

Appendix G

Radiological Dataset

Appendix G.1

Radiological Dataset, Survey Unit 2

Survey Unit 02 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0016-A	FS	PARAGON	LSC	Tc-99	-0.59	0.96	1.64	U
0016-A	FS	PARAGON	LSC	Pu-241	-1.6	3.3	5.7	U
0016-A	FS	PARAGON	Gamma	Am-241	-0.006	0.081	0.143	U
0016-A	FS	PARAGON	Gamma	Th-232	1.21	0.42	0.67	J
0016-A	FS	PARAGON	Gamma	U-235	0.07	0.32	0.55	U
0016-A	FS	PARAGON	Alpha	Am-241	0.004	0.01	0.015	U
0016-A	FS	PARAGON	Alpha	Pu-238	0	0.012	0.018	U
0016-A	FS	PARAGON	Alpha	Pu-239/240	0.014	0.014	0.018	U
0016-A	FS	PARAGON	Alpha	Pu-242	0.008	0.013	0.024	U
0016-A	FS	PARAGON	Alpha	Th-230	1.16	0.23	0.06	
0016-A	FS	PARAGON	Alpha	Th-232	1.36	0.26	0.04	
0016-A	FS	PARAGON	Alpha	U-233/234	1.18	0.23	0.05	
0016-A	FS	PARAGON	Alpha	U-235	0.064	0.04	0.036	
0016-A	FS	PARAGON	Alpha	U-238	1.03	0.21	0.03	
0016-A	FS	NFS	Gamma	Am-241	0.0978	0.2776	0.4692	U
0016-A	FS	NFS	Gamma	Th-232	1.389	0.2468	0.389	
0016-A	FS	NFS	Gamma	U-235	0.086	0.0579	0.0976	U
0016-A	FS	NFS	Gamma	U-238	-10.29	-6.037	10.52	U
0016-A	LR	PARAGON	Gamma	Am-241	0.061	0.095	0.157	U
0016-A	LR	PARAGON	Gamma	Th-232	1.19	0.44	0.72	J
0016-A	LR	PARAGON	Gamma	U-235	0.22	0.34	0.56	U
0016-A-DUP	FD	PARAGON	LSC	Tc-99	-0.32	0.94	1.6	U
0016-B	FS	NFS	Gamma	Am-241	-0.1579	-0.4544	0.772	U
0016-B	FS	NFS	Gamma	Th-232	0.9073	0.2394	0.386	
0016-B	FS	NFS	Gamma	U-235	0.1145	0.0539	0.0892	
0016-B	FS	NFS	Gamma	U-238	-3.509	-14.51	10.22	U
0016-C	FS	NFS	Gamma	Am-241	0.2565	0.2828	0.4759	U
0016-C	FS	NFS	Gamma	Th-232	1.273	0.2632	0.4202	
0016-C	FS	NFS	Gamma	U-235	0.1204	0.0585	0.0976	
0016-C	FS	NFS	Gamma	U-238	-9.978	-5.619	9.844	U
0016-D	FS	NFS	Gamma	Am-241	0.0866	0.4465	0.7557	U
0016-D	FS	NFS	Gamma	Th-232	0.9785	0.2565	0.4037	
0016-D	FS	NFS	Gamma	U-235	0.0527	0.0631	0.1063	U
0016-D	FS	NFS	Gamma	U-238	3.817	5.59	9.439	U
0016-E	FS	NFS	Gamma	Am-241	-0.064	-0.2891	0.4909	U
0016-E	FS	NFS	Gamma	Th-232	1.197	0.2516	0.4003	
0016-E	FS	NFS	Gamma	U-235	0.1502	0.0583	0.0967	
0016-E	FS	NFS	Gamma	U-238	3.356	5.501	8.915	U
0016-F	FS	NFS	Gamma	Am-241	0.2059	0.4403	0.7436	U
0016-F	FS	NFS	Gamma	Th-232	0.8002	0.2517	0.4108	
