Incremental Heating			36Ar(a)	37Ar(ca)	38Ar(cl)	39Ar(k)	40Ar(r)	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
06C3109	0.21 W	✓	0.005488	0.005599	0.001393	0.114310	0.023678	0.73 ± 0.83	1.44	7.57	8.8 ± 0.4
06C3110	0.53 W	✓	0.003772	0.004879	0.003476	0.461330	0.111435	0.86 ± 0.15	9.08	30.55	40.7 ± 2.2
06C3112	1.06 W	✓	0.002987	0.003287	0.004550	0.653074	0.163950	0.89 ± 0.09	15.65	43.25	85.4 ± 4.7
06C3113	1.59 W	✓	0.000946	0.000709	0.001458	0.208385	0.050133	0.85 ± 0.25	15.19	13.80	126.4 ± 23.4
06C3115	2.21 W	✓	0.000305	0.000435	0.000334	0.041870	0.011620	0.98 ± 1.01	11.42	2.77	41.4 ± 14.2
06C3116	3.45 W	✓	0.000198	0.000205	0.000165	0.017790	0.005075	1.01 ± 2.77	7.98	1.18	37.3 ± 27.7
06C3118	5.39 W	✓	0.000186	0.000300	0.000102	0.013080	0.002747	0.74 ± 3.74	4.75	0.87	18.7 ± 9.7
		Σ	0.013882	0.015414	0.011477	1.509839	0.368638				

Information on Analysis

Sample = TUL-1 2F9-06
Material = Biotite 210-500µm
Location = Tulaga, Samoa
Analyst = Jamie Russell
Project = SAMOA
Mass Discrimination Law = LIN
Irradiation = OSU2F06
J = 0.00195890 ± 0.00000548
FCT-3 = 28.030 ± 0.003 Ma

Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	0.2476 ± 0.0212	0.88 ± 0.08	0.06	100.00	10.8 ± 7.8
Overestimate Errors	± 8.57%	± 8.59%	100%	7	
Minimal External Error		± 0.08	1.58	2σ Confidence Limit	
Analytical Error		± 0.08	1.0000	Error Magnification	
Total Fusion Age	0.2442 ± 0.0308	0.86 ± 0.11		7	42.1 ± 2.0
	± 12.61%	± 12.62%			
Minimal External Error		± 0.11			
Analytical Error		± 0.11			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
06C3109	0.21 W	✓	20.8 ± 0.4	299.8 ± 5.0	0.9542
06C3110	0.53 W	✓	122.3 ± 2.2	325.0 ± 5.8	0.9656
06C3112	1.06 W	✓	218.7 ± 4.3	350.4 ± 6.8	0.9770
06C3113	1.59 W	✓	220.2 ± 11.6	348.5 ± 18.4	0.9933
06C3115	2.21 W	✓	137.4 ± 18.2	333.6 ± 44.2	0.9964
06C3116	3.45 W	✓	89.8 ± 21.4	321.1 ± 76.5	0.9971
06C3118	5.39 W	✓	70.2 ± 17.6	310.2 ± 77.8	0.9964

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	294.3828 ± 5.1290	0.2541 ± 0.0366	0.90 ± 0.13	0.03
Overestimate Errors	± 1.74%	± 14.41%	± 14.42%	100%
			Minimal External Error ± 0.13	
			Analytical Error ± 0.13	

Statistics				
	2σ Confidence Limit	2.26	Convergence	0.0000004902
	Error Magnification	1.0000	Number of Iterations	5
	Number of Data Points	7	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
06C3109	0.21 W	✓	0.069475 ± 0.000359	0.003335 ± 0.000055	0.0290
06C3110	0.53 W	✓	0.376268 ± 0.001779	0.003077 ± 0.000055	0.0388
06C3112	1.06 W	✓	0.624063 ± 0.002613	0.002854 ± 0.000055	0.0564
06C3113	1.59 W	✓	0.631907 ± 0.003877	0.002870 ± 0.000152	0.0735
06C3115	2.21 W	✓	0.411792 ± 0.004594	0.002997 ± 0.000397	0.0680
06C3116	3.45 W	✓	0.279784 ± 0.005083	0.003114 ± 0.000742	0.0648
06C3118	5.39 W	✓	0.226282 ± 0.004795	0.003223 ± 0.000808	0.0644

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	294.3831 ± 5.1273	0.2541 ± 0.0366	0.90 ± 0.13	0.03
Overestimate Errors	± 1.74%	± 14.40%	± 14.40%	100%
			Minimal External Error ± 0.13	
			Analytical Error ± 0.13	

Statistics				
2σ Confidence Limit	2.26	Convergence	0.0107160185
Error Magnification	1.0000	Number of Iterations	2
Number of Data Points	7	Calculated Line	Weighted York-2
Spreading Factor	14.3%		

