Relative Abundances			36Ar [fA]	%1σ	37Ar [fA]	%1σ	38Ar [fA]	%1σ	39Ar [fA]	%1σ	40Ar [fA]	%1σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ka)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
13D07494	1.8 %		0.9495022	0.350	27.1996	6.556	0.381373	10.819	18.9783	0.261	299.7682	0.037	1.12121 ± 0.10539	3237.9 ± 304.1	7.09	1.49	0.300 ± 0.039
13D07496	2.0 %		0.2407232	0.573	26.9768	6.224	0.300619	12.783	20.9783	0.231	82.0224	0.126	0.61697 ± 0.04218	1782.4 ± 121.8	15.77	1.64	0.334 ± 0.042
13D07497	2.2 %		0.1006004	0.990	27.0960	6.343	0.321096	12.588	20.1911	0.248	37.9233	0.269	0.50841 ± 0.03376	1468.9 ± 97.5	27.04	1.58	0.320 ± 0.041
13D07498	2.4 %		0.0661080	1.270	41.0496	4.010	0.395621	9.648	30.1352	0.172	28.7952	0.355	0.41110 ± 0.01985	1187.9 ± 57.3	42.98	2.36	0.315 ± 0.025
13D07500	2.7 %		0.0494479	1.654	46.3063	3.759	0.443863	8.308	33.8832	0.159	24.0782	0.429	0.38353 ± 0.01756	1108.2 ± 50.7	53.92	2.65	0.314 ± 0.024
13D07501	3.0 %		0.0546572	1.466	70.8369	2.411	0.607915	7.042	53.6107	0.110	29.9343	0.343	0.35757 ± 0.01090	1033.3 ± 31.5	63.98	4.20	0.325 ± 0.016
13D07502	3.3 %		0.0428654	1.654	58.5589	2.975	0.543524	7.570	44.6094	0.124	23.9120	0.431	0.35187 ± 0.01219	1016.8 ± 35.2	65.59	3.49	0.327 ± 0.019
13D07504	3.6 %	✓	0.0525604	1.387	91.6441	1.935	0.768156	5.082	66.0825	0.100	30.7216	0.336	0.33549 ± 0.00842	969.5 ± 24.3	72.10	5.18	0.310 ± 0.012
13D07505	3.9 %	✓	0.0473512	1.528	89.6097	2.001	0.759861	5.325	67.0556	0.098	29.2976	0.350	0.32989 ± 0.00827	953.3 ± 23.9	75.44	5.25	0.321 ± 0.013
13D07506	4.2 %	✓	0.0419378	1.799	83.2866	2.088	0.725456	5.384	63.1912	0.101	27.0564	0.381	0.33225 ± 0.00894	960.1 ± 25.8	77.53	4.95	0.326 ± 0.014
13D07508	4.5 %	✓	0.0453889	1.691	91.5060	1.891	0.805900	4.630	69.9608	0.094	28.9889	0.350	0.32204 ± 0.00814	930.6 ± 23.5	77.65	5.48	0.328 ± 0.012
13D07509	4.8 %	✓	0.0428232	1.708	91.6622	1.920	0.829442	4.585	69.6344	0.097	28.3021	0.361	0.32477 ± 0.00798	938.5 ± 23.0	79.83	5.45	0.326 ± 0.013
13D07510	5.1 %	✓	0.0480431	1.674	98.5864	1.843	0.907214	4.302	75.1467	0.092	30.9256	0.333	0.32232 ± 0.00791	931.4 ± 22.9	78.25	5.89	0.327 ± 0.012
13D07512	5.4 %	✓	0.0405741	1.825	79.3376	2.091	0.660496	5.810	58.9743	0.105	24.6820	0.415	0.31755 ± 0.00935	917.6 ± 27.0	75.81	4.62	0.319 ± 0.013
13D07513	5.7 %	✓	0.0393515	1.968	69.5203	2.527	0.642372	5.894	53.6172	0.112	23.6840	0.435	0.32334 ± 0.01073	934.4 ± 31.0	73.14	4.20	0.331 ± 0.017
13D07514	6.1 %	✓	0.0505851	1.593	81.3613	2.217	0.698628	5.339	57.2104	0.104	26.8917	0.382	0.31717 ± 0.01037	916.5 ± 30.0	67.41	4.48	0.302 ± 0.013
13D07516	6.5 %	✓	0.0597309	1.417	98.1490	1.751	0.825339	4.636	63.0721	0.098	30.3264	0.337	0.32002 ± 0.00962	924.8 ± 27.8	66.49	4.94	0.276 ± 0.010
13D07517	6.9 %	✓	0.0458382	1.667	72.9268	2.337	0.591868	6.938	45.1025	0.124	22.0780	0.465	0.31302 ± 0.01255	904.6 ± 36.3	63.88	3.53	0.266 ± 0.012
13D07518	7.3 %	✓	0.0529483	1.460	79.4279	2.170	0.560656	7.317	43.0284	0.130	22.8502	0.450	0.30932 ± 0.01329	893.8 ± 38.4	58.17	3.37	0.233 ± 0.010
13D07520	7.8 %	✓	0.0550983	1.507	79.9820	2.106	0.499522	7.950	39.3184	0.142	22.3029	0.460	0.30986 ± 0.01517	895.4 ± 43.8	54.55	3.08	0.211 ± 0.009
13D07521	8.3 %	✓	0.0706759	1.258	98.6732	1.760	0.497971	7.951	41.3780	0.133	26.2255	0.395	0.31341 ± 0.01522	905.7 ± 44.0	49.37	3.24	0.180 ± 0.006
13D07522	8.8 %	✓	0.0563907	1.381	72.6947	2.387	0.394417	10.018	28.4498	0.179	19.7822	0.523	0.30753 ± 0.02025	888.7 ± 58.5	44.15	2.23	0.168 ± 0.008
13D07524	9.3 %	✓	0.0671641	1.223	86.8675	2.102	0.418338	9.255	27.0364	0.190	21.4632	0.482	0.30973 ± 0.02232	895.0 ± 64.5	38.93	2.11	0.134 ± 0.006
13D07525	9.9 %		0.0853732	1.091	111.5501	1.614	0.401862	9.818	27.8133	0.187	24.9084	0.416	0.30129 ± 0.02359	870.6 ± 68.1	33.55	2.17	0.107 ± 0.003
13D07526	10.5 %		0.0929334	1.000	120.4173	1.588	0.415957	9.750	24.6361	0.203	24.9884	0.411	0.28172 ± 0.02689	814.1 ± 77.7	27.68	1.92	0.088 ± 0.003
13D07528	11.2 %		0.1046355	0.962	140.5507	1.366	0.344616	11.450	22.4144	0.218	26.8360	0.384	0.30896 ± 0.03134	892.8 ± 90.6	25.70	1.75	0.068 ± 0.002
13D07529	11.9 %		0.1165741	0.905	164.3571	1.225	0.322087	12.260	19.7278	0.261	27.2501	0.379	0.28885 ± 0.03726	834.7 ± 107.6	20.79	1.54	0.051 ± 0.001
13D07530	12.8 %		0.1720053	0.686	254.3813	0.859	0.414715	9.512	21.9836	0.234	37.0347	0.279	0.28203 ± 0.03700	815.0 ± 106.9	16.61	1.71	0.037 ± 0.001
13D07532	13.9 %		0.1456367	0.749	233.9469	0.911	0.378474	10.842	15.5781	0.320	30.5841	0.338	0.38349 ± 0.04919	1108.1 ± 142.1	19.33	1.21	0.028 ± 0.001
13D07533	15.2 %		0.1880987	0.671	300.0881	0.805	0.314916	13.284	16.7771	0.293	37.4779	0.274	0.32896 ± 0.05225	950.6 ± 150.9	14.55	1.30	0.024 ± 0.000
13D07534	16.7 %		0.2085994	0.592	315.2721	0.811	0.327016	13.098	15.9496	0.305	41.2652	0.249	0.27842 ± 0.05480	804.6 ± 158.3	10.62	1.23	0.021 ± 0.000
13D07536	18.2 %		0.2041796	0.593	297.8050	0.833	0.230136	17.480	11.8653	0.427	40.2620	0.258	0.28472 ± 0.07245	822.8 ± 209.3	8.25	0.91	0.017 ± 0.000
13D07537	19.7 %		0.1869013	0.649	259.6457	0.845	0.220769	17.558	7.1036	0.678	38.1911	0.272	0.48725 ± 0.11920	1407.8 ± 344.3	8.84	0.54	0.011 ± 0.000
13D07539	21.2 %		0.1477250	0.701	155.4003	1.215	0.029385	131.271	3.8167	1.244	32.7546	0.315	0.35464 ± 0.19211	1024.8 ± 555.0	4.02	0.29	0.010 ± 0.000
		Σ	3.9730282	0.159	4016.6740	0.273	16.979580	1.360	1278.3105	0.025	1303.5643	0.046					

Information on Analysis and Constants Used in Calculations

Project = **BALBAS (13-19)**
Sample = **44A-ARGON-5**
Material = **Groundmass**
Location = **Floreana Island**
Region = **Galapagos**
Analyst = **Andrea Balbas**
Irradiation = **13-OSU-05**
Position = **X: 0 | Y: 0 | Z/H: 54.7 mm**
FCT-3 Age = **28.201 ± 0.023 Ma**
FCT-3 Reference = **Kuiper et al (2008)**
FCT-3 40Ar/39Ar Ratio = **9.83311 ± 0.01622**
FCT-3 J-value = **0.00159842 ± 0.00000264**
Air Shot 40Ar/36Ar = **302.7810 ± 0.2876**
Air Shot MDF = **0.99398046 ± 0.00062378 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **5.52 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IEKK1-44A-AR-5B**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Basalt**
Lat-Lon = **1°16.4'S - 90°29.3'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 (Ka)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		0.32265 ± 0.00385	**932.3 ± 11.6**	2.28	67.99	0.230 ± 0.038
Error Mean		± 1.19%	**± 1.24%**	0%	16	
			Full External Error ± 24.0	1.73	2σ Confidence Limit	
			Analytical Error ± 11.1	1.5094	Error Magnification	
Total Fusion Age		0.34560 ± 0.00337	**998.7 ± 10.3**		34	0.137 ± 0.001
		± 0.97%	**± 1.03%**			
			Full External Error ± 24.8			
			Analytical Error ± 9.7			
Normal Isochron	**279.23 ± 12.26**	0.32921 ± 0.00631	**951.3 ± 18.5**	1.58	67.99	
	± 4.39%	± 1.92%	**± 1.95%**	8%	16	
			Full External Error ± 28.4	1.76	2σ Confidence Limit	
			Analytical Error ± 18.2	1.2587	Error Magnification	
				42	Number of Iterations	
				0.0000031176	Convergence	
Inverse Isochron	**279.04 ± 12.76**	0.33006 ± 0.00651	**953.8 ± 19.1**	1.71	67.99	
	± 4.57%	± 1.97%	**± 2.00%**	5%	16	
			Full External Error ± 28.8	1.76	2σ Confidence Limit	
			Analytical Error ± 18.8	1.3078	Error Magnification	
Notes				3	Number of Iterations	
A reliable plateau with low and high temp recoil effects.				0.0046944622	Convergence	
				40%	Spreading Factor	

