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
13D04249	1.6 %		0.0239954	2.445	30.78788	2.517	2.196864	1.954	186.6847	0.068	550.317	0.016	2.91934 ± 0.00453	9.25 ± 0.01	99.02	3.86	2.61 ± 0.13
13D04251	2.0 %		0.0207615	2.977	34.72510	2.208	2.583710	1.510	218.9786	0.067	644.912	0.014	2.92604 ± 0.00436	9.27 ± 0.01	99.34	4.53	2.71 ± 0.12
13D04252	2.4 %	✓	0.0136315	4.347	25.74189	2.975	1.982076	2.043	165.8539	0.068	488.338	0.016	2.92880 ± 0.00466	9.28 ± 0.01	99.46	3.43	2.77 ± 0.16
13D04253	2.8 %	✓	0.0412105	1.882	65.91946	1.248	5.394370	0.747	455.1886	0.064	1342.038	0.009	2.92942 ± 0.00392	9.28 ± 0.01	99.35	9.41	2.97 ± 0.07
13D04255	3.2 %	✓	0.0286302	2.337	54.52345	1.451	4.574747	0.861	389.5402	0.064	1147.624	0.009	2.93185 ± 0.00395	9.29 ± 0.01	99.51	8.05	3.07 ± 0.09
13D04256	3.6 %	✓	0.0154258	3.811	35.67018	2.217	3.046477	1.275	253.2193	0.066	745.181	0.012	2.93237 ± 0.00417	9.29 ± 0.01	99.64	5.24	3.05 ± 0.14
13D04257	4.0 %	✓	0.0192087	3.206	43.58221	1.792	3.998985	1.016	329.5705	0.065	969.759	0.010	2.93212 ± 0.00401	9.29 ± 0.01	99.64	6.81	3.25 ± 0.12
13D04259	4.5 %	✓	0.0242466	2.845	47.75204	1.740	4.463103	0.892	371.1604	0.064	1093.213	0.009	2.93264 ± 0.00398	9.29 ± 0.01	99.56	7.67	3.34 ± 0.12
13D04260	5.2 %	✓	0.0279087	2.358	55.47121	1.506	5.373404	0.743	448.9616	0.064	1322.213	0.008	2.93282 ± 0.00389	9.30 ± 0.01	99.58	9.28	3.48 ± 0.10
13D04261	6.1 %	✓	0.0337864	1.997	57.16606	1.398	5.806653	0.683	489.0311	0.064	1440.866	0.008	2.93156 ± 0.00388	9.29 ± 0.01	99.49	10.11	3.68 ± 0.10
13D04263	7.3 %	✓	0.0412374	1.793	65.98695	1.224	7.385371	0.537	612.7219	0.063	1806.773	0.007	2.93374 ± 0.00382	9.30 ± 0.01	99.48	12.67	3.99 ± 0.10
13D04264	8.5 %	✓	0.0160322	3.783	36.80286	2.205	3.960508	0.996	329.4269	0.065	970.599	0.010	2.93713 ± 0.00402	9.31 ± 0.01	99.68	6.81	3.85 ± 0.17
13D04265	9.7 %		0.0049965	10.784	14.31778	5.648	1.499201	2.793	126.8549	0.071	374.140	0.022	2.94300 ± 0.00514	9.33 ± 0.02	99.78	2.62	3.81 ± 0.43
13D04267	11.2 %		0.0036742	13.096	10.52135	7.625	0.803014	5.011	68.3412	0.087	202.130	0.036	2.95037 ± 0.00719	9.35 ± 0.02	99.74	1.41	2.79 ± 0.43
13D04268	13.5 %		0.0028480	17.227	6.95993	10.481	0.630139	6.264	57.1018	0.095	169.237	0.044	2.95505 ± 0.00825	9.37 ± 0.03	99.70	1.18	3.53 ± 0.74
13D04269	16.5 %		0.0070657	7.560	18.41181	4.074	1.758230	2.285	145.5363	0.069	431.848	0.019	2.95933 ± 0.00482	9.38 ± 0.02	99.72	3.01	3.40 ± 0.28
13D04271	20.0 %		0.0105605	5.236	25.09023	3.158	2.252210	1.732	188.3895	0.067	558.963	0.015	2.95742 ± 0.00449	9.37 ± 0.01	99.67	3.90	3.23 ± 0.20
		Σ	0.3352197	0.760	629.43038	0.519	57.709065	0.286	4836.5614	0.018	14258.150	0.003					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D42-17**
Material = **K Feldspar**
Location = **Esk Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **13-OSU-05**
Position = **X: | Y: | Z/H: 17.16 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **8.94456 ± 0.01154**
FCT-NM J-value = **0.00175720 ± 0.00000227**
Air Shot 40Ar/36Ar = **302.7560 ± 0.2846**
Air Shot MDF = **0.99400063 ± 0.00062293 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **60 sec**
Isolation = **5.52 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IESS10012**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachyte**
Lat-Lon = **38°41.2'S - 11°48.1'W**