Relative Abundances			36Ar	%1σ	37Ar	%1σ	38Ar	%1σ	39Ar	%1σ	40Ar	%1σ	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
06C3109	0.21 W	✓	0.0054896	0.827	0.0055995	1.508	0.0038029	0.854	0.1143141	0.246	1.6455285	0.079	0.73 ± 0.83	1.44	7.57	8.8 ± 0.4
06C3110	0.53 W	✓	0.0037739	0.882	0.0048787	1.769	0.0097677	0.458	0.4613339	0.219	1.2268313	0.089	0.86 ± 0.15	9.08	30.55	40.7 ± 2.2
06C3112	1.06 W	✓	0.0029882	0.963	0.0032866	1.876	0.0130171	0.583	0.6530758	0.180	1.0475638	0.104	0.89 ± 0.09	15.65	43.25	85.4 ± 4.7
06C3113	1.59 W	✓	0.0009468	2.633	0.0007088	9.044	0.0041579	0.605	0.2083852	0.186	0.3301149	0.243	0.85 ± 0.25	15.19	13.80	126.4 ± 23.4
06C3115	2.21 W	✓	0.0003049	6.602	0.0004348	17.035	0.0008981	2.621	0.0418708	0.244	0.1017477	0.501	0.98 ± 1.01	11.42	2.77	41.4 ± 14.2
06C3116	3.45 W	✓	0.0001981	11.872	0.0002052	37.057	0.0004177	5.151	0.0177903	0.353	0.0636146	0.836	1.01 ± 2.77	7.98	1.18	37.3 ± 27.7
06C3118	5.39 W	✓	0.0001864	12.492	0.0003002	25.868	0.0002947	6.778	0.0130801	0.517	0.0578251	0.924	0.74 ± 3.74	4.75	0.87	18.7 ± 9.7
		Σ	0.0138880	0.563	0.0154138	1.294	0.0323561	0.322	1.5098503	0.108	4.4732259	0.053				

Information on Analysis and Constants Used in Calculations

Sample = TUL-1 2F9-06
Material = Biotite 210-500µm
Location = Tulaga, Samoa
Analyst = Jamie Russell
Project = SAMOA
Mass Discrimination Law = LIN
Irradiation = OSU2F06
J = 0.00195890 ± 0.00000548
FCT-3 = 28.030 ± 0.003 Ma
IGSN = KOP000036
Preferred Age = Plateau Age
Classification = Eruption Age
Experiment Type = Incremental Heating
Extraction Method = Bulk Laser Heating
Heating = 600 sec
Isolation = 15.00 min
Instrument = MAP215-50
Lithology = Phonolite
Lat-Lon = 14°39.1'S - 170°01.4'E

Age Equations = Conventional
Negative Intensities = Allowed
Decay Constant 40K = 5.530 ± 0.048 E-10 1/a
Decay Constant 39Ar = 2.940 ± 0.016 E-07 1/h
Decay Constant 37Ar = 8.230 ± 0.012 E-04 1/h
Decay Constant 36Cl = 2.236 ± 0.045 E-06 1/a
Production Ratio 36/38 in Cl = 316.0 ± 15.8

Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	0.2476 ± 0.0212	0.88 ± 0.08	0.06	100.00	10.8 ± 7.8
Overestimate Errors	± 8.57%	± 8.59%	100%	7	
	Minimal External Error	± 0.08	1.58	2σ Confidence Limit	
	Analytical Error	± 0.08	1.0000	Error Magnification	
Total Fusion Age	0.2442 ± 0.0308	0.86 ± 0.11		7	42.1 ± 2.0
	± 12.61%	± 12.62%			
	Minimal External Error	± 0.11			
	Analytical Error	± 0.11			
Normal Isochron	0.2541 ± 0.0366	0.90 ± 0.13	0.03	100.00	
Overestimate Errors	± 14.41%	± 14.42%	100%	7	
	Minimal External Error	± 0.13	2.26	2σ Confidence Limit	
	Analytical Error	± 0.13	1.0000	Error Magnification	
Inverse Isochron	0.2541 ± 0.0366	0.90 ± 0.13	0.03	100.00	
Overestimate Errors	± 14.40%	± 14.40%	100%	7	
	Minimal External Error	± 0.13	2.26	2σ Confidence Limit	
	Analytical Error	± 0.13	1.0000	Error Magnification	

