1060461	0.64	0.0000000	0.00	0.0000350	160.69	0.0000116	37.95	0.131363	160.69	0.0198200	0.64	0.0000000	0.00	0.083508	0.65	0.0000094	161.20	0.0683290	37.96	6.9410	0.63	0.0000887	160.69	10.8948	1.91	31.3366	0.64	0.0000000	0.00	0.0265356	2.73
16D13465	3.4 %	✓	0.0890861	0.71	0.0000000	0.00	0.0000144	377.68	0.0000148	29.59	0.053921	377.68	0.0166502	0.71	0.0000000	0.00	0.127814	0.45	0.0000039	377.89	0.0867589	29.61	10.6237	0.42	0.0000364	377.68	16.6698	1.17	26.3249	0.71	0.0000000	0.00	0.0406145	2.69
16D13466	4.0 %	✓	0.0875580	0.73	0.0000000	0.00	0.0000151	378.20	0.0000115	36.81	0.056564	378.20	0.0163646	0.73	0.0000000	0.00	0.136934	0.43	0.0000041	378.41	0.0673535	36.82	11.3817	0.40	0.0000382	378.20	17.7526	1.11	25.8734	0.73	0.0000000	0.00	0.0435124	2.69
16D13467	4.6 %	✓	0.0573668	0.94	0.0000000	0.00	0.0000610	86.11	0.0000091	46.22	0.229076	86.11	0.0107219	0.94	0.0000000	0.00	0.163494	0.37	0.0000164	87.06	0.0536823	46.23	13.5894	0.34	0.0001548	86.12	21.1392	0.80	16.9519	0.94	0.0000000	0.00	0.0519523	2.68
16D13469	5.2 %	✓	0.2077689	0.47	0.0000000	0.00	0.0000267	212.62	0.0000203	21.76	0.100297	212.62	0.0388320	0.47	0.0000000	0.00	0.325474	0.24	0.0000072	213.01	0.1192462	21.78	27.0530	0.18	0.0000678	212.63	42.0941	0.70	61.3957	0.47	0.0000000	0.00	0.1034234	2.67
16D13470	6.0 %	✓	0.3431600	0.40	0.0000000	0.00	0.0000283	189.88	0.0000280	15.27	0.106199	189.88	0.0641366	0.40	0.0000000	0.00	0.626206	0.19	0.0000076	190.31	0.1644413	15.30	52.0493	0.11	0.0000717	189.88	80.3154	0.51	101.4038	0.40	0.0000000	0.00	0.1989846	2.66
16D13471	6.8 %	✓	0.1909142	0.48	0.0000000	0.00	0.0000245	215.96	0.0000254	17.31	0.092126	215.96	0.0356819	0.48	0.0000000	0.00	0.569121	0.20	0.0000066	216.34	0.1491946	17.33	47.3046	0.12	0.0000622	215.96	73.3898	0.38	56.4151	0.48	0.0000000	0.00	0.1808454	2.66
16D13473	7.6 %	✓	0.2784991	0.42	0.0000000	0.00	0.0000063	920.80	0.0000244	17.35	0.023622	920.80	0.0520515	0.42	0.0000000	0.00	0.744821	0.19	0.0000017	920.89	0.1434107	17.37	61.9085	0.10	0.0000160	920.80	96.3087	0.36	82.2965	0.42	0.0000000	0.00	0.2366761	2.66
16D13474	8.4 %	✓	0.2469160	0.43	0.0000000	0.00	0.0000777	73.90	0.0000269	16.53	0.291827	73.90	0.0461486	0.43	0.0000000	0.00	0.910584	0.18	0.0000210	75.01	0.1578981	16.56	75.6865	0.09	0.0001972	73.91	117.1298	0.27	72.9637	0.43	0.0000000	0.00	0.2893495	2.66
16D13475	9.2 %	✓	0.3582121	0.38	0.0000000	0.00	0.0000709	76.86	0.0000336	13.66	0.266082	76.86	0.0669499	0.38	0.0000000	0.00	1.157981	0.18	0.0000191	77.92	0.1973174	13.69	96.2497	0.08	0.0001798	76.87	149.0352	0.28	105.8517	0.38	0.0000000	0.00	0.3679628	2.66
16D13477	10.0 %	✓	0.2830219	0.41	0.0000000	0.00	0.0000786	68.50	0.0000392	11.07	0.295341	68.50	0.0528968	0.41	0.0000000	0.00	1.299465	0.18	0.0000212	69.69	0.2302511	11.11	108.0097	0.08	0.0001995	68.51	165.8586	0.21	83.6330	0.41	0.0000000	0.00	0.4129212	2.66
16D13478	10.8 %	✓	0.3304867	0.41	0.0000000	0.00	0.0000854	61.91	0.0000413	10.31	0.320878	61.91	0.0617680	0.41	0.0000000	0.00	1.559365	0.18	0.0000230	63.22	0.2422419	10.35	129.6122	0.08	0.0002168	61.92	199.5239	0.20	97.6588	0.41	0.0000000	0.00	0.4955075	2.66
16D13479	11.6 %	✓	0.2350254	0.43	0.0000000	0.00	0.0001575	34.99	0.0000364	11.30	0.591388	34.99	0.0439262	0.43	0.0000000	0.00	1.379413	0.18	0.0000425	37.27	0.2135436	11.34	114.6549	0.08	0.0003995	35.02	176.8440	0.17	69.4500	0.43	0.0000000	0.00	0.4383256	2.66
