Electronic Supplementary Material (ESI) for Journal of Analytical Atomic Spectrometry.

E.S.I. Data Table 1 Analytical results of Sr isotope ratios

Day	Run ID	Crater	Sample	^{83}Kr (V)	$^{83.5}$M (V)	^{84}Sr (V)	^{85}Rb (V)	^{86}Sr (V)	$^{86.5}$M (V)	^{87}Sr (V)	^{88}Sr (V)	^{84}Sr/^{86}Sr	^{87}Sr/^{86}Sr	^{88}Sr/^{86}Sr	^{87}Sr/^{86}Sr cor	2SE
JUL 26 2014	Run5	200um/20Hz	MkAn1_1	0.00117	-0.00001	0.01178	0.00004	0.21948	-0.00002	0.15805	1.92449	0.05624	0.70360	8.76804	0.70352	0.00013
JUL 26 2014	Run6	200um/20Hz	MkAn1_2	0.00133	0.00001	0.01286	0.00006	0.24015	-0.00001	0.17297	2.10626	0.05614	0.70363	8.77060	0.70355	0.00012
JUL 26 2014	Run7	200um/20Hz	MkAn1_3	0.00154	-0.00001	0.01445	0.00008	0.27020	-0.00001	0.19460	2.36967	0.05607	0.70359	8.76992	0.70350	0.00010
JUL 26 2014	Run8	200um/20Hz	MkAn1_4	0.00180	-0.00001	0.01642	0.00074	0.30698	0.00000	0.22138	2.69283	0.05609	0.70357	8.77176	0.70348	0.00012
JUL 26 2014	Run9	200um/20Hz	MkAn1_5	0.00119	0.00000	0.01175	0.00005	0.21935	0.00000	0.15794	1.92321	0.05613	0.70351	8.76742	0.70342	0.00012
Average and error in 2SD													**0.70358**	**0.00009**	**0.70349**	**0.00010**
JUL 24 2014	Run8	200um/10Hz	MkAn1_1	0.00028	0.00000	0.00565	0.00003	0.10349	0.00000	0.07445	0.90576	0.05710	0.70352	8.75227	0.70352	0.00021
JUL 24 2014	Run9	200um/10Hz	MkAn1_2	0.00026	-0.00001	0.00518	0.00003	0.09405	0.00000	0.06760	0.82241	0.05762	0.70325	8.74408	0.70330	0.00021
JUL 24 2014	Run10	200um/10Hz	MkAn1_3	0.00024	-0.00001	0.00477	0.00003	0.08776	-0.00001	0.06311	0.76786	0.05683	0.70337	8.74932	0.70335	0.00022
JUL 24 2014	Run11	200um/10Hz	MkAn1_4	0.00026	0.00000	0.00518	0.00003	0.09558	-0.00001	0.06875	0.83626	0.05665	0.70348	8.74836	0.70344	0.00019
JUL 24 2014	Run12	200um/10Hz	MkAn1_5	0.00026	0.00000	0.00506	0.00004	0.09280	0.00000	0.06674	0.81166	0.05703	0.70352	8.74643	0.70352	0.00020
JUL 24 2014	Run38	200um/10Hz	MkAn1_31	0.00040	0.00000	0.00835	0.00010	0.15556	0.00000	0.11188	1.36001	0.05609	0.70355	8.74162	0.70346	0.00013
JUL 24 2014	Run39	200um/10Hz	MkAn1_32	0.00040	0.00001	0.00848	0.00005	0.15871	0.00000	0.11416	1.38802	0.05585	0.70368	8.74544	0.70357	0.00012
JUL 24 2014	Run40	200um/10Hz	MkAn1_33	0.00038	-0.00002	0.00827	0.00004	0.15527	0.00000	0.11166	1.35790	0.05568	0.70352	8.74486	0.70339	0.00014
JUL 24 2014	Run41	200um/10Hz	MkAn1_34	0.00042	0.00000	0.00868	0.00005	0.16319	-0.00001	0.11737	1.42700	0.05560	0.70365	8.74416	0.70352	0.00020
JUL 24 2014	Run42	200um/10Hz	MkAn1_35	0.00041	-0.00001	0.00859	0.00005	0.16161	-0.00002	0.11623	1.41360	0.05553	0.70353	8.74682	0.70338	0.00013
JUL 24 2014	Run68	200um/10Hz	MkAn1_61	0.00061	0.00000	0.00863	0.00003	0.16132	-0.00001	0.11618	1.41451	0.05608	0.70368	8.76833	0.70359	0.00015
JUL 25 2014	Run6	200um/10Hz	MkAn1_1	0.00073	0.00000	0.00926	0.00009	0.17127	-0.00001	0.12330	1.50077	0.05660	0.70349	8.76259	0.70345	0.00015
JUL 25 2014	Run7	200um/10Hz	MkAn1_2	0.00064	-0.00001	0.00825	0.00005	0.15199	0.00000	0.10938	1.33119	0.05683	0.70352	8.75837	0.70350	0.00017
JUL 25 2014	Run8	200um/10Hz	MkAn1_3	0.00073	-0.00002	0.00914	0.00005	0.16897	-0.00001	0.12162	1.48030	0.05667	0.70355	8.76053	0.70352	0.00010
JUL 25 2014	Run9	200um/10Hz	MkAn1_4	0.00079	-0.00002	0.00968	0.00002	0.17855	0.00000	0.12849	1.56437	0.05677	0.70344	8.76091	0.70341	0.00013
JUL 25 2014	Run10	200um/10Hz	MkAn1_5	0.00059	0.00000	0.00799	0.00004	0.14725	-0.00001	0.10595	1.28967	0.05684	0.70337	8.75807	0.70335	0.00014
JUL 26 2014	Run10	200um/10Hz	MkAn1_1	0.00054	0.00000	0.00635	0.00003	0.11686	-0.00001	0.08414	1.02456	0.05691	0.70354	8.76722	0.70353	0.00017
JUL 26 2014	Run11	200um/10Hz	MkAn1_2	0.00058	0.00001	0.00682	0.00017	0.12616	0.00000	0.09090	1.10618	0.05663	0.70353	8.76792	0.70349	0.00013
JUL 26 2014	Run12	200um/10Hz	MkAn1_3	0.00045	-0.00001	0.00559	0.00004	0.10370	0.00000	0.07467	0.90882	0.05648	0.70362	8.76379	0.70357	0.00022
JUL 26 2014	Run13	200um/10Hz	MkAn1_4	0.00046	-0.00001	0.00577	0.00012	0.10699	0.00000	0.07706	0.93788	0.05652	0.70343	8.76530	0.70338	0.00020
JUL 26 2014	Run14	200um/10Hz	MkAn1_5	0.00055	-0.00001	0.00672	0.00004	0.12461	-0.00001	0.08971	1.09240	0.05649	0.70344	8.76664	0.70339	0.00022
Average and error in 2SD													**0.70351**	**0.00021**	**0.70346**	**0.00017**
JUL 24 2014	Run13	100um/10Hz	MkAn1_6	0.00011	-0.00001	0.00212	0.00001	0.03820	-0.00002	0.02747	0.33436	0.05785	0.70347	8.75261	0.70355	0.00047
JUL 24 2014	Run14	100um/10Hz	MkAn1_7	0.00009	0.00000	0.00216	0.00001	0.03921	0.00000	0.02820	0.34328	0.05764	0.70335	8.75318	0.70341	0.00048
JUL 24 2014	Run15	100um/10Hz	MkAn1_8	0.00011	0.00000	0.00229	0.00001	0.04164	-0.00001	0.02996	0.36461	0.05761	0.70330	8.75377	0.70335	0.00047
JUL 24 2014	Run16	100um/10Hz	MkAn1_9	0.00012	-0.00001	0.00252	0.00001	0.04584	0.00001	0.03298	0.40156	0.05772	0.70343	8.75992	0.70349	0.00044
JUL 24 2014	Run17	100um/10Hz	MkAn1_10	0.00013	0.00001	0.00270	0.00002	0.04892	0.00000	0.03521	0.42854	0.05793	0.70337	8.75998	0.70346	0.00033