Degassing Patterns			36Ar(a)	%1σ	36Ar(c)	%1σ	36Ar(ca)	%1σ	36Ar(cl)	%1σ	37Ar(ca)	%1σ	38Ar(a)	%1σ	38Ar(c)	%1σ	38Ar(k)	%1σ	38Ar(ca)	%1σ	38Ar(cl)	%1σ	39Ar(k)	%1σ	39Ar(ca)	%1σ	40Ar(r)	%1σ	40Ar(a)	%1σ	40Ar(c)	%1σ	40Ar(k)	%1σ
06C3109	0.21 W	✓	0.005488	0.83	0.000000	0.00	0.000002	1.55	0.000000	5.91	0.005599	1.51	0.001026	0.83	0.000000	0.00	0.001384	0.27	0.000000	21.95	0.001393	7.99	0.114310	0.25	0.000004	2.37	0.023678	56.90	1.621661	0.83	0.000000	0.00	0.000189	24.90
06C3110	0.53 W	✓	0.003772	0.88	0.000000	0.00	0.000001	1.81	0.000001	5.55	0.004879	1.77	0.000705	0.88	0.000000	0.00	0.005587	0.24	0.000000	21.97	0.003476	7.74	0.461330	0.22	0.000003	2.54	0.111435	8.88	1.114635	0.88	0.000000	0.00	0.000761	24.90
06C3112	1.06 W	✓	0.002987	0.96	0.000000	0.00	0.000001	1.91	0.000001	5.65	0.003287	1.88	0.000558	0.96	0.000000	0.00	0.007909	0.21	0.000000	21.98	0.004550	7.81	0.653074	0.18	0.000002	2.62	0.163950	5.23	0.882536	0.96	0.000000	0.00	0.001078	24.90
06C3113	1.59 W	✓	0.000946	2.63	0.000000	0.00	0.000000	9.05	0.000000	5.68	0.000709	9.04	0.000177	2.63	0.000000	0.00	0.002524	0.21	0.000000	23.69	0.001458	7.82	0.208385	0.19	0.000001	9.23	0.050133	14.78	0.279639	2.63	0.000000	0.00	0.000344	24.90
06C3115	2.21 W	✓	0.000305	6.61	0.000000	0.00	0.000000	17.04	0.000000	8.95	0.000435	17.04	0.000057	6.61	0.000000	0.00	0.000507	0.26	0.000000	27.75	0.000334	10.44	0.041870	0.24	0.000000	17.13	0.011620	51.38	0.090059	6.61	0.000000	0.00	0.000069	24.90
06C3116	3.45 W	✓	0.000198	11.88	0.000000	0.00	0.000000	37.06	0.000000	14.35	0.000205	37.06	0.000037	11.88	0.000000	0.00	0.000215	0.37	0.000000	43.04	0.000165	15.32	0.017790	0.35	0.000000	37.10	0.005075	137.34	0.058510	11.88	0.000000	0.00	0.000029	24.90
06C3118	5.39 W	✓	0.000186	12.50	0.000000	0.00	0.000000	25.87	0.000000	20.87	0.000300	25.87	0.000035	12.50	0.000000	0.00	0.000158	0.53	0.000000	33.89	0.000102	21.55	0.013080	0.52	0.000000	25.93	0.002747	251.23	0.055056	12.50	0.000000	0.00	0.000022	24.91
		Σ	0.013882	0.56	0.000000	0.00	0.000004	1.31	0.000002	3.00	0.015414	1.29	0.002595	0.56	0.000000	0.00	0.018284	0.12	0.000000	11.68	0.011477	4.14	1.509839	0.11	0.000011	1.62	0.368638	6.30	4.102096	0.56	0.000000	0.00	0.002491	13.78
		Σ							0.013888	0.56	0.015414	1.29									0.032356	1.47			1.509850	0.11							4.473226	0.73

Additional Parameters			40(r)/39(k)	1σ	40(r+a)	1σ	40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
06C3109	0.21 W	✓	0.207143	0.11786	1.645340	0.00130	14.394796	0.03715	0.048983	0.00075	0.048022	0.00041	87.658	5.66492016	1.00061973	1.665E-19
06C3110	0.53 W	✓	0.241552	0.02146	1.226070	0.00111	2.659313	0.00627	0.010575	0.00019	0.008180	0.00007	87.683	5.66771819	1.00061991	1.242E-19
06C3112	1.06 W	✓	0.251044	0.01314	1.046486	0.00112	1.604046	0.00333	0.005032	0.00009	0.004576	0.00004	87.725	5.67246245	1.00062021	1.060E-19
06C3113	1.59 W	✓	0.240577	0.03556	0.329771	0.00081	1.584157	0.00484	0.003402	0.00031	0.004543	0.00012	87.746	5.67479714	1.00062036	3.341E-20
06C3115	2.21 W	✓	0.277525	0.14260	0.101679	0.00051	2.430041	0.01354	0.010385	0.00177	0.007283	0.00048	87.788	5.67954733	1.00062066	1.030E-20
06C3116	3.45 W	✓	0.285258	0.39177	0.063585	0.00053	3.575804	0.03247	0.011536	0.00428	0.011135	0.00132	87.809	5.68188494	1.00062080	6.438E-21
06C3118	5.39 W	✓	0.210036	0.52768	0.057804	0.00053	4.420846	0.04682	0.022952	0.00594	0.014252	0.00178	87.851	5.68664106	1.00062110	5.852E-21

