Incremental Heating			36Ar(a)	37Ar(ca)	38Ar(cl)	39Ar(k)	40Ar(r)	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
06C2862	0.00 W		0.006088	0.000756	0.000156	0.001440	0.017472	40.16 ± 76.30	0.96	0.06	0.819 ± 0.116
06C2863	0.01 W		0.004291	0.002260	0.000329	0.004380	0.039832	30.18 ± 21.89	3.05	0.17	0.833 ± 0.065
06C2865	0.02 W		0.003989	0.004696	0.000622	0.009861	0.033111	11.20 ± 7.83	2.73	0.39	0.903 ± 0.044
06C2866	0.06 W		0.003146	0.007878	0.001023	0.017428	0.076577	14.65 ± 4.14	7.61	0.69	0.951 ± 0.043
06C2867	0.09 W	✓	0.002126	0.009400	0.001232	0.022019	0.072225	10.95 ± 2.96	10.31	0.87	1.007 ± 0.047
06C2869	0.18 W	✓	0.001802	0.018092	0.002075	0.039017	0.129639	11.09 ± 1.49	19.58	1.55	0.927 ± 0.042
06C2870	0.21 W	✓	0.001448	0.023200	0.002350	0.048158	0.164646	11.41 ± 1.12	27.79	1.91	0.893 ± 0.039
06C2871	0.27 W	✓	0.001132	0.026252	0.002351	0.051275	0.177165	11.53 ± 1.10	34.61	2.04	0.840 ± 0.035
06C2873	0.31 W	✓	0.001087	0.036440	0.002605	0.063952	0.215481	11.24 ± 0.77	40.14	2.54	0.755 ± 0.032
06C2874	0.35 W	✓	0.000987	0.044429	0.002593	0.068147	0.236269	11.57 ± 0.75	44.74	2.71	0.660 ± 0.028
06C2875	0.38 W	✓	0.000932	0.055791	0.002535	0.074985	0.258097	11.48 ± 0.63	48.37	2.98	0.578 ± 0.025
06C2877	0.44 W	✓	0.000931	0.062884	0.002549	0.078262	0.272307	11.61 ± 0.66	49.73	3.11	0.535 ± 0.023
06C2878	0.50 W	✓	0.001151	0.120167	0.003080	0.122605	0.420993	11.46 ± 0.42	55.29	4.87	0.439 ± 0.019
06C2879	0.62 W	✓	0.001142	0.165760	0.003012	0.146600	0.510609	11.62 ± 0.37	60.19	5.82	0.380 ± 0.005
06C2881	0.77 W	✓	0.001144	0.229842	0.002572	0.179183	0.614584	11.44 ± 0.32	64.48	7.11	0.335 ± 0.014
06C2882	0.85 W	✓	0.000963	0.261622	0.001939	0.187966	0.646932	11.48 ± 0.29	69.43	7.46	0.309 ± 0.013
06C2883	1.06 W	✓	0.000965	0.326706	0.001474	0.219252	0.735812	11.20 ± 0.25	72.05	8.70	0.289 ± 0.012
06C2885	1.24 W	✓	0.000947	0.396148	0.001265	0.246967	0.814747	11.01 ± 0.22	74.42	9.81	0.268 ± 0.004
06C2886	1.47 W	✓	0.001082	0.395808	0.000877	0.242076	0.781784	10.78 ± 0.26	70.96	9.61	0.263 ± 0.003
06C2888	1.62 W	✓	0.000896	0.316662	0.000700	0.185862	0.605696	10.87 ± 0.22	69.57	7.38	0.252 ± 0.003
06C2889	1.89 W		0.001254	0.241886	0.000476	0.138078	0.431696	10.43 ± 0.33	53.79	5.48	0.245 ± 0.010
06C2891	2.24 W		0.001598	0.284452	0.000562	0.125440	0.385250	10.25 ± 0.38	44.93	4.98	0.190 ± 0.008
06C2892	2.74 W		0.002610	0.384448	0.000608	0.107290	0.313184	9.74 ± 0.53	28.87	4.26	0.120 ± 0.005
06C2894	3.21 W		0.003662	0.336359	0.000443	0.060700	0.165633	9.11 ± 1.18	13.27	2.41	0.078 ± 0.003
06C2895	3.86 W		0.007474	0.358018	0.000305	0.038986	0.106675	9.14 ± 3.42	4.61	1.55	0.047 ± 0.002
06C2896	4.86 W		0.017358	0.572313	0.000382	0.038799	0.145469	12.51 ± 5.92	2.76	1.54	0.029 ± 0.001
		Σ	0.070205	4.682270	0.038113	2.518727	8.371885				

Information on Analysis
Sample = COM-1 2F16-06
Material = Groundmass 210-300µm
Location = Combe, Samoa
Analyst = Jamie Russell
Project = SAMOA
Mass Discrimination Law = LIN
Irradiation = OSU2F06
J = 0.00185090 ± 0.00000685
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	3.3459 ± 0.0445	11.16 ± 0.17	2.59	78.47	0.290 ± 0.042
Error Mean	± 1.33%	± 1.52%	0%	16	
	Minimal External Error	± 0.26	1.37	2σ Confidence Limit	
	Analytical Error	± 0.15	1.6094	Error Magnification	
Total Fusion Age	3.3239 ± 0.0482	11.09 ± 0.18		26	0.231 ± 0.009
	± 1.45%	± 1.62%			
	Minimal External Error	± 0.27			
	Analytical Error	± 0.16			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
06C2862	0.00 W		0.2 ± 0.0	298.4 ± 5.6	0.6739
06C2863	0.01 W		1.0 ± 0.0	304.8 ± 7.0	0.7942
06C2865	0.02 W		2.5 ± 0.1	303.8 ± 6.0	0.8963
06C2866	0.06 W		5.5 ± 0.1	319.8 ± 7.5	0.9702
06C2867	0.09 W	✓	10.4 ± 0.3	329.5 ± 10.3	0.9765
06C2869	0.18 W	✓	21.7 ± 0.7	367.4 ± 12.0	0.9808
06C2870	0.21 W	✓	33.3 ± 1.3	409.2 ± 15.5	0.9857
06C2871	0.27 W	✓	45.3 ± 2.3	452.0 ± 22.8	0.9943
06C2873	0.31 W	✓	58.8 ± 2.7	493.7 ± 22.6	0.9942
06C2874	0.35 W	✓	69.0 ± 3.6	534.8 ± 27.9	0.9935
06C2875	0.38 W	✓	80.5 ± 4.2	572.5 ± 29.5	0.9946
06C2877	0.44 W	✓	84.1 ± 4.7	588.0 ± 33.0	0.9975
06C2878	0.50 W	✓	106.5 ± 4.8	661.2 ± 29.8	0.9949
06C2879	0.62 W	✓	128.4 ± 6.2	742.5 ± 35.6	0.9956
06C2881	0.77 W	✓	156.6 ± 7.9	832.5 ± 42.1	0.9967
06C2882	0.85 W	✓	195.2 ± 10.8	967.3 ± 53.5	0.9955
06C2883	1.06 W	✓	227.3 ± 13.0	1058.2 ± 60.3	0.9953
06C2885	1.24 W	✓	260.8 ± 14.6	1156.0 ± 64.5	0.9974
06C2886	1.47 W	✓	223.8 ± 13.1	1018.3 ± 59.5	0.9979
06C2888	1.62 W	✓	207.5 ± 8.3	971.6 ± 38.8	0.9800
06C2889	1.89 W		110.1 ± 3.1	639.6 ± 19.2	0.9251
06C2891	2.24 W		78.5 ± 1.9	536.7 ± 13.7	0.8849
06C2892	2.74 W		41.1 ± 0.8	415.5 ± 8.6	0.9071
06C2894	3.21 W		16.6 ± 0.3	340.7 ± 6.6	0.9217
06C2895	3.86 W		5.2 ± 0.1	309.8 ± 5.6	0.9441
06C2896	4.86 W		2.2 ± 0.0	303.9 ± 4.1	0.9310

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	301.6379 ± 8.3606	3.2976 ± 0.0676	11.00 ± 0.24	2.39
Error Chron	± 2.77%	± 2.05%	± 2.17%	0%
		Minimal External Error	± 0.31	
		Analytical Error	± 0.22	