JUL 24 2014	Run43	100um/10Hz	MkAn1_36	0.00011	0.00000	0.00296	0.00003	0.05421	-0.00002	0.03899	0.47416	0.05703	0.70345	8.74680	0.70345	0.00024
JUL 24 2014	Run44	100um/10Hz	MkAn1_37	0.00009	0.00000	0.00297	0.00004	0.05595	0.00000	0.04025	0.48949	0.05553	0.70353	8.74905	0.70339	0.00029
JUL 24 2014	Run45	100um/10Hz	MkAn1_38	0.00009	-0.00001	0.00304	0.00004	0.05760	0.00000	0.04145	0.50413	0.05527	0.70354	8.75148	0.70337	0.00030
JUL 24 2014	Run46	100um/10Hz	MkAn1_39	0.00014	0.00000	0.00379	0.00003	0.07127	-0.00001	0.05127	0.62358	0.05560	0.70356	8.74834	0.70342	0.00025
JUL 24 2014	Run47	100um/10Hz	MkAn1_40	0.00011	-0.00001	0.00321	0.00003	0.06058	-0.00002	0.04356	0.52978	0.05533	0.70335	8.74575	0.70318	0.00027
Average and error in 2SD													**0.70343**	**0.00018**	**0.70341**	**0.00020**
JUL 24 2014	Run18	50um/10Hz	MkAn1_11	0.00006	-0.00002	0.00104	0.00000	0.01726	0.00000	0.01240	0.15087	0.06309	0.7031	8.7399	0.7037	0.0009
JUL 24 2014	Run19	50um/10Hz	MkAn1_12	0.00004	-0.00001	0.00091	0.00001	0.01684	0.00000	0.01212	0.14765	0.05659	0.7034	8.7675	0.7033	0.0007
JUL 24 2014	Run20	50um/10Hz	MkAn1_13	0.00005	0.00000	0.00091	0.00000	0.01576	0.00000	0.01134	0.13800	0.06021	0.7034	8.7545	0.7037	0.0007
JUL 24 2014	Run21	50um/10Hz	MkAn1_14	0.00006	-0.00001	0.00097	0.00000	0.01642	0.00000	0.01180	0.14364	0.06172	0.7033	8.7484	0.7038	0.0009
JUL 24 2014	Run22	50um/10Hz	MkAn1_15	0.00004	-0.00001	0.00088	0.00000	0.01575	-0.00002	0.01133	0.13789	0.05883	0.7034	8.7556	0.7036	0.0006
JUL 24 2014	Run23	50um/10Hz	MkAn1_16	0.00005	0.00000	0.00102	0.00000	0.01759	-0.00001	0.01263	0.15377	0.06061	0.7027	8.7427	0.7031	0.0007
JUL 24 2014	Run24	50um/10Hz	MkAn1_17	0.00005	0.00000	0.00096	0.00000	0.01651	-0.00001	0.01188	0.14448	0.06054	0.7038	8.7487	0.7041	0.0008
JUL 24 2014	Run25	50um/10Hz	MkAn1_18	0.00003	-0.00001	0.00091	0.00000	0.01614	-0.00002	0.01161	0.14117	0.05901	0.7040	8.7489	0.7042	0.0007
JUL 24 2014	Run26	50um/10Hz	MkAn1_19	0.00004	-0.00002	0.00090	0.00000	0.01594	-0.00001	0.01145	0.13936	0.05920	0.7031	8.7429	0.7033	0.0008
JUL 24 2014	Run27	50um/10Hz	MkAn1_20	0.00005	-0.00002	0.00089	0.00001	0.01567	-0.00002	0.01127	0.13716	0.05951	0.7031	8.7512	0.7033	0.0008
JUL 24 2014	Run28	50um/10Hz	MkAn1_21	0.00004	0.00001	0.00094	0.00001	0.01662	-0.00001	0.01196	0.14547	0.05954	0.7037	8.7549	0.7040	0.0006
JUL 24 2014	Run29	50um/10Hz	MkAn1_22	0.00003	-0.00001	0.00100	0.00001	0.01784	-0.00001	0.01285	0.15618	0.05895	0.7043	8.7549	0.7045	0.0008
JUL 24 2014	Run30	50um/10Hz	MkAn1_23	0.00004	-0.00001	0.00101	0.00000	0.01778	-0.00002	0.01280	0.15572	0.05947	0.7039	8.7580	0.7041	0.0008
JUL 24 2014	Run31	50um/10Hz	MkAn1_24	0.00004	0.00000	0.00100	0.00000	0.01786	-0.00001	0.01285	0.15646	0.05889	0.7032	8.7572	0.7033	0.0006
JUL 24 2014	Run32	50um/10Hz	MkAn1_25	0.00004	-0.00002	0.00103	0.00000	0.01827	-0.00001	0.01314	0.15986	0.05915	0.7037	8.7513	0.7039	0.0007
JUL 24 2014	Run33	50um/10Hz	MkAn1_26	0.00005	-0.00001	0.00101	0.00000	0.01797	0.00000	0.01293	0.15727	0.05857	0.7041	8.7532	0.7042	0.0007
JUL 24 2014	Run34	50um/10Hz	MkAn1_27	0.00005	-0.00002	0.00103	0.00001	0.01815	0.00000	0.01306	0.15886	0.05944	0.7033	8.7507	0.7035	0.0008
JUL 24 2014	Run35	50um/10Hz	MkAn1_28	0.00005	-0.00001	0.00101	-0.00001	0.01812	0.00000	0.01303	0.15859	0.05855	0.7033	8.7516	0.7034	0.0006
JUL 24 2014	Run36	50um/10Hz	MkAn1_29	0.00004	0.00000	0.00097	0.00002	0.01737	-0.00001	0.01249	0.15195	0.05828	0.7031	8.7489	0.7032	0.0009
JUL 24 2014	Run37	50um/10Hz	MkAn1_30	0.00004	-0.00001	0.00100	0.00001	0.01779	-0.00002	0.01279	0.15563	0.05903	0.7029	8.7466	0.7031	0.0007
JUL 24 2014	Run48	50um/10Hz	MkAn1_41	0.00000	-0.00001	0.00078	0.00003	0.01530	-0.00002	0.01102	0.13388	0.05360	0.7036	8.7495	0.7033	0.0009
JUL 24 2014	Run49	50um/10Hz	MkAn1_42	0.00002	0.00000	0.00089	0.00001	0.01691	-0.00001	0.01217	0.14794	0.05506	0.7039	8.7481	0.7037	0.0008
JUL 24 2014	Run50	50um/10Hz	MkAn1_43	0.00002	-0.00002	0.00096	0.00001	0.01818	0.00001	0.01308	0.15913	0.05537	0.7031	8.7497	0.7030	0.0007
JUL 24 2014	Run51	50um/10Hz	MkAn1_44	0.00002	0.00001	0.00098	0.00001	0.01843	-0.00001	0.01327	0.16140	0.05557	0.7040	8.7574	0.7039	0.0008
JUL 24 2014	Run52	50um/10Hz	MkAn1_45	0.00002	-0.00002	0.00099	0.00001	0.01886	-0.00001	0.01356	0.16514	0.05499	0.7029	8.7546	0.7027	0.0009
JUL 24 2014	Run53	50um/10Hz	MkAn1_46	0.00002	0.00000	0.00097	0.00001	0.01824	-0.00001	0.01313	0.15971	0.05581	0.7036	8.7519	0.7035	0.0007
JUL 24 2014	Run54	50um/10Hz	MkAn1_47	0.00002	-0.00001	0.00095	0.00000	0.01798	-0.00001	0.01293	0.15739	0.05536	0.7033	8.7505	0.7031	0.0007
JUL 24 2014	Run55	50um/10Hz	MkAn1_48	0.00002	-0.00002	0.00090	0.00001	0.01722	-0.00001	0.01239	0.15079	0.05475	0.7036	8.7565	0.7034	0.0008
JUL 24 2014	Run56	50um/10Hz	MkAn1_49	0.00002	-0.00002	0.00092	0.00000	0.01768	0.00000	0.01273	0.15472	0.05415	0.7042	8.7505	0.7040	0.0006
JUL 24 2014	Run57	50um/10Hz	MkAn1_50	0.00003	-0.00001	0.00101	0.00000	0.01872	0.00000	0.01347	0.16387	0.05633	0.7036	8.7505	0.7035	0.0007