Age Equations = **Min et al. (2000)**
Negative Intensities = **Allowed**
Collector Calibrations = **40Ar 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		2.93233 ± 0.00141	**9.29 ± 0.02**	1.23	79.49	3.32 ± 0.24
		± 0.05%	**± 0.26%**	27%	10	
		Full External Error	± 0.21	1.94	2σ Confidence Limit	
		Analytical Error	± 0.00	1.1099	Error Magnification	
Total Fusion Age		2.93419 ± 0.00111	**9.30 ± 0.02**		17	3.30 ± 0.03
		± 0.04%	**± 0.26%**			
		Full External Error	± 0.21			
		Analytical Error	± 0.00			
Normal Isochron	**99.23 ± 129.37**	2.93888 ± 0.00446	**9.31 ± 0.03**	0.77	79.49	
	######## ± 0.30%	± 0.15%		63%	10	
		Full External Error	± 0.21	2.00	2σ Confidence Limit	
		Analytical Error	± 0.01	1.0000	Error Magnification	
				1	Number of Iterations	
				0.0000000853	Convergence	
Inverse Isochron	**137.08 ± 86.63**	2.93755 ± 0.00447	**9.31 ± 0.03**	0.73	79.49	
Clustered Points	**± 63.19%**	± 0.15%	**± 0.30%**	67%	10	
		Full External Error	± 0.21	2.00	2σ Confidence Limit	
		Analytical Error	± 0.01	1.0000	Error Magnification	
				4	Number of Iterations	
Notes				0.0002450230	Convergence	
Good plateau, weak excess argon signature at high T.				0%	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
13D04249	1.6 %		0.0157966	30.78788	0.0000000	186.6639	544.936	9.25 ± 0.01	99.02	3.86	2.61 ± 0.13
13D04251	2.0 %		0.0115142	34.72510	0.0000000	218.9551	640.672	9.27 ± 0.01	99.34	4.53	2.71 ± 0.12
13D04252	2.4 %	✓	0.0067764	25.74189	0.0000000	165.8365	485.702	9.28 ± 0.01	99.46	3.43	2.77 ± 0.16
13D04253	2.8 %	✓	0.0236562	65.91946	0.0000000	455.1441	1333.308	9.28 ± 0.01	99.35	9.41	2.97 ± 0.07
13D04255	3.2 %	✓	0.0141106	54.52345	0.0000000	389.5034	1141.966	9.29 ± 0.01	99.51	8.05	3.07 ± 0.09
13D04256	3.6 %	✓	0.0059268	35.67018	0.0000000	253.1952	742.461	9.29 ± 0.01	99.64	5.24	3.05 ± 0.14
13D04257	4.0 %	✓	0.0075959	43.58221	0.0297279	329.5410	966.255	9.29 ± 0.01	99.64	6.81	3.25 ± 0.12
13D04259	4.5 %	✓	0.0115302	47.75204	0.0000000	371.1281	1088.387	9.29 ± 0.01	99.56	7.67	3.34 ± 0.12
13D04260	5.2 %	✓	0.0131367	55.47121	0.0000000	448.9241	1316.615	9.30 ± 0.01	99.58	9.28	3.48 ± 0.10
13D04261	6.1 %	✓	0.0185631	57.16606	0.0000000	488.9925	1433.511	9.29 ± 0.01	99.49	10.11	3.68 ± 0.10
13D04263	7.3 %	✓	0.0236639	65.98695	0.0050896	612.6773	1797.438	9.30 ± 0.01	99.48	12.67	3.99 ± 0.10
13D04264	8.5 %	✓	0.0062316	36.80286	0.0000000	329.4021	967.498	9.31 ± 0.01	99.68	6.81	3.85 ± 0.17
13D04265	9.7 %		0.0011837	14.31778	0.0000000	126.8452	373.305	9.33 ± 0.02	99.78	2.62	3.81 ± 0.43
13D04267	11.2 %		0.0008724	10.52135	0.0000000	68.3341	201.611	9.35 ± 0.02	99.74	1.41	2.79 ± 0.43
13D04268	13.5 %		0.0009946	6.95993	0.0000000	57.0971	168.725	9.37 ± 0.03	99.70	1.18	3.53 ± 0.74
13D04269	16.5 %		0.0021614	18.41181	0.0057069	145.5238	430.653	9.38 ± 0.02	99.72	3.01	3.40 ± 0.28
13D04271	20.0 %		0.0038790	25.09023	0.0000000	188.3726	557.097	9.37 ± 0.01	99.67	3.90	3.23 ± 0.20
		Σ	0.1675931	629.43038	0.0405244	4836.1361	14190.138				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D42-17**
Material = **K Feldspar**
Location = **Esk Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **13-OSU-05**
J = **0.00175720 ± 0.00000227**
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	2.93233	± 0.00141	**9.29**	**± 0.02**	1.23	79.49	3.32 ± 0.24
		± 0.05%		**± 0.26%**	27%	10	
			Full External Error	± 0.21	1.94	2σ Confidence Limit	
			Analytical Error	± 0.00	1.1099	Error Magnification	
Total Fusion Age	2.93419	± 0.00111	**9.30**	**± 0.02**		17	3.30 ± 0.03
		± 0.04%		**± 0.26%**			
			Full External Error	± 0.21			
			Analytical Error	± 0.00			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
13D04249	1.6 %		11816.74 ± 930.87	34792.61 ± 2740.43	0.9998
13D04251	2.0 %		19016.05 ± 2150.66	55937.31 ± 6325.94	0.9999
13D04252	2.4 %	✓	24472.60 ± 4526.70	71970.80 ± 13312.11	1.0000
13D04253	2.8 %	✓	19239.95 ± 1312.04	56657.38 ± 3863.01	0.9998
13D04255	3.2 %	✓	27603.58 ± 2745.58	81225.07 ± 8078.38	0.9999
13D04256	3.6 %	✓	42720.41 ± 9005.45	125567.41 ± 26469.07	1.0000
13D04257	4.0 %	✓	43384.28 ± 7429.54	127503.52 ± 21834.32	1.0000
13D04259	4.5 %	✓	32187.45 ± 4046.55	94689.85 ± 11903.64	0.9999
13D04260	5.2 %	✓	34173.36 ± 3615.73	100519.90 ± 10634.80	0.9999
13D04261	6.1 %	✓	26342.25 ± 2009.34	77519.40 ± 5912.23	0.9999
13D04263	7.3 %	✓	25890.75 ± 1686.16	76252.31 ± 4965.07	0.9998
13D04264	8.5 %	✓	52860.32 ± 10925.22	155553.34 ± 32149.29	1.0000
13D04265	9.7 %		107162.19 ± 105067.24	315673.57 ± 309502.05	1.0000
13D04267	11.2 %		78331.09 ± 94546.46	231401.53 ± 279303.85	1.0000
13D04268	13.5 %		57405.92 ± 60914.58	169932.87 ± 180318.96	1.0000
13D04269	16.5 %		67329.54 ± 35540.36	199545.81 ± 105331.29	1.0000
13D04271	20.0 %		48562.75 ± 14822.17	143915.86 ± 43925.13	1.0000

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**99.23 ± 129.37 ± 130.38%**	2.93888 ± 0.00446 ± 0.15%	**9.31 ± 0.03 ± 0.30%**	0.77 63%
			Full External Error ± 0.21	
			Analytical Error ± 0.01	

Statistics				
	2σ Confidence Limit	2.00	Convergence	0.000000085269
	Error Magnification	1.0000	Number of Iterations	1
	Number of Data Points	10	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ		36(a)/40(a+r) ± 2σ		r.i.
13D04249	1.6 %		0.3396337	± 0.0004748	0.00002874	± 0.00000226	0.0009
13D04251	2.0 %		0.3399529	± 0.0004631	0.00001788	± 0.00000202	0.0005
13D04252	2.4 %	✓	0.3400351	± 0.0004742	0.00001389	± 0.00000257	0.0004
13D04253	2.8 %	✓	0.3395843	± 0.0004382	0.00001765	± 0.00000120	0.0004
13D04255	3.2 %	✓	0.3398406	± 0.0004404	0.00001231	± 0.00000122	0.0003
13D04256	3.6 %	✓	0.3402189	± 0.0004533	0.00000796	± 0.00000168	0.0002
13D04257	4.0 %	✓	0.3402595	± 0.0004455	0.00000784	± 0.00000134	0.0002
13D04259	4.5 %	✓	0.3399250	± 0.0004410	0.00001056	± 0.00000133	0.0002
13D04260	5.2 %	✓	0.3399661	± 0.0004385	0.00000995	± 0.00000105	0.0002
13D04261	6.1 %	✓	0.3398149	± 0.0004388	0.00001290	± 0.00000098	0.0003
13D04263	7.3 %	✓	0.3395406	± 0.0004337	0.00001311	± 0.00000085	0.0003
13D04264	8.5 %	✓	0.3398212	± 0.0004451	0.00000643	± 0.00000133	0.0002
13D04265	9.7 %		0.3394715	± 0.0005044	0.00000317	± 0.00000311	0.0001
13D04267	11.2 %		0.3385072	± 0.0006378	0.00000432	± 0.00000522	0.0002
13D04268	13.5 %		0.3378153	± 0.0007061	0.00000588	± 0.00000624	0.0004
13D04269	16.5 %		0.3374140	± 0.0004820	0.00000501	± 0.00000265	0.0002
13D04271	20.0 %		0.3374384	± 0.0004665	0.00000695	± 0.00000212	0.0002