16D13481	12.4 %	✓	0.2831606	0.43	0.0000000	0.00	0.0001278	42.15	0.0000434	10.14	0.479781	42.15	0.0529227	0.43	0.0000000	0.00	1.503512	0.18	0.0000344	44.05	0.2547577	10.18	124.9698	0.08	0.0003241	42.17	192.6015	0.19	83.6740	0.43	0.0000000	0.00	0.4777596	2.66
16D13482	13.2 %	✓	0.2927039	0.41	0.0000000	0.00	0.0000807	65.61	0.0000431	10.43	0.302910	65.60	0.0547064	0.41	0.0000000	0.00	1.625580	0.18	0.0000217	66.85	0.2531716	10.47	135.1159	0.08	0.0002046	65.62	208.3156	0.17	86.4940	0.41	0.0000000	0.00	0.5165482	2.66
16D13483	14.0 %	✓	0.3232116	0.39	0.0000000	0.00	0.0001964	27.68	0.0000377	11.54	0.737336	27.68	0.0604083	0.39	0.0000000	0.00	1.476001	0.18	0.0000529	30.50	0.2209985	11.57	122.6832	0.08	0.0004981	27.71	188.9178	0.20	95.5090	0.39	0.0000000	0.00	0.4690177	2.66
16D13485	14.8 %	✓	0.2179176	0.46	0.0000000	0.00	0.0000904	59.76	0.0000298	14.51	0.339484	59.76	0.0407288	0.46	0.0000000	0.00	1.254521	0.18	0.0000244	61.12	0.1745832	14.54	104.2741	0.08	0.0002294	59.77	160.8232	0.19	64.3947	0.46	0.0000000	0.00	0.3986397	2.66
16D13486	15.6 %	✓	0.2527179	0.41	0.0000000	0.00	0.0001736	31.69	0.0000365	12.02	0.651921	31.69	0.0472330	0.41	0.0000000	0.00	1.430715	0.18	0.0000468	34.18	0.2139502	12.06	118.9191	0.08	0.0004404	31.71	183.3767	0.17	74.6781	0.41	0.0000000	0.00	0.4546275	2.66
16D13487	16.4 %	✓	0.2156337	0.45	0.0000000	0.00	0.0001571	35.14	0.0000396	11.20	0.589955	35.14	0.0403019	0.45	0.0000000	0.00	1.319593	0.18	0.0000424	37.40	0.2324759	11.24	109.6828	0.08	0.0003986	35.16	168.7508	0.17	63.7197	0.45	0.0000000	0.00	0.4193172	2.66
16D13489	17.2 %	✓	0.3089879	0.40	0.0000000	0.00	0.0001815	29.72	0.0000403	10.56	0.681436	29.72	0.0577498	0.40	0.0000000	0.00	1.282090	0.18	0.0000489	32.37	0.2362201	10.60	106.5655	0.08	0.0004604	29.75	163.9594	0.23	91.3059	0.40	0.0000000	0.00	0.4074000	2.66
16D13490	18.0 %	✓	0.2064230	0.45	0.0000000	0.00	0.0002004	25.97	0.0000276	15.20	0.752520	25.97	0.0385805	0.45	0.0000000	0.00	1.175678	0.18	0.0000540	28.97	0.1616256	15.22	97.7208	0.08	0.0005084	26.01	150.4530	0.19	60.9980	0.45	0.0000000	0.00	0.3735865	2.66
16D13491	18.8 %	✓	0.1962630	0.46	0.0000000	0.00	0.0004476	11.50	0.0000325	13.48	1.680955	11.50	0.0366815	0.46	0.0000000	0.00	1.209472	0.18	0.0001207	17.22	0.1903358	13.51	100.5296	0.08	0.0011357	11.57	155.6905	0.18	57.9957	0.46	0.0000000	0.00	0.3843248	2.66
16D13493	20.5 %	✓	0.2268660	0.48	0.0000000	0.00	0.0003407	16.20	0.0000410	10.26	1.279448	16.20	0.0424013	0.48	0.0000000	0.00	1.409575	0.18	0.0000919	20.66	0.2406440	10.31	117.1619	0.08	0.0008644	16.26	181.1895	0.18	67.0389	0.48	0.0000000	0.00	0.4479101	2.66
16D13494	22.5 %	✓	0.2636243	0.41	0.0000000	0.00	0.0003634	15.02	0.0000434	9.77	1.364565	15.02	0.0492714	0.41	0.0000000	0.00	1.597878	0.18	0.0000980	19.75	0.2543610	9.81	132.8134	0.08	0.0009219	15.08	205.0230	0.16	77.9010	0.41	0.0000000	0.00	0.5077455	2.66
16D13496	24.5 %		0.3779930	0.39	0.0000000	0.00	0.0003974	13.88	0.0000515	8.52	1.492275	13.88	0.0706469	0.39	0.0000000	0.00	1.906855	0.18	0.0001071	18.90	0.3021734	8.57	158.4951	0.07	0.0010082	13.94	246.0554	0.18	111.6969	0.39	0.0000000	0.00	0.6059269	2.66
		Σ	6.2284588	0.09	0.0000000	0.00	0.0032237	8.77	0.0008003	2.76	12.105645	8.77	1.1640990	0.09	0.0000000	0.00	26.328194	0.04	0.0008692	9.51	4.6958227	2.77	2188.3629	0.02	0.0081786	8.78	3378.6936	0.05	1840.5096	0.09	0.0000000	0.00	8.3661113	0.60
		Σ							6.2324829	0.09	12.105645	8.77									32.188985	0.41			2188.3711	0.02							5227.5693	0.04