JUL 24 2014	Run58	50um/10Hz	MkAn1_51	0.00002	-0.00001	0.00100	0.00000	0.01887	0.00000	0.01357	0.16513	0.05506	0.7034	8.7420	0.7032	0.0009
JUL 24 2014	Run59	50um/10Hz	MkAn1_52	0.00003	0.00000	0.00089	0.00000	0.01727	-0.00001	0.01244	0.15128	0.05408	0.7042	8.7545	0.7039	0.0008
JUL 24 2014	Run60	50um/10Hz	MkAn1_53	0.00002	0.00000	0.00095	0.00000	0.01798	-0.00002	0.01293	0.15735	0.05533	0.7032	8.7465	0.7031	0.0007
JUL 24 2014	Run61	50um/10Hz	MkAn1_54	0.00001	-0.00001	0.00098	0.00002	0.01856	-0.00001	0.01336	0.16247	0.05550	0.7038	8.7513	0.7036	0.0006
JUL 24 2014	Run62	50um/10Hz	MkAn1_55	0.00002	-0.00001	0.00099	0.00000	0.01868	0.00000	0.01344	0.16348	0.05563	0.7036	8.7484	0.7035	0.0007
JUL 24 2014	Run63	50um/10Hz	MkAn1_56	0.00002	0.00001	0.00097	0.00003	0.01825	-0.00001	0.01313	0.15972	0.05558	0.7033	8.7506	0.7032	0.0007
JUL 24 2014	Run64	50um/10Hz	MkAn1_57	0.00003	0.00000	0.00097	0.00004	0.01824	0.00000	0.01314	0.15972	0.05538	0.7036	8.7530	0.7034	0.0006
JUL 24 2014	Run65	50um/10Hz	MkAn1_58	0.00003	0.00000	0.00098	0.00001	0.01823	-0.00001	0.01311	0.15938	0.05617	0.7036	8.7383	0.7035	0.0005
JUL 24 2014	Run66	50um/10Hz	MkAn1_59	0.00000	0.00000	0.00099	0.00001	0.01876	-0.00001	0.01352	0.16424	0.05492	0.7043	8.7499	0.7041	0.0007
JUL 24 2014	Run67	50um/10Hz	MkAn1_60	0.00002	0.00000	0.00099	0.00001	0.01853	0.00000	0.01333	0.16208	0.05567	0.7038	8.7469	0.7037	0.0009
Average and error in 2SD													**0.7035**	**0.0008**	**0.7036**	**0.0008**

Day	Run ID	Crater	Sample	^{83}Kr (V)	$^{83.5}$M (V)	^{84}Sr (V)	^{85}Rb (V)	^{86}Sr (V)	$^{86.5}$M (V)	^{87}Sr (V)	^{88}Sr (V)	^{84}Sr/^{86}Sr	^{87}Sr/^{86}Sr	^{88}Sr/^{86}Sr	^{87}Sr/^{86}Sr cor	2SE
JUL 25 2014	Run11	200um/10Hz	BHVO-2G_1	0.00031	0.00005	0.01281	0.08395	0.23632	0.00001	0.20411	2.07189	0.05678	0.70341	8.76719	0.70334	0.00013
JUL 25 2014	Run12	200um/10Hz	BHVO-2G_2	0.00033	0.00006	0.01399	0.08743	0.25980	0.00001	0.22241	2.27714	0.05642	0.70349	8.76492	0.70338	0.00012
JUL 25 2014	Run13	200um/10Hz	BHVO-2G_3	0.00031	0.00006	0.01332	0.08799	0.24680	0.00001	0.21327	2.16323	0.05653	0.70341	8.76501	0.70331	0.00014
JUL 25 2014	Run14	200um/10Hz	BHVO-2G_4	0.00030	0.00006	0.01308	0.08851	0.24303	0.00002	0.21074	2.13006	0.05637	0.70336	8.76474	0.70325	0.00016
JUL 25 2014	Run15	200um/10Hz	BHVO-2G_5	0.00030	0.00006	0.01284	0.08909	0.23823	0.00001	0.20752	2.08746	0.05644	0.70343	8.76245	0.70332	0.00013
JUL 26 2014	Run15	200um/10Hz	BHVO-2G_1	0.00028	0.00004	0.01092	0.08020	0.20259	0.00000	0.17839	1.77733	0.05653	0.70344	8.77301	0.70339	0.00015
JUL 26 2014	Run16	200um/10Hz	BHVO-2G_2	0.00029	0.00006	0.01096	0.08266	0.20340	0.00001	0.17995	1.78418	0.05649	0.70343	8.77159	0.70338	0.00020
JUL 26 2014	Run17	200um/10Hz	BHVO-2G_3	0.00026	0.00005	0.01066	0.08156	0.19868	0.00002	0.17612	1.74249	0.05623	0.70353	8.77007	0.70345	0.00020
JUL 26 2014	Run18	200um/10Hz	BHVO-2G_4	0.00026	0.00005	0.01073	0.08302	0.19976	0.00001	0.17746	1.75166	0.05630	0.70347	8.76887	0.70340	0.00016
JUL 26 2014	Run19	200um/10Hz	BHVO-2G_5	0.00029	0.00005	0.01167	0.08546	0.21771	0.00002	0.19140	1.90963	0.05622	0.70350	8.77138	0.70342	0.00023
JUN 02 2014	Run16	100um/10Hz	BHVO-2G-1	0.00018	0.00002	0.00691	0.03122	0.12686	0.00001	0.10395	1.11127	0.05691	0.70354	8.74310	0.70354	0.00019
JUN 02 2014	Run17	100um/10Hz	BHVO-2G-2	0.00018	0.00002	0.00750	0.03473	0.13870	0.00001	0.11392	1.21623	0.05665	0.70342	8.76855	0.70342	0.00018
JUN 02 2014	Run18	100um/10Hz	BHVO-2G-3	0.00018	0.00002	0.00768	0.03535	0.14254	0.00000	0.11697	1.25006	0.05647	0.70366	8.76957	0.70366	0.00016
JUN 02 2014	Run19	100um/10Hz	BHVO-2G-4	0.00017	0.00002	0.00766	0.03488	0.14200	-0.00001	0.11636	1.24483	0.05651	0.70358	8.76609	0.70358	0.00014
JUN 02 2014	Run20	100um/10Hz	BHVO-2G-5	0.00018	0.00002	0.00769	0.03543	0.14257	0.00000	0.11699	1.24981	0.05651	0.70360	8.76603	0.70360	0.00018
JUN 02 2014	Run22	100um/10Hz	BHVO-2G-6	0.00019	0.00002	0.00765	0.03442	0.14124	-0.00001	0.11559	1.23807	0.05673	0.70342	8.76559	0.70342	0.00015
JUN 02 2014	Run23	100um/10Hz	BHVO-2G-7	0.00018	0.00002	0.00771	0.03511	0.14287	0.00000	0.11706	1.25231	0.05655	0.70352	8.76541	0.70352	0.00016
JUN 02 2014	Run243	100um/10Hz	BHVO-2G-8	0.00017	0.00002	0.00759	0.03479	0.14052	0.00001	0.11524	1.23166	0.05656	0.70354	8.76497	0.70354	0.00016
JUN 02 2014	Run25	100um/10Hz	BHVO-2G-9	0.00017	0.00002	0.00744	0.03455	0.13786	0.00000	0.11324	1.20842	0.05657	0.70359	8.76534	0.70359	0.00016
JUN 02 2014	Run26	100um/10Hz	BHVO-2G-10	0.00017	0.00003	0.00735	0.03391	0.13615	0.00000	0.11172	1.19333	0.05660	0.70344	8.76486	0.70344	0.00020
JUN 02 2014	Run28	100um/10Hz	BHVO-2G-11	0.00017	0.00002	0.00737	0.03549	0.13631	0.00000	0.11247	1.19494	0.05669	0.70337	8.76617	0.70337	0.00019
JUN 02 2014	Run29	100um/10Hz	BHVO-2G-12	0.00018	0.00003	0.00742	0.03502	0.13729	0.00001	0.11301	1.20359	0.05661	0.70347	8.76685	0.70347	0.00015
JUN 02 2014	Run30	100um/10Hz	BHVO-2G-13	0.00014	0.00001	0.00685	0.03457	0.12700	0.00000	0.10542	1.11332	0.05656	0.70347	8.76637	0.70347	0.00019