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD
Inverse Isochron	**137.08**	**± 86.63**	2.93755	± 0.00447	**9.31**	**± 0.03**	0.73
Clustered Points		**± 63.19%**		± 0.15%		**± 0.30%**	67%
					Full External Error	± 0.21	
					Analytical Error	± 0.01	

Statistics				
	2σ Confidence Limit	2.00	Convergence	0.0002450230
	Error Magnification	1.0000	Number of Iterations	4
	Number of Data Points	10	Calculated Line	Weighted York-2
	Spreading Factor	0.2%		

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
13D04249	1.6 %		0.0157966	3.94	0.0000000	0.00	0.0081988	2.52	0.0000000	0.00	30.78788	2.52	0.0029524	3.94	0.0000000	0.00	2.245753	0.17	0.0022106	13.06	0.0000000	0.00	186.6639	0.07	0.0208003	2.84	544.936	0.04	4.667882	3.94	0.0000000	0.00	0.713616	2.66
13D04251	2.0 %		0.0115142	5.65	0.0000000	0.00	0.0092473	2.21	0.0000000	0.00	34.72510	2.21	0.0021520	5.65	0.0000000	0.00	2.634249	0.17	0.0024933	13.01	0.0000000	0.00	218.9551	0.07	0.0234603	2.57	640.672	0.03	3.402455	5.65	0.0000000	0.00	0.837065	2.66
13D04252	2.4 %	✓	0.0067764	9.25	0.0000000	0.00	0.0068551	2.98	0.0000000	0.00	25.74189	2.97	0.0012665	9.25	0.0000000	0.00	1.995179	0.17	0.0018483	13.16	0.0000000	0.00	165.8365	0.07	0.0173912	3.25	485.702	0.04	2.002431	9.25	0.0000000	0.00	0.633993	2.66
13D04253	2.8 %	✓	0.0236562	3.41	0.0000000	0.00	0.0175544	1.26	0.0000000	0.00	65.91946	1.25	0.0044213	3.41	0.0000000	0.00	5.475838	0.17	0.0047330	12.88	0.0000000	0.00	455.1441	0.06	0.0445352	1.82	1333.308	0.02	6.990405	3.41	0.0000000	0.00	1.740016	2.66
13D04255	3.2 %	✓	0.0141106	4.97	0.0000000	0.00	0.0145196	1.46	0.0000000	0.00	54.52345	1.45	0.0026373	4.97	0.0000000	0.00	4.686115	0.17	0.0039148	12.90	0.0000000	0.00	389.5034	0.06	0.0368360	1.96	1141.966	0.02	4.169686	4.97	0.0000000	0.00	1.489071	2.66
13D04256	3.6 %	✓	0.0059268	10.54	0.0000000	0.00	0.0094990	2.22	0.0000000	0.00	35.67018	2.22	0.0011077	10.54	0.0000000	0.00	3.046191	0.17	0.0025611	13.01	0.0000000	0.00	253.1952	0.07	0.0240988	2.58	742.461	0.03	1.751369	10.54	0.0000000	0.00	0.967965	2.66
13D04257	4.0 %	✓	0.0075959	8.56	0.0000000	0.00	0.0116059	1.80	0.0000069	138.59	43.58221	1.79	0.0014197	8.56	0.0000000	0.00	3.964708	0.17	0.0031292	12.94	0.0297279	138.59	329.5410	0.06	0.0294441	2.23	966.255	0.02	2.244577	8.56	0.0000000	0.00	1.259835	2.66
13D04259	4.5 %	✓	0.0115302	6.29	0.0000000	0.00	0.0127164	1.75	0.0000000	0.00	47.75204	1.74	0.0021550	6.29	0.0000000	0.00	4.465042	0.17	0.0034286	12.94	0.0000000	0.00	371.1281	0.06	0.0322613	2.18	1088.387	0.02	3.407178	6.29	0.0000000	0.00	1.418823	2.66
13D04260	5.2 %	✓	0.0131367	5.29	0.0000000	0.00	0.0147720	1.51	0.0000000	0.00	55.47121	1.51	0.0024552	5.29	0.0000000	0.00	5.401006	0.17	0.0039828	12.91	0.0000000	0.00	448.9241	0.06	0.0374763	2.00	1316.615	0.02	3.881886	5.29	0.0000000	0.00	1.716237	2.66
13D04261	6.1 %	✓	0.0185631	3.81	0.0000000	0.00	0.0152233	1.41	0.0000000	0.00	57.16606	1.40	0.0034694	3.81	0.0000000	0.00	5.883069	0.17	0.0041045	12.90	0.0000000	0.00	488.9925	0.06	0.0386214	1.92	1433.511	0.02	5.485382	3.81	0.0000000	0.00	1.869418	2.66
13D04263	7.3 %	✓	0.0236639	3.26	0.0000000	0.00	0.0175723	1.23	0.0000012	818.85	65.98695	1.22	0.0044228	3.26	0.0000000	0.00	7.371121	0.17	0.0047379	12.88	0.0050896	818.86	612.6773	0.06	0.0445808	1.80	1797.438	0.01	6.992695	3.26	0.0000000	0.00	2.342265	2.66
13D04264	8.5 %	✓	0.0062316	10.33	0.0000000	0.00	0.0098006	2.21	0.0000000	0.00	36.80286	2.21	0.0011647	10.33	0.0000000	0.00	3.963036	0.17	0.0026424	13.01	0.0000000	0.00	329.4021	0.06	0.0248640	2.57	967.498	0.02	1.841425	10.33	0.0000000	0.00	1.259304	2.66
13D04265	9.7 %		0.0011837	49.02	0.0000000	0.00	0.0038128	5.65	0.0000000	0.00	14.31778	5.65	0.0002212	49.02	0.0000000	0.00	1.526074	0.17	0.0010280	14.01	0.0000000	0.00	126.8452	0.07	0.0096731	5.80	373.305	0.05	0.349776	49.02	0.0000000	0.00	0.484929	2.66
13D04267	11.2 %		0.0008724	60.35	0.0000000	0.00	0.0028018	7.63	0.0000000	0.00	10.52135	7.62	0.0001630	60.35	0.0000000	0.00	0.822127	0.18	0.0007554	14.92	0.0000000	0.00	68.3341	0.09	0.0071082	7.74	201.611	0.09	0.257787	60.35	0.0000000	0.00	0.261241	2.66
13D04268	13.5 %		0.0009946	53.06	0.0000000	0.00	0.0018534	10.48	0.0000000	0.00	6.95993	10.48	0.0001859	53.06	0.0000000	0.00	0.686935	0.19	0.0004997	16.56	0.0000000	0.00	57.0971	0.09	0.0047021	10.56	168.725	0.10	0.293910	53.06	0.0000000	0.00	0.218282	2.66
13D04269	16.5 %		0.0021614	26.39	0.0000000	0.00	0.0049031	4.08	0.0000013	706.13	18.41181	4.07	0.0004040	26.39	0.0000000	0.00	1.750797	0.17	0.0013220	13.45	0.0057069	706.14	145.5238	0.07	0.0124390	4.28	430.653	0.04	0.638684	26.39	0.0000000	0.00	0.556338	2.66
13D04271	20.0 %		0.0038790	15.26	0.0000000	0.00	0.0066815	3.16	0.0000000	0.00	25.09023	3.16	0.0007250	15.26	0.0000000	0.00	2.266311	0.17	0.0018015	13.20	0.0000000	0.00	188.3726	0.07	0.0169510	3.42	557.097	0.04	1.146231	15.26	0.0000000	0.00	0.720148	2.66
		Σ	0.1675931	1.61	0.0000000	0.00	0.1676173	0.52	0.0000093	175.54	629.43038	0.52	0.0313231	1.61	0.0000000	0.00	58.183554	0.05	0.0451931	3.51	0.0405244	175.50	4836.1361	0.02	0.4252432	0.63	14190.138	0.01	49.523757	1.61	0.0000000	0.00	18.488548	0.74
		Σ							0.3352197	0.84	629.43038	0.52									58.300594	0.13			4836.5614	0.02							14258.150	0.01