0016-F	FS	NFS	Gamma	U-235	0.0505	0.0606	0.0992	U
0016-F	FS	NFS	Gamma	U-238	5.337	4.865	8.15	U
0016-G	FS	NFS	Gamma	Am-241	-0.032	-0.2673	0.4539	U
0016-G	FS	NFS	Gamma	Th-232	1.018	0.2905	0.4736	
0016-G	FS	NFS	Gamma	U-235	0.0615	0.0573	0.0964	U
0016-G	FS	NFS	Gamma	U-238	-9.626	-7.269	12.57	U
0016-H	FS	NFS	Gamma	Am-241	0.3704	0.2724	0.4564	U
0016-H	FS	NFS	Gamma	Th-232	1.232	0.2959	0.4791	
0016-H	FS	NFS	Gamma	U-235	0.0456	0.0574	0.0968	U
0016-H	FS	NFS	Gamma	U-238	6.817	5.426	9.066	U
0016-I	FS	NFS	Gamma	Am-241	-0.3298	-0.4099	0.7004	U
0016-I	FS	NFS	Gamma	Th-232	1.645	0.2896	0.4587	
0016-I	FS	NFS	Gamma	U-235	0.0539	0.0631	0.1059	U
0016-I	FS	NFS	Gamma	U-238	-0.2324	-6.273	10.71	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0016-J	FS	NFS	Gamma	Am-241	0.112	0.3074	0.5197	U
0016-J	FS	NFS	Gamma	Th-232	1.18	0.2926	0.4723	
0016-J	FS	NFS	Gamma	U-235	0.0411	0.0629	0.1061	U
0016-J	FS	NFS	Gamma	U-238	3.431	6.319	13.47	U
0017-A	FS	NFS	Gamma	Am-241	0.1434	0.2779	0.4691	U
0017-A	FS	NFS	Gamma	Th-232	1.285	0.2444	0.3861	
0017-A	FS	NFS	Gamma	U-235	0.2083	0.057	0.094	
0017-A	FS	NFS	Gamma	U-238	-5.654	-5.116	9.547	U
0017-B	FS	NFS	Gamma	Am-241	0.3615	0.6311	0.7754	U
0017-B	FS	NFS	Gamma	Th-232	1.239	0.2217	0.3432	
0017-B	FS	NFS	Gamma	U-235	0.1543	0.0542	0.089	
0017-B	FS	NFS	Gamma	U-238	0.4638	5.389	9.378	U
0017-C	FS	NFS	Gamma	Am-241	0.0141	0.2996	0.5076	U
0017-C	FS	NFS	Gamma	Th-232	1.303	0.2452	0.3864	
0017-C	FS	NFS	Gamma	U-235	0.1169	0.0587	0.0983	
0017-C	FS	NFS	Gamma	U-238	-13.97	-6.682	11.69	U
0017-D	FS	NFS	Gamma	Am-241	-0.1707	-0.4688	0.7968	U
0017-D	FS	NFS	Gamma	Th-232	1.203	0.2535	0.4028	
0017-D	FS	NFS	Gamma	U-235	0.1883	0.0595	0.0979	
0017-D	FS	NFS	Gamma	U-238	-4.647	-5.864	11.48	U
0017-D-DUP	FD	NFS	Gamma	Am-241	-0.4356	-0.3081	0.5275	U
0017-D-DUP	FD	NFS	Gamma	Th-232	1.909	0.2526	0.3832	
0017-D-DUP	FD	NFS	Gamma	U-235	0.0504	0.0608	0.1022	U
0017-D-DUP	FD	NFS	Gamma	U-238	-1.161	-8.584	11.9	U
0017-E	FS	PARAGON	LSC	Tc-99	-1.13	0.91	1.57	U
0017-E	FS	PARAGON	LSC	Pu-241	-1.4	2.9	5	U
0017-E	FS	PARAGON	Gamma	Am-241	-0.023	0.095	0.172	U
0017-E	FS	PARAGON	Gamma	Th-232	0.95	0.47	0.83	J