JUN 02 2014	Run31	100um/10Hz	BHVO-2G-14	0.00016	0.00002	0.00735	0.03415	0.13617	0.00000	0.11185	1.19391	0.05656	0.70343	8.76733	0.70343	0.00018
JUN 02 2014	Run32	100um/10Hz	BHVO-2G-15	0.00015	0.00001	0.00699	0.03309	0.12951	0.00000	0.10664	1.13536	0.05658	0.70352	8.76645	0.70352	0.00019
Average and error in 2SD													**0.70348**	**0.00015**	**0.70345**	**0.00020**
JUL 25 2014	Run22	50um/10Hz	BHVO-2G_1	0.00004	-0.00002	0.00170	0.00991	0.03084	0.00000	0.02621	0.27031	0.05799	0.7034	8.7643	0.7035	0.0005

JUL 25 2014	Run23	50um/10Hz	BHVO-2G_2	0.00004	0.00001	0.00171	0.01014	0.03137	-0.00001	0.02670	0.27526	0.05729	0.7037	8.7731	0.7036	0.0004
JUL 25 2014	Run24	50um/10Hz	BHVO-2G_3	0.00003	0.00000	0.00177	0.01046	0.03214	0.00000	0.02737	0.28173	0.05776	0.7034	8.7655	0.7034	0.0005
JUL 25 2014	Run25	50um/10Hz	BHVO-2G_4	0.00004	0.00000	0.00183	0.01097	0.03313	0.00000	0.02829	0.29048	0.05799	0.7035	8.7658	0.7036	0.0005
JUL 25 2014	Run26	50um/10Hz	BHVO-2G_5	0.00004	0.00001	0.00180	0.01112	0.03335	0.00001	0.02851	0.29244	0.05666	0.7033	8.7664	0.7032	0.0004
JUL 25 2014	Run27	50um/10Hz	BHVO-2G_6	0.00004	0.00000	0.00180	0.01109	0.03319	-0.00001	0.02839	0.29111	0.05698	0.7035	8.7684	0.7034	0.0004
JUL 25 2014	Run28	50um/10Hz	BHVO-2G_7	0.00004	0.00000	0.00182	0.01108	0.03305	-0.00001	0.02828	0.28988	0.05758	0.7034	8.7694	0.7034	0.0005
JUL 25 2014	Run29	50um/10Hz	BHVO-2G_8	0.00004	-0.00001	0.00184	0.01137	0.03399	0.00000	0.02906	0.29807	0.05669	0.7029	8.7679	0.7028	0.0005
JUL 25 2014	Run30	50um/10Hz	BHVO-2G_9	0.00002	0.00000	0.00189	0.01144	0.03454	0.00000	0.02950	0.30276	0.05722	0.7036	8.7625	0.7036	0.0005
JUL 25 2014	Run31	50um/10Hz	BHVO-2G_10	0.00003	0.00001	0.00191	0.01156	0.03542	0.00000	0.03017	0.31038	0.05662	0.7035	8.7620	0.7034	0.0004
JUL 25 2014	Run32	50um/10Hz	BHVO-2G_11	0.00004	0.00002	0.00200	0.01189	0.03654	-0.00002	0.03112	0.32023	0.05731	0.7036	8.7641	0.7036	0.0005
JUL 25 2014	Run33	50um/10Hz	BHVO-2G_12	0.00005	0.00002	0.00201	0.01185	0.03657	0.00001	0.03112	0.32060	0.05774	0.7035	8.7671	0.7035	0.0005
JUL 25 2014	Run34	50um/10Hz	BHVO-2G_13	0.00003	0.00001	0.00197	0.01177	0.03623	0.00000	0.03085	0.31748	0.05699	0.7036	8.7638	0.7036	0.0005
JUL 25 2014	Run35	50um/10Hz	BHVO-2G_14	0.00004	0.00000	0.00197	0.01176	0.03625	0.00000	0.03086	0.31772	0.05682	0.7037	8.7644	0.7036	0.0005
JUL 25 2014	Run36	50um/10Hz	BHVO-2G_15	0.00002	0.00001	0.00193	0.01140	0.03568	0.00000	0.03028	0.31249	0.05656	0.7031	8.7587	0.7030	0.0005
JUL 25 2014	Run37	50um/10Hz	BHVO-2G_16	0.00005	0.00001	0.00197	0.01179	0.03625	0.00001	0.03086	0.31754	0.05706	0.7035	8.7619	0.7034	0.0006
JUL 25 2014	Run38	50um/10Hz	BHVO-2G_17	0.00004	0.00000	0.00197	0.01202	0.03647	-0.00001	0.03113	0.31954	0.05670	0.7040	8.7627	0.7039	0.0005
JUL 25 2014	Run39	50um/10Hz	BHVO-2G_18	0.00004	0.00001	0.00198	0.01199	0.03616	0.00000	0.03090	0.31694	0.05736	0.7039	8.7637	0.7039	0.0005
JUL 25 2014	Run40	50um/10Hz	BHVO-2G_19	0.00004	0.00000	0.00198	0.01213	0.03649	-0.00001	0.03117	0.31983	0.05693	0.7033	8.7641	0.7033	0.0006
JUL 25 2014	Run41	50um/10Hz	BHVO-2G_20	0.00004	0.00002	0.00196	0.01230	0.03630	0.00001	0.03112	0.31829	0.05657	0.7035	8.7669	0.7034	0.0005
JUL 26 2014	Run20	50um/10Hz	BHVO-2G_1	0.00004	0.00001	0.00173	0.01025	0.03169	-0.00001	0.02698	0.27806	0.05718	0.7036	8.7748	0.7036	0.0005
JUL 26 2014	Run21	50um/10Hz	BHVO-2G_2	0.00001	0.00002	0.00164	0.01011	0.03011	-0.00001	0.02576	0.26406	0.05721	0.7031	8.7688	0.7031	0.0006
JUL 26 2014	Run22	50um/10Hz	BHVO-2G_3	0.00003	-0.00001	0.00168	0.01031	0.03109	0.00000	0.02655	0.27264	0.05665	0.7032	8.7696	0.7032	0.0006
JUL 26 2014	Run23	50um/10Hz	BHVO-2G_4	0.00006	0.00001	0.00165	0.00976	0.03003	0.00001	0.02557	0.26335	0.05751	0.7032	8.7687	0.7033	0.0006
JUL 26 2014	Run24	50um/10Hz	BHVO-2G_5	0.00003	0.00000	0.00180	0.01007	0.03274	-0.00001	0.02766	0.28722	0.05756	0.7035	8.7724	0.7036	0.0005
JUL 26 2014	Run25	50um/10Hz	BHVO-2G_6	0.00004	0.00001	0.00185	0.01124	0.03389	0.00000	0.02895	0.29703	0.05724	0.7036	8.7641	0.7036	0.0006
JUL 26 2014	Run26	50um/10Hz	BHVO-2G_7	0.00005	0.00001	0.00181	0.01091	0.03292	0.00000	0.02813	0.28872	0.05779	0.7035	8.7687	0.7036	0.0005
JUL 26 2014	Run27	50um/10Hz	BHVO-2G_8	0.00004	0.00000	0.00177	0.01066	0.03255	0.00000	0.02776	0.28540	0.05701	0.7038	8.7692	0.7038	0.0005
JUL 26 2014	Run28	50um/10Hz	BHVO-2G_9	0.00005	0.00000	0.00180	0.01056	0.03273	0.00000	0.02784	0.28679	0.05747	0.7037	8.7635	0.7037	0.0005
JUL 26 2014	Run29	50um/10Hz	BHVO-2G_10	0.00004	0.00001	0.00174	0.01059	0.03213	-0.00001	0.02742	0.28170	0.05679	0.7033	8.7666	0.7033	0.0004
JUL 26 2014	Run30	50um/10Hz	BHVO-2G_11	0.00003	0.00000	0.00169	0.01040	0.03132	0.00000	0.02675	0.27462	0.05658	0.7031	8.7678	0.7031	0.0006
JUL 26 2014	Run31	50um/10Hz	BHVO-2G_12	0.00003	-0.00001	0.00176	0.01090	0.03241	-0.00001	0.02776	0.28429	0.05711	0.7037	8.7721	0.7037	0.0004
JUL 26 2014	Run32	50um/10Hz	BHVO-2G_13	0.00003	0.00002	0.00166	0.00975	0.03039	-0.00001	0.02585	0.26669	0.05744	0.7039	8.7747	0.7040	0.0006