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
13D04249	1.6 %		2.947843	0.002057	0.164919	0.004153	0.000129	0.000003	141.913	16.535960	1.00100272	2.642E-11
13D04251	2.0 %		2.945092	0.002003	0.158578	0.003503	0.000095	0.000003	141.930	16.541404	1.00100284	3.096E-11
13D04252	2.4 %	✓	2.944387	0.002050	0.155208	0.004619	0.000082	0.000004	141.939	16.544354	1.00100291	2.344E-11
13D04253	2.8 %	✓	2.948312	0.001899	0.144818	0.001810	0.000091	0.000002	141.947	16.547078	1.00100296	6.442E-11
13D04255	3.2 %	✓	2.946100	0.001906	0.139969	0.002033	0.000073	0.000002	141.965	16.552753	1.00100309	5.509E-11
13D04256	3.6 %	✓	2.942827	0.001958	0.140867	0.003124	0.000061	0.000002	141.974	16.555705	1.00100315	3.577E-11
13D04257	4.0 %	✓	2.942494	0.001923	0.132239	0.002371	0.000058	0.000002	141.982	16.558430	1.00100321	4.655E-11
13D04259	4.5 %	✓	2.945392	0.001908	0.128656	0.002240	0.000065	0.000002	141.999	16.564109	1.00100333	5.247E-11
13D04260	5.2 %	✓	2.945047	0.001896	0.123554	0.001863	0.000062	0.000001	142.008	16.566836	1.00100339	6.347E-11
13D04261	6.1 %	✓	2.946368	0.001899	0.116897	0.001636	0.000069	0.000001	142.017	16.569790	1.00100345	6.916E-11
13D04263	7.3 %	✓	2.948764	0.001880	0.107695	0.001320	0.000067	0.000001	142.033	16.575246	1.00100357	8.673E-11
13D04264	8.5 %	✓	2.946325	0.001927	0.111718	0.002465	0.000049	0.000002	142.042	16.578202	1.00100364	4.659E-11
13D04265	9.7 %		2.949353	0.002189	0.112867	0.006375	0.000039	0.000004	142.051	16.580931	1.00100370	1.796E-11
13D04267	11.2 %		2.957662	0.002784	0.153953	0.011740	0.000054	0.000007	142.068	16.586618	1.00100382	9.702E-12
13D04268	13.5 %		2.963776	0.003095	0.121886	0.012775	0.000050	0.000009	142.077	16.589576	1.00100388	8.123E-12
13D04269	16.5 %		2.967288	0.002116	0.126510	0.005154	0.000049	0.000004	142.085	16.592307	1.00100394	2.073E-11
13D04271	20.0 %		2.967059	0.002048	0.133183	0.004207	0.000056	0.000003	142.103	16.597997	1.00100406	2.683E-11

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
13D04249	1.6 %	0.0104987 ± 0.0003429	0.0210173 ± 0.0327525	0.0073323 ± 0.0262259	0.0213771 ± 0.0252266	2.8829417 ± 0.0623564
13D04251	2.0 %	0.0104509 ± 0.0003429	0.0330721 ± 0.0327525	0.0167103 ± 0.0262259	0.0430503 ± 0.0252266	2.9627483 ± 0.0623564
13D04252	2.4 %	0.0104292 ± 0.0003429	0.0395787 ± 0.0327525	0.0170352 ± 0.0262259	0.0552536 ± 0.0252266	2.9695183 ± 0.0623564
13D04253	2.8 %	0.0104213 ± 0.0003429	0.0448709 ± 0.0327525	0.0154187 ± 0.0262259	0.0658143 ± 0.0252266	2.9604187 ± 0.0623564
13D04255	3.2 %	0.0104622 ± 0.0003429	0.0520957 ± 0.0327525	0.0088798 ± 0.0262259	0.0832556 ± 0.0252266	2.9137254 ± 0.0623564
13D04256	3.6 %	0.0105203 ± 0.0003429	0.0532423 ± 0.0327525	0.0049929 ± 0.0262259	0.0889463 ± 0.0252266	2.8834299 ± 0.0623564
13D04257	4.0 %	0.0105975 ± 0.0003429	0.0525266 ± 0.0327525	0.0016895 ± 0.0262259	0.0917741 ± 0.0252266	2.8561594 ± 0.0623564
13D04259	4.5 %	0.0108242 ± 0.0003429	0.0455925 ± 0.0327525	0.0030963 ± 0.0262259	0.0897789 ± 0.0252266	2.8111811 ± 0.0623564
13D04260	5.2 %	0.0109579 ± 0.0003429	0.0399013 ± 0.0327525	0.0040356 ± 0.0262259	0.0851329 ± 0.0252266	2.7983890 ± 0.0623564
13D04261	6.1 %	0.0111127 ± 0.0003429	0.0323702 ± 0.0327525	0.0039619 ± 0.0262259	0.0776882 ± 0.0252266	2.7922205 ± 0.0623564
13D04263	7.3 %	0.0113953 ± 0.0003429	0.0162755 ± 0.0327525	0.0011130 ± 0.0262259	0.0588176 ± 0.0252266	2.8017446 ± 0.0623564
13D04264	8.5 %	0.0115254 ± 0.0003429	0.0074843 ± 0.0327525	0.0015062 ± 0.0262259	0.0469469 ± 0.0252266	2.8165812 ± 0.0623564
13D04265	9.7 %	0.0116155 ± 0.0003429	0.0001646 ± 0.0327525	0.0042050 ± 0.0262259	0.0358453 ± 0.0252266	2.8343292 ± 0.0623564
13D04267	11.2 %	0.0116519 ± 0.0003429	0.0093856 ± 0.0327525	0.0089041 ± 0.0262259	0.0157895 ± 0.0252266	2.8738980 ± 0.0623564
13D04268	13.5 %	0.0115540 ± 0.0003429	0.0093000 ± 0.0327525	0.0096430 ± 0.0262259	0.0092130 ± 0.0252266	2.8889057 ± 0.0623564
13D04269	16.5 %	0.0113683 ± 0.0003429	0.0047703 ± 0.0327525	0.0084014 ± 0.0262259	0.0070243 ± 0.0252266	2.8941601 ± 0.0623564
13D04271	20.0 %	0.0106019 ± 0.0003429	0.0232634 ± 0.0327525	0.0034258 ± 0.0262259	0.0199325 ± 0.0252266	2.8587947 ± 0.0623564