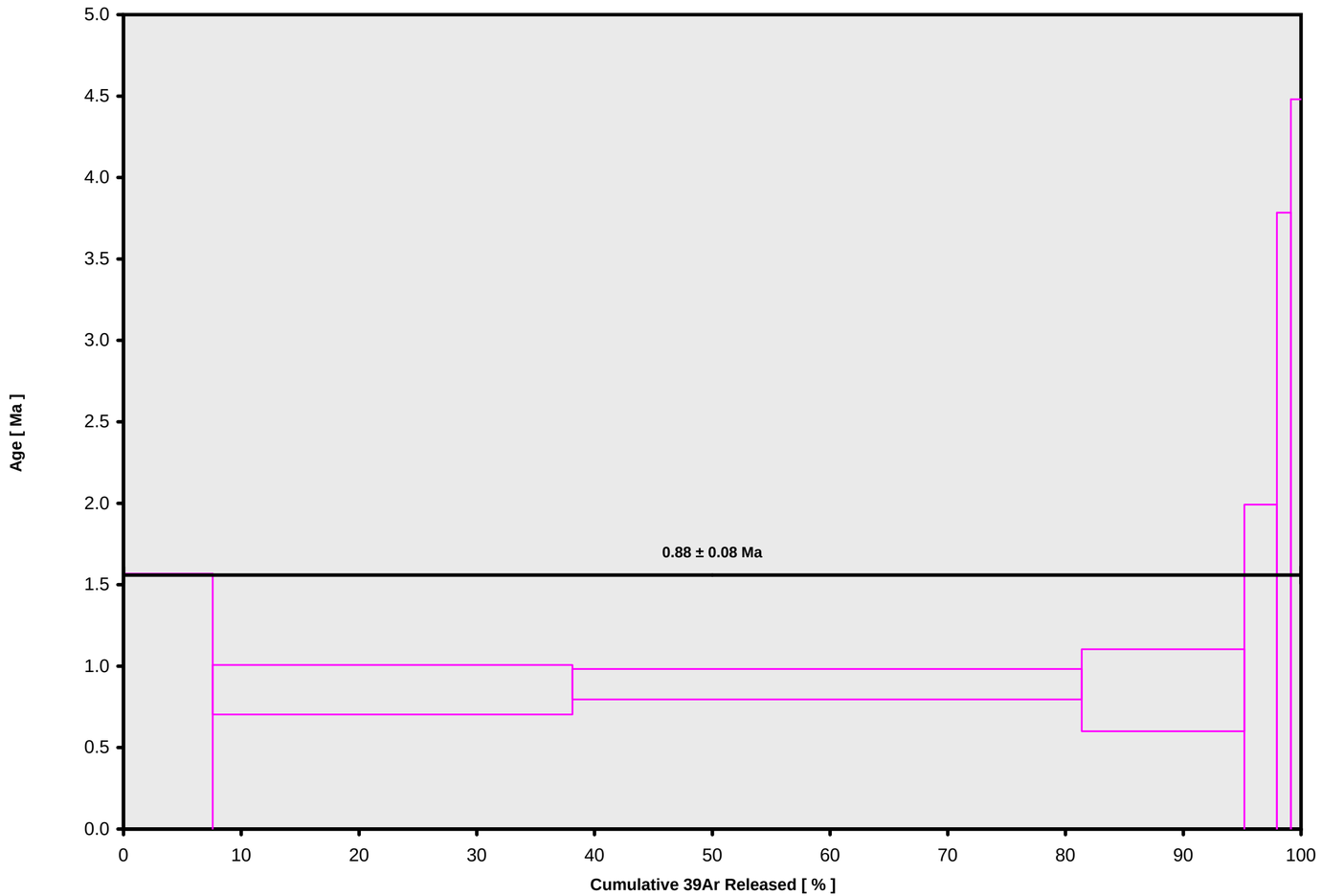
Procedure Blanks		36Ar	1σ	37Ar	1σ	38Ar	1σ	39Ar	1σ	40Ar	1σ
06C3109	0.21 W	0.000018	0.000020	0.000033	0.000009	0.000011	0.000018	0.000028	0.000043	0.003688	0.000498
06C3110	0.53 W	0.000022	0.000020	0.000044	0.000009	0.000011	0.000018	0.000059	0.000042	0.004595	0.000492
06C3112	1.06 W	0.000027	0.000019	0.000053	0.000009	0.000011	0.000018	0.000090	0.000042	0.005462	0.000487
06C3113	1.59 W	0.000028	0.000019	0.000052	0.000009	0.000010	0.000018	0.000095	0.000042	0.005578	0.000488
06C3115	2.21 W	0.000027	0.000020	0.000041	0.000009	0.000010	0.000018	0.000084	0.000042	0.005187	0.000492
06C3116	3.45 W	0.000026	0.000020	0.000030	0.000009	0.000010	0.000018	0.000069	0.000042	0.004685	0.000497
06C3118	5.39 W	0.000020	0.000020	0.000030	0.000009	0.000010	0.000019	0.000019	0.000044	0.003036	0.000511