JUL 26 2014	Run33	50um/10Hz	BHVO-2G_14	0.00002	0.00000	0.00160	0.00968	0.02946	0.00001	0.02514	0.25853	0.05689	0.7035	8.7743	0.7035	0.0005
JUL 26 2014	Run34	50um/10Hz	BHVO-2G_15	0.00005	0.00000	0.00157	0.00939	0.02855	0.00001	0.02436	0.25047	0.05750	0.7033	8.7700	0.7033	0.0007
JUL 26 2014	Run35	50um/10Hz	BHVO-2G_16	0.00003	0.00000	0.00172	0.01003	0.03178	-0.00002	0.02694	0.27893	0.05692	0.7032	8.7762	0.7032	0.0004
JUL 26 2014	Run36	50um/10Hz	BHVO-2G_17	0.00004	0.00001	0.00169	0.00988	0.03129	-0.00002	0.02654	0.27470	0.05663	0.7033	8.7765	0.7032	0.0005
JUL 26 2014	Run37	50um/10Hz	BHVO-2G_18	0.00005	0.00001	0.00161	0.00980	0.02958	0.00000	0.02528	0.25952	0.05689	0.7036	8.7734	0.7036	0.0006
JUL 26 2014	Run38	50um/10Hz	BHVO-2G_19	0.00002	-0.00001	0.00160	0.00956	0.02947	-0.00001	0.02510	0.25849	0.05685	0.7036	8.7706	0.7036	0.0007
JUL 26 2014	Run39	50um/10Hz	BHVO-2G_20	0.00002	0.00001	0.00160	0.00965	0.02963	0.00000	0.02525	0.25983	0.05653	0.7038	8.7679	0.7037	0.0005
JUN 02 2014	Run34	50um/10Hz	BHVO-2G-16	0.00005	0.00002	0.00214	0.01045	0.03911	0.00000	0.03238	0.34279	0.05733	0.7035	8.7642	0.7035	0.0004
JUN 02 2014	Run35	50um/10Hz	BHVO-2G-17	0.00005	0.00000	0.00203	0.00994	0.03753	0.00000	0.03104	0.32896	0.05666	0.7036	8.7644	0.7036	0.0005
JUN 02 2014	Run36	50um/10Hz	BHVO-2G-18	0.00004	-0.00001	0.00201	0.00995	0.03722	-0.00002	0.03082	0.32640	0.05673	0.7033	8.7696	0.7033	0.0004
JUN 02 2014	Run37	50um/10Hz	BHVO-2G-19	0.00004	0.00000	0.00199	0.01002	0.03672	-0.00001	0.03048	0.32183	0.05667	0.7032	8.7640	0.7032	0.0004
JUN 02 2014	Run38	50um/10Hz	BHVO-2G-20	0.00003	0.00000	0.00199	0.00998	0.03663	-0.00001	0.03041	0.32103	0.05701	0.7037	8.7653	0.7037	0.0005
JUN 02 2014	Run40	50um/10Hz	BHVO-2G-21	0.00003	0.00002	0.00212	0.01025	0.03865	0.00000	0.03198	0.33874	0.05744	0.7036	8.7631	0.7036	0.0004
JUN 02 2014	Run41	50um/10Hz	BHVO-2G-22	0.00005	0.00001	0.00202	0.01004	0.03731	0.00000	0.03092	0.32705	0.05676	0.7034	8.7656	0.7034	0.0004
JUN 02 2014	Run42	50um/10Hz	BHVO-2G-23	0.00005	0.00001	0.00203	0.01021	0.03748	-0.00001	0.03111	0.32852	0.05679	0.7035	8.7654	0.7035	0.0004
JUN 02 2014	Run43	50um/10Hz	BHVO-2G-24	0.00005	0.00002	0.00203	0.01025	0.03765	0.00001	0.03126	0.33002	0.05658	0.7035	8.7647	0.7035	0.0004
JUN 02 2014	Run44	50um/10Hz	BHVO-2G-25	0.00004	0.00000	0.00210	0.01045	0.03884	0.00000	0.03219	0.34030	0.05672	0.7038	8.7624	0.7038	0.0003
JUN 02 2014	Run46	50um/10Hz	BHVO-2G-26	0.00003	-0.00001	0.00195	0.00972	0.03563	-0.00001	0.02958	0.31218	0.05733	0.7037	8.7612	0.7037	0.0005
JUN 02 2014	Run47	50um/10Hz	BHVO-2G-27	0.00004	0.00001	0.00199	0.00973	0.03636	0.00000	0.03013	0.31883	0.05724	0.7037	8.7693	0.7037	0.0005
JUN 02 2014	Run48	50um/10Hz	BHVO-2G-28	0.00004	0.00001	0.00210	0.01009	0.03880	0.00000	0.03202	0.34012	0.05673	0.7035	8.7656	0.7035	0.0004
JUN 02 2014	Run49	50um/10Hz	BHVO-2G-29	0.00005	0.00000	0.00217	0.01042	0.03996	-0.00001	0.03299	0.35036	0.05685	0.7035	8.7679	0.7035	0.0004
JUN 02 2014	Run50	50um/10Hz	BHVO-2G-30	0.00004	0.00000	0.00195	0.00989	0.03595	0.00000	0.02988	0.31518	0.05688	0.7032	8.7685	0.7032	0.0005
Average and error in 2SD													**0.7035**	**0.0004**	**0.7035**	**0.0005**

Day	Run ID	Crater	Sample	^{83}Kr (V)	$^{83.5}$M (V)	^{84}Sr (V)	^{85}Rb (V)	^{86}Sr (V)	$^{86.5}$M (V)	^{87}Sr (V)	^{88}Sr (V)	^{84}Sr/^{86}Sr	^{87}Sr/^{86}Sr	^{88}Sr/^{86}Sr	^{87}Sr/^{86}Sr cor	2SE
JUL 27 2014	Run2	100um/10Hz	BCR-2G_1	0.00014	0.00003	0.00432	0.13576	0.08026	-0.00001	0.11296	0.70442	0.05648	0.70488	8.77626	0.70488	0.00052
JUL 27 2014	Run3	100um/10Hz	BCR-2G_2	0.00017	0.00003	0.00433	0.13609	0.07974	0.00002	0.11274	0.69979	0.05694	0.70523	8.77537	0.70524	0.00039
JUL 27 2014	Run4	100um/10Hz	BCR-2G_3	0.00015	0.00005	0.00432	0.13606	0.07953	0.00001	0.11257	0.69792	0.05702	0.70512	8.77507	0.70513	0.00042
JUL 27 2014	Run5	100um/10Hz	BCR-2G_4	0.00016	0.00003	0.00436	0.13599	0.08056	-0.00001	0.11327	0.70693	0.05678	0.70472	8.77516	0.70497	0.00049
JUL 27 2014	Run7	100um/10Hz	BCR-2G_6	0.00014	0.00002	0.00441	0.13720	0.08090	0.00001	0.11397	0.70981	0.05719	0.70467	8.77392	0.70498	0.00036
JUL 27 2014	Run8	100um/10Hz	BCR-2G_7	0.00015	0.00002	0.00449	0.13659	0.08272	0.00001	0.11503	0.72557	0.05690	0.70464	8.77185	0.70469	0.00036
JUL 27 2014	Run9	100um/10Hz	BCR-2G_8	0.00015	0.00002	0.00450	0.14468	0.08278	0.00000	0.11837	0.72613	0.05693	0.70480	8.77124	0.70467	0.00055
JUL 27 2014	Run10	100um/10Hz	BCR-2G_9	0.00014	0.00004	0.00468	0.14763	0.08640	0.00002	0.12219	0.75783	0.05679	0.70498	8.77120	0.70484	0.00037
JUL 27 2014	Run11	100um/10Hz	BCR-2G_10	0.00015	0.00004	0.00482	0.15370	0.08903	0.00001	0.12653	0.78103	0.05671	0.70476	8.77238	0.70501	0.00039
JUL 27 2014	Run13	100um/10Hz	BCR-2G_11	0.00018	0.00002	0.00485	0.16231	0.08926	0.00001	0.13020	0.78260	0.05695	0.70512	8.76735	0.70480	0.00071
JUL 27 2014	Run14	100um/10Hz	BCR-2G_12	0.00015	0.00003	0.00484	0.16377	0.08944	0.00001	0.13090	0.78423	0.05674	0.70486	8.76885	0.70519	0.00040