Statistics				
	2σ Confidence Limit	1.76	Convergence	0.0000309871
	Error Magnification	1.5460	Number of Iterations	20
	Number of Data Points	16	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
06C2862	0.00 W		0.000793 ± 0.000016	0.003352 ± 0.000063	0.0024
06C2863	0.01 W		0.003350 ± 0.000058	0.003281 ± 0.000075	0.0104
06C2865	0.02 W		0.008137 ± 0.000079	0.003292 ± 0.000065	0.0092
06C2866	0.06 W		0.017319 ± 0.000100	0.003127 ± 0.000073	0.0537
06C2867	0.09 W	✓	0.031430 ± 0.000215	0.003035 ± 0.000095	0.0305
06C2869	0.18 W	✓	0.058927 ± 0.000382	0.002722 ± 0.000089	0.0304
06C2870	0.21 W	✓	0.081292 ± 0.000522	0.002444 ± 0.000092	0.0349
06C2871	0.27 W	✓	0.100192 ± 0.000542	0.002213 ± 0.000112	0.0243
06C2873	0.31 W	✓	0.119155 ± 0.000588	0.002025 ± 0.000093	0.0098
06C2874	0.35 W	✓	0.129063 ± 0.000768	0.001870 ± 0.000098	0.0196
06C2875	0.38 W	✓	0.140567 ± 0.000755	0.001747 ± 0.000090	0.0130
06C2877	0.44 W	✓	0.142960 ± 0.000564	0.001701 ± 0.000095	0.0069
06C2878	0.50 W	✓	0.161066 ± 0.000737	0.001513 ± 0.000068	0.0101
06C2879	0.62 W	✓	0.172852 ± 0.000780	0.001347 ± 0.000065	0.0047
06C2881	0.77 W	✓	0.188063 ± 0.000772	0.001201 ± 0.000061	0.0091
06C2882	0.85 W	✓	0.201787 ± 0.001061	0.001034 ± 0.000057	0.0059
06C2883	1.06 W	✓	0.214766 ± 0.001189	0.000945 ± 0.000054	0.0040
06C2885	1.24 W	✓	0.225637 ± 0.000905	0.000865 ± 0.000048	0.0088
06C2886	1.47 W	✓	0.219789 ± 0.000837	0.000982 ± 0.000057	0.0054
06C2888	1.62 W	✓	0.213530 ± 0.001705	0.001029 ± 0.000041	0.1158
06C2889	1.89 W		0.172084 ± 0.001961	0.001563 ± 0.000047	0.3338
06C2891	2.24 W		0.146316 ± 0.001773	0.001863 ± 0.000048	0.2981
06C2892	2.74 W		0.098929 ± 0.000862	0.002407 ± 0.000050	0.3221
06C2894	3.21 W		0.048642 ± 0.000370	0.002935 ± 0.000057	0.2895
06C2895	3.86 W		0.016839 ± 0.000103	0.003228 ± 0.000058	0.1194
06C2896	4.86 W		0.007356 ± 0.000038	0.003291 ± 0.000044	0.0988

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	301.6350 ± 8.4760	3.3077 ± 0.0685	11.04 ± 0.24	2.40
Error Chron	± 2.81%	± 2.07%	± 2.19%	0%
		Minimal External Error	± 0.31	
		Analytical Error	± 0.23	

Statistics				
2σ Confidence Limit	1.76	Convergence	0.0000119138
Error Magnification	1.5487	Number of Iterations	3
Number of Data Points	16	Calculated Line	Weighted York-2
Spreading Factor	64.2%		

Relative Abundances			36Ar	%1σ	37Ar	%1σ	38Ar	%1σ	39Ar	%1σ	40Ar	%1σ	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
06C2862	0.00 W		0.0060881	0.932	0.0007559	6.737	0.0013111	1.381	0.0014407	1.019	1.8164373	0.047	40.16 ± 76.30	0.96	0.06	0.819 ± 0.116
06C2863	0.01 W		0.0042912	1.144	0.0022602	3.246	0.0011836	1.604	0.0043820	0.865	1.3077008	0.102	30.18 ± 21.89	3.05	0.17	0.833 ± 0.065
06C2865	0.02 W		0.0039902	0.982	0.0046963	1.346	0.0014873	1.169	0.0098638	0.480	1.2118204	0.066	11.20 ± 7.83	2.73	0.39	0.903 ± 0.044
06C2866	0.06 W		0.0031485	1.159	0.0078780	0.966	0.0018220	1.239	0.0174339	0.255	1.0063163	0.135	14.65 ± 4.14	7.61	0.69	0.951 ± 0.043
06C2867	0.09 W	✓	0.0021291	1.550	0.0093999	1.127	0.0018966	0.886	0.0220255	0.317	0.7006042	0.127	10.95 ± 2.96	10.31	0.87	1.007 ± 0.047
06C2869	0.18 W	✓	0.0018072	1.630	0.0180916	0.982	0.0028845	0.756	0.0390298	0.298	0.6621896	0.127	11.09 ± 1.49	19.58	1.55	0.927 ± 0.042
06C2870	0.21 W	✓	0.0014542	1.875	0.0231998	0.816	0.0032043	0.724	0.0481742	0.286	0.5924863	0.145	11.41 ± 1.12	27.79	1.91	0.893 ± 0.039
06C2871	0.27 W	✓	0.0011398	2.503	0.0262521	0.574	0.0031842	0.771	0.0512935	0.238	0.5118516	0.129	11.53 ± 1.10	34.61	2.04	0.840 ± 0.035
06C2873	0.31 W	✓	0.0010973	2.271	0.0364402	0.564	0.0035841	0.798	0.0639779	0.235	0.5368172	0.074	11.24 ± 0.77	40.14	2.54	0.755 ± 0.032
06C2874	0.35 W	✓	0.0009996	2.573	0.0444290	0.741	0.0036042	0.606	0.0681786	0.271	0.5281252	0.123	11.57 ± 0.75	44.74	2.71	0.660 ± 0.028
06C2875	0.38 W	✓	0.0009472	2.535	0.0557913	0.788	0.0036188	0.824	0.0750241	0.251	0.5335692	0.095	11.48 ± 0.63	48.37	2.98	0.578 ± 0.025
06C2877	0.44 W	✓	0.0009484	2.751	0.0628842	0.682	0.0036727	0.571	0.0783067	0.187	0.5475713	0.061	11.61 ± 0.66	49.73	3.11	0.535 ± 0.023
06C2878	0.50 W	✓	0.0011841	2.187	0.1201666	0.660	0.0047840	0.566	0.1226905	0.217	0.7614161	0.072	11.46 ± 0.42	55.29	4.87	0.439 ± 0.019
06C2879	0.62 W	✓	0.0011864	2.306	0.1657603	0.618	0.0049168	0.755	0.1467117	0.220	0.8482741	0.050	11.62 ± 0.37	60.19	5.82	0.380 ± 0.005
06C2881	0.77 W	✓	0.0012067	2.398	0.2298425	0.653	0.0049630	0.600	0.1793457	0.193	0.9530773	0.068	11.44 ± 0.32	64.48	7.11	0.335 ± 0.014
06C2882	0.85 W	✓	0.0010337	2.577	0.2616222	0.586	0.0044034	0.631	0.1881512	0.255	0.9318141	0.065	11.48 ± 0.29	69.43	7.46	0.309 ± 0.013
06C2883	1.06 W	✓	0.0010528	2.611	0.3267065	0.647	0.0043200	0.623	0.2194833	0.271	1.0212493	0.055	11.20 ± 0.25	72.05	8.70	0.289 ± 0.012
06C2885	1.24 W	✓	0.0010516	2.512	0.3961477	0.745	0.0043074	0.607	0.2472337	0.188	1.0947816	0.070	11.01 ± 0.22	74.42	9.81	0.268 ± 0.004
06C2886	1.47 W	✓	0.0011863	2.664	0.3958079	0.546	0.0038892	0.559	0.2423424	0.182	1.1016490	0.055	10.78 ± 0.26	70.96	9.61	0.263 ± 0.003
06C2888	1.62 W	✓	0.0009796	1.805	0.3166623	0.585	0.0030269	0.781	0.1860747	0.259	0.8706128	0.304	10.87 ± 0.22	69.57	7.38	0.252 ± 0.003
06C2889	1.89 W		0.0013196	1.331	0.2418861	0.640	0.0023902	0.719	0.1382498	0.199	0.8026181	0.534	10.43 ± 0.33	53.79	5.48	0.245 ± 0.010
06C2891	2.24 W		0.0016741	1.131	0.2844522	0.742	0.0023884	0.719	0.1256416	0.368	0.8575290	0.481	10.25 ± 0.38	44.93	4.98	0.190 ± 0.008
06C2892	2.74 W		0.0027138	0.920	0.3844475	0.561	0.0024072	0.760	0.1075626	0.212	1.0846929	0.380	9.74 ± 0.53	28.87	4.26	0.120 ± 0.005
06C2894	3.21 W		0.0037530	0.895	0.3363594	0.762	0.0018730	0.964	0.0609387	0.192	1.2479927	0.327	9.11 ± 1.18	13.27	2.41	0.078 ± 0.003
06C2895	3.86 W		0.0075700	0.874	0.3580179	0.717	0.0021853	1.126	0.0392396	0.243	2.3152104	0.181	9.14 ± 3.42	4.61	1.55	0.047 ± 0.002
06C2896	4.86 W		0.0175117	0.654	0.5723127	0.562	0.0041144	0.715	0.0392049	0.216	5.2747406	0.130	12.51 ± 5.92	2.76	1.54	0.029 ± 0.001
		Σ	0.0714643	0.281	4.6822704	0.170	0.0814226	0.150	2.5220013	0.057	29.1211476	0.042				