Incremental Heating			36Ar(a) [fA]	37Ar(ca) [fA]	38Ar(cl) [fA]	39Ar(k) [fA]	40Ar(r) [fA]	Age ± 2σ (Ka)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
13D07494	1.8 %		0.9422589	27.1996	0.0000000	18.9600	21.25817	3237.9 ± 304.1	7.09	1.49	0.300 ± 0.039
13D07496	2.0 %		0.2335384	26.9768	0.0028626	20.9601	12.93166	1782.4 ± 121.8	15.77	1.64	0.334 ± 0.042
13D07497	2.2 %		0.0933671	27.0960	0.0590011	20.1728	10.25615	1468.9 ± 97.5	27.04	1.58	0.320 ± 0.041
13D07498	2.4 %		0.0551704	41.0496	0.0201393	30.1075	12.37727	1187.9 ± 57.3	42.98	2.36	0.315 ± 0.025
13D07500	2.7 %		0.0371086	46.3063	0.0263301	33.8519	12.98317	1108.2 ± 50.7	53.92	2.65	0.314 ± 0.024
13D07501	3.0 %		0.0357933	70.8369	0.0000000	53.5628	19.15265	1033.3 ± 31.5	63.98	4.20	0.325 ± 0.016
13D07502	3.3 %		0.0272712	58.5589	0.0000000	44.5698	15.68299	1016.8 ± 35.2	65.59	3.49	0.327 ± 0.019
13D07504	3.6 %	✓	0.0281556	91.6441	0.0000000	66.0206	22.14926	969.5 ± 24.3	72.10	5.18	0.310 ± 0.012
13D07505	3.9 %	✓	0.0234882	89.6097	0.0000000	66.9950	22.10074	953.3 ± 23.9	75.44	5.25	0.321 ± 0.013
13D07506	4.2 %	✓	0.0197586	83.2866	0.0000000	63.1350	20.97638	960.1 ± 25.8	77.53	4.95	0.326 ± 0.014
13D07508	4.5 %	✓	0.0210208	91.5060	0.0000000	69.8989	22.51003	930.6 ± 23.5	77.65	5.48	0.328 ± 0.012
13D07509	4.8 %	✓	0.0184135	91.6622	0.0000000	69.5725	22.59488	938.5 ± 23.0	79.83	5.45	0.326 ± 0.013
13D07510	5.1 %	✓	0.0217895	98.5864	0.0000000	75.0801	24.19976	931.4 ± 22.9	78.25	5.89	0.327 ± 0.012
13D07512	5.4 %	✓	0.0194465	79.3376	0.0000000	58.9207	18.71027	917.6 ± 27.0	75.81	4.62	0.319 ± 0.013
13D07513	5.7 %	✓	0.0208382	69.5203	0.0000000	53.5703	17.32155	934.4 ± 31.0	73.14	4.20	0.331 ± 0.017
13D07514	6.1 %	✓	0.0289185	81.3613	0.0000000	57.1554	18.12775	916.5 ± 30.0	67.41	4.48	0.302 ± 0.013
13D07516	6.5 %	✓	0.0335776	98.1490	0.0539936	63.0058	20.16333	924.8 ± 27.8	66.49	4.94	0.276 ± 0.010
13D07517	6.9 %	✓	0.0264059	72.9268	0.0396615	45.0532	14.10276	904.6 ± 36.3	63.88	3.53	0.266 ± 0.012
13D07518	7.3 %	✓	0.0317871	79.4279	0.0319827	42.9748	13.29282	893.8 ± 38.4	58.17	3.37	0.233 ± 0.010
13D07520	7.8 %	✓	0.0337946	79.9820	0.0150744	39.2643	12.16652	895.4 ± 43.8	54.55	3.08	0.211 ± 0.009
13D07521	8.3 %	✓	0.0443993	98.6732	0.0000000	41.3113	12.94759	905.7 ± 44.0	49.37	3.24	0.180 ± 0.006
13D07522	8.8 %	✓	0.0370200	72.6947	0.0405897	28.4007	8.73420	888.7 ± 58.5	44.15	2.23	0.168 ± 0.008
13D07524	9.3 %	✓	0.0440076	86.8675	0.0793068	26.9777	8.35580	895.0 ± 64.5	38.93	2.11	0.134 ± 0.006
13D07525	9.9 %		0.0556526	111.5501	0.0497364	27.7379	8.35706	870.6 ± 68.1	33.55	2.17	0.107 ± 0.003
13D07526	10.5 %		0.0608362	120.4173	0.1005218	24.5548	6.91746	814.1 ± 77.7	27.68	1.92	0.088 ± 0.003
13D07528	11.2 %		0.0671909	140.5507	0.0534410	22.3195	6.89575	892.8 ± 90.6	25.70	1.75	0.068 ± 0.002
13D07529	11.9 %		0.0727877	164.3571	0.0606729	19.6168	5.66635	834.7 ± 107.6	20.79	1.54	0.051 ± 0.001
13D07530	12.8 %		0.1042293	254.3813	0.1145532	21.8117	6.15161	815.0 ± 106.9	16.61	1.71	0.037 ± 0.001
13D07532	13.9 %		0.0832886	233.9469	0.1605915	15.4200	5.91339	1108.1 ± 142.1	19.33	1.21	0.028 ± 0.001
13D07533	15.2 %		0.1081631	300.0881	0.0737473	16.5744	5.45229	950.6 ± 150.9	14.55	1.30	0.024 ± 0.000
13D07534	16.7 %		0.1246150	315.2721	0.0917621	15.7366	4.38135	804.6 ± 158.3	10.62	1.23	0.021 ± 0.000
13D07536	18.2 %		0.1248607	297.8050	0.0450863	11.6641	3.32104	822.8 ± 209.3	8.25	0.91	0.017 ± 0.000
13D07537	19.7 %		0.1177287	259.6457	0.0967699	6.9282	3.37577	1407.8 ± 344.3	8.84	0.54	0.011 ± 0.000
13D07539	21.2 %		0.1063419	155.4003	0.0000000	3.7117	1.31633	1024.8 ± 555.0	4.02	0.29	0.010 ± 0.000
		Σ	2.9030243	4016.6740	1.2158240	1275.5969	440.84406				

Information on Analysis

Project = **BALBAS (13-19)**
Sample = **44A-ARGON-5**
Material = **Groundmass**
Location = **Floreana Island**
Region = **Galapagos**
Analyst = **Andrea Balbas**
Irradiation = **13-OSU-05**
J = **0.00159842 ± 0.00000264**
FCT-3 = **28.201 ± 0.023 Ma**

Results	40(r)/39(k) ± 2σ		Age ± 2σ (Ka)		MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	0.32265	± 0.00385	**932.3**	**± 11.6**	2.28	67.99	0.230 ± 0.038
Error Mean		± 1.19%		**± 1.24%**	0%	16	
			Full External Error	± 24.0	1.73	2σ Confidence Limit	
			Analytical Error	± 11.1	1.5094	Error Magnification	
Total Fusion Age	0.34560	± 0.00337	**998.7**	**± 10.3**		34	0.137 ± 0.001
		± 0.97%		**± 1.03%**			
			Full External Error	± 24.8			
			Analytical Error	± 9.7			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
13D07494	1.8 %		20.12 ± 0.18	318.06 ± 2.28	0.8016
13D07496	2.0 %		89.75 ± 1.19	350.87 ± 4.45	0.9186
13D07497	2.2 %		216.06 ± 5.18	405.35 ± 9.76	0.9534
13D07498	2.4 %		545.72 ± 18.83	519.85 ± 18.23	0.9742
13D07500	2.7 %		912.24 ± 46.32	645.37 ± 33.17	0.9839
13D07501	3.0 %		1496.45 ± 77.13	830.59 ± 43.16	0.9902
13D07502	3.3 %		1634.32 ± 101.65	870.57 ± 54.63	0.9896
13D07504	3.6 %	✓	2344.85 ± 144.92	1082.17 ± 67.25	0.9935
13D07505	3.9 %	✓	2852.29 ± 210.81	1236.43 ± 91.77	0.9951
13D07506	4.2 %	✓	3195.31 ± 286.57	1357.13 ± 122.13	0.9961
13D07508	4.5 %	✓	3325.22 ± 283.50	1366.34 ± 116.86	0.9963
13D07509	4.8 %	✓	3778.34 ± 356.85	1522.58 ± 144.20	0.9968
13D07510	5.1 %	✓	3445.70 ± 297.15	1406.11 ± 121.60	0.9967
13D07512	5.4 %	✓	3029.89 ± 268.91	1257.64 ± 112.08	0.9953
13D07513	5.7 %	✓	2570.77 ± 223.44	1126.74 ± 98.40	0.9946
13D07514	6.1 %	✓	1976.43 ± 128.35	922.36 ± 60.29	0.9925
13D07516	6.5 %	✓	1876.42 ± 107.68	896.00 ± 51.75	0.9925
13D07517	6.9 %	✓	1706.18 ± 115.00	829.57 ± 56.42	0.9897
13D07518	7.3 %	✓	1351.96 ± 76.60	713.68 ± 40.91	0.9863
13D07520	7.8 %	✓	1161.85 ± 65.02	655.51 ± 37.14	0.9852
13D07521	8.3 %	✓	930.45 ± 42.12	587.12 ± 26.94	0.9832
13D07522	8.8 %	✓	767.17 ± 37.66	531.43 ± 26.61	0.9750
13D07524	9.3 %	✓	613.02 ± 26.71	485.37 ± 21.59	0.9722
13D07525	9.9 %		498.41 ± 18.88	445.66 ± 17.21	0.9715
13D07526	10.5 %		403.62 ± 14.17	409.21 ± 14.67	0.9666
13D07528	11.2 %		332.18 ± 11.27	398.13 ± 13.74	0.9666
13D07529	11.9 %		269.51 ± 8.89	373.35 ± 12.49	0.9614
13D07530	12.8 %		209.27 ± 5.39	354.52 ± 9.19	0.9598
13D07532	13.9 %		185.14 ± 5.61	366.50 ± 11.13	0.9524
13D07533	15.2 %		153.24 ± 4.13	345.91 ± 9.29	0.9549
13D07534	16.7 %		126.28 ± 2.98	330.66 ± 7.70	0.9424
13D07536	18.2 %		93.42 ± 2.23	322.10 ± 7.34	0.9067
13D07537	19.7 %		58.85 ± 1.58	324.17 ± 7.64	0.8318
13D07539	21.2 %		34.90 ± 1.17	307.88 ± 6.96	0.6209