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D13460	1.0 %	✓	33.093946	1.804053	0.014762	0.251229	0.107101	0.005881	104.815	7.946771	1.00074073	1.279E-12
16D13462	2.0 %	✓	15.018359	0.185050	0.009820	0.054228	0.045666	0.000607	104.826	7.948624	1.00074081	2.568E-12
16D13463	2.8 %	✓	6.088212	0.039539	0.018926	0.030412	0.015275	0.000137	104.833	7.949605	1.00074086	2.028E-12
16D13465	3.4 %	✓	4.050895	0.017868	0.005076	0.019169	0.008386	0.000069	104.844	7.951459	1.00074094	2.066E-12
16D13466	4.0 %	✓	3.836788	0.015993	0.004970	0.018795	0.007695	0.000063	104.850	7.952332	1.00074098	2.096E-12
16D13467	4.6 %	✓	2.806852	0.010355	0.016857	0.014516	0.004218	0.000042	104.856	7.953313	1.00074102	1.831E-12
16D13469	5.2 %	✓	3.829267	0.007158	0.003707	0.007883	0.007682	0.000039	104.868	7.955168	1.00074111	4.972E-12
16D13470	6.0 %	✓	3.495105	0.004003	0.002040	0.003874	0.006594	0.000027	104.874	7.956041	1.00074114	8.732E-12
16D13471	6.8 %	✓	2.747843	0.003410	0.001948	0.004206	0.004037	0.000020	104.880	7.957024	1.00074119	6.239E-12
16D13473	7.6 %	✓	2.888809	0.003026	0.000382	0.003513	0.004499	0.000019	104.892	7.958879	1.00074127	8.584E-12
16D13474	8.4 %	✓	2.515406	0.002377	0.003856	0.002849	0.003264	0.000014	104.897	7.959753	1.00074131	9.138E-12
16D13475	9.2 %	✓	2.652000	0.002278	0.002764	0.002125	0.003723	0.000015	104.903	7.960626	1.00074135	1.225E-11
16D13477	10.0 %	✓	2.313718	0.001932	0.002734	0.001873	0.002621	0.000011	104.915	7.962483	1.00074143	1.200E-11
16D13478	10.8 %	✓	2.296679	0.001802	0.002476	0.001533	0.002551	0.000011	104.921	7.963466	1.00074148	1.429E-11
16D13479	11.6 %	✓	2.151949	0.001763	0.005158	0.001805	0.002052	0.000009	104.926	7.964340	1.00074152	1.184E-11
16D13481	12.4 %	✓	2.214555	0.001764	0.003839	0.001618	0.002267	0.000010	104.938	7.966197	1.00074160	1.328E-11
16D13482	13.2 %	✓	2.185721	0.001706	0.002242	0.001471	0.002167	0.000009	104.944	7.967180	1.00074164	1.418E-11
16D13483	14.0 %	✓	2.322198	0.001862	0.006010	0.001663	0.002636	0.000011	104.950	7.968055	1.00074168	1.367E-11
16D13485	14.8 %	✓	2.163683	0.001829	0.003256	0.001946	0.002091	0.000010	104.962	7.969913	1.00074177	1.083E-11
16D13486	15.6 %	✓	2.173819	0.001756	0.005482	0.001737	0.002127	0.000009	104.968	7.970897	1.00074181	1.241E-11
16D13487	16.4 %	✓	2.123297	0.001763	0.005379	0.001890	0.001968	0.000009	104.974	7.971772	1.00074185	1.118E-11
16D13489	17.2 %	✓	2.399197	0.002007	0.006395	0.001901	0.002902	0.000012	104.985	7.973631	1.00074193	1.227E-11
16D13490	18.0 %	✓	2.167641	0.001877	0.007701	0.002000	0.002115	0.000010	104.992	7.974615	1.00074198	1.017E-11
16D13491	18.8 %	✓	2.129403	0.001835	0.016721	0.001922	0.001957	0.000009	104.997	7.975490	1.00074202	1.028E-11
16D13493	20.5 %	✓	2.122486	0.001737	0.010920	0.001769	0.001940	0.000009	105.009	7.977350	1.00074210	1.194E-11
16D13494	22.5 %	✓	2.134045	0.001672	0.010274	0.001543	0.001988	0.000008	105.015	7.978335	1.00074215	1.360E-11
16D13496	24.5 %		2.260990	0.001699	0.009415	0.001307	0.002388	0.000009	105.027	7.980196	1.00074223	1.720E-11