Information on Analysis and Constants Used in Calculations

Sample = COM-1 2F16-06
Material = Groundmass 210-300µm
Location = Combe, Samoa
Analyst = Jamie Russell
Project = SAMOA
Mass Discrimination Law = LIN
Irradiation = OSU2F06
J = 0.00185090 ± 0.00000685
FCT-3 = 28.030 ± 0.003 Ma
IGSN = KOP000054
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 = Basalt
Lat-Lon = 12°44.9'S - 177°22.1'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	3.3459 ± 0.0445	11.16 ± 0.17	2.59	78.47	0.290 ± 0.042
Error Mean	± 1.33%	± 1.52%	0%	16	
	Minimal External Error ± 0.26		1.37	2σ Confidence Limit	
	Analytical Error ± 0.15		1.6094	Error Magnification	
Total Fusion Age	3.3239 ± 0.0482	11.09 ± 0.18		26	0.231 ± 0.009
	± 1.45%	± 1.62%			
	Minimal External Error ± 0.27				
	Analytical Error ± 0.16				
Normal Isochron	3.2976 ± 0.0676	11.00 ± 0.24	2.39	78.47	
Error Chron	± 2.05%	± 2.17%	0%	16	
	Minimal External Error ± 0.31		1.76	2σ Confidence Limit	
	Analytical Error ± 0.22		1.5460	Error Magnification	
Inverse Isochron	3.3077 ± 0.0685	11.04 ± 0.24	2.40	78.47	
Error Chron	± 2.07%	± 2.19%	0%	16	
	Minimal External Error ± 0.31		1.76	2σ Confidence Limit	
	Analytical Error ± 0.23		1.5487	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
06C2862	0.00 W		0.006088	0.93	0.000000	0.00	0.000000	6.75	0.000000	14.51	0.000756	6.74	0.001138	0.93	0.000000	0.00	0.000017	1.02	0.000000	22.91	0.000156	15.47	0.001440	1.02	0.000001	6.98	0.017472	96.06	1.798963	0.93	0.000000	0.00	0.000002	24.92
06C2863	0.01 W		0.004291	1.14	0.000000	0.00	0.000001	3.27	0.000000	8.38	0.002260	3.25	0.000802	1.14	0.000000	0.00	0.000053	0.87	0.000000	22.14	0.000329	9.96	0.004380	0.87	0.000002	3.73	0.039832	36.56	1.267862	1.14	0.000000	0.00	0.000007	24.92
06C2865	0.02 W		0.003989	0.98	0.000000	0.00	0.000001	1.40	0.000000	6.18	0.004696	1.35	0.000746	0.98	0.000000	0.00	0.000119	0.49	0.000000	21.94	0.000622	8.20	0.009861	0.48	0.000003	2.27	0.033111	35.04	1.178693	0.98	0.000000	0.00	0.000016	24.90
06C2866	0.06 W		0.003146	1.16	0.000000	0.00	0.000002	1.03	0.000000	5.86	0.007878	0.97	0.000588	1.16	0.000000	0.00	0.000211	0.27	0.000000	21.92	0.001023	7.96	0.017428	0.26	0.000006	2.07	0.076577	14.20	0.929710	1.16	0.000000	0.00	0.000029	24.90
06C2867	0.09 W	✓	0.002126	1.55	0.000000	0.00	0.000003	1.19	0.000000	5.58	0.009400	1.13	0.000397	1.55	0.000000	0.00	0.000267	0.33	0.000000	21.93	0.001232	7.75	0.022019	0.32	0.000007	2.15	0.072225	13.56	0.628343	1.55	0.000000	0.00	0.000036	24.90
06C2869	0.18 W	✓	0.001802	1.63	0.000000	0.00	0.000005	1.05	0.000000	5.49	0.018092	0.98	0.000337	1.63	0.000000	0.00	0.000472	0.31	0.000001	21.92	0.002075	7.69	0.039017	0.30	0.000013	2.08	0.129639	6.75	0.532486	1.63	0.000000	0.00	0.000064	24.90
06C2870	0.21 W	✓	0.001448	1.88	0.000000	0.00	0.000006	0.90	0.000000	5.48	0.023200	0.82	0.000271	1.88	0.000000	0.00	0.000583	0.30	0.000001	21.92	0.002350	7.68	0.048158	0.29	0.000016	2.00	0.164646	4.92	0.427761	1.88	0.000000	0.00	0.000079	24.90
06C2871	0.27 W	✓	0.001132	2.52	0.000000	0.00	0.000007	0.68	0.000000	5.49	0.026252	0.57	0.000212	2.52	0.000000	0.00	0.000621	0.26	0.000001	21.91	0.002351	7.69	0.051275	0.24	0.000019	1.92	0.177165	4.77	0.334602	2.52	0.000000	0.00	0.000085	24.90
06C2873	0.31 W	✓	0.001087	2.29	0.000000	0.00	0.000010	0.67	0.000000	5.50	0.036440	0.56	0.000203	2.29	0.000000	0.00	0.000774	0.26	0.000001	21.91	0.002605	7.70	0.063952	0.24	0.000026	1.91	0.215481	3.42	0.321231	2.29	0.000000	0.00	0.000106	24.90
06C2874	0.35 W	✓	0.000987	2.61	0.000000	0.00	0.000012	0.83	0.000000	5.45	0.044429	0.74	0.000185	2.61	0.000000	0.00	0.000825	0.29	0.000001	21.91	0.002593	7.67	0.068147	0.27	0.000032	1.97	0.236269	3.23	0.291743	2.61	0.000000	0.00	0.000112	24.90
06C2875	0.38 W	✓	0.000932	2.58	0.000000	0.00	0.000015	0.87	0.000000	5.52	0.055791	0.79	0.000174	2.58	0.000000	0.00	0.000908	0.27	0.000002	21.91	0.002535	7.71	0.074985	0.25	0.000040	1.99	0.258097	2.76	0.275349	2.58	0.000000	0.00	0.000124	24.90
06C2877	0.44 W	✓	0.000931	2.80	0.000000	0.00	0.000017	0.78	0.000000	5.45	0.062884	0.68	0.000174	2.80	0.000000	0.00	0.000948	0.21	0.000002	21.91	0.002549	7.66	0.078262	0.19	0.000045	1.95	0.272307	2.83	0.275135	2.80	0.000000	0.00	0.000129	24.90
06C2878	0.50 W	✓	0.001151	2.25	0.000000	0.00	0.000032	0.76	0.000000	5.46	0.120167	0.66	0.000215	2.25	0.000000	0.00	0.001485	0.24	0.000004	21.91	0.003080	7.67	0.122605	0.22	0.000085	1.95	0.420993	1.82	0.340221	2.25	0.000000	0.00	0.000202	24.90
06C2879	0.62 W	✓	0.001142	2.40	0.000000	0.00	0.000044	0.62	0.000000	5.53	0.165760	0.62	0.000213	2.40	0.000000	0.00	0.001668	0.22	0.000023	0.62	0.003012	7.72	0.146600	0.22	0.000112	0.62	0.510609	1.59	0.337517	2.40	0.000000	0.00	0.000148	0.22
06C2881	0.77 W	✓	0.001144	2.53	0.000000	0.00	0.000062	0.75	0.000000	5.52	0.229842	0.65	0.000214	2.53	0.000000	0.00	0.002170	0.22	0.000007	21.91	0.002572	7.71	0.179183	0.19	0.000163	1.94	0.614584	1.40	0.338198	2.53	0.000000	0.00	0.000296	24.90
06C2882	0.85 W	✓	0.000963	2.77	0.000000	0.00	0.000070	0.69	0.000000	5.59	0.261622	0.59	0.000180	2.77	0.000000	0.00	0.002276	0.27	0.000008	21.91	0.001939	7.76	0.187966	0.25	0.000185	1.92	0.646932	1.22	0.284572	2.77	0.000000	0.00	0.000310	24.90
06C2883	1.06 W	✓	0.000965	2.85	0.000000	0.00	0.000088	0.74	0.000000	5.72	0.326706	0.65	0.000180	2.85	0.000000	0.00	0.002655	0.29	0.000010	21.91	0.001474	7.86	0.219252	0.27	0.000232	1.94	0.735812	1.11	0.285075	2.85	0.000000	0.00	0.000362	24.90
06C2885	1.24 W	✓	0.000947	2.79	0.000000	0.00	0.000105	0.75	0.000000	5.80	0.396148	0.75	0.000177	2.79	0.000000	0.00	0.002810	0.19	0.000055	0.75	0.001265	7.91	0.246967	0.19	0.000267	0.75	0.814747	0.96	0.279785	2.79	0.000000	0.00	0.000249	0.19
06C2886	1.47 W	✓	0.001082	2.92	0.000000	0.00	0.000104	0.55	0.000000	5.99	0.395808	0.55	0.000202	2.92	0.000000	0.00	0.002755	0.18	0.000055	0.55	0.000877	8.06	0.242076	0.18	0.000266	0.55	0.781784	1.20	0.319621	2.92	0.000000	0.00	0.000244	0.18
06C2888	1.62 W	✓	0.000896	1.97	0.000000	0.00	0.000084	0.58	0.000000	6.42	0.316662	0.58	0.000167	1.97	0.000000	0.00	0.002115	0.26	0.000044	0.58	0.000700	8.38	0.185862	0.26	0.000213	0.58	0.605696	0.97	0.264729	1.97	0.000000	0.00	0.000188	0.26
06C2889	1.89 W		0.001254	1.40	0.000000	0.00	0.000065	0.74	0.000000	6.58	0.241886	0.64	0.000234	1.40	0.000000	0.00	0.001672	0.22	0.000008	21.91	0.000476	8.50	0.138078	0.20	0.000171	1.94	0.431696	1.56	0.370694	1.40	0.000000	0.00	0.000228	24.90
06C2891	2.24 W		0.001598	1.19	0.000000	0.00	0.000077	0.83	0.000000	6.32	0.284452	0.74	0.000299	1.19	0.000000	0.00	0.001519	0.38	0.000009	21.91	0.000562	8.30	0.125440	0.37	0.000202	1.97	0.385250	1.80	0.472072	1.19	0.000000	0.00	0.000207	24.90
06C2892	2.74 W		0.002610	0.96	0.000000	0.00	0.000103	0.67	0.000000	6.25	0.384448	0.56	0.000488	0.96	0.000000	0.00	0.001299	0.24	0.000012	21.91	0.000608	8.25	0.107290	0.21	0.000273	1.91	0.313184	2.70	0.771332	0.96	0.000000	0.00	0.000177	24.90
06C2894	3.21 W		0.003662	0.92	0.000000	0.00	0.000090	0.85	0.000000	6.93	0.336359	0.76	0.000685	0.92	0.000000	0.00	0.000735	0.22	0.000011	21.91	0.000443	8.78	0.060700	0.19	0.000238	1.98	0.165633	6.48	1.082259	0.92	0.000000	0.00	0.000100	24.90
06C2895	3.86 W		0.007474	0.89	0.000000	0.00	0.000096	0.81	0.000000	10.56	0.358018	0.72	0.001397	0.89	0.000000	0.00	0.000472	0.26	0.000011	21.91	0.000305	11.85	0.038986	0.25	0.000254	1.97	0.106675	18.75	2.208471	0.89	0.000000	0.00	0.000064	24.90
06C2896	4.86 W		0.017358	0.66	0.000000	0.00	0.000154	0.67	0.000000	11.00	0.572313	0.56	0.003244	0.66	0.000000	0.00	0.000470	0.24	0.000018	21.91	0.000382	12.24	0.038799	0.22	0.000406	1.91	0.145469	23.75	5.129207	0.66	0.000000	0.00	0.000064	24.90
		Σ	0.070205	0.29	0.000000	0.00	0.001253	0.19	0.000006	1.31	4.682270	0.17	0.013121	0.29	0.000000	0.00	0.029902	0.06	0.000286	2.59	0.038113	1.82	2.518727	0.06	0.003274	0.45	8.371885	0.72	20.745633	0.29	0.000000	0.00	0.003630	5.20
		Σ							0.071464	0.28	4.682270	0.17									0.081423	0.85			2.522001	0.06							29.121148	0.29