Intercept Values		36Ar	1σ	r2		37Ar	1σ	r2		38Ar	1σ	r2		39Ar	1σ	r2		40Ar	1σ	r2	
06C3109	0.21 W	0.005497	0.000022	0.8811	LIN # 11	0.001015	0.000010	0.9626	EXP #	0.003779	0.000024	0.6866	LIN #	0.112786	0.000206	0.9785	EXP # 3	1.621649	0.001178	0.9969	EXP # 7
06C3110	0.53 W	0.003789	0.000013	0.9387	LIN #	0.000899	0.000011	0.9554	LIN #	0.009688	0.000026	0.9768	LIN # 1 9	0.455113	0.000676	0.9938	EXP # 1 8	1.210842	0.000956	0.9957	EXP #
06C3112	1.06 W	0.003008	0.000010	0.9535	LIN # 5	0.000628	0.000005	0.9922	EXP #	0.012903	0.000061	0.9593	LIN # 1 2	0.644085	0.000529	0.9978	EXP #	1.035118	0.000955	0.9943	EXP #
06C3113	1.59 W	0.000972	0.000015	0.3394	LIN #	0.000175	0.000007	0.9748	EXP #	0.004128	0.000012	0.9506	LIN #	0.205561	0.000189	0.9971	LIN # 1 9 10	0.329952	0.000625	0.9447	LIN # 1 2 5
06C3115	2.21 W	0.000331	0.000005	0.1752	LIN #	0.000116	0.000009	0.7221	EXP #	0.000899	0.000015	0.3576	LIN #	0.041368	0.000064	0.9863	EXP # 1	0.105106	0.000129	0.9144	LIN # 1
06C3116	3.45 W	0.000223	0.000013	0.0600	LIN #	0.000066	0.000010	0.7626	EXP #	0.000423	0.000012	0.2873	LIN #	0.017610	0.000036	0.9544	EXP #	0.067132	0.000187	0.9455	LIN # 1 2
06C3118	5.39 W	0.000206	0.000012	0.0738	LIN #	0.000082	0.000010	0.7171	EXP #	0.000301	0.000007	0.3970	LIN #	0.012906	0.000047	0.8225	LIN # 1	0.059779	0.000153	0.9771	LIN # 1 2

Sample Parameters		Sample	Material	Location	Analyst	Temp	Standard (in Ma)	%1σ	J	%1σ	MDF	%1σ	Volume Ratio	Sensitivity (mol/volt)	Day	Month	Year	Hour	Min	Resist	Irradiation	Project	Experiment	Nmb	Standard Name
06C3109	0.21 W	TUL-1 2F9-06	Biotite 210-500µm	Tulaga, Samoa	Jamie Russell	0.21	28.03	0.01	0.0019589	0.28	1.00378	0.16	1.017	1.012E-19	02	SEP	2006	06	50	001	OSU2F06	Samoa	06C3109	01	FCT-3
06C3110	0.53 W	TUL-1 2F9-06	Biotite 210-500µm	Tulaga, Samoa	Jamie Russell	0.53	28.03	0.01	0.0019589	0.28	1.00378	0.16	1.017	1.012E-19	02	SEP	2006	07	26	001	OSU2F06	Samoa	06C3109	01	FCT-3
06C3112	1.06 W	TUL-1 2F9-06	Biotite 210-500µm	Tulaga, Samoa	Jamie Russell	1.06	28.03	0.01	0.0019589	0.28	1.00378	0.16	1.0173	1.012E-19	02	SEP	2006	08	27	001	OSU2F06	Samoa	06C3109	01	FCT-3
06C3113	1.59 W	TUL-1 2F9-06	Biotite 210-500µm	Tulaga, Samoa	Jamie Russell	1.59	28.03	0.01	0.0019589	0.28	1.00378	0.16	1.0174	1.012E-19	02	SEP	2006	08	57	001	OSU2F06	Samoa	06C3109	01	FCT-3
06C3115	2.21 W	TUL-1 2F9-06	Biotite 210-500µm	Tulaga, Samoa	Jamie Russell	2.21	28.03	0.01	0.0019589	0.28	1.00378	0.16	1.0174	1.012E-19	02	SEP	2006	09	58	001	OSU2F06	Samoa	06C3109	01	FCT-3
06C3116	3.45 W	TUL-1 2F9-06	Biotite 210-500µm	Tulaga, Samoa	Jamie Russell	3.45	28.03	0.01	0.0019589	0.28	1.00378	0.16	1.0174	1.012E-19	02	SEP	2006	10	28	001	OSU2F06	Samoa	06C3109	01	FCT-3
06C3118	5.39 W	TUL-1 2F9-06	Biotite 210-500µm	Tulaga, Samoa	Jamie Russell	5.39	28.03	0.01	0.0019589	0.28	1.00378	0.16	1.0181	1.012E-19	02	SEP	2006	11	29	001	OSU2F06	Samoa	06C3109	01	FCT-3