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)
13D04249	1.6 %	0.0338566 ± 0.0004529	0.7852	EXP 150 of 150	1.8494303 ± 0.0313006	0.0808	EXP 150 of 150	2.1778416 ± 0.0332274	0.1145	EXP 150 of 150	185.40233 ± 0.04271	0.9988	EXP 150 of 150	554.40220 ± 0.05914	0.9997	EXP 150 of 150
13D04251	2.0 %	0.0306608 ± 0.0004917	0.7928	EXP 150 of 150	2.0946277 ± 0.0302571	0.1329	EXP 150 of 150	2.5694245 ± 0.0280526	0.1753	EXP 150 of 150	217.49238 ± 0.04252	0.9992	EXP 150 of 150	649.28360 ± 0.06552	0.9998	EXP 150 of 150
13D04252	2.4 %	0.0236985 ± 0.0004625	0.7619	EXP 150 of 150	1.5675481 ± 0.0307817	0.0534	EXP 150 of 150	1.9753329 ± 0.0301040	0.1572	EXP 150 of 150	164.75086 ± 0.03423	0.9990	EXP 150 of 150	492.37438 ± 0.05076	0.9997	EXP 150 of 150
13D04253	2.8 %	0.0505369 ± 0.0006649	0.8347	EXP 150 of 150	3.9570284 ± 0.0317841	0.3181	EXP 150 of 150	5.3450742 ± 0.0291741	0.5464	EXP 150 of 150	452.07551 ± 0.05200	0.9997	EXP 150 of 150	1347.93012 ± 0.09717	0.9999	EXP 150 of 150
13D04255	3.2 %	0.0383317 ± 0.0005490	0.8761	EXP 150 of 150	3.2868187 ± 0.0304109	0.2746	EXP 150 of 150	4.5287456 ± 0.0281654	0.4015	EXP 150 of 150	386.90298 ± 0.04642	0.9997	EXP 150 of 150	1153.04523 ± 0.08692	0.9999	EXP 150 of 150
13D04256	3.6 %	0.0255362 ± 0.0004567	0.8516	EXP 150 of 150	2.1690764 ± 0.0322248	0.1897	EXP 150 of 150	3.0149222 ± 0.0277636	0.2835	EXP 149 of 150	251.53976 ± 0.04201	0.9994	EXP 150 of 150	749.69182 ± 0.05963	0.9998	EXP 150 of 150
13D04257	4.0 %	0.0292958 ± 0.0004895	0.8879	EXP 150 of 150	2.6372501 ± 0.0306724	0.2145	EXP 150 of 150	3.9527001 ± 0.0299694	0.3911	EXP 150 of 150	327.36054 ± 0.04695	0.9995	EXP 150 of 150	974.73369 ± 0.07101	0.9999	EXP 150 of 150
13D04259	4.5 %	0.0344266 ± 0.0005743	0.8434	EXP 150 of 150	2.8766441 ± 0.0345727	0.1602	EXP 150 of 150	4.4064647 ± 0.0288039	0.4422	EXP 150 of 150	368.65791 ± 0.04525	0.9997	EXP 150 of 150	1098.41217 ± 0.07892	0.9999	EXP 150 of 150
13D04260	5.2 %	0.0381250 ± 0.0005365	0.9009	EXP 150 of 150	3.3280544 ± 0.0341597	0.2340	EXP 150 of 150	5.3049060 ± 0.0287276	0.5654	EXP 150 of 150	445.91111 ± 0.05127	0.9997	EXP 150 of 150	1327.89977 ± 0.09153	0.9999	EXP 150 of 150
13D04261	6.1 %	0.0440014 ± 0.0005539	0.9086	EXP 150 of 150	3.4203845 ± 0.0307184	0.2281	EXP 150 of 150	5.7330311 ± 0.0282289	0.5589	EXP 150 of 150	485.69333 ± 0.06079	0.9997	EXP 150 of 150	1446.80582 ± 0.09264	0.9999	EXP 150 of 150
13D04263	7.3 %	0.0515371 ± 0.0006243	0.9082	EXP 150 of 150	3.9257830 ± 0.0302660	0.2120	EXP 150 of 150	7.2956588 ± 0.0276667	0.6618	EXP 149 of 150	608.50128 ± 0.05837	0.9998	EXP 150 of 150	1813.52134 ± 0.10224	0.9999	EXP 150 of 150
13D04264	8.5 %	0.0271316 ± 0.0004789	0.8936	EXP 150 of 150	2.1875425 ± 0.0338309	0.1606	EXP 150 of 150	3.9145017 ± 0.0284293	0.4569	EXP 150 of 150	327.17301 ± 0.04629	0.9996	EXP 150 of 150	975.53556 ± 0.07765	0.9998	EXP 150 of 150
13D04265	9.7 %	0.0164792 ± 0.0003967	0.7864	EXP 150 of 150	0.8481546 ± 0.0347361	0.0184	EXP 150 of 150	1.4854209 ± 0.0319385	0.0572	EXP 149 of 150	126.00470 ± 0.03333	0.9984	EXP 150 of 150	377.79144 ± 0.05509	0.9994	EXP 150 of 150
13D04267	11.2 %	0.0152285 ± 0.0003190	0.7845	EXP 150 of 150	0.6135418 ± 0.0342879	0.0541	EXP 150 of 150	0.8022850 ± 0.0298667	0.0313	EXP 150 of 150	67.87962 ± 0.03242	0.9948	EXP 150 of 150	205.44552 ± 0.03707	0.9989	EXP 150 of 150
13D04268	13.5 %	0.0143264 ± 0.0003324	0.7574	EXP 150 of 150	0.4026965 ± 0.0280793	0.0018	EXP 150 of 150	0.6322221 ± 0.0288556	0.0017	EXP 150 of 150	56.71218 ± 0.03147	0.9930	EXP 150 of 150	172.49559 ± 0.04086	0.9980	EXP 150 of 150
13D04269	16.5 %	0.0182463 ± 0.0003906	0.7875	EXP 149 of 150	1.0849464 ± 0.0295680	0.0046	EXP 150 of 150	1.7455388 ± 0.0297216	0.1565	EXP 150 of 150	144.52678 ± 0.03204	0.9989	EXP 150 of 150	435.68560 ± 0.05661	0.9996	EXP 150 of 150
13D04271	20.0 %	0.0208818 ± 0.0004141	0.8184	EXP 149 of 150	1.5077386 ± 0.0328949	0.0806	EXP 150 of 150	2.2217654 ± 0.0280865	0.2301	EXP 150 of 150	187.09361 ± 0.03932	0.9990	EXP 150 of 150	563.04285 ± 0.05726	0.9997	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
13D04249	1.6 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04251	2.0 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04252	2.4 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04253	2.8 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04255	3.2 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04256	3.6 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04257	4.0 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04259	4.5 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04260	5.2 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04261	6.1 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04263	7.3 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04264	8.5 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04265	9.7 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04267	11.2 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04268	13.5 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04269	16.5 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	01
13D04271	20.0 %	Susan Schnur	13-OSU-05			17.16	Walvis Ridge\MV1203 (13-INT-04)	13D04248	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
13D04249	1.6 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	19	31	1
13D04251	2.0 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	19	55	1
13D04252	2.4 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	20	8	1
13D04253	2.8 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	20	20	1
13D04255	3.2 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	20	45	1
13D04256	3.6 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	20	58	1
13D04257	4.0 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	21	10	1
13D04259	4.5 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	21	35	1
13D04260	5.2 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	21	47	1
13D04261	6.1 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	22	0	1
13D04263	7.3 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	22	24	1
13D04264	8.5 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	22	37	1
13D04265	9.7 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	22	49	1
13D04267	11.2 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	23	14	1
13D04268	13.5 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	23	27	1
13D04269	16.5 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	10	NOV	2013	23	39	1
13D04271	20.0 %	MV1203-D42-17	K Feldspar	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	8.94456	0.129	0.00175720	0.129	302.756	0.094	0.99400063	0.063	1	4.8E-14	11	NOV	2013	0	4	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
13D04249	1.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04251	2.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04252	2.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04253	2.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04255	3.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04256	3.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04257	4.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04259	4.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04260	5.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04261	6.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04263	7.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04264	8.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04265	9.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04267	11.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04268	13.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04269	16.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D04271	20.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0