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D13460	1.0 %	0.0025701 ± 0.0002586	0.0011057 ± 0.0179852	0.0381710 ± 0.0187147	0.0208567 ± 0.0405316	0.6182588 ± 0.0542741
16D13462	2.0 %	0.0023458 ± 0.0002586	0.0126136 ± 0.0179852	0.0311807 ± 0.0187147	0.0111847 ± 0.0405316	0.6572356 ± 0.0542741
16D13463	2.8 %	0.0022634 ± 0.0002586	0.0168314 ± 0.0179852	0.0289665 ± 0.0187147	0.0066823 ± 0.0405316	0.6696563 ± 0.0542741
16D13465	3.4 %	0.0021649 ± 0.0002586	0.0202342 ± 0.0179852	0.0269653 ± 0.0187147	0.0004660 ± 0.0405316	0.6814785 ± 0.0542741
16D13466	4.0 %	0.0021406 ± 0.0002586	0.0201623 ± 0.0179852	0.0268054 ± 0.0187147	0.0031637 ± 0.0405316	0.6830293 ± 0.0542741
16D13467	4.6 %	0.0021275 ± 0.0002586	0.0190795 ± 0.0179852	0.0270793 ± 0.0187147	0.0056587 ± 0.0405316	0.6825775 ± 0.0542741
16D13469	5.2 %	0.0021363 ± 0.0002586	0.0148707 ± 0.0179852	0.0285327 ± 0.0187147	0.0087565 ± 0.0405316	0.6776083 ± 0.0542741
16D13470	6.0 %	0.0021526 ± 0.0002586	0.0122142 ± 0.0179852	0.0294864 ± 0.0187147	0.0094713 ± 0.0405316	0.6743065 ± 0.0542741
16D13471	6.8 %	0.0021781 ± 0.0002586	0.0089189 ± 0.0179852	0.0306605 ± 0.0187147	0.0097071 ± 0.0405316	0.6704568 ± 0.0542741
16D13473	7.6 %	0.0022415 ± 0.0002586	0.0023430 ± 0.0179852	0.0329092 ± 0.0187147	0.0085451 ± 0.0405316	0.6642400 ± 0.0542741
16D13474	8.4 %	0.0022759 ± 0.0002586	0.0006963 ± 0.0179852	0.0338791 ± 0.0187147	0.0072985 ± 0.0405316	0.6623359 ± 0.0542741
16D13475	9.2 %	0.0023120 ± 0.0002586	0.0035841 ± 0.0179852	0.0347386 ± 0.0187147	0.0056290 ± 0.0405316	0.6613555 ± 0.0542741
16D13477	10.0 %	0.0023904 ± 0.0002586	0.0088993 ± 0.0179852	0.0360591 ± 0.0187147	0.0007901 ± 0.0405316	0.6629662 ± 0.0542741
16D13478	10.8 %	0.0024311 ± 0.0002586	0.0111126 ± 0.0179852	0.0364190 ± 0.0187147	0.0024039 ± 0.0405316	0.6660807 ± 0.0542741
16D13479	11.6 %	0.0024660 ± 0.0002586	0.0126631 ± 0.0179852	0.0365173 ± 0.0187147	0.0055565 ± 0.0405316	0.6702213 ± 0.0542741
16D13481	12.4 %	0.0025338 ± 0.0002586	0.0145150 ± 0.0179852	0.0359978 ± 0.0187147	0.0130338 ± 0.0405316	0.6832064 ± 0.0542741
16D13482	13.2 %	0.0025653 ± 0.0002586	0.0146562 ± 0.0179852	0.0353212 ± 0.0187147	0.0172954 ± 0.0405316	0.6921982 ± 0.0542741
16D13483	14.0 %	0.0025904 ± 0.0002586	0.0142866 ± 0.0179852	0.0344969 ± 0.0187147	0.0211782 ± 0.0405316	0.7012380 ± 0.0542741
16D13485	14.8 %	0.0026341 ± 0.0002586	0.0120022 ± 0.0179852	0.0321218 ± 0.0187147	0.0294388 ± 0.0405316	0.7228636 ± 0.0542741
16D13486	15.6 %	0.0026518 ± 0.0002586	0.0100266 ± 0.0179852	0.0305806 ± 0.0187147	0.0336451 ± 0.0405316	0.7350401 ± 0.0542741
16D13487	16.4 %	0.0026647 ± 0.0002586	0.0078783 ± 0.0179852	0.0290910 ± 0.0187147	0.0371783 ± 0.0405316	0.7458617 ± 0.0542741
16D13489	17.2 %	0.0026839 ± 0.0002586	0.0023237 ± 0.0179852	0.0257344 ± 0.0187147	0.0436722 ± 0.0405316	0.7672415 ± 0.0542741
16D13490	18.0 %	0.0026905 ± 0.0002586	0.0009987 ± 0.0179852	0.0239715 ± 0.0187147	0.0463323 ± 0.0405316	0.7766526 ± 0.0542741
16D13491	18.8 %	0.0026949 ± 0.0002586	0.0040603 ± 0.0179852	0.0224930 ± 0.0187147	0.0481091 ± 0.0405316	0.7832432 ± 0.0542741
16D13493	20.5 %	0.0027025 ± 0.0002586	0.0104800 ± 0.0179852	0.0199189 ± 0.0187147	0.0495908 ± 0.0405316	0.7893378 ± 0.0542741
16D13494	22.5 %	0.0027074 ± 0.0002586	0.0135643 ± 0.0179852	0.0190483 ± 0.0187147	0.0488462 ± 0.0405316	0.7867760 ± 0.0542741
16D13496	24.5 %	0.0027231 ± 0.0002586	0.0180658 ± 0.0179852	0.0188162 ± 0.0187147	0.0438734 ± 0.0405316	0.7672084 ± 0.0542741