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
06C3109	0.21 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
06C3110	0.53 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
06C3112	1.06 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
06C3113	1.59 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
06C3115	2.21 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
06C3116	3.45 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
06C3118	5.39 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0

06C3109.AGE >>> TUL-1 2F9-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
0.88 ± 0.08
TOTAL FUSION
0.86 ± 0.11
NORMAL ISOCHRON
0.90 ± 0.13
INVERSE ISOCHRON
0.90 ± 0.13

MSWD (PROBABILITY)
0.06 (100%)

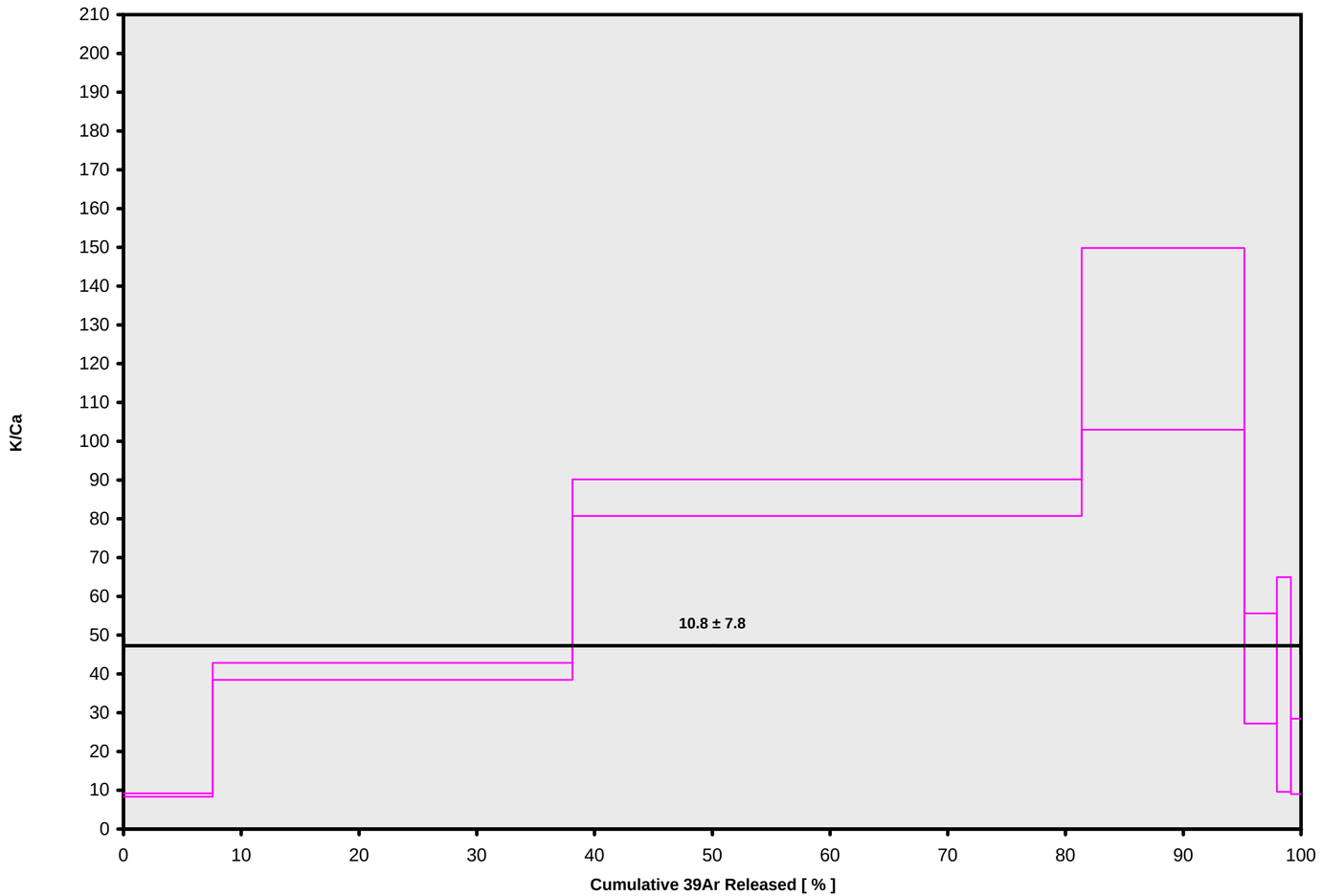
Sample Info

Biotite 210-500µm
Tulaga, Samoa
Jamie Russell

IRR = OSU2F06
J = 0.00195890 ± 0.00000548

40Ar/39Ar Geochronology Laboratory
COAS, Oregon State University, Corvallis, USA

06C3109.AGE >>> TUL-1 2F9-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
0.88 ± 0.08
TOTAL FUSION
0.86 ± 0.11
NORMAL ISOCHRON
0.90 ± 0.13
INVERSE ISOCHRON
0.90 ± 0.13