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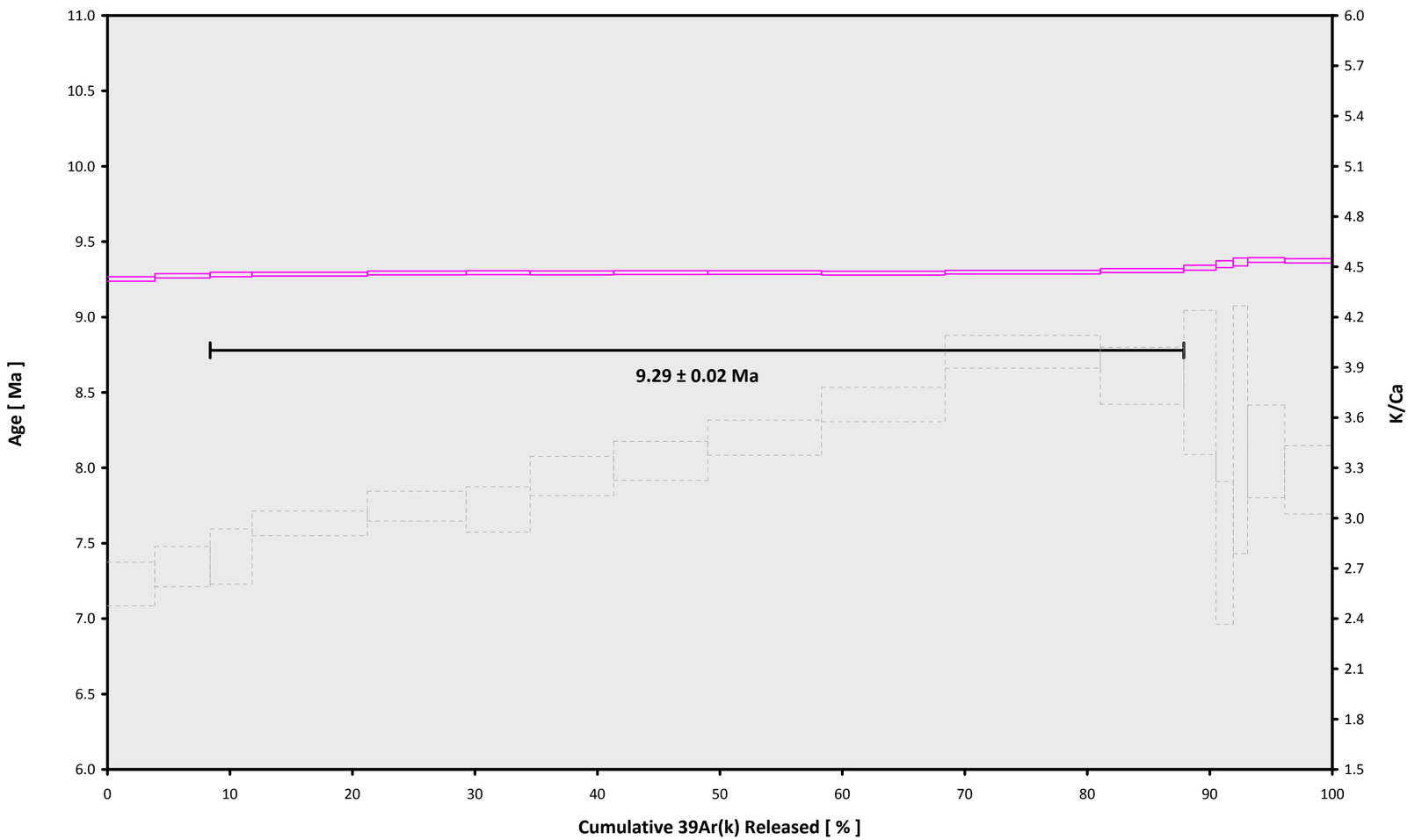