JUL 27 2014	Run15	100um/10Hz	BCR-2G_13	0.00015	0.00003	0.00479	0.16148	0.08842	0.00002	0.12922	0.77527	0.05677	0.70468	8.76767	0.70496	0.00047
JUL 27 2014	Run16	100um/10Hz	BCR-2G_14	0.00015	0.00004	0.00473	0.16152	0.08757	0.00001	0.12863	0.76814	0.05665	0.70469	8.77158	0.70478	0.00042
JUL 27 2014	Run17	100um/10Hz	BCR-2G_15	0.00015	0.00004	0.00471	0.15223	0.08698	0.00000	0.12443	0.76317	0.05683	0.70451	8.77388	0.70482	0.00045
JUL 27 2014	Run19	100um/10Hz	BCR-2G_16	0.00016	0.00003	0.00474	0.15804	0.08706	0.00001	0.12685	0.76355	0.05702	0.70489	8.76999	0.70469	0.00050
JUL 27 2014	Run20	100um/10Hz	BCR-2G_17	0.00014	0.00003	0.00469	0.15062	0.08648	0.00001	0.12342	0.75847	0.05682	0.70492	8.77002	0.70491	0.00043
JUL 27 2014	Run21	100um/10Hz	BCR-2G_18	0.00014	0.00004	0.00481	0.15730	0.08893	0.00002	0.12789	0.77993	0.05664	0.70478	8.76947	0.70494	0.00044
JUL 27 2014	Run22	100um/10Hz	BCR-2G_19	0.00014	0.00002	0.00456	0.15067	0.08419	0.00000	0.12176	0.73841	0.05673	0.70450	8.77042	0.70485	0.00036
JUL 27 2014	Run23	100um/10Hz	BCR-2G_20	0.00014	0.00003	0.00434	0.14427	0.08001	0.00001	0.11615	0.70182	0.05684	0.70437	8.77120	0.70459	0.00043
JUL 27 2014	Run25	100um/10Hz	BCR-2G_20	0.00014	0.00002	0.00433	0.14613	0.07952	0.00001	0.11654	0.69714	0.05707	0.70465	8.76628	0.70450	0.00046
JUL 27 2014	Run26	100um/10Hz	BCR-2G_21	0.00013	0.00004	0.00457	0.14750	0.08428	0.00001	0.12056	0.73905	0.05680	0.70487	8.76861	0.70470	0.00039
JUL 27 2014	Run27	100um/10Hz	BCR-2G_22	0.00016	0.00004	0.00479	0.14845	0.08870	0.00000	0.12412	0.77763	0.05660	0.70484	8.76674	0.70499	0.00030
JUL 27 2014	Run28	100um/10Hz	BCR-2G_23	0.00014	0.00003	0.00490	0.15379	0.09040	0.00001	0.12748	0.79235	0.05685	0.70470	8.76522	0.70502	0.00048
JUL 27 2014	Run29	100um/10Hz	BCR-2G_24	0.00016	0.00005	0.00497	0.15569	0.09163	0.00002	0.12915	0.80323	0.05686	0.70471	8.76605	0.70493	0.00048
JUL 27 2014	Run32	100um/10Hz	BCR-2G_25	0.00017	0.00003	0.00479	0.15387	0.08783	0.00002	0.12567	0.76993	0.05715	0.70477	8.76564	0.70500	0.00059
JUL 27 2014	Run33	100um/10Hz	BCR-2G_26	0.00015	0.00002	0.00470	0.15413	0.08681	0.00001	0.12505	0.76101	0.05667	0.70487	8.76606	0.70503	0.00044
JUL 27 2014	Run34	100um/10Hz	BCR-2G_27	0.00015	0.00004	0.00479	0.15653	0.08823	0.00001	0.12702	0.77336	0.05691	0.70465	8.76547	0.70521	0.00047
JUL 27 2014	Run35	100um/10Hz	BCR-2G_28	0.00015	0.00002	0.00511	0.16211	0.09432	0.00001	0.13366	0.82650	0.05675	0.70467	8.76219	0.70502	0.00053
JUL 27 2014	Run36	100um/10Hz	BCR-2G_29	0.00014	0.00002	0.00495	0.15888	0.09123	0.00002	0.13010	0.79909	0.05675	0.70451	8.75889	0.70508	0.00041
JUL 27 2014	Run38	100um/10Hz	BCR-2G_30	0.00015	0.00003	0.00478	0.14790	0.08809	0.00001	0.12342	0.77217	0.05693	0.70500	8.76570	0.70501	0.00055
JUL 27 2014	Run39	100um/10Hz	BCR-2G_31	0.00015	0.00002	0.00488	0.14975	0.08994	0.00000	0.12551	0.78829	0.05682	0.70501	8.76404	0.70519	0.00042
JUL 27 2014	Run40	100um/10Hz	BCR-2G_32	0.00014	0.00002	0.00504	0.15470	0.09298	0.00001	0.12970	0.81479	0.05684	0.70504	8.76317	0.70521	0.00042
JUL 27 2014	Run41	100um/10Hz	BCR-2G_33	0.00014	0.00003	0.00519	0.15843	0.09592	0.00000	0.13333	0.84036	0.05663	0.70509	8.76082	0.70525	0.00060
JUL 27 2014	Run42	100um/10Hz	BCR-2G_34	0.00015	0.00003	0.00522	0.15885	0.09660	0.00001	0.13400	0.84647	0.05655	0.70510	8.76208	0.70530	0.00046
JUL 27 2014	Run45	100um/10Hz	BCR-2G_35	0.00015	0.00003	0.00519	0.15108	0.09509	0.00001	0.12973	0.83301	0.05716	0.70475	8.76038	0.70532	0.00042
JUL 27 2014	Run46	100um/10Hz	BCR-2G_36	0.00014	0.00002	0.00493	0.14730	0.09104	0.00002	0.12532	0.79792	0.05668	0.70496	8.76439	0.70473	0.00044
JUL 27 2014	Run47	100um/10Hz	BCR-2G_37	0.00014	0.00003	0.00474	0.15163	0.08751	-0.00002	0.12451	0.76691	0.05671	0.70484	8.76362	0.70494	0.00043
JUL 27 2014	Run48	100um/10Hz	BCR-2G_38	0.00015	0.00003	0.00458	0.14789	0.08453	0.00000	0.12086	0.74097	0.05675	0.70485	8.76559	0.70481	0.00043
JUL 27 2014	Run49	100um/10Hz	BCR-2G_39	0.00015	0.00003	0.00450	0.14565	0.08336	0.00001	0.11912	0.73060	0.05661	0.70513	8.76420	0.70483	0.00035
Average and error in 2SD													**0.70482**	**0.00040**	**0.70495**	**0.00040**
JUL 27 2014	Run51	50um/10Hz	BCR-2G_40	0.00005	0.00001	0.00124	0.03832	0.02253	0.00001	0.03177	0.19751	0.05779	0.7050	8.7675	0.7050	0.0008
JUL 27 2014	Run52	50um/10Hz	BCR-2G_41	0.00003	-0.00001	0.00122	0.03799	0.02226	-0.00001	0.03145	0.19526	0.05765	0.7052	8.7717	0.7052	0.0009
JUL 27 2014	Run53	50um/10Hz	BCR-2G_42	0.00003	0.00000	0.00119	0.03741	0.02165	-0.00001	0.03077	0.18986	0.05740	0.7048	8.7688	0.7048	0.0009
JUL 27 2014	Run54	50um/10Hz	BCR-2G_43	0.00003	0.00001	0.00114	0.03621	0.02095	-0.00001	0.02979	0.18354	0.05696	0.7056	8.7606	0.7056	0.0009
JUL 27 2014	Run55	50um/10Hz	BCR-2G_44	0.00003	-0.00002	0.00116	0.03678	0.02122	0.00000	0.03020	0.18604	0.05727	0.7051	8.7679	0.7051	0.0010
JUL 27 2014	Run56	50um/10Hz	BCR-2G_45	0.00002	0.00000	0.00121	0.03815	0.02228	0.00000	0.03152	0.19538	0.05703	0.7048	8.7682	0.7049	0.0008