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)
06C2862	0.00 W		12.132409	11.65484	1.816435	0.00086	1260.825740	12.85929	0.524659	0.03575	4.225864	0.05834	79.686	4.83963442	1.00056345	1.838E-19
06C2863	0.01 W		9.093108	3.32535	1.307694	0.00134	298.424511	2.60037	0.515790	0.01733	0.979281	0.01404	79.713	4.84215765	1.00056364	1.323E-19
06C2865	0.02 W		3.357912	1.17688	1.211804	0.00080	122.854782	0.59547	0.476113	0.00681	0.404525	0.00442	79.762	4.84694213	1.00056399	1.226E-19
06C2866	0.06 W		4.393836	0.62384	1.006288	0.00135	57.721779	0.16644	0.451879	0.00452	0.180597	0.00214	79.787	4.84933614	1.00056417	1.018E-19
06C2867	0.09 W	✓	3.280141	0.44490	0.700568	0.00089	31.808728	0.10864	0.426772	0.00500	0.096665	0.00153	79.813	4.85173133	1.00056435	7.090E-20
06C2869	0.18 W	✓	3.322640	0.22436	0.662125	0.00084	16.966240	0.05492	0.463533	0.00476	0.046302	0.00077	79.863	4.85659189	1.00056470	6.701E-20
06C2870	0.21 W	✓	3.418882	0.16858	0.592407	0.00086	12.298821	0.03947	0.481582	0.00416	0.030186	0.00057	79.888	4.85899066	1.00056488	5.996E-20
06C2871	0.27 W	✓	3.455193	0.16512	0.511767	0.00066	9.978878	0.02699	0.511802	0.00318	0.022220	0.00056	79.912	4.86132394	1.00056505	5.180E-20
06C2873	0.31 W	✓	3.369411	0.11559	0.536712	0.00040	8.390668	0.02070	0.569575	0.00348	0.017151	0.00039	79.963	4.86612736	1.00056540	5.433E-20
06C2874	0.35 W	✓	3.467050	0.11233	0.528013	0.00065	7.746202	0.02303	0.651657	0.00514	0.014662	0.00038	79.987	4.86846407	1.00056558	5.345E-20
06C2875	0.38 W	✓	3.441997	0.09525	0.533445	0.00051	7.111968	0.01907	0.743645	0.00615	0.012625	0.00032	80.012	4.87093552	1.00056576	5.400E-20
06C2877	0.44 W	✓	3.479427	0.09880	0.547442	0.00034	6.992650	0.01378	0.803051	0.00568	0.012111	0.00033	80.066	4.87608284	1.00056613	5.541E-20
06C2878	0.50 W	✓	3.433723	0.06303	0.761214	0.00055	6.205988	0.01419	0.979428	0.00681	0.009651	0.00021	80.091	4.87849124	1.00056631	7.706E-20
06C2879	0.62 W	✓	3.483005	0.05575	0.848126	0.00043	5.781913	0.01303	1.129837	0.00741	0.008087	0.00019	80.115	4.88083389	1.00056648	8.585E-20
06C2881	0.77 W	✓	3.429927	0.04833	0.952782	0.00065	5.314190	0.01088	1.281561	0.00873	0.006728	0.00016	80.165	4.88565658	1.00056684	9.645E-20
06C2882	0.85 W	✓	3.441754	0.04291	0.931504	0.00061	4.952476	0.01301	1.390489	0.00888	0.005494	0.00014	80.190	4.88806971	1.00056701	9.430E-20
06C2883	1.06 W	✓	3.356017	0.03825	1.020888	0.00057	4.652971	0.01286	1.488526	0.01043	0.004797	0.00013	80.215	4.89048404	1.00056719	1.034E-19
06C2885	1.24 W	✓	3.299012	0.03237	1.094532	0.00077	4.428124	0.00887	1.602321	0.01231	0.004253	0.00011	80.265	4.89524912	1.00056754	1.108E-19
06C2886	1.47 W	✓	3.229497	0.03911	1.101405	0.00060	4.545836	0.00865	1.633259	0.00940	0.004895	0.00013	80.290	4.89766699	1.00056771	1.115E-19
06C2888	1.62 W	✓	3.258856	0.03263	0.870425	0.00265	4.678835	0.01867	1.701802	0.01088	0.005264	0.00010	80.664	4.93401101	1.00057036	8.811E-20
06C2889	1.89 W		3.126462	0.04914	0.802390	0.00428	5.805566	0.03306	1.749631	0.01172	0.009545	0.00013	80.688	4.93638032	1.00057053	8.122E-20
06C2891	2.24 W		3.071188	0.05655	0.857322	0.00412	6.825198	0.04132	2.263996	0.01875	0.013325	0.00016	80.738	4.94119012	1.00057088	8.678E-20
06C2892	2.74 W		2.919040	0.07901	1.084516	0.00412	10.084296	0.04390	3.574175	0.02145	0.025230	0.00024	80.762	4.94363068	1.00057105	1.098E-19
06C2894	3.21 W		2.728709	0.17703	1.247893	0.00409	20.479486	0.07776	5.519638	0.04335	0.061587	0.00056	80.812	4.94844755	1.00057140	1.263E-19
06C2895	3.86 W		2.736243	0.51303	2.315146	0.00420	59.001816	0.17907	9.123882	0.06906	0.192918	0.00175	80.837	4.95089169	1.00057158	2.343E-19
06C2896	4.86 W		3.749290	0.89053	5.274677	0.00687	134.542922	0.33974	14.597992	0.08788	0.446672	0.00308	80.861	4.95326910	1.00057175	5.338E-19