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ka)	MSWD
Normal Isochron	**279.23 ± 12.26 ± 4.39%**	0.32921 ± 0.00631 ± 1.92%	**951.3 ± 18.5 ± 1.95%**	1.58 8%
			Full External Error ± 28.4	
			Analytical Error ± 18.2	

Statistics				
	2σ Confidence Limit	1.76	Convergence	0.000003117622
	Error Magnification	1.2587	Number of Iterations	42
	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.
13D07494	1.8 %		0.0632640 ± 0.0003342	0.00314405 ± 0.00002251	0.0147
13D07496	2.0 %		0.2557910 ± 0.0013458	0.00285004 ± 0.00003613	0.0949
13D07497	2.2 %		0.5330213 ± 0.0039107	0.00246702 ± 0.00005942	0.1648
13D07498	2.4 %		1.0497680 ± 0.0083167	0.00192365 ± 0.00006746	0.1831
13D07500	2.7 %		1.4135142 ± 0.0129998	0.00154950 ± 0.00007965	0.1576
13D07501	3.0 %		1.8016677 ± 0.0130789	0.00120396 ± 0.00006256	0.1267
13D07502	3.3 %		1.8772854 ± 0.0169758	0.00114867 ± 0.00007208	0.1333
13D07504	3.6 %	✓	2.1667939 ± 0.0153300	0.00092407 ± 0.00005742	0.1047
13D07505	3.9 %	✓	2.3068734 ± 0.0169377	0.00080878 ± 0.00006003	0.0919
13D07506	4.2 %	✓	2.3544605 ± 0.0187466	0.00073685 ± 0.00006631	0.0828
13D07508	4.5 %	✓	2.4336640 ± 0.0178609	0.00073188 ± 0.00006260	0.0801
13D07509	4.8 %	✓	2.4815346 ± 0.0187750	0.00065678 ± 0.00006220	0.0747
13D07510	5.1 %	✓	2.4505100 ± 0.0171295	0.00071118 ± 0.00006150	0.0752
13D07512	5.4 %	✓	2.4091833 ± 0.0208436	0.00079514 ± 0.00007086	0.0913
13D07513	5.7 %	✓	2.2816008 ± 0.0206769	0.00088752 ± 0.00007751	0.0974
13D07514	6.1 %	✓	2.1428043 ± 0.0171398	0.00108418 ± 0.00007086	0.1140
13D07516	6.5 %	✓	2.0942227 ± 0.0148259	0.00111607 ± 0.00006446	0.1131
13D07517	6.9 %	✓	2.0566874 ± 0.0199764	0.00120544 ± 0.00008198	0.1335
13D07518	7.3 %	✓	1.8943378 ± 0.0178950	0.00140118 ± 0.00008032	0.1523
13D07520	7.8 %	✓	1.7724305 ± 0.0172010	0.00152552 ± 0.00008643	0.1565
13D07521	8.3 %	✓	1.5847790 ± 0.0132914	0.00170324 ± 0.00007814	0.1643
13D07522	8.8 %	✓	1.4435946 ± 0.0160529	0.00188171 ± 0.00009423	0.1990
13D07524	9.3 %	✓	1.2629997 ± 0.0131562	0.00206028 ± 0.00009163	0.2029
13D07525	9.9 %		1.1183565 ± 0.0102387	0.00224384 ± 0.00008662	0.1975
13D07526	10.5 %		0.9863510 ± 0.0090687	0.00244376 ± 0.00008759	0.2064
13D07528	11.2 %		0.8343517 ± 0.0073901	0.00251175 ± 0.00008668	0.1939
13D07529	11.9 %		0.7218668 ± 0.0066689	0.00267847 ± 0.00008957	0.1866
13D07530	12.8 %		0.5902819 ± 0.0043251	0.00282072 ± 0.00007312	0.1648
13D07532	13.9 %		0.5051573 ± 0.0047324	0.00272852 ± 0.00008289	0.1611
13D07533	15.2 %		0.4429938 ± 0.0035813	0.00289094 ± 0.00007768	0.1383
13D07534	16.7 %		0.3819094 ± 0.0030385	0.00302426 ± 0.00007038	0.1342
13D07536	18.2 %		0.2900264 ± 0.0029354	0.00310465 ± 0.00007073	0.1162
13D07537	19.7 %		0.1815341 ± 0.0027131	0.00308476 ± 0.00007272	0.0838
13D07539	21.2 %		0.1133686 ± 0.0029887	0.00324804 ± 0.00007338	0.0667

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ka)	MSWD
Inverse Isochron	**279.04 ± 12.76 ± 4.57%**	0.33006 ± 0.00651 ± 1.97%	**953.8 ± 19.1 ± 2.00%** Full External Error ± 28.8 Analytical Error ± 18.8	1.71 5%

Statistics				
	2σ Confidence Limit	1.76	Convergence	0.0046944622
	Error Magnification	1.3078	Number of Iterations	3
	Number of Data Points	16	Calculated Line	Weighted York-2
	Spreading Factor	40.2%		