JUL 27 2014	Run57	50um/10Hz	BCR-2G_46	0.00004	0.00000	0.00120	0.03830	0.02213	0.00001	0.03148	0.19395	0.05684	0.7052	8.7627	0.7054	0.0009
JUL 27 2014	Run58	50um/10Hz	BCR-2G_47	0.00002	0.00001	0.00113	0.03583	0.02089	-0.00001	0.02958	0.18307	0.05647	0.7051	8.7624	0.7051	0.0011
JUL 27 2014	Run59	50um/10Hz	BCR-2G_48	0.00003	0.00000	0.00111	0.03595	0.02050	0.00000	0.02936	0.17969	0.05691	0.7057	8.7659	0.7057	0.0011
JUL 27 2014	Run60	50um/10Hz	BCR-2G_49	0.00004	0.00000	0.00112	0.03534	0.02048	0.00000	0.02909	0.17957	0.05711	0.7052	8.7665	0.7053	0.0011
JUL 27 2014	Run61	50um/10Hz	BCR-2G_50	0.00001	0.00001	0.00118	0.03739	0.02129	0.00000	0.03051	0.18674	0.05794	0.7054	8.7690	0.7055	0.0011
Average and error in 2SD													**0.7052**	**0.0006**	**0.7052**	**0.0006**
AUG 18 2014	Run02	50um/10Hz	BCR-2G_1	0.00003	0.00001	0.00147	0.05007	0.02921	-0.00001	0.04137	0.25609	0.05278	0.7047	8.7684	0.7054	0.0011
AUG 18 2014	Run03	50um/10Hz	BCR-2G_2	0.00005	0.00001	0.00158	0.05033	0.02959	-0.00001	0.04171	0.25925	0.05601	0.7035	8.7603	0.7046	0.0008
AUG 18 2014	Run04	50um/10Hz	BCR-2G_3	0.00005	0.00000	0.00177	0.05833	0.03270	0.00001	0.04718	0.28669	0.05683	0.7031	8.7680	0.7043	0.0011

AUG 18 2014 Run05	50um/10Hz	BCR-2G_4	0.00005	0.00000	0.00171	0.05685	0.03161	0.00000	0.04580	0.27715	0.05679	0.7044	8.7663	0.7046	0.0007
AUG 18 2014 Run06	50um/10Hz	BCR-2G_5	0.00003	0.00001	0.00173	0.05844	0.03230	-0.00001	0.04695	0.28284	0.05606	0.7049	8.7585	0.7049	0.0010
AUG 18 2014 Run08	50um/10Hz	BCR-2G_6	0.00003	0.00001	0.00170	0.05887	0.03265	0.00000	0.04737	0.28590	0.05452	0.7049	8.7569	0.7047	0.0009
AUG 18 2014 Run09	50um/10Hz	BCR-2G_7	0.00003	0.00000	0.00174	0.05903	0.03292	0.00001	0.04762	0.28812	0.05525	0.7050	8.7532	0.7048	0.0007
AUG 18 2014 Run10	50um/10Hz	BCR-2G_8	0.00004	0.00001	0.00173	0.05955	0.03272	0.00000	0.04769	0.28640	0.05529	0.7048	8.7547	0.7046	0.0006
AUG 18 2014 Run11	50um/10Hz	BCR-2G_9	0.00004	0.00002	0.00180	0.06027	0.03293	-0.00001	0.04810	0.28802	0.05727	0.7042	8.7481	0.7042	0.0006
AUG 18 2014 Run12	50um/10Hz	BCR-2G_10	0.00007	0.00002	0.00193	0.06047	0.03322	-0.00001	0.04837	0.29021	0.06082	0.7041	8.7383	0.7050	0.0005
AUG 18 2014 Run14	50um/10Hz	BCR-2G_11	0.00004	0.00001	0.00159	0.05436	0.03018	0.00000	0.04375	0.26427	0.05519	0.7050	8.7563	0.7049	0.0007
AUG 18 2014 Run15	50um/10Hz	BCR-2G_12	0.00005	0.00003	0.00164	0.05442	0.02978	0.00000	0.04347	0.26063	0.05746	0.7048	8.7522	0.7049	0.0007
AUG 18 2014 Run16	50um/10Hz	BCR-2G_13	0.00004	0.00000	0.00167	0.05784	0.03153	0.00000	0.04613	0.27604	0.05530	0.7051	8.7556	0.7049	0.0006
AUG 18 2014 Run17	50um/10Hz	BCR-2G_14	0.00002	0.00000	0.00163	0.05638	0.03072	0.00000	0.04495	0.26905	0.05558	0.7048	8.7570	0.7047	0.0007
AUG 18 2014 Run18	50um/10Hz	BCR-2G_15	0.00002	0.00000	0.00165	0.05704	0.03117	0.00000	0.04556	0.27297	0.05548	0.7054	8.7570	0.7053	0.0006
AUG 18 2014 Run20	50um/10Hz	BCR-2G_16	0.00003	0.00002	0.00169	0.06024	0.03288	0.00001	0.04810	0.28811	0.05375	0.7060	8.7631	0.7057	0.0007
AUG 18 2014 Run21	50um/10Hz	BCR-2G_17	0.00005	0.00001	0.00178	0.06200	0.03338	0.00000	0.04915	0.29231	0.05579	0.7055	8.7576	0.7054	0.0006
AUG 18 2014 Run22	50um/10Hz	BCR-2G_18	0.00004	0.00001	0.00179	0.05980	0.03244	0.00000	0.04758	0.28383	0.05774	0.7057	8.7499	0.7058	0.0006
AUG 18 2014 Run23	50um/10Hz	BCR-2G_19	0.00003	0.00002	0.00172	0.05990	0.03289	0.00000	0.04794	0.28796	0.05477	0.7054	8.7561	0.7051	0.0006
AUG 18 2014 Run24	50um/10Hz	BCR-2G_20	-0.00001	0.00002	0.00151	0.05992	0.03274	-0.00001	0.04788	0.28708	0.04766	0.7063	8.7714	0.7054	0.0005
AUG 18 2014 Run26	50um/10Hz	BCR-2G_21	0.00004	0.00000	0.00181	0.05990	0.03346	0.00000	0.04834	0.29274	0.05646	0.7056	8.7496	0.7055	0.0006
AUG 18 2014 Run27	50um/10Hz	BCR-2G_22	0.00006	0.00002	0.00179	0.05920	0.03300	0.00001	0.04772	0.28875	0.05685	0.7055	8.7502	0.7055	0.0004
AUG 18 2014 Run28	50um/10Hz	BCR-2G_23	0.00004	0.00000	0.00179	0.06155	0.03309	0.00000	0.04874	0.28958	0.05656	0.7054	8.7508	0.7053	0.0006
AUG 18 2014 Run29	50um/10Hz	BCR-2G_24	0.00003	0.00001	0.00140	0.04941	0.02717	0.00000	0.03958	0.23797	0.05406	0.7058	8.7578	0.7055	0.0007
AUG 18 2014 Run30	50um/10Hz	BCR-2G_25	0.00005	0.00000	0.00155	0.05109	0.02840	0.00001	0.04114	0.24857	0.05704	0.7058	8.7528	0.7058	0.0007
AUG 18 2014 Run32	50um/10Hz	BCR-2G_26	0.00002	0.00002	0.00156	0.05429	0.02983	0.00000	0.04347	0.26122	0.05497	0.7053	8.7581	0.7051	0.0008
AUG 18 2014 Run33	50um/10Hz	BCR-2G_27	0.00005	0.00002	0.00149	0.04995	0.02801	-0.00001	0.04039	0.24503	0.05572	0.7054	8.7500	0.7053	0.0007
AUG 18 2014 Run34	50um/10Hz	BCR-2G_28	0.00003	0.00001	0.00147	0.05002	0.02799	-0.00001	0.04041	0.24494	0.05502	0.7054	8.7529	0.7052	0.0006
AUG 18 2014 Run35	50um/10Hz	BCR-2G_29	0.00002	-0.00001	0.00149	0.05062	0.02845	0.00000	0.04098	0.24906	0.05463	0.7050	8.7553	0.7048	0.0007
AUG 18 2014 Run36	50um/10Hz	BCR-2G_30	0.00005	0.00002	0.00157	0.05321	0.02882	0.00000	0.04230	0.25213	0.05713	0.7056	8.7480	0.7056	0.0007
AUG 18 2014 Run38	50um/10Hz	BCR-2G_31	0.00004	0.00000	0.00148	0.05012	0.02778	-0.00001	0.04030	0.24328	0.05586	0.7052	8.7566	0.7051	0.0007