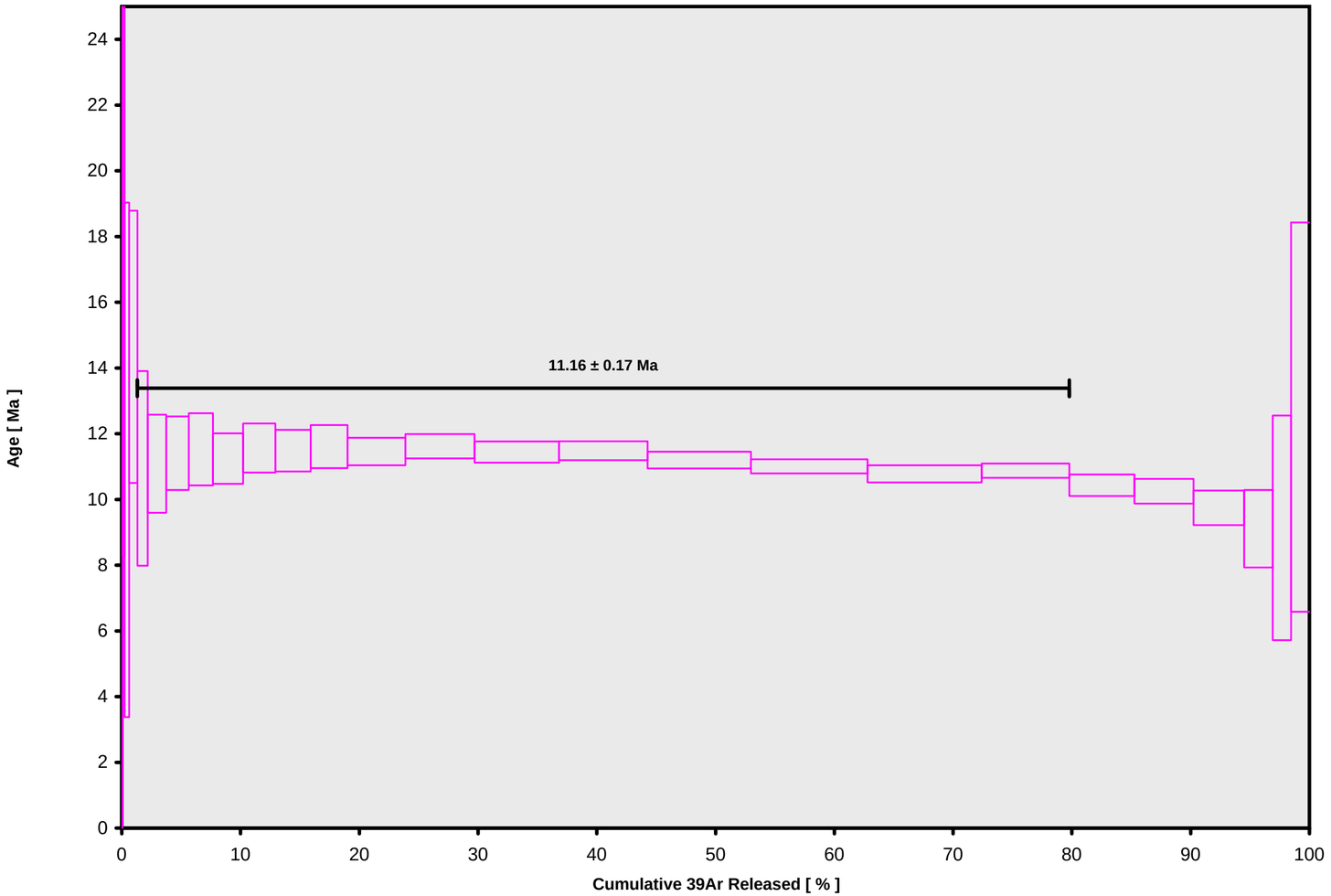
Procedure Blanks		36Ar	1σ	37Ar	1σ	38Ar	1σ	39Ar	1σ	40Ar	1σ
06C2862	0.00 W	0.000173	0.000011	0.000034	0.000008	0.000027	0.000011	0.000020	0.000006	0.052331	0.000084
06C2863	0.01 W	0.000260	0.000025	0.000006	0.000008	0.000083	0.000012	0.000060	0.000008	0.076693	0.000281
06C2865	0.02 W	0.000303	0.000024	0.000019	0.000008	0.000060	0.000012	0.000027	0.000008	0.088097	0.000274
06C2866	0.06 W	0.000313	0.000024	0.000023	0.000008	0.000055	0.000012	0.000020	0.000008	0.091138	0.000271
06C2867	0.09 W	0.000318	0.000023	0.000025	0.000008	0.000054	0.000012	0.000018	0.000008	0.092865	0.000268
06C2869	0.18 W	0.000318	0.000023	0.000027	0.000008	0.000057	0.000012	0.000020	0.000008	0.093538	0.000263
06C2870	0.21 W	0.000315	0.000023	0.000028	0.000008	0.000060	0.000012	0.000023	0.000008	0.092979	0.000262
06C2871	0.27 W	0.000311	0.000023	0.000027	0.000008	0.000063	0.000012	0.000026	0.000008	0.092129	0.000260
06C2873	0.31 W	0.000304	0.000023	0.000027	0.000008	0.000067	0.000012	0.000030	0.000008	0.090022	0.000259
06C2874	0.35 W	0.000301	0.000023	0.000026	0.000008	0.000068	0.000012	0.000031	0.000008	0.089025	0.000258
06C2875	0.38 W	0.000299	0.000023	0.000026	0.000008	0.000068	0.000012	0.000031	0.000008	0.088073	0.000259
06C2877	0.44 W	0.000297	0.000023	0.000026	0.000008	0.000063	0.000012	0.000025	0.000008	0.086463	0.000260
06C2878	0.50 W	0.000297	0.000023	0.000027	0.000008	0.000059	0.000012	0.000021	0.000008	0.085798	0.000262
06C2879	0.62 W	0.000295	0.000023	0.000027	0.000008	0.000055	0.000012	0.000016	0.000008	0.085092	0.000263
06C2881	0.77 W	0.000288	0.000023	0.000027	0.000008	0.000046	0.000012	0.000008	0.000008	0.082915	0.000268
06C2882	0.85 W	0.000280	0.000024	0.000026	0.000008	0.000044	0.000012	0.000006	0.000008	0.081095	0.000271
06C2883	1.06 W	0.000267	0.000024	0.000025	0.000008	0.000043	0.000012	0.000007	0.000008	0.078485	0.000274
06C2885	1.24 W	0.000222	0.000025	0.000020	0.000008	0.000051	0.000012	0.000022	0.000008	0.069932	0.000282
06C2886	1.47 W	0.000186	0.000025	0.000015	0.000008	0.000062	0.000012	0.000038	0.000008	0.063230	0.000286
06C2888	1.62 W	0.000193	0.000009	0.000027	0.000019	0.000032	0.000011	0.000013	0.000008	0.052276	0.002435
06C2889	1.89 W	0.000213	0.000011	0.000029	0.000030	0.000046	0.000011	0.000023	0.000013	0.060397	0.004169
06C2891	2.24 W	0.000273	0.000011	0.000034	0.000029	0.000063	0.000011	0.000025	0.000013	0.080182	0.004080
06C2892	2.74 W	0.000304	0.000011	0.000037	0.000029	0.000069	0.000011	0.000024	0.000012	0.089632	0.004052
06C2894	3.21 W	0.000355	0.000011	0.000043	0.000029	0.000073	0.000011	0.000020	0.000012	0.104399	0.004034
06C2895	3.86 W	0.000372	0.000011	0.000046	0.000029	0.000072	0.000011	0.000019	0.000012	0.108814	0.004043
06C2896	4.86 W	0.000380	0.000011	0.000047	0.000029	0.000070	0.000011	0.000019	0.000013	0.110415	0.004063