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
13D07494	1.8 %		0.9422589	0.36	0.0000000	0.00	0.0072433	6.56	0.0000000	0.00	27.1996	6.56	0.1761082	0.36	0.0000000	0.00	0.228107	0.31	0.0019529	14.40	0.0000000	0.00	18.9600	0.26	0.0183761	6.69	21.25817	4.69	278.43751	0.36	0.0000000	0.00	0.0724839	2.67
13D07496	2.0 %		0.2335384	0.62	0.0000000	0.00	0.0071839	6.23	0.0000009	######	26.9768	6.22	0.0436483	0.62	0.0000000	0.00	0.252171	0.28	0.0019369	14.25	0.0028626	######	20.9601	0.23	0.0182255	6.36	12.93166	3.41	69.01061	0.62	0.0000000	0.00	0.0801304	2.67
13D07497	2.2 %		0.0933671	1.17	0.0000000	0.00	0.0072157	6.34	0.0000176	68.53	27.0960	6.34	0.0174503	1.17	0.0000000	0.00	0.242699	0.30	0.0019455	14.30	0.0590011	68.53	20.1728	0.25	0.0183061	6.48	10.25615	3.31	27.58999	1.17	0.0000000	0.00	0.0771206	2.67
13D07498	2.4 %		0.0551704	1.72	0.0000000	0.00	0.0109315	4.01	0.0000060	189.61	41.0496	4.01	0.0103114	1.72	0.0000000	0.00	0.362223	0.24	0.0029474	13.43	0.0201393	189.61	30.1075	0.17	0.0277331	4.22	12.37727	2.41	16.30287	1.72	0.0000000	0.00	0.1151009	2.67
13D07500	2.7 %		0.0371086	2.53	0.0000000	0.00	0.0123314	3.76	0.0000079	140.12	46.3063	3.76	0.0069356	2.53	0.0000000	0.00	0.407273	0.23	0.0033248	13.36	0.0263301	140.13	33.8519	0.16	0.0312845	3.98	12.98317	2.28	10.96560	2.53	0.0000000	0.00	0.1294159	2.66
13D07501	3.0 %		0.0357933	2.57	0.0000000	0.00	0.0188639	2.42	0.0000000	0.00	70.8369	2.41	0.0066898	2.57	0.0000000	0.00	0.644414	0.19	0.0050861	13.04	0.0000000	0.00	53.5628	0.11	0.0478574	2.75	19.15265	1.52	10.57692	2.57	0.0000000	0.00	0.2047706	2.66
13D07502	3.3 %		0.0272712	3.11	0.0000000	0.00	0.0155942	2.98	0.0000000	0.00	58.5589	2.97	0.0050970	3.11	0.0000000	0.00	0.536220	0.20	0.0042045	13.16	0.0000000	0.00	44.5698	0.12	0.0395624	3.25	15.68299	1.73	8.05864	3.11	0.0000000	0.00	0.1703904	2.66
13D07504	3.6 %	✓	0.0281556	3.09	0.0000000	0.00	0.0244048	1.94	0.0000000	0.00	91.6441	1.94	0.0052623	3.09	0.0000000	0.00	0.794293	0.19	0.0065800	12.97	0.0000000	0.00	66.0206	0.10	0.0619147	2.34	22.14926	1.25	8.31998	3.09	0.0000000	0.00	0.2523966	2.66
13D07505	3.9 %	✓	0.0234882	3.69	0.0000000	0.00	0.0238631	2.01	0.0000000	0.00	89.6097	2.00	0.0043899	3.69	0.0000000	0.00	0.806017	0.19	0.0064340	12.98	0.0000000	0.00	66.9950	0.10	0.0605403	2.40	22.10074	1.25	6.94075	3.69	0.0000000	0.00	0.2561220	2.66
13D07506	4.2 %	✓	0.0197586	4.48	0.0000000	0.00	0.0221792	2.09	0.0000000	0.00	83.2866	2.09	0.0036929	4.48	0.0000000	0.00	0.759577	0.19	0.0059800	12.99	0.0000000	0.00	63.1350	0.10	0.0562684	2.47	20.97638	1.34	5.83867	4.48	0.0000000	0.00	0.2413650	2.66
13D07508	4.5 %	✓	0.0210208	4.26	0.0000000	0.00	0.0243680	1.90	0.0000000	0.00	91.5060	1.89	0.0039288	4.26	0.0000000	0.00	0.840954	0.19	0.0065701	12.96	0.0000000	0.00	69.8989	0.09	0.0618214	2.31	22.51003	1.26	6.21166	4.26	0.0000000	0.00	0.2672237	2.66
13D07509	4.8 %	✓	0.0184135	4.72	0.0000000	0.00	0.0244096	1.93	0.0000000	0.00	91.6622	1.92	0.0034415	4.72	0.0000000	0.00	0.837027	0.19	0.0065813	12.96	0.0000000	0.00	69.5725	0.10	0.0619270	2.33	22.59488	1.22	5.44120	4.72	0.0000000	0.00	0.2659757	2.66
13D07510	5.1 %	✓	0.0217895	4.31	0.0000000	0.00	0.0262535	1.85	0.0000000	0.00	98.5864	1.84	0.0040725	4.31	0.0000000	0.00	0.903289	0.18	0.0070785	12.95	0.0000000	0.00	75.0801	0.09	0.0666049	2.27	24.19976	1.22	6.43880	4.31	0.0000000	0.00	0.2870312	2.66
13D07512	5.4 %	✓	0.0194465	4.44	0.0000000	0.00	0.0211276	2.10	0.0000000	0.00	79.3376	2.09	0.0036345	4.44	0.0000000	0.00	0.708875	0.19	0.0056964	12.99	0.0000000	0.00	58.9207	0.11	0.0536005	2.47	18.71027	1.47	5.74644	4.44	0.0000000	0.00	0.2252538	2.66
13D07513	5.7 %	✓	0.0208382	4.34	0.0000000	0.00	0.0185133	2.53	0.0000000	0.00	69.5203	2.53	0.0038947	4.34	0.0000000	0.00	0.644504	0.20	0.0049916	13.07	0.0000000	0.00	53.5703	0.11	0.0469679	2.85	17.32155	1.66	6.15770	4.34	0.0000000	0.00	0.2047991	2.66
13D07514	6.1 %	✓	0.0289185	3.25	0.0000000	0.00	0.0216665	2.22	0.0000000	0.00	81.3613	2.22	0.0054049	3.25	0.0000000	0.00	0.687637	0.19	0.0058417	13.01	0.0000000	0.00	57.1554	0.10	0.0549677	2.58	18.12775	1.63	8.54543	3.25	0.0000000	0.00	0.2185051	2.66
13D07516	6.5 %	✓	0.0335776	2.87	0.0000000	0.00	0.0261371	1.76	0.0000161	70.94	98.1490	1.75	0.0062757	2.87	0.0000000	0.00	0.758023	0.19	0.0070471	12.94	0.0539936	70.95	63.0058	0.10	0.0663095	2.19	20.16333	1.50	9.92219	2.87	0.0000000	0.00	0.2408711	2.66
13D07517	6.9 %	✓	0.0264059	3.37	0.0000000	0.00	0.0194204	2.34	0.0000119	103.60	72.9268	2.34	0.0049353	3.37	0.0000000	0.00	0.542035	0.20	0.0052361	13.03	0.0396615	103.60	45.0532	0.12	0.0492694	2.68	14.10276	2.00	7.80296	3.37	0.0000000	0.00	0.1722384	2.66
13D07518	7.3 %	✓	0.0317871	2.83	0.0000000	0.00	0.0211517	2.17	0.0000096	128.34	79.4279	2.17	0.0059410	2.83	0.0000000	0.00	0.517030	0.21	0.0057029	13.00	0.0319827	128.34	42.9748	0.13	0.0536615	2.54	13.29282	2.14	9.39309	2.83	0.0000000	0.00	0.1642926	2.66
13D07520	7.8 %	✓	0.0337946	2.79	0.0000000	0.00	0.0212992	2.11	0.0000045	263.58	79.9820	2.11	0.0063162	2.79	0.0000000	0.00	0.472389	0.21	0.0057427	12.99	0.0150744	263.59	39.2643	0.14	0.0540359	2.49	12.16652	2.44	9.98629	2.79	0.0000000	0.00	0.1501075	2.66
13D07521	8.3 %	✓	0.0443993	2.26	0.0000000	0.00	0.0262767	1.77	0.0000000	0.00	98.6732	1.76	0.0082982	2.26	0.0000000	0.00	0.497017	0.21	0.0070847	12.94	0.0000000	0.00	41.3113	0.13	0.0666636	2.20	12.94759	2.43	13.11998	2.26	0.0000000	0.00	0.1579333	2.66
13D07522	8.8 %	✓	0.0370200	2.45	0.0000000	0.00	0.0193586	2.39	0.0000121	97.39	72.6947	2.39	0.0069190	2.45	0.0000000	0.00	0.341689	0.24	0.0052195	13.04	0.0405897	97.40	28.4007	0.18	0.0491125	2.73	8.73420	3.29	10.93940	2.45	0.0000000	0.00	0.1085759	2.67
13D07524	9.3 %	✓	0.0440076	2.17	0.0000000	0.00	0.0231328	2.11	0.0000237	48.85	86.8675	2.10	0.0082250	2.17	0.0000000	0.00	0.324569	0.25	0.0062371	12.99	0.0793068	48.86	26.9777	0.19	0.0586877	2.48	8.35580	3.60	13.00423	2.17	0.0000000	0.00	0.1031358	2.67
13D07525	9.9 %		0.0556526	1.88	0.0000000	0.00	0.0297058	1.62	0.0000149	79.38	111.5501	1.61	0.0104015	1.88	0.0000000	0.00	0.333715	0.25	0.0080093	12.92	0.0497364	79.39	27.7379	0.19	0.0753633	2.09	8.35706	3.91	16.44533	1.88	0.0000000	0.00	0.1060421	2.67
13D07526	10.5 %		0.0608362	1.74	0.0000000	0.00	0.0320671	1.60	0.0000301	40.38	120.4173	1.59	0.0113703	1.74	0.0000000	0.00	0.295419	0.26	0.0086460	12.92	0.1005218	40.39	24.5548	0.20	0.0813539	2.07	6.91746	4.77	17.97711	1.74	0.0000000	0.00	0.0938729	2.67
13D07528	11.2 %		0.0671909	1.68	0.0000000	0.00	0.0374287	1.37	0.0000160	73.90	140.5507	1.37	0.0125580	1.68	0.0000000	0.00	0.268525	0.27	0.0100915	12.89	0.0534410	73.91	22.3195	0.22	0.0949561	1.90	6.89575	5.07	19.85490	1.68	0.0000000	0.00	0.0853273	2.67
13D07529	11.9 %		0.0727877	1.63	0.0000000	0.00	0.0437683	1.23	0.0000181	65.16	164.3571	1.23	0.0136040	1.63	0.0000000	0.00	0.236010	0.31	0.0118008	12.88	0.0606729	65.16	19.6168	0.26	0.1110396	1.80	5.66635	6.44	21.50875	1.63	0.0000000	0.00	0.0749950	2.67
13D07530	12.8 %		0.1042293	1.27	0.0000000	0.00	0.0677417	0.87	0.0000343	34.52	254.3813	0.86	0.0194804	1.27	0.0000000	0.00	0.262417	0.29	0.0182646	12.85	0.1145532	34.53	21.8117	0.24	0.1718600	1.57	6.15161	6.56	30.79975	1.27	0.0000000	0.00	0.0833862	2.67
13D07532	13.9 %		0.0832886	1.48	0.0000000	0.00	0.0623001	0.92	0.0000480	25.61	233.9469	0.91	0.0155666	1.48	0.0000000	0.00	0.185518	0.36	0.0167974	12.85	0.1605915	25.62	15.4200	0.32	0.1580545	1.60	5.91339	6.41	24.61178	1.48	0.0000000	0.00	0.0589507	2.68
13D07533	15.2 %		0.1081631	1.32	0.0000000	0.00	0.0799135	0.82	0.0000221	56.87	300.0881	0.81	0.0202157	1.32	0.0000000	0.00	0.199406	0.34	0.0215463	12.85	0.0737473	56.88	16.5744	0.30	0.2027395	1.55	5.45229	7.94	31.96221	1.32	0.0000000	0.00	0.0633639	2.68
13D07534	16.7 %		0.1246150	1.14	0.0000000	0.00	0.0839570	0.83	0.0000275	46.80	315.2721	0.81	0.0232905	1.14	0.0000000	0.00	0.189327	0.35	0.0226365	12.85	0.0917621	46.81	15.7366	0.31	0.2129978	1.55	4.38135	9.84	36.82374	1.14	0.0000000	0.00	0.0601611	2.68
13D07536	18.2 %		0.1248607	1.11	0.0000000	0.00	0.0793055	0.85	0.0000135	89.45	297.8050	0.83	0.0233365	1.11	0.0000000	0.00	0.140331	0.46	0.0213824	12.85	0.0450863	89.46	11.6641	0.43	0.2011971	1.56	3.32104	12.72	36.89633	1.11	0.0000000	0.00	0.0445918	2.70
13D07537	19.7 %		0.1177287	1.15	0.0000000	0.00	0.0691436	0.86	0.0000290	40.15	259.6457	0.85	0.0220035	1.15	0.0000000	0.00	0.083353	0.71	0.0186426	12.85	0.0967699	40.16	6.9282	0.70	0.1754166	1.57	3.37577	12.21	34.78882	1.15	0.0000000	0.00	0.0264864	2.75
13D07539	21.2 %		0.1063419	1.08	0.0000000	0.00	0.0413831	1.22	0.0000000	0.00	155.4003	1.22	0.0198753	1.08	0.0000000	0.00	0.044656	1.29	0.0111577	12.88	0.0000000	0.00	3.7117	1.28	0.1049884	1.79	1.31633	27.06	31.42404	1.08	0.0000000	0.00	0.0141899	2.95
		Σ	2.9030243	0.24	0.0000000	0.00	1.0696403	0.27	0.0003637	14.65	4016.6740	0.27	0.5425752	0.24	0.0000000	0.00	15.346706	0.04	0.2883972	2.68	1.2158240	14.65	1275.5969	0.03	2.7136650	0.39	440.84406	0.49	857.84368	0.24	0.0000000	0.00	4.8766069	0.52
		Σ							3.9730282	0.19	4016.6740	0.27									17.393502	1.03			1278.3105	0.03							1303.5643	0.23