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)
16D13460	1.0 %	0.0839344 ± 0.0004513	0.2468	EXP 149 of 150	0.0025684 ± 0.0172090	0.0132	EXP 150 of 150	0.0548808 ± 0.0165877	0.0219	EXP 150 of 150	0.81953 ± 0.01580	0.0598	EXP 150 of 150	27.26564 ± 0.01833	0.9997	EXP 150 of 150
16D13462	2.0 %	0.1558274 ± 0.0006052	0.2622	EXP 150 of 150	0.0169171 ± 0.0155339	0.0147	EXP 150 of 150	0.1692271 ± 0.0169417	0.0007	EXP 150 of 150	3.54454 ± 0.01525	0.5550	EXP 149 of 150	54.15632 ± 0.01976	0.9994	EXP 150 of 150
16D13463	2.8 %	0.1022945 ± 0.0005143	0.0065	EXP 150 of 150	0.0006726 ± 0.0187278	0.0059	EXP 150 of 150	0.1980778 ± 0.0173692	0.0015	EXP 150 of 150	6.89135 ± 0.01566	0.8618	EXP 150 of 150	42.92763 ± 0.02101	0.9993	EXP 150 of 150
16D13465	3.4 %	0.0862169 ± 0.0004819	0.0108	EXP 150 of 150	0.0136031 ± 0.0174284	0.0109	EXP 150 of 150	0.2547684 ± 0.0169839	0.0107	EXP 150 of 150	10.53707 ± 0.01640	0.9415	EXP 150 of 150	43.71689 ± 0.01920	0.9992	EXP 150 of 150
16D13466	4.0 %	0.0847755 ± 0.0004890	0.0285	EXP 150 of 150	0.0271177 ± 0.0191962	0.0032	EXP 150 of 150	0.2442013 ± 0.0156697	0.0133	EXP 150 of 150	11.28632 ± 0.01712	0.9386	EXP 150 of 150	44.35252 ± 0.01923	0.9991	EXP 150 of 150
16D13467	4.6 %	0.0562034 ± 0.0004067	0.3219	EXP 150 of 150	0.0090857 ± 0.0162698	0.0065	EXP 150 of 150	0.2515945 ± 0.0157031	0.0018	EXP 150 of 150	13.47340 ± 0.01822	0.9565	EXP 149 of 150	38.82559 ± 0.01984	0.9991	EXP 150 of 150
16D13469	5.2 %	0.1982080 ± 0.0007078	0.5733	EXP 150 of 150	0.0271994 ± 0.0190706	0.0003	EXP 150 of 150	0.5049480 ± 0.0173500	0.0521	EXP 150 of 150	26.82489 ± 0.01802	0.9899	EXP 150 of 150	104.27084 ± 0.02078	0.9954	EXP 150 of 150
16D13470	6.0 %	0.3259729 ± 0.0009031	0.7901	EXP 150 of 150	0.0252670 ± 0.0170527	0.0137	EXP 150 of 150	0.8716487 ± 0.0160307	0.0810	EXP 150 of 150	51.61786 ± 0.01928	0.9970	EXP 150 of 150	182.59247 ± 0.02541	0.7950	EXP 150 of 150
16D13471	6.8 %	0.1823504 ± 0.0006673	0.5238	EXP 150 of 150	0.0202406 ± 0.0165636	0.0002	EXP 150 of 150	0.7735252 ± 0.0171151	0.0716	EXP 150 of 150	46.91133 ± 0.01722	0.9970	EXP 150 of 150	130.65620 ± 0.02533	0.9803	EXP 150 of 150
16D13473	7.6 %	0.2650309 ± 0.0007827	0.7062	EXP 150 of 150	0.0052453 ± 0.0197673	0.0083	EXP 150 of 150	0.9593020 ± 0.0156585	0.0740	EXP 149 of 150	61.39790 ± 0.01957	0.9978	EXP 150 of 150	179.50605 ± 0.02595	0.9304	EXP 150 of 150
16D13474	8.4 %	0.2353368 ± 0.0007226	0.6354	EXP 150 of 150	0.0351551 ± 0.0194552	0.0005	EXP 150 of 150	1.1320632 ± 0.0174467	0.0791	EXP 150 of 150	75.06564 ± 0.01746	0.9988	EXP 150 of 150	191.04513 ± 0.02647	0.9657	EXP 150 of 150
16D13475	9.2 %	0.3403792 ± 0.0008720	0.8155	EXP 150 of 150	0.0291009 ± 0.0175386	0.0159	EXP 149 of 150	1.4359929 ± 0.0185445	0.1348	EXP 150 of 150	95.46376 ± 0.02181	0.9989	EXP 150 of 150	255.91619 ± 0.02886	0.9957	EXP 150 of 150
16D13477	10.0 %	0.2695292 ± 0.0007635	0.7541	EXP 150 of 150	0.0273714 ± 0.0171388	0.0000	EXP 150 of 150	1.5953111 ± 0.0163314	0.2294	EXP 150 of 150	107.13322 ± 0.02375	0.9990	EXP 150 of 150	250.56745 ± 0.02604	0.9966	EXP 150 of 150
16D13478	10.8 %	0.3143608 ± 0.0009135	0.7531	EXP 150 of 150	0.0282894 ± 0.0164791	0.0005	EXP 150 of 150	1.8722866 ± 0.0153843	0.3180	EXP 150 of 150	128.56375 ± 0.02039	0.9995	EXP 150 of 150	298.34431 ± 0.03057	0.9977	EXP 150 of 150
16D13479	11.6 %	0.2243925 ± 0.0006871	0.6348	EXP 149 of 150	0.0599479 ± 0.0179447	0.0065	EXP 150 of 150	1.6492584 ± 0.0141683	0.2594	EXP 149 of 150	113.73103 ± 0.02173	0.9992	EXP 150 of 150	247.40251 ± 0.02702	0.9956	EXP 150 of 150
16D13481	12.4 %	0.2698539 ± 0.0008469	0.6618	EXP 150 of 150	0.0443792 ± 0.0171065	0.0000	EXP 150 of 150	1.8204653 ± 0.0167013	0.2852	EXP 150 of 150	123.96970 ± 0.02122	0.9994	EXP 150 of 150	277.43640 ± 0.03144	0.9972	EXP 150 of 150
16D13482	13.2 %	0.2788447 ± 0.0007899	0.6919	EXP 150 of 150	0.0225221 ± 0.0164749	0.0160	EXP 150 of 150	1.9402354 ± 0.0175046	0.2654	EXP 150 of 150	134.03768 ± 0.02158	0.9995	EXP 150 of 150	296.01840 ± 0.03115	0.9977	EXP 150 of 150
16D13483	14.0 %	0.3077574 ± 0.0008118	0.7751	EXP 148 of 150	0.0762018 ± 0.0174252	0.0022	EXP 150 of 150	1.7659928 ± 0.0162599	0.2226	EXP 150 of 150	121.70990 ± 0.02406	0.9992	EXP 150 of 150	285.59704 ± 0.02730	0.9979	EXP 150 of 150
16D13485	14.8 %	0.2083500 ± 0.0006996	0.5713	EXP 150 of 150	0.0296507 ± 0.0172071	0.0034	EXP 150 of 150	1.4802636 ± 0.0161744	0.1365	EXP 150 of 150	103.45808 ± 0.02105	0.9991	EXP 150 of 150	226.33939 ± 0.02751	0.9948	EXP 150 of 150
16D13486	15.6 %	0.2412862 ± 0.0006642	0.6594	EXP 150 of 150	0.0699508 ± 0.0178500	0.0077	EXP 150 of 150	1.6975287 ± 0.0166409	0.1817	EXP 150 of 150	117.98872 ± 0.02121	0.9993	EXP 150 of 150	259.24452 ± 0.02698	0.9973	EXP 150 of 150
16D13487	16.4 %	0.2062980 ± 0.0006734	0.5761	EXP 149 of 150	0.0644893 ± 0.0179719	0.0059	EXP 150 of 150	1.5979779 ± 0.0171331	0.2593	EXP 150 of 150	108.83081 ± 0.02035	0.9993	EXP 150 of 150	233.63574 ± 0.02780	0.9950	EXP 150 of 150
16D13489	17.2 %	0.2944194 ± 0.0008162	0.7785	EXP 150 of 150	0.0812461 ± 0.0171304	0.0237	EXP 149 of 150	1.5785576 ± 0.0154820	0.2893	EXP 150 of 150	105.74542 ± 0.02285	0.9990	EXP 150 of 150	256.44001 ± 0.02979	0.9970	EXP 150 of 150
16D13490	18.0 %	0.1976630 ± 0.0006449	0.5853	EXP 150 of 150	0.0932746 ± 0.0158394	0.0178	EXP 150 of 150	1.3795818 ± 0.0150110	0.1283	EXP 150 of 150	96.97508 ± 0.02107	0.9990	EXP 150 of 150	212.60125 ± 0.02581	0.9937	EXP 150 of 150
16D13491	18.8 %	0.1883195 ± 0.0006265	0.4542	EXP 149 of 150	0.2101607 ± 0.0154039	0.0026	EXP 150 of 150	1.4378785 ± 0.0166521	0.1439	EXP 150 of 150	99.76357 ± 0.02096	0.9991	EXP 150 of 150	214.85381 ± 0.03145	0.9912	EXP 150 of 150
16D13493	20.5 %	0.2171080 ± 0.0007890	0.5361	EXP 150 of 150	0.1673154 ± 0.0179406	0.0123	EXP 149 of 150	1.6876228 ± 0.0150323	0.2923	EXP 149 of 150	116.26217 ± 0.02225	0.9992	EXP 150 of 150	249.46570 ± 0.03176	0.9964	EXP 150 of 150
16D13494	22.5 %	0.2518175 ± 0.0007154	0.6627	EXP 150 of 150	0.1808127 ± 0.0175210	0.0014	EXP 150 of 150	1.8925618 ± 0.0151422	0.2912	EXP 150 of 150	131.78599 ± 0.02053	0.9995	EXP 150 of 150	284.21851 ± 0.03033	0.9979	EXP 150 of 150