Intercept Values		36Ar	1σ	r2		37Ar	1σ	r2		38Ar	1σ	r2		39Ar	1σ	r2		40Ar	1σ	r2	
06C2862	0.00 W	0.006246	0.000040	0.8781	LIN #	0.000189	0.000007	0.9933	LIN #	0.001325	0.000014	0.2088	LIN #	0.001441	0.000013	0.9997	LIN #	1.836989	0.000842	0.9993	LIN # 5 6
06C2863	0.01 W	0.004536	0.000033	0.8867	LIN #	0.000469	0.000013	0.9700	EXP #	0.001254	0.000014	0.7045	LIN # 1	0.004378	0.000036	0.9963	EXP #	1.360316	0.001284	0.9971	EXP #
06C2865	0.02 W	0.004277	0.000018	0.9565	LIN # 3	0.000981	0.000009	0.9674	EXP #	0.001531	0.000012	0.4084	LIN #	0.009749	0.000043	0.9898	LIN #	1.277184	0.000741	0.9986	EXP # 4
06C2866	0.06 W	0.003447	0.000020	0.8972	LIN #	0.001636	0.000011	0.9169	EXP #	0.001857	0.000018	0.5414	LIN #	0.017202	0.000033	0.9857	EXP # 4 5	1.078155	0.001303	0.9954	EXP # 4
06C2867	0.09 W	0.002435	0.000019	0.8359	LIN #	0.001949	0.000018	0.7738	EXP #	0.001930	0.000010	0.7659	LIN # 11	0.021721	0.000059	0.0694	LIN #	0.779363	0.000836	0.9946	EXP # 7 11
06C2869	0.18 W	0.002115	0.000015	0.8237	LIN #	0.003728	0.000030	0.0285	LIN #	0.002911	0.000016	0.9153	LIN #	0.038486	0.000096	0.9207	LIN # 9	0.742438	0.000784	0.9943	EXP # 5 9
06C2870	0.21 W	0.001760	0.000012	0.8372	LIN # 8	0.004772	0.000029	0.6510	LIN #	0.003231	0.000017	0.8574	LIN #	0.047515	0.000112	0.9455	LIN #	0.673609	0.000807	0.9918	EXP #
06C2871	0.27 W	0.001443	0.000016	0.5428	LIN #	0.005395	0.000010	0.9716	LIN #	0.003215	0.000019	0.8588	LIN # 10	0.050609	0.000089	0.9755	LIN # 10	0.593709	0.000595	0.9938	EXP #
06C2873	0.31 W	0.001394	0.000009	0.8630	LIN #	0.007469	0.000013	0.9827	EXP #	0.003615	0.000023	0.7623	LIN # 10	0.063109	0.000108	0.9886	LIN # 1 2 10	0.616058	0.000299	0.9985	EXP # 1 10
06C2874	0.35 W	0.001294	0.000011	0.7379	LIN # 1	0.009097	0.000047	0.8949	EXP # 6	0.003636	0.000014	0.9463	LIN #	0.067259	0.000147	0.9774	LIN # 1	0.606595	0.000586	0.9961	EXP # 1 2 3
06C2875	0.38 W	0.001239	0.000007	0.5707	LIN # 1 12	0.011410	0.000066	0.8017	LIN #	0.003650	0.000025	0.8521	LIN # 1	0.074001	0.000143	0.9749	LIN # 1	0.610951	0.000426	0.9964	LIN # 1 3 8
06C2877	0.44 W	0.001238	0.000012	0.7462	LIN #	0.012847	0.000055	0.9575	EXP # 6 9	0.003699	0.000013	0.9644	EXP # 4	0.077247	0.000075	0.9962	EXP # 1 9	0.623252	0.000209	0.9994	EXP # 2
06C2878	0.50 W	0.001473	0.000010	0.7944	LIN # 6	0.024518	0.000097	0.9596	EXP # 2	0.004797	0.000019	0.9565	LIN # 1 7	0.121036	0.000177	0.9899	EXP #	0.832970	0.000473	0.9979	EXP #
06C2879	0.62 W	0.001474	0.000013	0.5349	LIN #	0.033789	0.000108	0.9779	LIN # 3	0.004924	0.000031	0.8634	LIN #	0.144696	0.000218	0.9924	LIN # 7 8	0.917494	0.000332	0.9995	EXP # 4 5
06C2881	0.77 W	0.001487	0.000016	0.5846	LIN #	0.046772	0.000180	0.9796	LIN # 1 2	0.004959	0.000022	0.8986	LIN # 4 12	0.176783	0.000191	0.9959	EXP # 5	1.017874	0.000582	0.9986	EXP # 2
06C2882	0.85 W	0.001306	0.000011	0.0276	LIN #	0.053198	0.000135	0.9859	EXP # 2	0.004401	0.000021	0.9001	LIN #	0.185424	0.000367	0.9871	EXP # 1 9	0.994999	0.000531	0.9987	EXP # 3 8 9
06C2883	1.06 W	0.001312	0.000012	0.3928	LIN # 10	0.066392	0.000248	0.9688	EXP # 1	0.004318	0.000020	0.9183	LIN # 2	0.216302	0.000473	0.9867	EXP # 1 5	1.080289	0.000484	0.9990	EXP # 5
06C2885	1.24 W	0.001267	0.000008	0.4361	LIN # 10	0.080399	0.000423	0.9280	EXP # 1	0.004313	0.000019	0.9419	LIN # 2	0.243615	0.000238	0.9962	LIN # 1	1.143895	0.000702	0.9979	EXP # 1
06C2886	1.47 W	0.001366	0.000018	0.1011	LIN # 10	0.080302	0.000112	0.9938	EXP # 8 11	0.003911	0.000013	0.9104	LIN # 9	0.238859	0.000208	0.9970	EXP # 1	1.144282	0.000520	0.9990	EXP # 1 7 10
06C2888	1.62 W	0.001167	0.000014	0.0101	LIN #	0.063811	0.000159	0.9765	EXP # 9 10	0.003029	0.000019	0.8267	LIN #	0.183456	0.000373	0.9881	LIN # 1 7 8 12	0.906927	0.001017	0.9910	EXP #
06C2889	1.89 W	0.001525	0.000010	0.7476	LIN #	0.048723	0.000173	0.9644	LIN # 4	0.002412	0.000011	0.8724	LIN #	0.136303	0.000160	0.9944	LIN # 3	0.848005	0.000967	0.9917	LIN # 8
06C2891	2.24 W	0.001938	0.000011	0.8181	LIN #	0.057241	0.000297	0.9350	EXP #	0.002427	0.000011	0.8290	LIN # 8 11	0.123877	0.000411	0.9460	LIN # 2	0.921402	0.000567	0.9976	EXP #
06C2892	2.74 W	0.003007	0.000014	0.9252	LIN # 11	0.077355	0.000144	0.9911	EXP # 11	0.002452	0.000012	0.8388	LIN #	0.106107	0.000148	0.9907	EXP # 3	1.154468	0.000740	0.9983	EXP # 5
06C2894	3.21 W	0.004094	0.000021	0.9261	LIN #	0.067610	0.000369	0.9445	EXP #	0.001927	0.000013	0.8477	LIN # 2	0.060108	0.000063	0.9890	LIN # 1 4 9	1.329262	0.000645	0.9990	EXP # 1
06C2895	3.86 W	0.007917	0.000044	0.9040	LIN #	0.071914	0.000347	0.9355	EXP #	0.002235	0.000021	0.0664	LIN #	0.038703	0.000070	0.9824	LIN # 1 6 8	2.382100	0.001118	0.9991	EXP # 4
06C2896	4.86 W	0.017844	0.000027	0.9918	LIN # 1 5	0.114889	0.000217	0.9863	EXP #	0.004143	0.000024	0.0012	LIN # 1 2	0.038673	0.000055	0.9988	LIN #	5.292536	0.005446	0.9944	EXP #