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
13D07494	1.8 %		15.795286	0.041662	1.433193	0.094041	0.050031	0.000218	183.904	37.899696	1.00129935	1.439E-11
13D07496	2.0 %		3.909865	0.010274	1.285938	0.080089	0.011475	0.000071	183.922	37.912694	1.00129948	3.937E-12
13D07497	2.2 %		1.878216	0.006878	1.341978	0.085185	0.004982	0.000051	183.930	37.918935	1.00129953	1.820E-12
13D07498	2.4 %		0.955534	0.003771	1.362179	0.054669	0.002194	0.000028	183.938	37.925177	1.00129959	1.382E-12
13D07500	2.7 %		0.710623	0.003250	1.366645	0.051422	0.001459	0.000024	183.956	37.938185	1.00129972	1.156E-12
13D07501	3.0 %		0.558365	0.002011	1.321322	0.031891	0.001020	0.000015	183.965	37.944950	1.00129978	1.437E-12
13D07502	3.3 %		0.536031	0.002405	1.312703	0.039082	0.000961	0.000016	183.973	37.951197	1.00129984	1.148E-12
13D07504	3.6 %	✓	0.464898	0.001629	1.386813	0.026877	0.000795	0.000011	183.990	37.964213	1.00129996	1.475E-12
13D07505	3.9 %	✓	0.436915	0.001588	1.336349	0.026775	0.000706	0.000011	183.999	37.970462	1.00130002	1.406E-12
13D07506	4.2 %	✓	0.428167	0.001687	1.318009	0.027549	0.000664	0.000012	184.008	37.977234	1.00130008	1.299E-12
13D07508	4.5 %	✓	0.414360	0.001504	1.307962	0.024770	0.000649	0.000011	184.025	37.990259	1.00130021	1.391E-12
13D07509	4.8 %	✓	0.406438	0.001521	1.316334	0.025308	0.000615	0.000011	184.033	37.996513	1.00130027	1.358E-12
13D07510	5.1 %	✓	0.411536	0.001422	1.311919	0.024208	0.000639	0.000011	184.042	38.003289	1.00130033	1.484E-12
13D07512	5.4 %	✓	0.418521	0.001792	1.345292	0.028166	0.000688	0.000013	184.059	38.015801	1.00130045	1.185E-12
13D07513	5.7 %	✓	0.441724	0.001983	1.296604	0.032797	0.000734	0.000014	184.068	38.022581	1.00130051	1.137E-12
13D07514	6.1 %	✓	0.470049	0.001863	1.422143	0.031559	0.000884	0.000014	184.076	38.028840	1.00130057	1.291E-12
13D07516	6.5 %	✓	0.480821	0.001686	1.556140	0.027296	0.000947	0.000013	184.094	38.041883	1.00130069	1.456E-12
13D07517	6.9 %	✓	0.489506	0.002358	1.616914	0.037845	0.001016	0.000017	184.102	38.048145	1.00130075	1.060E-12
13D07518	7.3 %	✓	0.531049	0.002489	1.845940	0.040123	0.001231	0.000018	184.111	38.054930	1.00130082	1.097E-12
13D07520	7.8 %	✓	0.567239	0.002733	2.034216	0.042947	0.001401	0.000021	184.128	38.067982	1.00130094	1.071E-12
13D07521	8.3 %	✓	0.633803	0.002641	2.384678	0.042092	0.001708	0.000022	184.137	38.074249	1.00130100	1.259E-12
13D07522	8.8 %	✓	0.695336	0.003845	2.555190	0.061162	0.001982	0.000028	184.146	38.081039	1.00130106	9.495E-13
13D07524	9.3 %	✓	0.793862	0.004115	3.212984	0.067799	0.002484	0.000031	184.162	38.093577	1.00130118	1.030E-12
13D07525	9.9 %		0.895559	0.004081	4.010679	0.065174	0.003070	0.000034	184.172	38.100370	1.00130124	1.196E-12
13D07526	10.5 %		1.014300	0.004644	4.887831	0.078250	0.003772	0.000038	184.180	38.106642	1.00130130	1.199E-12
13D07528	11.2 %		1.197265	0.005282	6.270554	0.086744	0.004668	0.000046	184.197	38.119712	1.00130142	1.288E-12
13D07529	11.9 %		1.381301	0.006355	8.331222	0.104376	0.005909	0.000056	184.206	38.126510	1.00130149	1.308E-12
13D07530	12.8 %		1.684655	0.006139	11.571426	0.103028	0.007824	0.000057	184.215	38.132786	1.00130155	1.778E-12
13D07532	13.9 %		1.963281	0.009136	15.017707	0.145026	0.009349	0.000076	184.232	38.145864	1.00130167	1.468E-12
13D07533	15.2 %		2.233866	0.008953	17.886735	0.153272	0.011212	0.000082	184.240	38.152144	1.00130173	1.799E-12
13D07534	16.7 %		2.587226	0.010188	19.766761	0.171364	0.013079	0.000087	184.249	38.158948	1.00130179	1.981E-12
13D07536	18.2 %		3.393254	0.016928	25.098826	0.235001	0.017208	0.000126	184.266	38.171512	1.00130191	1.933E-12
13D07537	19.7 %		5.376306	0.039257	36.551324	0.396070	0.026311	0.000247	184.275	38.178319	1.00130197	1.833E-12
13D07539	21.2 %		8.581867	0.110106	40.715699	0.707956	0.038705	0.000553	184.292	38.191413	1.00130210	1.572E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
13D07494	1.8 %	0.0195116 ± 0.0003827	0.0210859 ± 0.0309975	0.0316481 ± 0.0275771	0.0169663 ± 0.0394446	5.8004939 ± 0.0985401
13D07496	2.0 %	0.0202539 ± 0.0003827	0.0008784 ± 0.0309975	0.0408942 ± 0.0275771	0.0296976 ± 0.0394446	5.8845180 ± 0.0985401
13D07497	2.2 %	0.0205219 ± 0.0003827	0.0087992 ± 0.0309975	0.0435765 ± 0.0275771	0.0341665 ± 0.0394446	5.9176101 ± 0.0985401
13D07498	2.4 %	0.0207393 ± 0.0003827	0.0152057 ± 0.0309975	0.0453166 ± 0.0275771	0.0376934 ± 0.0394446	5.9462797 ± 0.0985401
13D07500	2.7 %	0.0210490 ± 0.0003827	0.0242554 ± 0.0309975	0.0464967 ± 0.0275771	0.0423883 ± 0.0394446	5.9926872 ± 0.0985401
13D07501	3.0 %	0.0211437 ± 0.0003827	0.0269608 ± 0.0309975	0.0460979 ± 0.0275771	0.0436053 ± 0.0394446	6.0101889 ± 0.0985401
13D07502	3.3 %	0.0211967 ± 0.0003827	0.0284132 ± 0.0309975	0.0452791 ± 0.0275771	0.0440957 ± 0.0394446	6.0226132 ± 0.0985401
13D07504	3.6 %	0.0212179 ± 0.0003827	0.0287086 ± 0.0309975	0.0426369 ± 0.0275771	0.0434824 ± 0.0394446	6.0379095 ± 0.0985401
13D07505	3.9 %	0.0211926 ± 0.0003827	0.0277580 ± 0.0309975	0.0411120 ± 0.0275771	0.0425431 ± 0.0394446	6.0406027 ± 0.0985401
13D07506	4.2 %	0.0211443 ± 0.0003827	0.0260822 ± 0.0309975	0.0394011 ± 0.0275771	0.0411507 ± 0.0394446	6.0404426 ± 0.0985401
13D07508	4.5 %	0.0210045 ± 0.0003827	0.0213858 ± 0.0309975	0.0362607 ± 0.0275771	0.0376385 ± 0.0394446	6.0320947 ± 0.0985401
13D07509	4.8 %	0.0209215 ± 0.0003827	0.0186237 ± 0.0309975	0.0349531 ± 0.0275771	0.0356747 ± 0.0394446	6.0247792 ± 0.0985401
13D07510	5.1 %	0.0208237 ± 0.0003827	0.0153824 ± 0.0309975	0.0337625 ± 0.0275771	0.0334191 ± 0.0394446	6.0147628 ± 0.0985401
13D07512	5.4 %	0.0206317 ± 0.0003827	0.0090160 ± 0.0309975	0.0323457 ± 0.0275771	0.0290833 ± 0.0394446	5.9914470 ± 0.0985401
13D07513	5.7 %	0.0205262 ± 0.0003827	0.0055110 ± 0.0309975	0.0320695 ± 0.0275771	0.0267306 ± 0.0394446	5.9766990 ± 0.0985401
13D07514	6.1 %	0.0204304 ± 0.0003827	0.0023237 ± 0.0309975	0.0321489 ± 0.0275771	0.0246042 ± 0.0394446	5.9620678 ± 0.0985401
13D07516	6.5 %	0.0202426 ± 0.0003827	0.0039379 ± 0.0309975	0.0333806 ± 0.0275771	0.0204415 ± 0.0394446	5.9294092 ± 0.0985401
13D07517	6.9 %	0.0201608 ± 0.0003827	0.0066664 ± 0.0309975	0.0344800 ± 0.0275771	0.0186223 ± 0.0394446	5.9131423 ± 0.0985401
13D07518	7.3 %	0.0200800 ± 0.0003827	0.0093578 ± 0.0309975	0.0360251 ± 0.0275771	0.0168133 ± 0.0394446	5.8954283 ± 0.0985401
13D07520	7.8 %	0.0199511 ± 0.0003827	0.0136137 ± 0.0309975	0.0399247 ± 0.0275771	0.0138732 ± 0.0394446	5.8620976 ± 0.0985401
13D07521	8.3 %	0.0199027 ± 0.0003827	0.0151711 ± 0.0309975	0.0421597 ± 0.0275771	0.0127351 ± 0.0394446	5.8469128 ± 0.0985401
13D07522	8.8 %	0.0198608 ± 0.0003827	0.0164721 ± 0.0309975	0.0447796 ± 0.0275771	0.0117105 ± 0.0394446	5.8314047 ± 0.0985401
13D07524	9.3 %	0.0198119 ± 0.0003827	0.0177664 ± 0.0309975	0.0499302 ± 0.0275771	0.0103894 ± 0.0394446	5.8062801 ± 0.0985401
13D07525	9.9 %	0.0198005 ± 0.0003827	0.0178528 ± 0.0309975	0.0527411 ± 0.0275771	0.0099728 ± 0.0394446	5.7950875 ± 0.0985401
13D07526	10.5 %	0.0197987 ± 0.0003827	0.0175488 ± 0.0309975	0.0552439 ± 0.0275771	0.0097626 ± 0.0394446	5.7865810 ± 0.0985401
13D07528	11.2 %	0.0198191 ± 0.0003827	0.0157634 ± 0.0309975	0.0597929 ± 0.0275771	0.0097996 ± 0.0394446	5.7754921 ± 0.0985401
13D07529	11.9 %	0.0198403 ± 0.0003827	0.0142511 ± 0.0309975	0.0615756 ± 0.0275771	0.0100286 ± 0.0394446	5.7738077 ± 0.0985401
13D07530	12.8 %	0.0198646 ± 0.0003827	0.0125286 ± 0.0309975	0.0627149 ± 0.0275771	0.0103344 ± 0.0394446	5.7750609 ± 0.0985401
13D07532	13.9 %	0.0199234 ± 0.0003827	0.0080515 ± 0.0309975	0.0630054 ± 0.0275771	0.0111366 ± 0.0394446	5.7873504 ± 0.0985401
13D07533	15.2 %	0.0199521 ± 0.0003827	0.0055449 ± 0.0309975	0.0618789 ± 0.0275771	0.0115324 ± 0.0394446	5.7983774 ± 0.0985401
13D07534	16.7 %	0.0199804 ± 0.0003827	0.0026284 ± 0.0309975	0.0595180 ± 0.0275771	0.0119112 ± 0.0394446	5.8144387 ± 0.0985401
13D07536	18.2 %	0.0200162 ± 0.0003827	0.0031116 ± 0.0309975	0.0514210 ± 0.0275771	0.0122960 ± 0.0394446	5.8563092 ± 0.0985401
13D07537	19.7 %	0.0200209 ± 0.0003827	0.0062922 ± 0.0309975	0.0446440 ± 0.0275771	0.0122257 ± 0.0394446	5.8861482 ± 0.0985401
13D07539	21.2 %	0.0199860 ± 0.0003827	0.0122118 ± 0.0309975	0.0259246 ± 0.0275771	0.0112441 ± 0.0394446	5.9590027 ± 0.0985401