Sample Info

Biotite 210-500µm
Tulaga, Samoa
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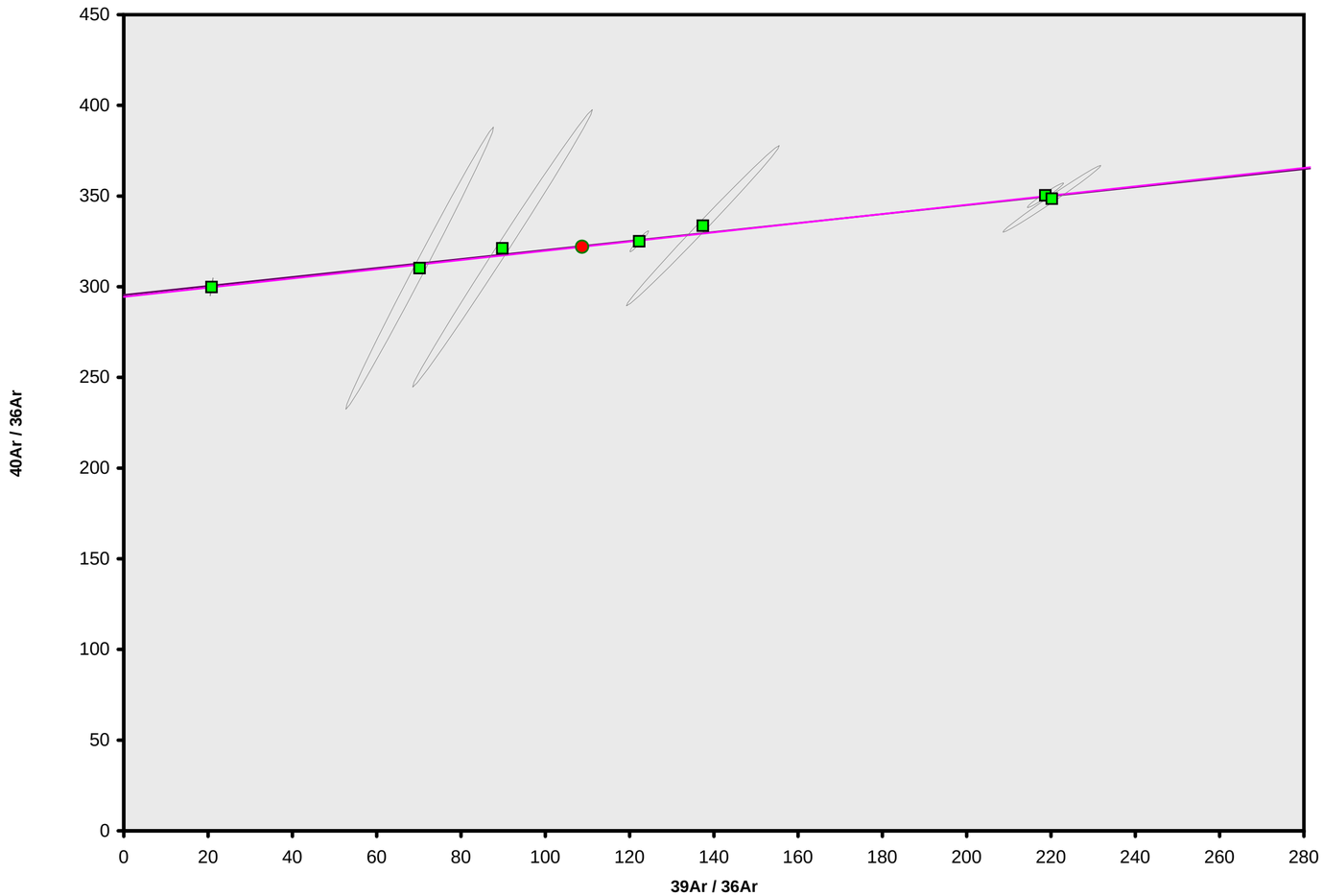
06C3109.AGE >>> TUL-1 2F9-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
0.88 ± 0.08
TOTAL FUSION
0.86 ± 0.11
NORMAL ISOCHRON
0.90 ± 0.13
INVERSE ISOCHRON
0.90 ± 0.13