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
06C2862	0.00 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0173	1.012E-19	25	AUG	2006	07	31	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2863	0.01 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.01	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0177	1.012E-19	25	AUG	2006	08	09	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2865	0.02 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.02	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0178	1.012E-19	25	AUG	2006	09	21	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2866	0.06 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.06	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0179	1.012E-19	25	AUG	2006	09	57	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2867	0.09 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.09	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0181	1.012E-19	25	AUG	2006	10	33	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2869	0.18 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.18	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0179	1.012E-19	25	AUG	2006	11	46	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2870	0.21 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.21	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0176	1.012E-19	25	AUG	2006	12	22	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2871	0.27 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.27	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0173	1.012E-19	25	AUG	2006	12	57	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2873	0.31 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.31	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0175	1.012E-19	25	AUG	2006	14	09	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2874	0.35 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.35	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0174	1.012E-19	25	AUG	2006	14	44	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2875	0.38 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.38	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0175	1.012E-19	25	AUG	2006	15	21	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2877	0.44 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.44	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0173	1.012E-19	25	AUG	2006	16	38	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2878	0.50 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.5	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0171	1.012E-19	25	AUG	2006	17	14	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2879	0.62 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.62	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0173	1.012E-19	25	AUG	2006	17	49	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2881	0.77 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.77	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0178	1.012E-19	25	AUG	2006	19	01	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2882	0.85 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	0.85	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.018	1.012E-19	25	AUG	2006	19	37	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2883	1.06 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	1.06	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.018	1.012E-19	25	AUG	2006	20	13	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2885	1.24 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	1.24	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0182	1.012E-19	25	AUG	2006	21	24	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2886	1.47 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	1.47	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.018	1.012E-19	25	AUG	2006	22	00	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2888	1.62 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	1.62	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0176	1.012E-19	26	AUG	2006	06	59	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2889	1.89 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	1.89	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0177	1.012E-19	26	AUG	2006	07	34	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2891	2.24 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	2.24	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0177	1.012E-19	26	AUG	2006	08	45	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2892	2.74 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	2.74	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0172	1.012E-19	26	AUG	2006	09	21	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2894	3.21 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	3.21	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0174	1.012E-19	26	AUG	2006	10	32	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2895	3.86 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	3.86	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0176	1.012E-19	26	AUG	2006	11	08	001	OSU2F06	Samoa	06C2862	01	FCT-3
06C2896	4.86 W	COM-1 2F16-06	Groundmass 210-300µm	Combe, Samoa	Jamie Russell	4.86	28.03	0.01	0.0018509	0.37	1.00378	0.16	1.0175	1.012E-19	26	AUG	2006	11	43	001	OSU2F06	Samoa	06C2862	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
06C2862	0.00 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
06C2863	0.01 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
06C2865	0.02 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
06C2866	0.06 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
06C2867	0.09 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
06C2869	0.18 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
06C2870	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
06C2871	0.27 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
06C2873	0.31 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
06C2874	0.35 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
06C2875	0.38 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
06C2877	0.44 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
06C2878	0.50 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
06C2879	0.62 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
06C2881	0.77 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
06C2882	0.85 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
06C2883	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
06C2885	1.24 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
06C2886	1.47 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
06C2888	1.62 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
06C2889	1.89 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
06C2891	2.24 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
06C2892	2.74 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
06C2894	3.21 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
06C2895	3.86 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
06C2896	4.86 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

06C2862.AGE >>> COM-1 2F16-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
11.16 ± 0.17
TOTAL FUSION
11.09 ± 0.18
NORMAL ISOCHRON
11.00 ± 0.24
INVERSE ISOCHRON
11.04 ± 0.24

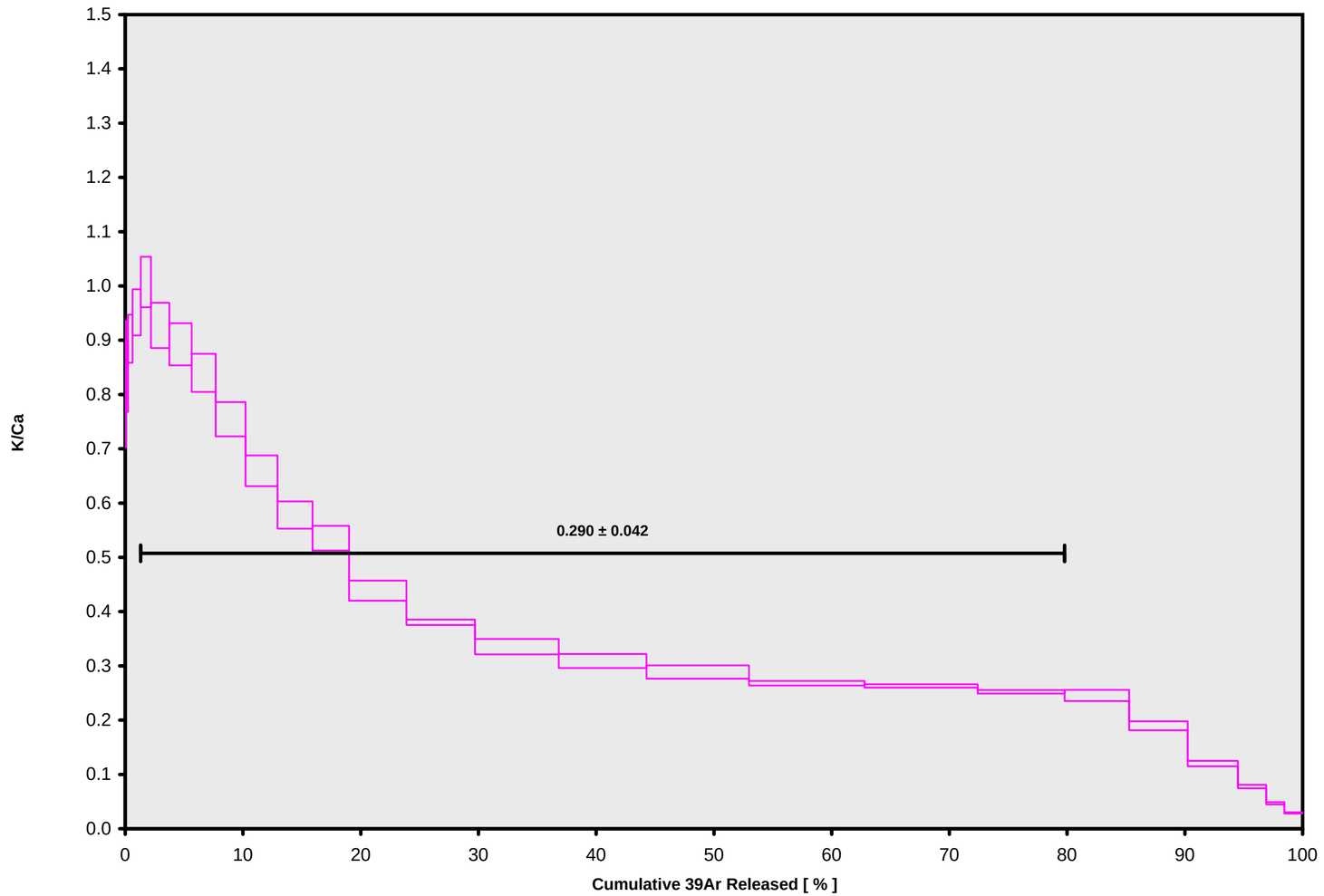
MSWD (PROBABILITY)
2.59 (0%)