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)
13D07494	1.8 %	0.9362054 ± 0.0021573	0.8964	EXP 150 of 150	0.7258183 ± 0.0340425	0.0184	EXP 150 of 150	0.3451342 ± 0.0300166	0.0006	EXP 150 of 150	18.8567968 ± 0.0269233	0.9537	EXP 150 of 150	306.190583 ± 0.053302	0.9989	EXP 150 of 150
13D07496	2.0 %	0.2526593 ± 0.0011301	0.6020	EXP 150 of 150	0.6978417 ± 0.0302542	0.0144	EXP 150 of 150	0.2561059 ± 0.0260926	0.0006	EXP 149 of 150	20.8549172 ± 0.0241546	0.9698	EXP 150 of 150	88.077088 ± 0.030991	0.9822	EXP 150 of 150
13D07497	2.2 %	0.1176463 ± 0.0008461	0.0827	EXP 150 of 150	0.6928927 ± 0.0317012	0.0226	EXP 150 of 150	0.2736542 ± 0.0288773	0.0270	EXP 150 of 150	20.0779128 ± 0.0276115	0.9560	EXP 150 of 150	43.919544 ± 0.027507	0.7875	EXP 150 of 150
13D07498	2.4 %	0.0845630 ± 0.0006955	0.0002	EXP 150 of 150	1.0476595 ± 0.0286493	0.0855	EXP 150 of 150	0.3455426 ± 0.0257178	0.0176	EXP 150 of 150	29.9529904 ± 0.0273597	0.9806	EXP 150 of 150	34.801262 ± 0.028001	0.9396	EXP 150 of 150
13D07500	2.7 %	0.0687883 ± 0.0006796	0.0054	EXP 150 of 150	1.1743077 ± 0.0320202	0.0625	EXP 149 of 150	0.3920236 ± 0.0238034	0.0110	EXP 149 of 150	33.6783161 ± 0.0291308	0.9829	EXP 150 of 150	30.120829 ± 0.031664	0.9464	EXP 150 of 150
13D07501	3.0 %	0.0739123 ± 0.0006584	0.0256	EXP 150 of 150	1.8062105 ± 0.0298266	0.0320	EXP 150 of 150	0.5545000 ± 0.0320574	0.0150	EXP 150 of 150	53.2629954 ± 0.0281141	0.9938	EXP 150 of 150	36.006628 ± 0.029439	0.9175	EXP 150 of 150
13D07502	3.3 %	0.0625810 ± 0.0005574	0.0640	EXP 149 of 150	1.4867671 ± 0.0316264	0.0377	EXP 150 of 150	0.4917030 ± 0.0298587	0.0159	EXP 150 of 150	44.3279072 ± 0.0258535	0.9924	EXP 150 of 150	29.984246 ± 0.031207	0.9474	EXP 150 of 150
13D07504	3.6 %	0.0719622 ± 0.0005765	0.0005	EXP 150 of 150	2.3417215 ± 0.0311723	0.1553	EXP 150 of 150	0.7162727 ± 0.0269460	0.0220	EXP 150 of 150	65.6436693 ± 0.0324852	0.9945	EXP 150 of 150	36.823287 ± 0.031251	0.8893	EXP 150 of 150
13D07505	3.9 %	0.0669076 ± 0.0005727	0.0486	EXP 150 of 150	2.2896701 ± 0.0320194	0.1451	EXP 150 of 150	0.7096030 ± 0.0289209	0.0146	EXP 150 of 150	66.6087212 ± 0.0307085	0.9952	EXP 150 of 150	35.398999 ± 0.029077	0.9176	EXP 149 of 150
13D07506	4.2 %	0.0616331 ± 0.0006110	0.0607	EXP 150 of 150	2.1274388 ± 0.0303043	0.0919	EXP 150 of 150	0.6773230 ± 0.0269776	0.0093	EXP 150 of 150	62.7711789 ± 0.0299972	0.9949	EXP 150 of 150	33.152986 ± 0.030925	0.9252	EXP 150 of 150
13D07508	4.5 %	0.0648251 ± 0.0006244	0.0286	EXP 150 of 150	2.3438505 ± 0.0294778	0.1595	EXP 150 of 150	0.7599388 ± 0.0244487	0.0214	EXP 150 of 150	69.4877869 ± 0.0289958	0.9961	EXP 150 of 150	35.081153 ± 0.025596	0.9307	EXP 150 of 150
13D07509	4.8 %	0.0622649 ± 0.0005838	0.0591	EXP 150 of 150	2.3502596 ± 0.0305947	0.1199	EXP 150 of 150	0.7845049 ± 0.0254965	0.0326	EXP 150 of 150	69.1618592 ± 0.0320871	0.9952	EXP 150 of 150	34.385552 ± 0.028218	0.9222	EXP 150 of 150
13D07510	5.1 %	0.0672067 ± 0.0006650	0.0495	EXP 150 of 150	2.5319928 ± 0.0323120	0.1404	EXP 150 of 150	0.8625309 ± 0.0269291	0.0676	EXP 149 of 150	74.6316371 ± 0.0307186	0.9962	EXP 150 of 150	37.004512 ± 0.030836	0.8571	EXP 150 of 150
13D07512	5.4 %	0.0598039 ± 0.0005953	0.0461	EXP 150 of 150	2.0403162 ± 0.0273229	0.2240	EXP 150 of 150	0.6201999 ± 0.0260084	0.0001	EXP 150 of 150	58.5729405 ± 0.0302201	0.9939	EXP 150 of 150	30.724621 ± 0.028693	0.9371	EXP 150 of 150
13D07513	5.7 %	0.0585180 ± 0.0006351	0.1024	EXP 150 of 150	1.7899141 ± 0.0316009	0.0592	EXP 150 of 150	0.6025703 ± 0.0252639	0.0270	EXP 150 of 150	53.2526133 ± 0.0300139	0.9928	EXP 150 of 150	29.709881 ± 0.030448	0.9318	EXP 150 of 150
13D07514	6.1 %	0.0692676 ± 0.0006655	0.0111	EXP 150 of 150	2.0985612 ± 0.0327485	0.1483	EXP 150 of 150	0.6580695 ± 0.0244282	0.0234	EXP 150 of 150	56.8173850 ± 0.0264098	0.9951	EXP 150 of 150	32.909539 ± 0.030028	0.9107	EXP 150 of 150
13D07516	6.5 %	0.0779095 ± 0.0007066	0.0011	EXP 150 of 150	2.5374401 ± 0.0284757	0.2646	EXP 149 of 150	0.7820238 ± 0.0258331	0.0714	EXP 150 of 150	62.6321690 ± 0.0262440	0.9961	EXP 150 of 150	36.318723 ± 0.027521	0.8669	EXP 149 of 150
13D07517	6.9 %	0.0644152 ± 0.0006205	0.0063	EXP 150 of 150	1.8888031 ± 0.0294205	0.1225	EXP 150 of 150	0.5502637 ± 0.0297450	0.0319	EXP 150 of 150	44.7918842 ± 0.0273101	0.9917	EXP 150 of 150	28.036899 ± 0.029816	0.9370	EXP 150 of 150
13D07518	7.3 %	0.0711988 ± 0.0006272	0.0017	EXP 149 of 150	2.0589128 ± 0.0297936	0.1017	EXP 150 of 150	0.5178825 ± 0.0296895	0.0241	EXP 150 of 150	42.7311733 ± 0.0284306	0.9900	EXP 150 of 150	28.793037 ± 0.030410	0.9260	EXP 149 of 150
13D07520	7.8 %	0.0731455 ± 0.0006911	0.0001	EXP 150 of 150	2.0767589 ± 0.0282326	0.1001	EXP 149 of 150	0.4535850 ± 0.0278985	0.0003	EXP 150 of 150	39.0452361 ± 0.0304908	0.9862	EXP 150 of 150	28.211293 ± 0.029599	0.9283	EXP 150 of 150
13D07521	8.3 %	0.0881366 ± 0.0007485	0.0001	EXP 150 of 150	2.5600394 ± 0.0290945	0.1732	EXP 150 of 150	0.4498176 ± 0.0277381	0.0001	EXP 150 of 150	41.0887064 ± 0.0279490	0.9893	EXP 150 of 150	32.126830 ± 0.032458	0.8695	EXP 150 of 150
13D07522	8.8 %	0.0743030 ± 0.0006322	0.0032	EXP 150 of 150	1.8909964 ± 0.0305491	0.1064	EXP 149 of 150	0.3448898 ± 0.0276256	0.0052	EXP 148 of 150	28.2538491 ± 0.0261318	0.9804	EXP 150 of 150	25.654618 ± 0.032371	0.9282	EXP 150 of 150
13D07524	9.3 %	0.0846553 ± 0.0006743	0.0166	EXP 150 of 150	2.2570184 ± 0.0331624	0.1227	EXP 150 of 150	0.3633720 ± 0.0264999	0.0091	EXP 150 of 150	26.8494329 ± 0.0275917	0.9755	EXP 150 of 150	27.313975 ± 0.032373	0.9199	EXP 150 of 150
13D07525	9.9 %	0.1022238 ± 0.0007863	0.0938	EXP 150 of 150	2.8928551 ± 0.0306454	0.1872	EXP 150 of 150	0.3442837 ± 0.0275450	0.0008	EXP 150 of 150	27.6202266 ± 0.0282277	0.9750	EXP 150 of 150	30.755200 ± 0.032603	0.8531	EXP 150 of 150
13D07526	10.5 %	0.1095210 ± 0.0007786	0.1835	EXP 150 of 150	3.1205745 ± 0.0342297	0.2353	EXP 150 of 150	0.3557059 ± 0.0290649	0.0327	EXP 150 of 150	24.4660647 ± 0.0257328	0.9750	EXP 150 of 150	30.826868 ± 0.029384	0.8840	EXP 150 of 150
13D07528	11.2 %	0.1208391 ± 0.0008548	0.1750	EXP 150 of 150	3.6363653 ± 0.0329047	0.2489	EXP 150 of 150	0.2806748 ± 0.0275524	0.0096	EXP 150 of 150	22.2605845 ± 0.0245261	0.9728	EXP 150 of 150	32.667145 ± 0.030511	0.8089	EXP 150 of 150
13D07529	11.9 %	0.1323864 ± 0.0008990	0.2153	EXP 150 of 150	4.2473516 ± 0.0343311	0.2953	EXP 150 of 150	0.2566350 ± 0.0275933	0.0073	EXP 149 of 150	19.5938627 ± 0.0302348	0.9460	EXP 150 of 150	33.080442 ± 0.031247	0.7941	EXP 150 of 150
13D07530	12.8 %	0.1859266 ± 0.0009850	0.3891	EXP 150 of 150	6.5631718 ± 0.0297736	0.5835	EXP 150 of 150	0.3470082 ± 0.0275328	0.0129	EXP 150 of 150	21.8334307 ± 0.0295603	0.9586	EXP 150 of 150	42.886636 ± 0.031852	0.0032	EXP 150 of 150
13D07532	13.9 %	0.1605279 ± 0.0009131	0.2672	EXP 150 of 150	6.0304163 ± 0.0305831	0.5875	EXP 150 of 150	0.3109126 ± 0.0297095	0.0448	EXP 150 of 150	15.4754851 ± 0.0282690	0.9216	EXP 150 of 150	36.434929 ± 0.031817	0.5816	EXP 150 of 150
13D07533	15.2 %	0.2015513 ± 0.0010608	0.4111	EXP 150 of 150	7.7292743 ± 0.0327692	0.6838	EXP 150 of 150	0.2492463 ± 0.0307821	0.0000	EXP 150 of 150	16.6661872 ± 0.0267564	0.9397	EXP 150 of 150	43.353998 ± 0.029018	0.1023	EXP 150 of 150
13D07534	16.7 %	0.2213721 ± 0.0010057	0.5533	EXP 150 of 150	8.1157201 ± 0.0367358	0.6252	EXP 150 of 150	0.2635621 ± 0.0320961	0.0004	EXP 150 of 150	15.8450831 ± 0.0260954	0.9366	EXP 150 of 150	47.165299 ± 0.029620	0.6229	EXP 150 of 150
13D07536	18.2 %	0.2171407 ± 0.0009838	0.5872	EXP 150 of 150	7.6579663 ± 0.0362108	0.5444	EXP 150 of 150	0.1759448 ± 0.0286177	0.0044	EXP 150 of 150	11.7909712 ± 0.0302634	0.8647	EXP 150 of 150	46.201802 ± 0.034107	0.4817	EXP 150 of 150
13D07537	19.7 %	0.2004642 ± 0.0010060	0.4473	EXP 150 of 150	6.6719402 ± 0.0292477	0.6330	EXP 150 of 150	0.1734674 ± 0.0265700	0.0255	EXP 150 of 150	7.0639578 ± 0.0266332	0.6820	EXP 150 of 150	44.156461 ± 0.032954	0.3079	EXP 150 of 150
13D07539	21.2 %	0.1626067 ± 0.0008496	0.4396	EXP 150 of 150	3.9834004 ± 0.0300886	0.3589	EXP 150 of 150	0.0031063 ± 0.0263022	0.0284	EXP 150 of 150	3.8000966 ± 0.0256732	0.4242	EXP 150 of 150	38.781514 ± 0.031312	0.0364	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
13D07494	1.8 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07496	2.0 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07497	2.2 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07498	2.4 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07500	2.7 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07501	3.0 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07502	3.3 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07504	3.6 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07505	3.9 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07506	4.2 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07508	4.5 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07509	4.8 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07510	5.1 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07512	5.4 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07513	5.7 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07514	6.1 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07516	6.5 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07517	6.9 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07518	7.3 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07520	7.8 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07521	8.3 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07522	8.8 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07524	9.3 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07525	9.9 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07526	10.5 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07528	11.2 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07529	11.9 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07530	12.8 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07532	13.9 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07533	15.2 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07534	16.7 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07536	18.2 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07537	19.7 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	01
13D07539	21.2 %	Andrea Balbas	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D07493	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
13D07494	1.8 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	19	18	1
13D07496	2.0 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	19	43	1
13D07497	2.2 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	19	55	1
13D07498	2.4 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	20	7	1
13D07500	2.7 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	20	32	1
13D07501	3.0 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	20	45	1
13D07502	3.3 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	20	57	1
13D07504	3.6 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	21	22	1
13D07505	3.9 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	21	34	1
13D07506	4.2 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	21	47	1
13D07508	4.5 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	22	12	1
13D07509	4.8 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	22	24	1
13D07510	5.1 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	22	37	1
13D07512	5.4 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	23	1	1
13D07513	5.7 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	23	14	1
13D07514	6.1 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	23	26	1
13D07516	6.5 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	22	DEC	2013	23	51	1
13D07517	6.9 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	0	3	1
13D07518	7.3 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	0	16	1
13D07520	7.8 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	0	41	1
13D07521	8.3 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	0	53	1
13D07522	8.8 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	1	6	1
13D07524	9.3 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	1	30	1
13D07525	9.9 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	1	43	1
13D07526	10.5 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	1	55	1
13D07528	11.2 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	2	20	1
13D07529	11.9 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	2	33	1
13D07530	12.8 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	2	45	1
13D07532	13.9 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	3	10	1
13D07533	15.2 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	3	22	1
13D07534	16.7 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	3	35	1
13D07536	18.2 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	3	59	1
13D07537	19.7 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	4	12	1
13D07539	21.2 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.781	0.095	0.99398046	0.063	1	4.8E-14	23	DEC	2013	4	37	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
13D07494	1.8 %	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
13D07496	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
13D07497	2.2 %	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
13D07498	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
13D07500	2.7 %	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
13D07501	3.0 %	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
13D07502	3.3 %	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
13D07504	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
13D07505	3.9 %	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
13D07506	4.2 %	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
13D07508	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
13D07509	4.8 %	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
13D07510	5.1 %	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
13D07512	5.4 %	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
13D07513	5.7 %	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
13D07514	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
13D07516	6.5 %	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
13D07517	6.9 %	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
13D07518	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
13D07520	7.8 %	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
13D07521	8.3 %	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
13D07522	8.8 %	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
13D07524	9.3 %	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
13D07525	9.9 %	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
13D07526	10.5 %	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
13D07528	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
13D07529	11.9 %	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
13D07530	12.8 %	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
13D07532	13.9 %	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
13D07533	15.2 %	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
13D07534	16.7 %	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
13D07536	18.2 %	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
13D07537	19.7 %	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
13D07539	21.2 %	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