Ar-Ages in Ma

WEIGHTED PLATEAU
9.29 ± 0.02
TOTAL FUSION
9.30 ± 0.02
NORMAL ISOCHRON
9.31 ± 0.03
INVERSE ISOCHRON
9.31 ± 0.03

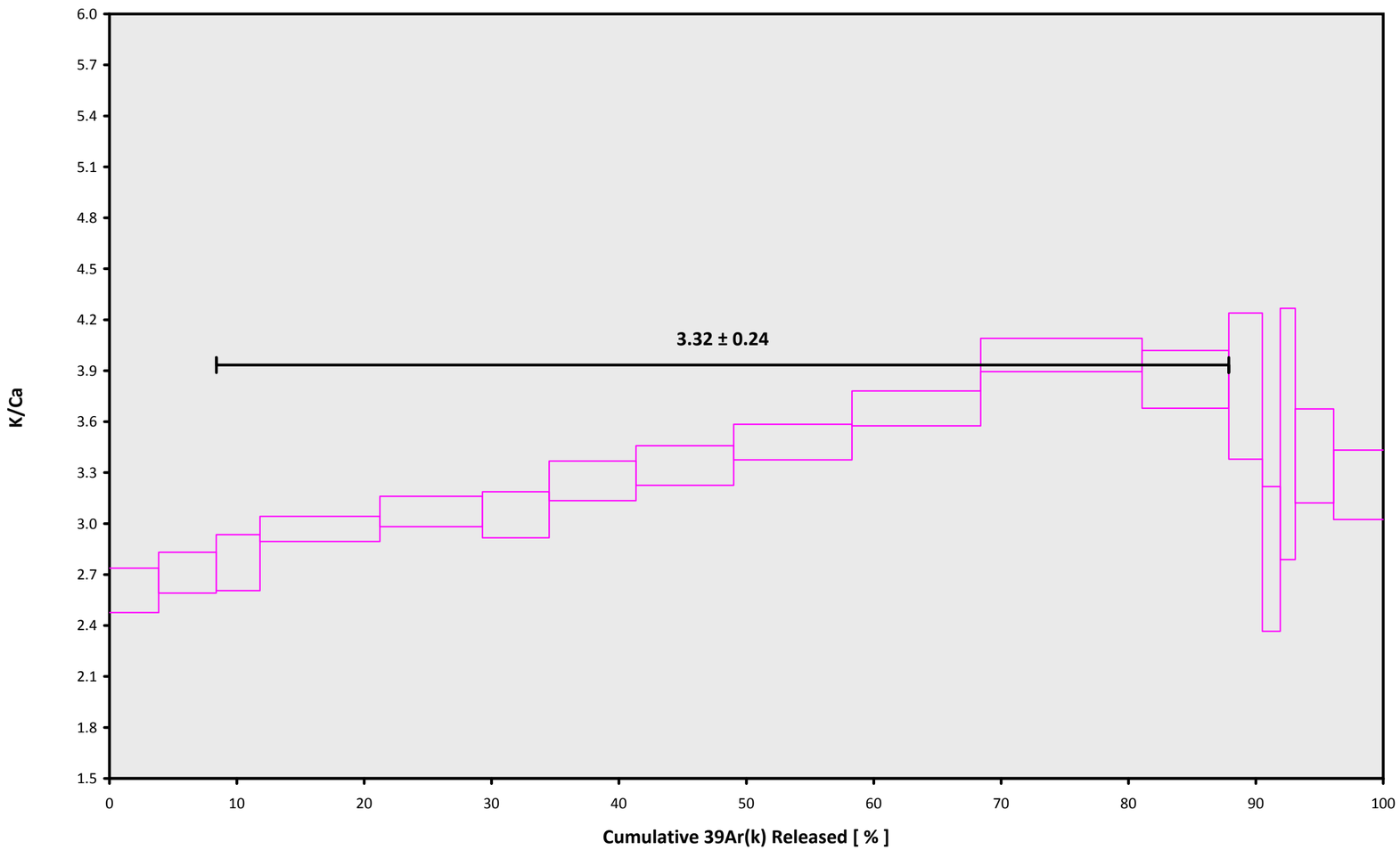
MSWD (PROBABILITY)
1.23 (27%)

Sample Info

K Feldspar
Esk Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00175720 ± 0.00000227

13D04248.AGE >>> MV1203-D42-17 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

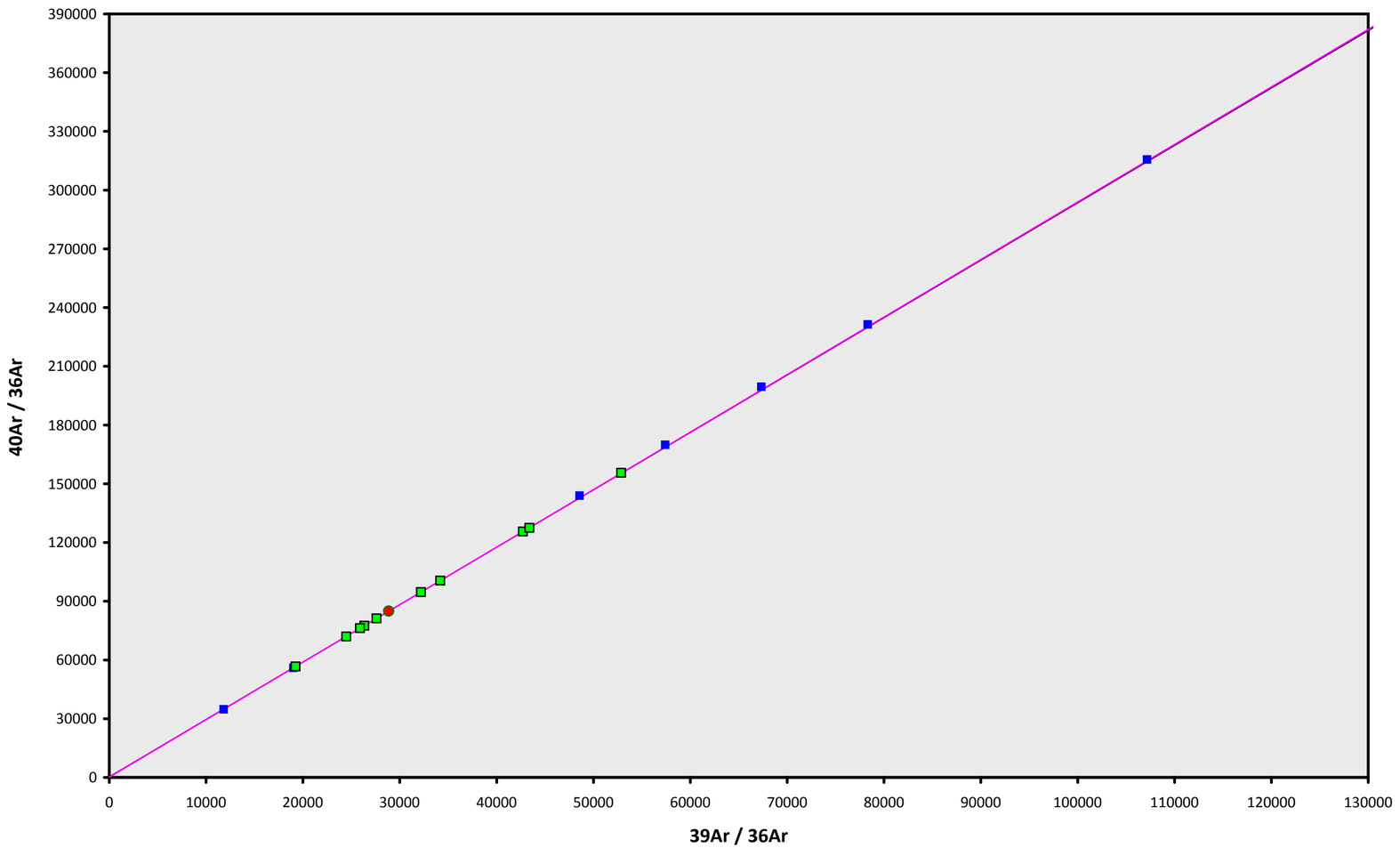
WEIGHTED PLATEAU
9.29 ± 0.02
TOTAL FUSION
9.30 ± 0.02
NORMAL ISOCHRON
9.31 ± 0.03
INVERSE ISOCHRON
9.31 ± 0.03