Sample Info

Groundmass 210-300µm
Combe, Samoa
Jamie Russell

IRR = OSU2F06
J = 0.00185090 ± 0.00000685

06C2862.AGE >>> COM-1 2F16-06 >>> SAMOA PROJECT



Ar-Ages in Ma

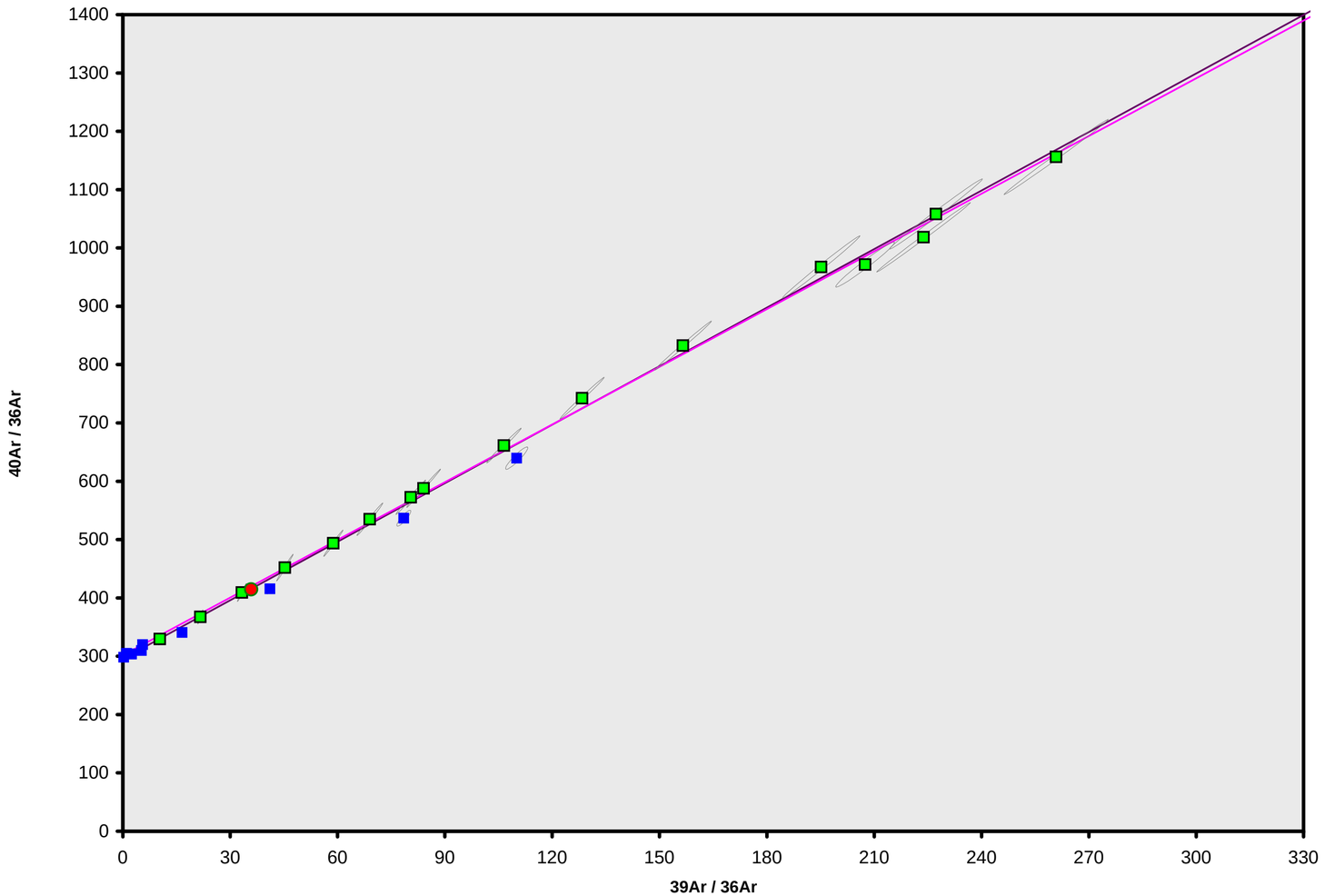
WEIGHTED PLATEAU
11.16 ± 0.17
TOTAL FUSION
11.09 ± 0.18
NORMAL ISOCHRON
11.00 ± 0.24
INVERSE ISOCHRON
11.04 ± 0.24

Sample Info

Groundmass 210-300µm
Combe, Samoa
Jamie Russell

IRR = OSU2F06
J = 0.00185090 ± 0.00000685

06C2862.AGE >>> COM-1 2F16-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
11.16 ± 0.17
TOTAL FUSION
11.09 ± 0.18
NORMAL ISOCHRON
11.00 ± 0.24
INVERSE ISOCHRON
11.04 ± 0.24

MSWD (PROBABILITY)
2.39 (0%)

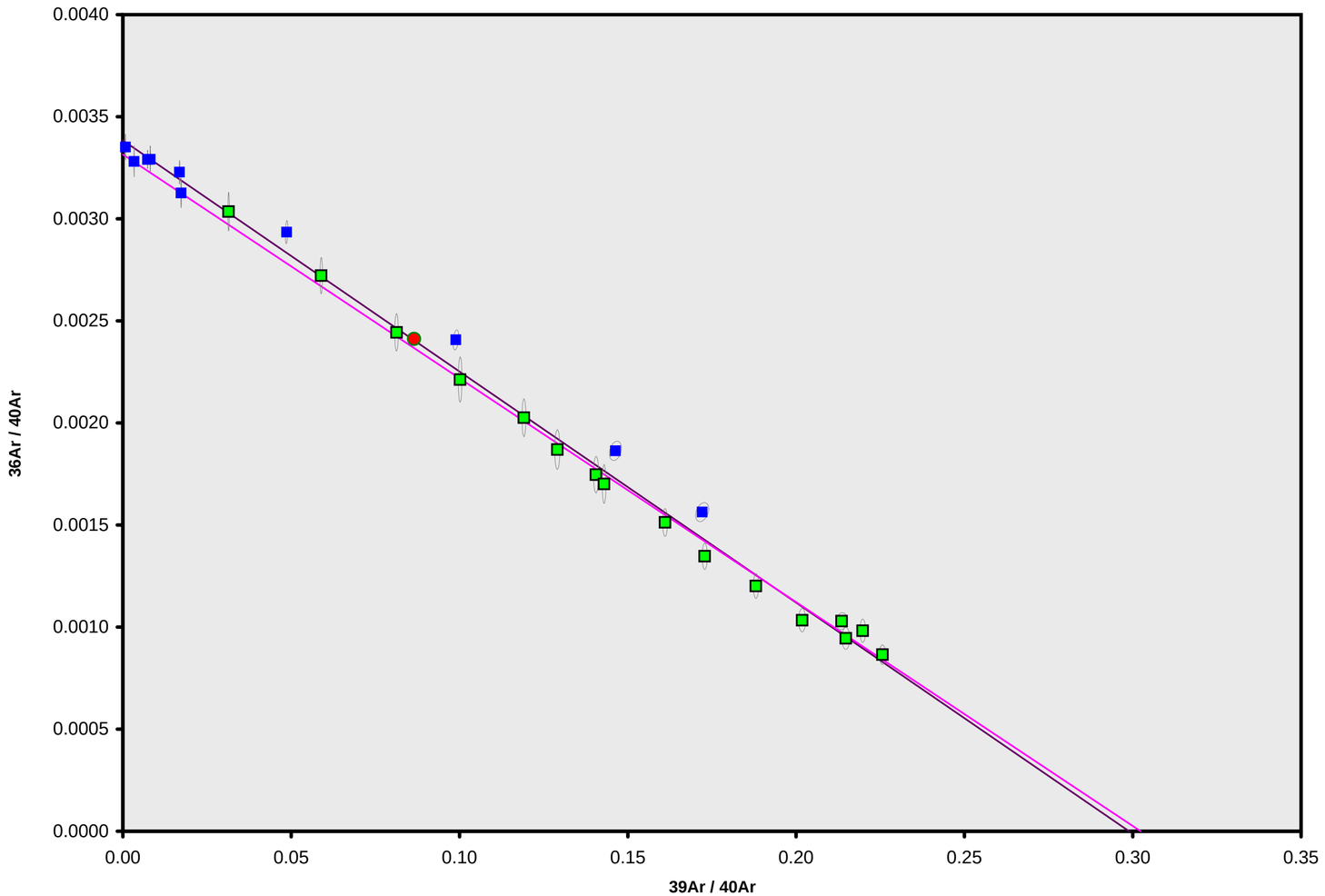
40AR/36AR INTERCEPT
301.6 ± 8.4

Sample Info

Groundmass 210-300µm
Combe, Samoa
Jamie Russell

IRR = OSU2F06
J = 0.00185090 ± 0.00000685

06C2862.AGE >>> COM-1 2F16-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
11.16 ± 0.17
TOTAL FUSION
11.09 ± 0.18
NORMAL ISOCHRON
11.00 ± 0.24
INVERSE ISOCHRON
11.04 ± 0.24

MSWD (PROBABILITY)
2.40 (0%)

SPREADING FACTOR
64.2%

40AR/36AR INTERCEPT
301.6 ± 8.5

Sample Info

Groundmass 210-300µm
Combe, Samoa
Jamie Russell

IRR = OSU2F06
J = 0.00185090 ± 0.00000685