OSU Argon Geochronology Lab
CEOAS Oregon State University, Corvallis, USA

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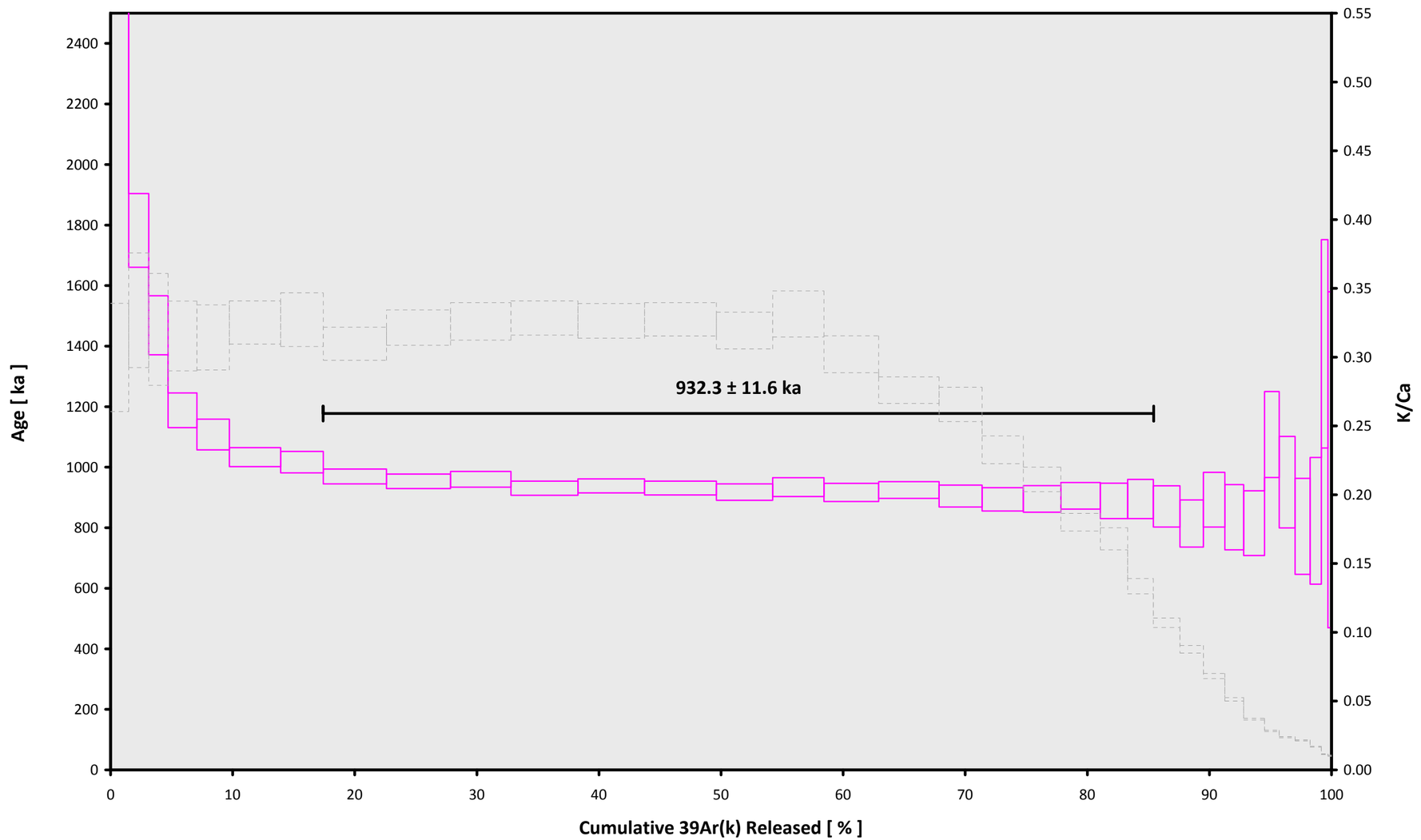


Ar-Ages in ka

WEIGHTED PLATEAU
932.3 ± 11.6
TOTAL FUSION
998.7 ± 10.3
NORMAL ISOCHRON
951.3 ± 18.5
INVERSE ISOCHRON
953.8 ± 19.1

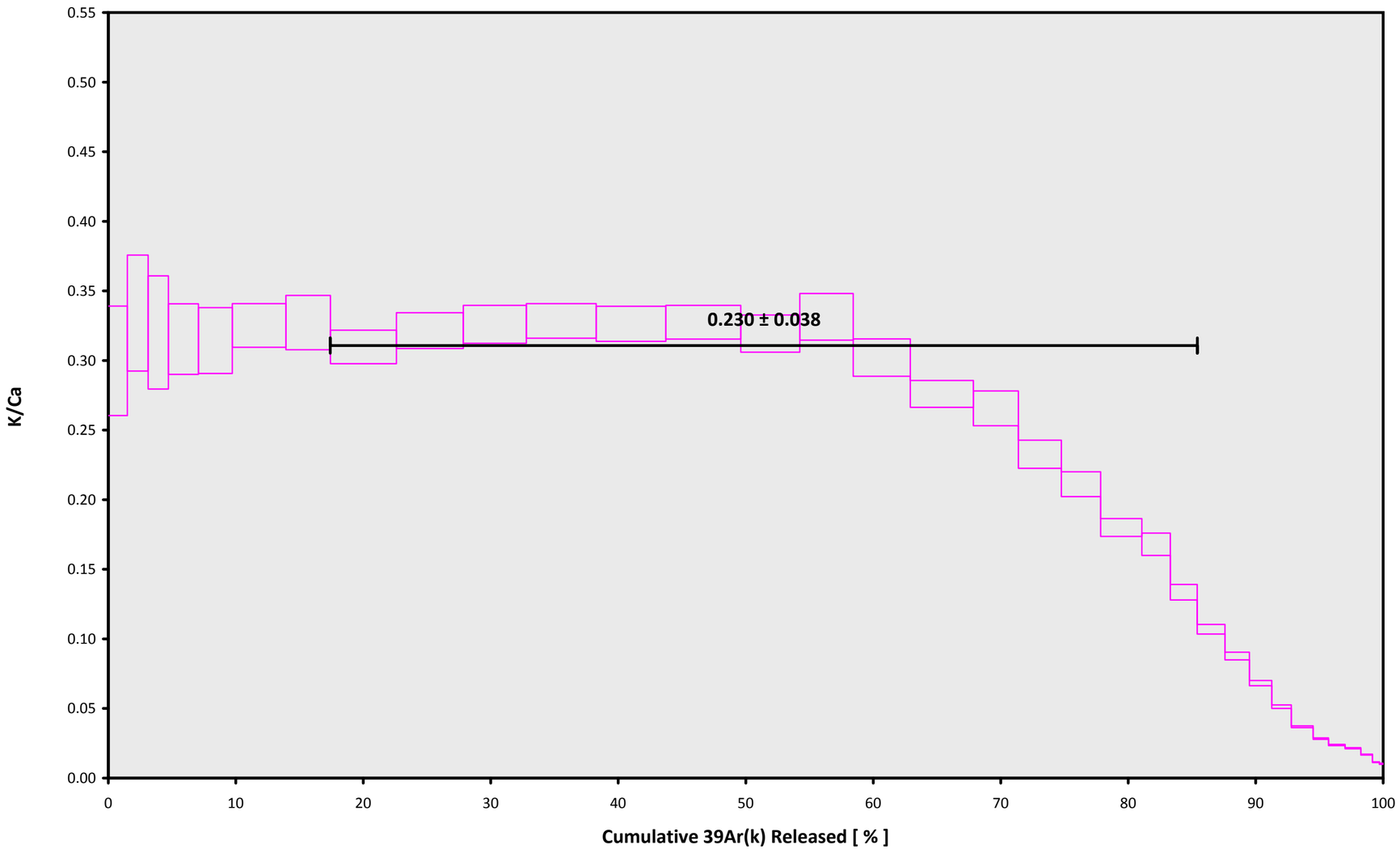
MSWD (PROBABILITY)
2.28 (0%)