Sample Info

K Feldspar
Esk Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00175720 ± 0.00000227

13D04248.AGE >>> MV1203-D42-17 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
9.29 ± 0.02
TOTAL FUSION
9.30 ± 0.02
NORMAL ISOCHRON
9.31 ± 0.03
INVERSE ISOCHRON
9.31 ± 0.03

MSWD (PROBABILITY)
0.77 (63%)

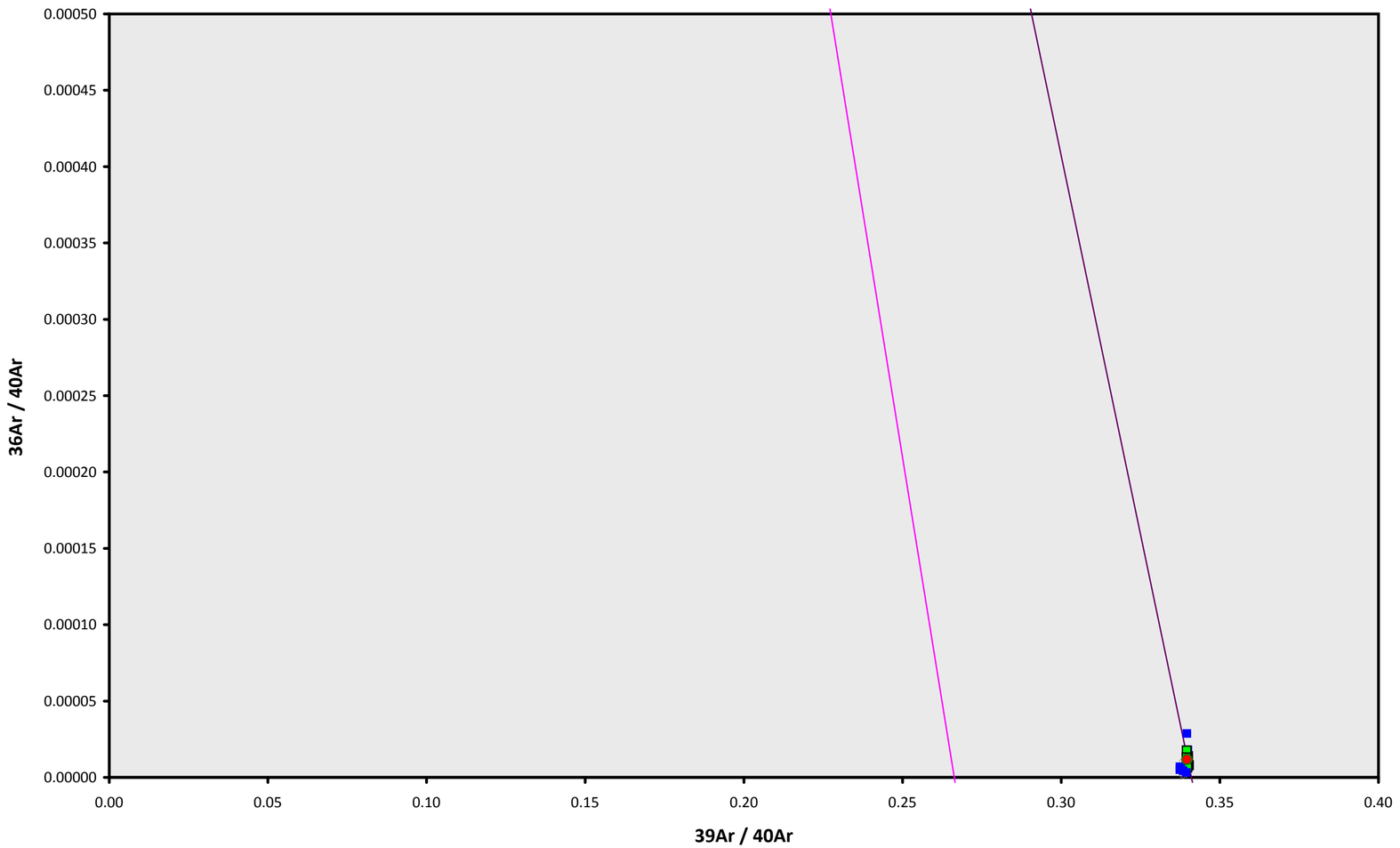
40AR/36AR INTERCEPT
99.2 ± 129.4

Sample Info

K Feldspar
Esk Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00175720 ± 0.00000227

13D04248.AGE >>> MV1203-D42-17 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
9.29 ± 0.02
TOTAL FUSION
9.30 ± 0.02
NORMAL ISOCHRON
9.31 ± 0.03
INVERSE ISOCHRON
9.31 ± 0.03

MSWD (PROBABILITY)
0.73 (67%)

SPREADING FACTOR
0.2%

40AR/36AR INTERCEPT
137.1 ± 86.6

Sample Info

K Feldspar
Esk Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00175720 ± 0.00000227