16D13496	24.5 %	0.3597784 ± 0.0009490	0.7590	EXP 150 of 150	0.2009243 ± 0.0178985	0.0042	EXP 150 of 150	2.2649167 ± 0.0162773	0.3069	EXP 150 of 150	157.25455 ± 0.02175	0.9996	EXP 150 of 150	359.12545 ± 0.03335	0.9989	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D13460	1.0 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13462	2.0 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13463	2.8 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13465	3.4 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13466	4.0 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13467	4.6 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13469	5.2 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13470	6.0 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13471	6.8 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13473	7.6 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13474	8.4 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13475	9.2 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13477	10.0 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13478	10.8 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13479	11.6 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13481	12.4 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13482	13.2 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13483	14.0 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13485	14.8 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13486	15.6 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13487	16.4 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13489	17.2 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13490	18.0 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13491	18.8 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13493	20.5 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13494	22.5 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	01
16D13496	24.5 %	Susan Schnur	15-OSU-07	0.00	0.00	65.00	Walvis Ridge\MV1203 (13-INT-04)	16D13459	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
16D13460	1.0 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	10	2	1
16D13462	2.0 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	10	19	1
16D13463	2.8 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	10	28	1
16D13465	3.4 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	10	45	1
16D13466	4.0 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	10	53	1
16D13467	4.6 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	11	2	1
16D13469	5.2 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	11	19	1
16D13470	6.0 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	11	27	1
16D13471	6.8 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	11	36	1
16D13473	7.6 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	11	53	1
16D13474	8.4 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	12	1	1
16D13475	9.2 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	12	9	1
16D13477	10.0 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	12	26	1
16D13478	10.8 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	12	35	1
16D13479	11.6 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	12	43	1
16D13481	12.4 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	13	0	1
16D13482	13.2 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	13	9	1
16D13483	14.0 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	13	17	1
16D13485	14.8 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	13	34	1
16D13486	15.6 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	13	43	1
16D13487	16.4 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	13	51	1
16D13489	17.2 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	14	8	1
16D13490	18.0 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	14	17	1
16D13491	18.8 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	14	25	1
16D13493	20.5 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	14	42	1
16D13494	22.5 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	14	51	1
16D13496	24.5 %	MV1203-D20B-06	Biotite	Humpback Seamount	FCT-NM (7A39-15)	28.201	0.082	Kuiper et al (2008)	10.26395	0.139	0.00153132	0.139	304.487	0.137	0.9926117	0.067	1	4.8E-14	1	APR	2016	15	8	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
16D13460	1.0 %	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
16D13462	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
16D13463	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
16D13465	3.4 %	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
16D13466	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
16D13467	4.6 %	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
16D13469	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
16D13470	6.0 %	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
16D13471	6.8 %	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
16D13473	7.6 %	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
16D13474	8.4 %	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
16D13475	9.2 %	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
16D13477	10.0 %	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
16D13478	10.8 %	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
16D13479	11.6 %	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
16D13481	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
16D13482	13.2 %	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
16D13483	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
16D13485	14.8 %	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
16D13486	15.6 %	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
16D13487	16.4 %	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
16D13489	17.2 %	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
16D13490	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
16D13491	18.8 %	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
16D13493	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
16D13494	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
16D13496	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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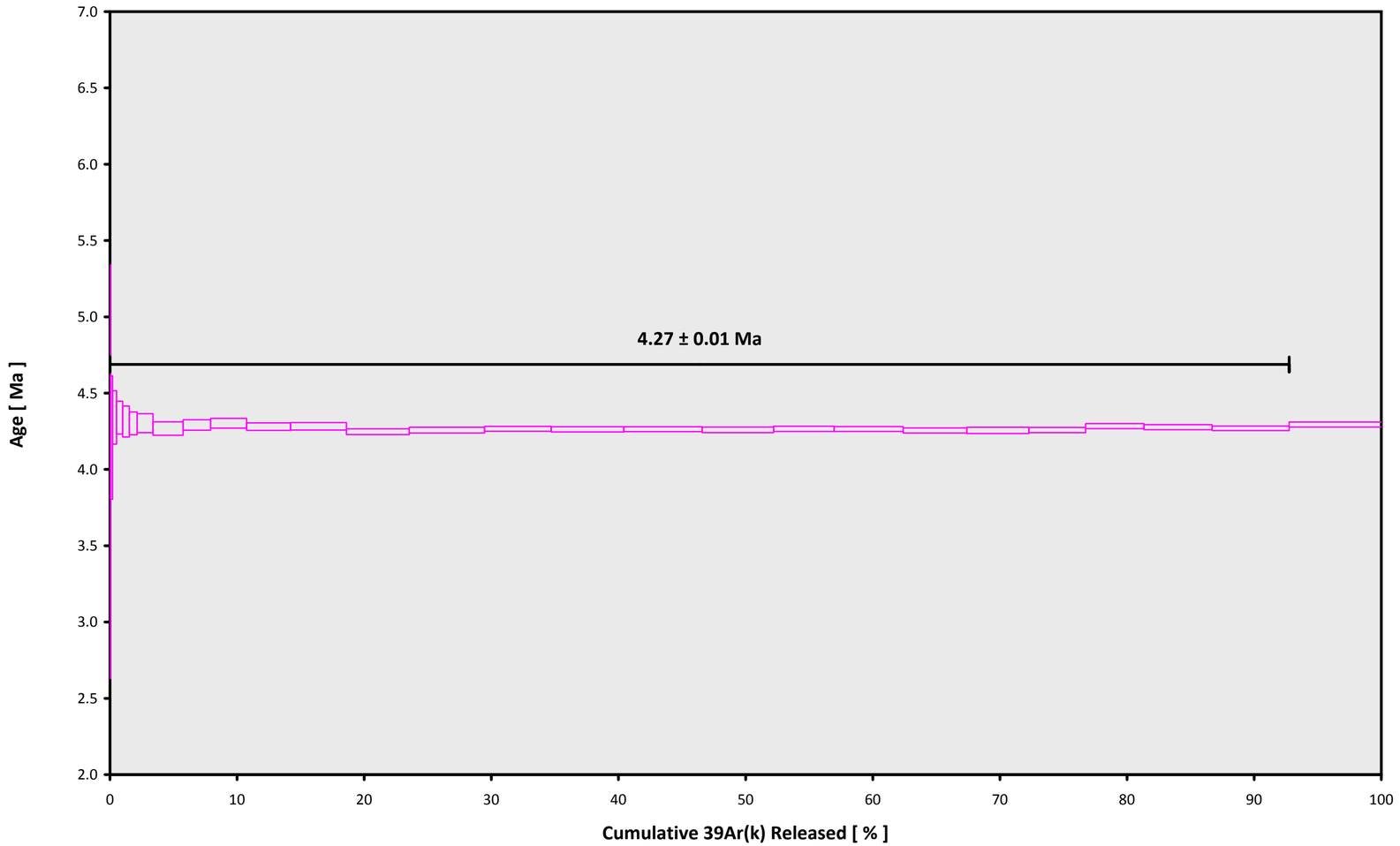