MSWD (PROBABILITY)
0.03 (100%)

40AR/36AR INTERCEPT
294.4 ± 5.1

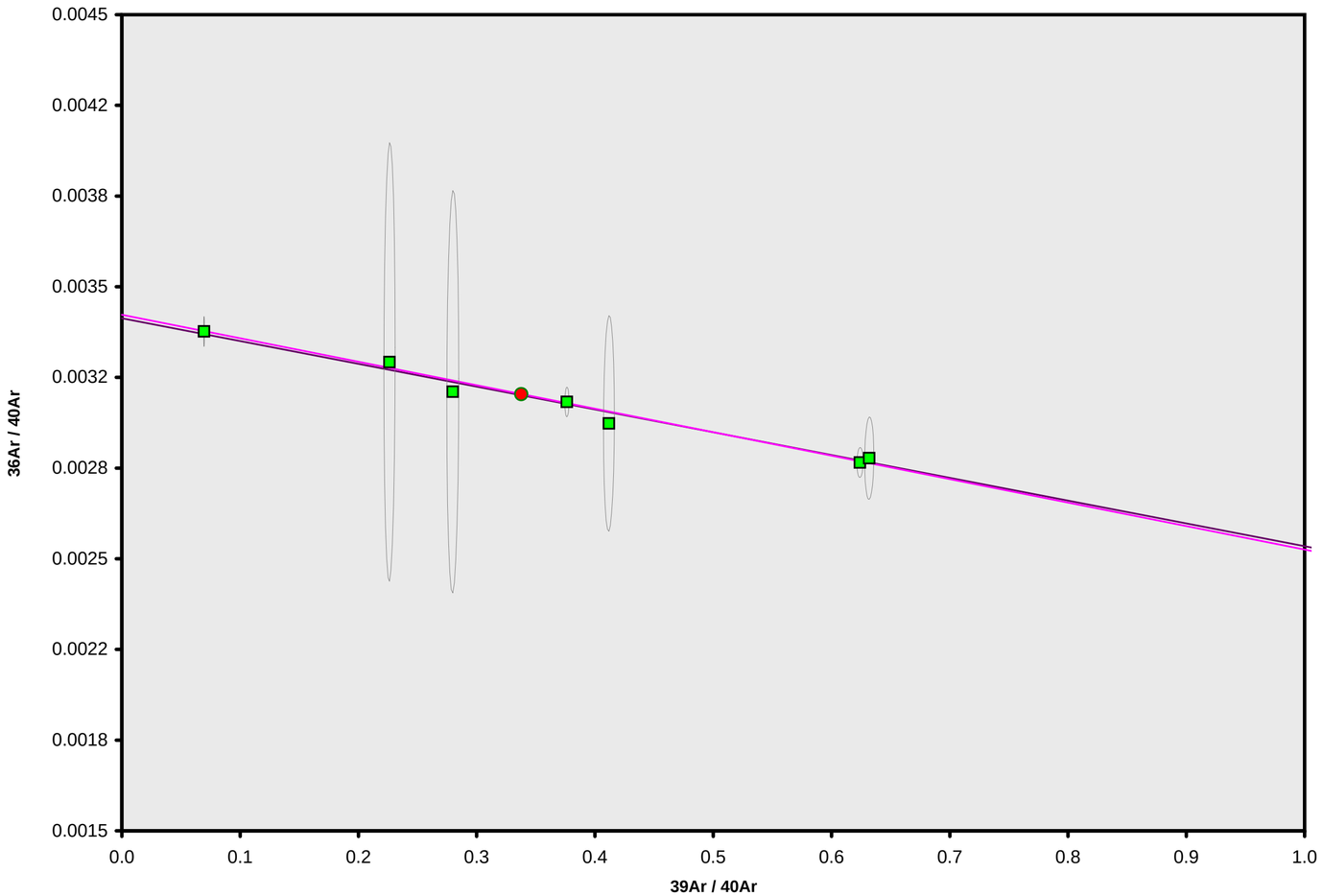
Sample Info

Biotite 210-500µm
Tulaga, Samoa
Jamie Russell

IRR = OSU2F06
J = 0.00195890 ± 0.00000548

40Ar/39Ar Geochronology Laboratory
COAS, Oregon State University, Corvallis, USA

06C3109.AGE >>> TUL-1 2F9-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
0.88 ± 0.08
TOTAL FUSION
0.86 ± 0.11
NORMAL ISOCHRON
0.90 ± 0.13
INVERSE ISOCHRON
0.90 ± 0.13

MSWD (PROBABILITY)
0.03 (100%)

SPREADING FACTOR
14.3%

40AR/36AR INTERCEPT
294.4 ± 5.1

Sample Info

Biotite 210-500µm
Tulaga, Samoa
Jamie Russell

IRR = OSU2F06
J = 0.00195890 ± 0.00000548