AUG 18 2014 Run39	50um/10Hz	BCR-2G_32	0.00003	0.00000	0.00142	0.04955	0.02739	0.00001	0.03978	0.23976	0.05409	0.7049	8.7556	0.7047	0.0008
AUG 18 2014 Run40	50um/10Hz	BCR-2G_33	0.00004	0.00001	0.00152	0.05214	0.02845	0.00000	0.04159	0.24896	0.05584	0.7051	8.7507	0.7050	0.0006
AUG 18 2014 Run41	50um/10Hz	BCR-2G_34	0.00001	0.00001	0.00137	0.05178	0.02867	0.00000	0.04165	0.25133	0.04997	0.7059	8.7651	0.7052	0.0008
AUG 18 2014 Run42	50um/10Hz	BCR-2G_35	0.00003	0.00002	0.00163	0.05348	0.02997	0.00000	0.04322	0.26214	0.05689	0.7051	8.7485	0.7050	0.0006
AUG 18 2014 Run44	50um/10Hz	BCR-2G_36	0.00003	0.00002	0.00168	0.05801	0.03173	0.00000	0.04635	0.27765	0.05534	0.7057	8.7515	0.7056	0.0007
AUG 18 2014 Run45	50um/10Hz	BCR-2G_37	0.00004	0.00001	0.00162	0.05264	0.02985	-0.00002	0.04278	0.26098	0.05691	0.7049	8.7446	0.7049	0.0005
AUG 18 2014 Run46	50um/10Hz	BCR-2G_38	0.00005	0.00001	0.00160	0.05318	0.02936	0.00002	0.04267	0.25674	0.05683	0.7054	8.7436	0.7054	0.0007
AUG 18 2014 Run47	50um/10Hz	BCR-2G_39	0.00004	0.00001	0.00158	0.05438	0.02924	-0.00001	0.04306	0.25587	0.05664	0.7052	8.7498	0.7052	0.0006
AUG 18 2014 Run48	50um/10Hz	BCR-2G_40	0.00002	0.00003	0.00162	0.05398	0.02945	0.00000	0.04303	0.25764	0.05737	0.7047	8.7474	0.7047	0.0006
AUG 18 2014 Run50	50um/10Hz	BCR-2G_41	0.00003	0.00001	0.00163	0.05523	0.03019	0.00001	0.04409	0.26414	0.05634	0.7053	8.7508	0.7052	0.0005
AUG 18 2014 Run51	50um/10Hz	BCR-2G_42	0.00005	0.00001	0.00169	0.05623	0.03109	0.00000	0.04515	0.27201	0.05679	0.7055	8.7501	0.7055	0.0006
AUG 18 2014 Run52	50um/10Hz	BCR-2G_43	0.00003	0.00002	0.00170	0.05725	0.03141	-0.00001	0.04580	0.27488	0.05648	0.7055	8.7504	0.7055	0.0007
AUG 18 2014 Run53	50um/10Hz	BCR-2G_44	0.00002	0.00001	0.00169	0.05870	0.03214	0.00000	0.04692	0.28136	0.05501	0.7056	8.7540	0.7054	0.0005
AUG 18 2014 Run54	50um/10Hz	BCR-2G_45	0.00004	0.00001	0.00164	0.05592	0.03103	0.00000	0.04498	0.27158	0.05548	0.7055	8.7537	0.7054	0.0005
AUG 18 2014 Run56	50um/10Hz	BCR-2G_46	0.00004	0.00002	0.00159	0.05421	0.03041	-0.00001	0.04385	0.26618	0.05469	0.7055	8.7542	0.7053	0.0006
AUG 18 2014 Run57	50um/10Hz	BCR-2G_47	0.00003	0.00001	0.00169	0.05576	0.03096	0.00001	0.04488	0.27096	0.05726	0.7056	8.7512	0.7056	0.0007
AUG 18 2014 Run58	50um/10Hz	BCR-2G_48	0.00003	0.00001	0.00157	0.05413	0.02990	0.00000	0.04343	0.26160	0.05489	0.7053	8.7505	0.7051	0.0007
AUG 18 2014 Run59	50um/10Hz	BCR-2G_49	0.00002	0.00001	0.00161	0.05519	0.03013	0.00001	0.04404	0.26366	0.05590	0.7052	8.7498	0.7051	0.0010
AUG 18 2014 Run60	50um/10Hz	BCR-2G_50	0.00004	0.00001	0.00180	0.06124	0.03307	0.00000	0.04860	0.28928	0.05701	0.7054	8.7486	0.7054	0.0005
Average and error in 2SD												**0.7052**	**0.0012**	**0.7051**	**0.0008**

Day	Run ID	Crater	Sample	^{83}Kr (V)	$^{83.5}$M (V)	^{84}Sr (V)	^{85}Rb (V)	^{86}Sr (V)	$^{86.5}$M (V)	^{87}Sr (V)	^{88}Sr (V)	^{84}Sr/^{86}Sr	^{87}Sr/^{86}Sr	^{88}Sr/^{86}Sr	^{87}Sr/^{86}Sr cor	2SE
AUG 05 2014	Run09	100um/10Hz	KL2-G	0.00013	0.00001	0.00393	0.01973	0.07168	0.00000	0.05970	0.63032	0.05758	0.70350	8.79421	0.70355	0.00057
AUG 05 2014	Run10	100um/10Hz	KL2-G	0.00012	0.00003	0.00384	0.01932	0.07118	0.00001	0.05917	0.62591	0.05676	0.70355	8.79388	0.70353	0.00047
AUG 05 2014	Run11	100um/10Hz	KL2-G	0.00011	0.00002	0.00367	0.01885	0.06796	0.00001	0.05665	0.59742	0.05673	0.70359	8.79029	0.70356	0.00059
AUG 05 2014	Run12	100um/10Hz	KL2-G	0.00013	0.00001	0.00376	0.01982	0.06933	0.00000	0.05803	0.60958	0.05695	0.70341	8.79209	0.70340	0.00054
AUG 05 2014	Run13	100um/10Hz	KL2-G	0.00012	0.00001	0.00378	0.02076	0.07015	0.00002	0.05902	0.61687	0.05657	0.70357	8.79367	0.70353	0.00063
Average and error in 2SD													**0.70352**	**0.00014**	**0.70351**	**0.00013**
AUG 05 2014	Run15	100um/10Hz	ML3B-G	0.00011	0.00001	0.00293	0.01314	0.05360	0.00000	0.04400	0.47108	0.05741	0.70406	8.78952	0.70410	0.00076
AUG 05 2014	Run17	100um/10Hz	ML3B-G	0.00008	0.00001	0.00245	0.01161	0.04579	0.00001	0.03774	0.40244	0.05632	0.70396	8.78979	0.70389	0.00094
AUG 05 2014	Run18	100um/10Hz	ML3B-G	0.00009	0.00002	0.00249	0.01159	0.04615	-0.00001	0.03801	0.40592	0.05662	0.70403	8.79701	0.70399	0.00086
AUG 05 2014	Run21	50um/10Hz	ML3B-G	0.00012	0.00001	0.00294	0.01308	0.05349	-0.00001	0.04388	0.47018	0.05780	0.70375	8.78968	0.70377	0.00071
AUG 05 2014	Run22	50um/10Hz	ML3B-G	0.00010	0.00001	0.00298	0.01356	0.05483	-0.00001	0.04505	0.48194	0.05702	0.70385	8.78905	0.70380	0.00067
AUG 05 2014	Run23	50um/10Hz	ML3B-G	0.00007	0.00002	0.00311	0.01750	0.05770	-0.00001	0.04867	0.50609	0.05657	0.70382	8.77115	0.70371	0.00070
AUG 05 2014	Run24	50um/10Hz	ML3B-G	0.00007	0.00001	0.00305	0.01683	0.05628	-0.00001	0.04737	0.49375	0.05680	0.70370	8.77283	0.70355	0.00075
AUG 05 2014	Run25	50um/10Hz	ML3B-G	0.00007	0.00002	0.00305	0.01732	0.05636	0.00001	0.04761	0.49432	0.05673	0.70374	8.77143	0.70349	0.00072
Average and error in 2SD													**0.70386**	**0.07973**	**0.70379**	**0.00027**