Ar-Ages in Ma

WEIGHTED PLATEAU
4.27 ± 0.01
TOTAL FUSION
4.27 ± 0.01
NORMAL ISOCHRON
4.26 ± 0.02
INVERSE ISOCHRON
4.26 ± 0.02

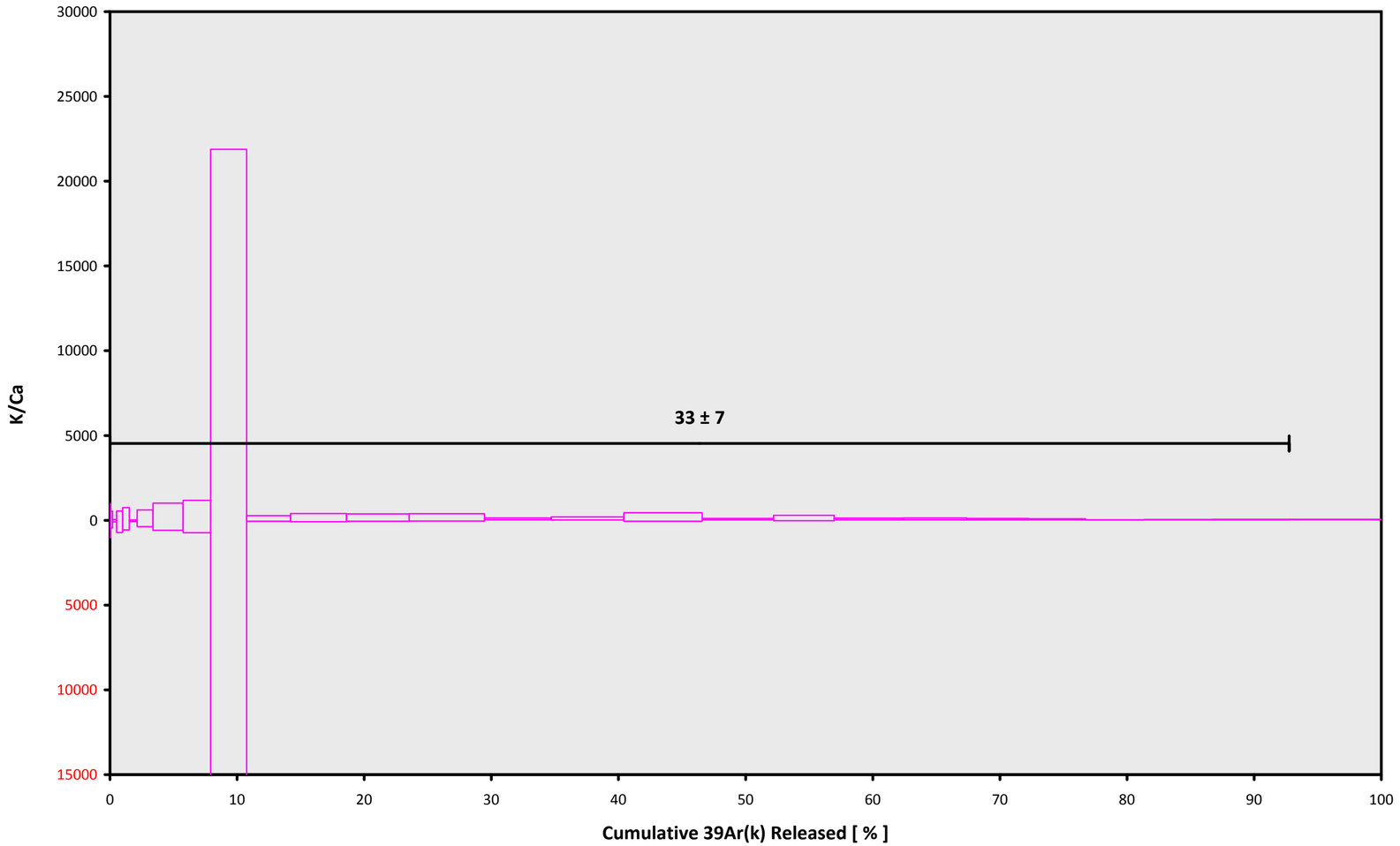
MSWD (PROBABILITY)
1.28 (16%)

Sample Info

Biotite
Humpback Seamount
Susan Schnur

IRR = 15-OSU-07 (7A39-15)
J = 0.00153132 ± 0.00000213

16D13459.AGE >>> MV1203-D20B-06 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

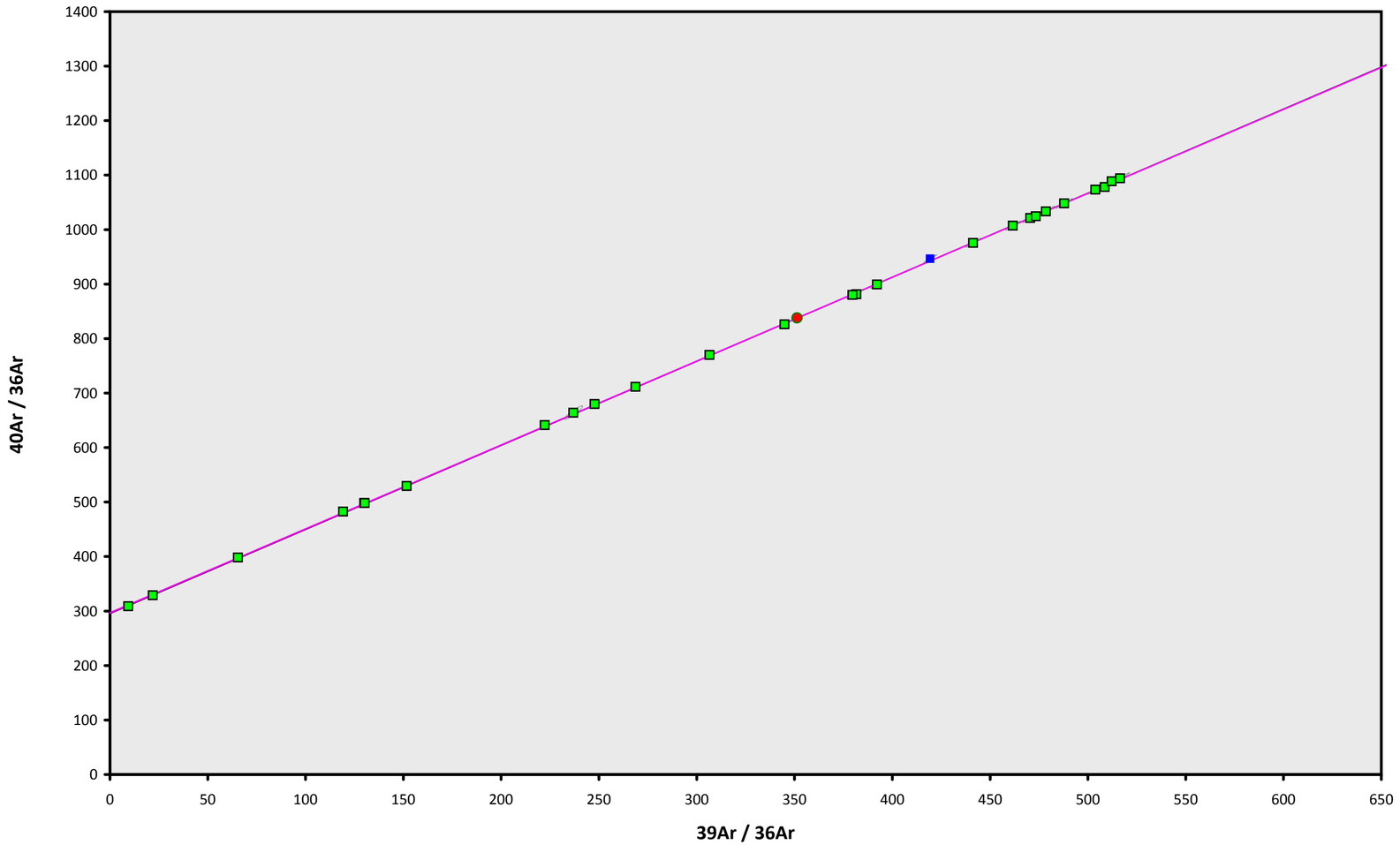
WEIGHTED PLATEAU
4.27 ± 0.01
TOTAL FUSION
4.27 ± 0.01
NORMAL ISOCHRON
4.26 ± 0.02
INVERSE ISOCHRON
4.26 ± 0.02