Sample Info

Groundmass
Floreana Island
Andrea Balbas

IRR = 13-OSU-05
J = 0.00159842 ± 0.00000264

13D07493.AGE >>> 44A-ARGON-5 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
932.3 ± 11.6
TOTAL FUSION
998.7 ± 10.3
NORMAL ISOCHRON
951.3 ± 18.5
INVERSE ISOCHRON
953.8 ± 19.1

Sample Info

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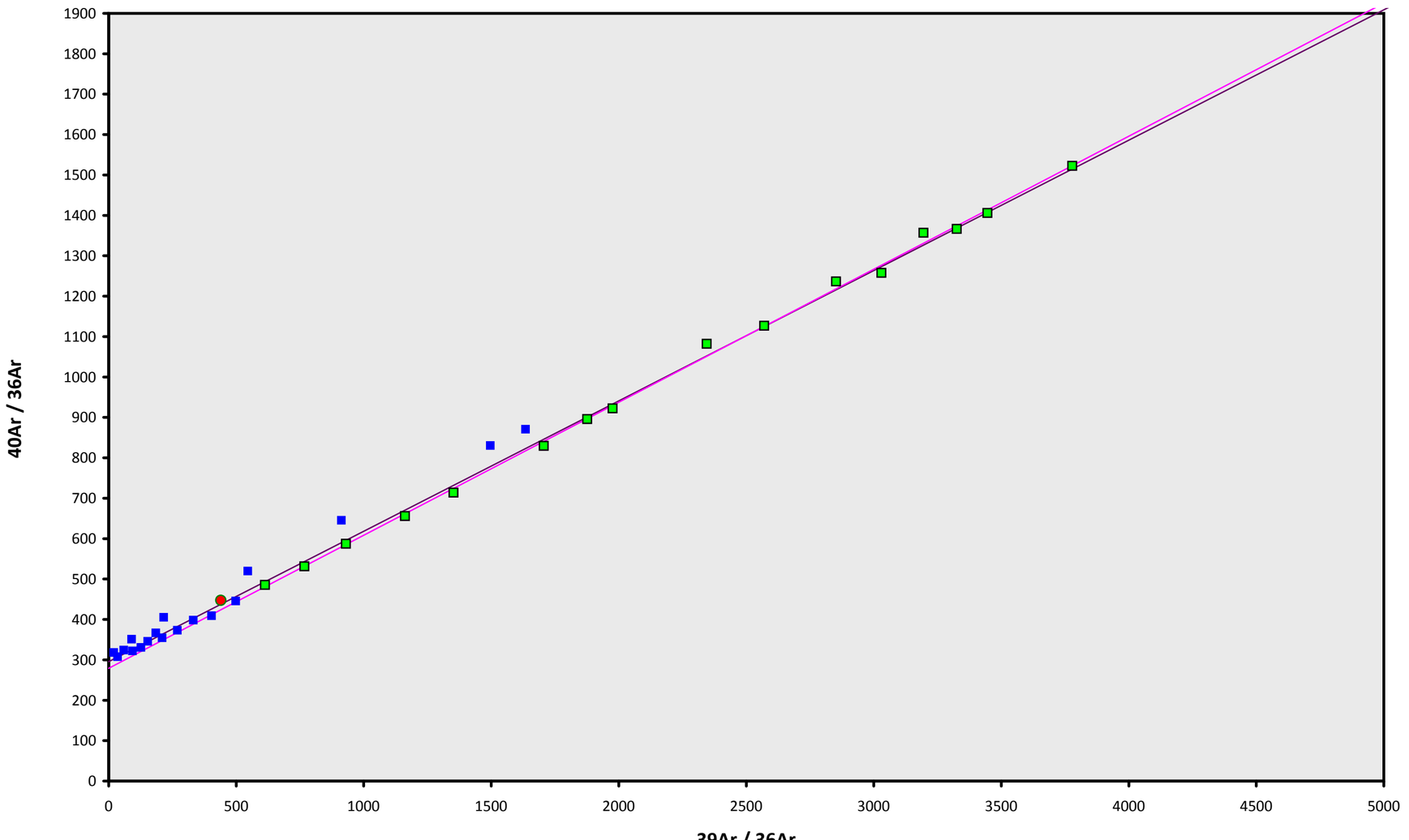
13D07493.AGE >>> 44A-ARGON-5 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
932.3 ± 11.6
TOTAL FUSION
998.7 ± 10.3
NORMAL ISOCHRON
951.3 ± 18.5
INVERSE ISOCHRON
953.8 ± 19.1

MSWD (PROBABILITY)
1.58 (8%)

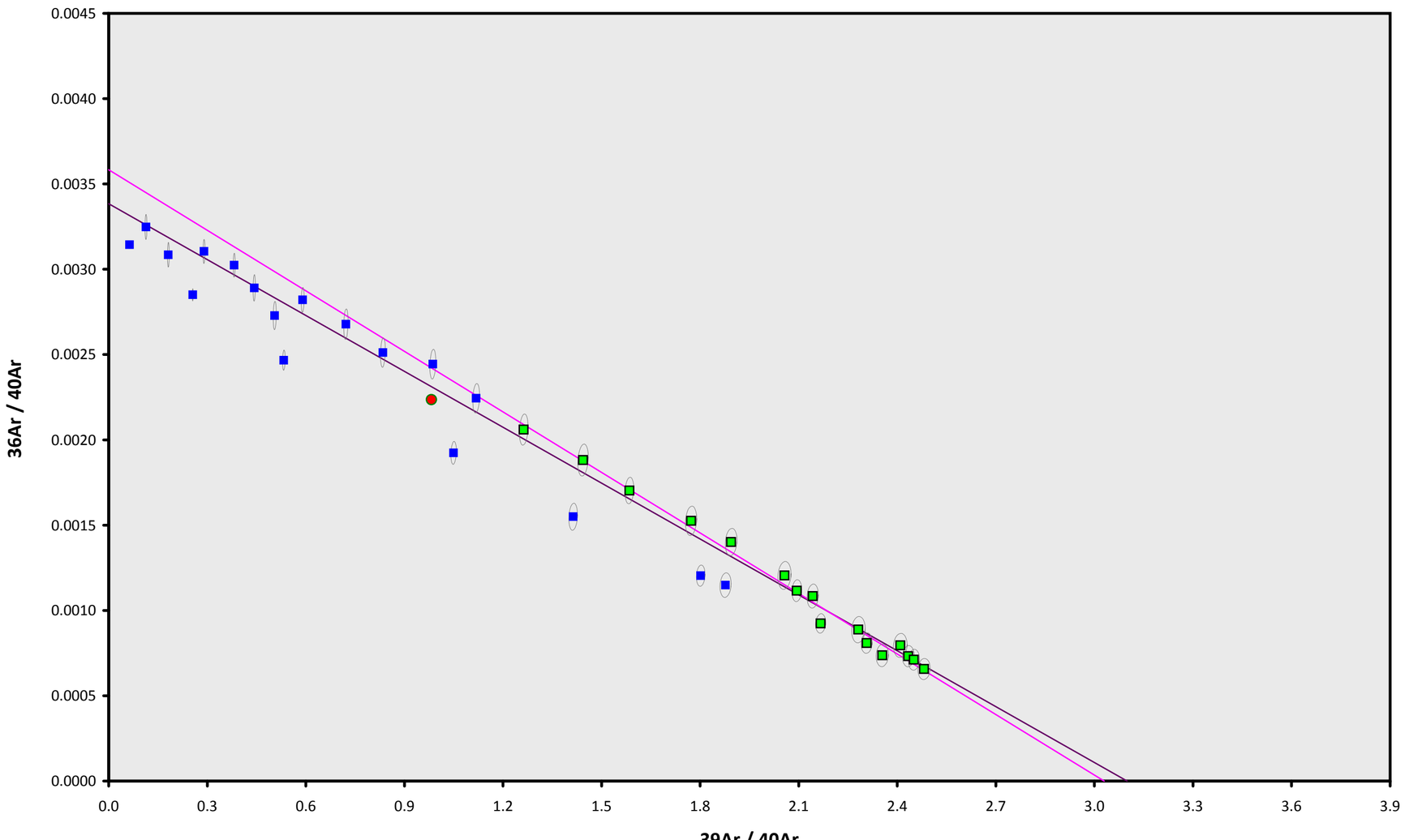
40AR/36AR INTERCEPT
279.2 ± 12.3

Sample Info

Groundmass
Floreana Island
Andrea Balbas

IRR = 13-OSU-05
J = 0.00159842 ± 0.00000264

13D07493.AGE >>> 44A-ARGON-5 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
932.3 ± 11.6
TOTAL FUSION
998.7 ± 10.3
NORMAL ISOCHRON
951.3 ± 18.5
INVERSE ISOCHRON
953.8 ± 19.1

MSWD (PROBABILITY)
1.71 (5%)

SPREADING FACTOR
40.2%

40AR/36AR INTERCEPT
279.0 ± 12.8

Sample Info

Groundmass
Floreana Island
Andrea Balbas

IRR = 13-OSU-05
J = 0.00159842 ± 0.00000264