Sample Info

Biotite
Humpback Seamount
Susan Schnur

IRR = 15-OSU-07 (7A39-15)
J = 0.00153132 ± 0.00000213

16D13459.AGE >>> MV1203-D20B-06 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
4.27 ± 0.01
TOTAL FUSION
4.27 ± 0.01
NORMAL ISOCHRON
4.26 ± 0.02
INVERSE ISOCHRON
4.26 ± 0.02

MSWD (PROBABILITY)
1.17 (25%)

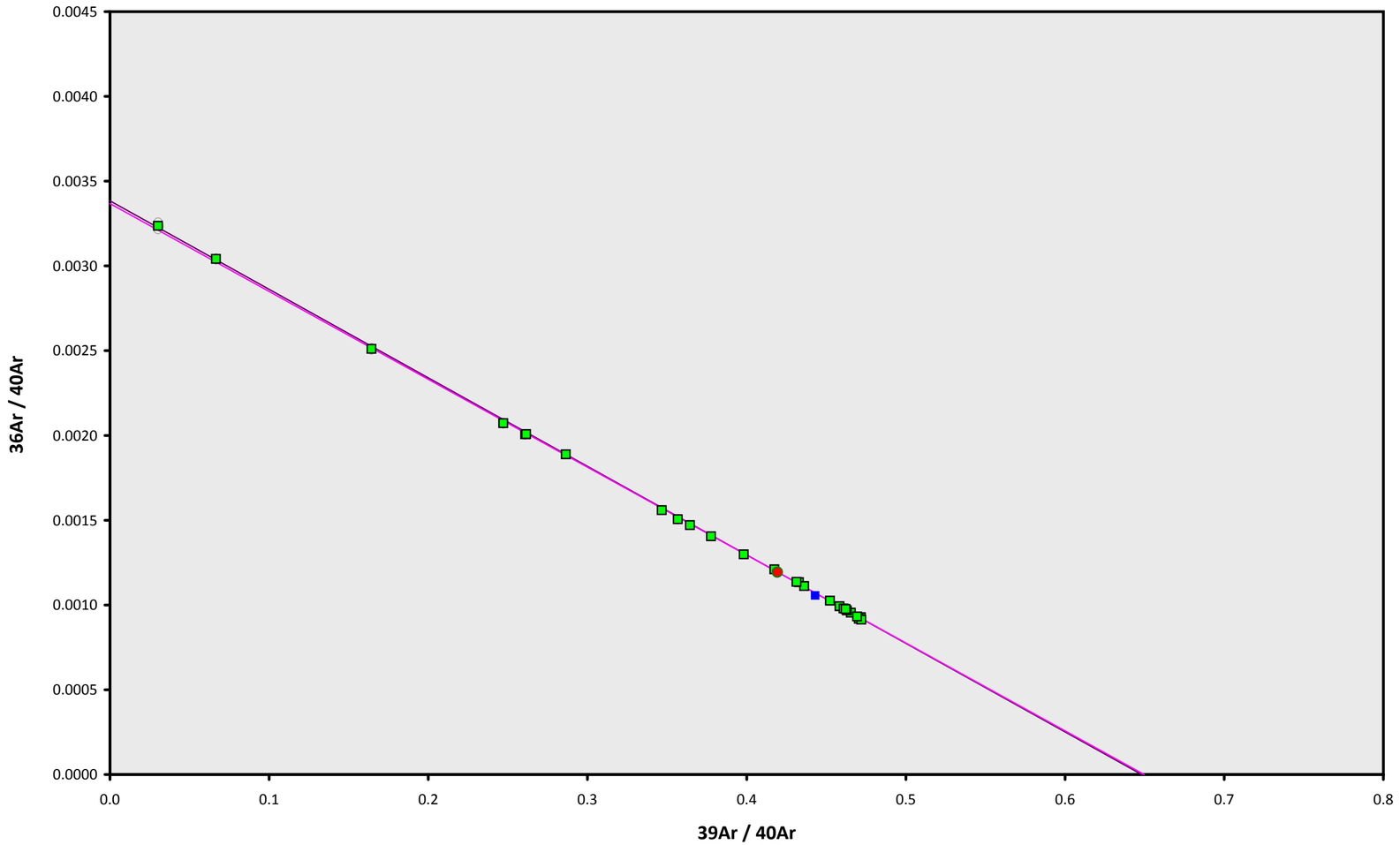
40AR/36AR INTERCEPT
296.9 ± 1.6

Sample Info

Biotite
Humpback Seamount
Susan Schnur

IRR = 15-OSU-07 (7A39-15)
J = 0.00153132 ± 0.00000213

16D13459.AGE >>> MV1203-D20B-06 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
4.27 ± 0.01
TOTAL FUSION
4.27 ± 0.01
NORMAL ISOCHRON
4.26 ± 0.02
INVERSE ISOCHRON
4.26 ± 0.02

MSWD (PROBABILITY)
1.18 (25%)

SPREADING FACTOR
68.0%

40AR/36AR INTERCEPT
296.9 ± 1.6

Sample Info

Biotite
Humpback Seamount
Susan Schnur

IRR = 15-OSU-07 (7A39-15)
J = 0.00153132 ± 0.00000213