0017-E	FS	PARAGON	Gamma	U-235	0.14	0.36	0.61	U
0017-E	FS	PARAGON	Alpha	Am-241	0.0037	0.0091	0.005	U
0017-E	FS	PARAGON	Alpha	Pu-238	0	0.011	0.006	U
0017-E	FS	PARAGON	Alpha	Pu-239/240	0	0.011	0.016	U
0017-E	FS	PARAGON	Alpha	Pu-242	0.0015	0.0092	0.0178	U
0017-E	FS	PARAGON	Alpha	Th-230	1.09	0.21	0.05	
0017-E	FS	PARAGON	Alpha	Th-232	1.05	0.2	0.03	
0017-E	FS	PARAGON	Alpha	U-233/234	0.91	0.2	0.04	
0017-E	FS	PARAGON	Alpha	U-235	0.055	0.037	0.03	
0017-E	FS	PARAGON	Alpha	U-238	0.91	0.2	0.03	
0017-E	FS	NFS	Gamma	Am-241	0.2903	0.3921	0.6607	U
0017-E	FS	NFS	Gamma	Th-232	1.559	0.2713	0.4273	
0017-E	FS	NFS	Gamma	U-235	0.0224	0.0568	0.0961	U
0017-E	FS	NFS	Gamma	U-238	-4.984	-5.173	11.08	U
0017-E	LR	PARAGON	LSC	Pu-241	-1.3	3.1	5.3	U
0017-E	LR	PARAGON	Alpha	Pu-242	0.012	0.014	0.023	U
0017-E	LR	PARAGON	Alpha	Th-230	0.95	0.18	0.05	R
0017-E	LR	PARAGON	Alpha	Th-232	0.96	0.19	0.02	
0017-F	FS	NFS	Gamma	Am-241	-0.1907	-0.2371	0.4047	U
0017-F	FS	NFS	Gamma	Th-232	0.8693	0.1864	0.295	
0017-F	FS	NFS	Gamma	U-235	0.0866	0.0468	0.0781	
0017-F	FS	NFS	Gamma	U-238	-3.521	-5.868	10.08	U
0017-G	FS	NFS	Gamma	Am-241	-0.1259	-0.3317	0.5652	U
0017-G	FS	NFS	Gamma	Th-232	0.4652	0.2391	0.3941	
0017-G	FS	NFS	Gamma	U-235	0.0515	0.0554	0.0888	U
0017-G	FS	NFS	Gamma	U-238	0.8767	5.305	8.976	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0017-H	FS	NFS	Gamma	Am-241	-0.3901	-0.3562	0.6104	U
0017-H	FS	NFS	Gamma	Th-232	0.6734	0.3065	0.4829	
0017-H	FS	NFS	Gamma	U-235	0.1647	0.056	0.0925	
0017-H	FS	NFS	Gamma	U-238	11.83	6.607	10.35	
0017-I	FS	NFS	Gamma	Am-241	0.0094	-0.2862	0.4849	U
0017-I	FS	NFS	Gamma	Th-232	1.836	0.2209	0.3333	
0017-I	FS	NFS	Gamma	U-235	0.1326	0.0531	0.0883	
0017-I	FS	NFS	Gamma	U-238	-9.09	-5.332	9.303	U
0017-J	FS	NFS	Gamma	Am-241	-0.2578	-0.3772	0.6433	U
0017-J	FS	NFS	Gamma	Th-232	1.336	0.2509	0.3981	
0017-J	FS	NFS	Gamma	U-235	0.1095	0.0539	0.0894	
0017-J	FS	NFS	Gamma	U-238	-1.182	-16.18	9.331	U
0018-A	FS	NFS	Gamma	Am-241	0.2721	0.3842	0.6475	U
0018-A	FS	NFS	Gamma	Th-232	1.561	0.2716	0.4306	
0018-A	FS	NFS	Gamma	U-235	0.0296	0.057	0.0952	U
0018-A	FS	NFS	Gamma	U-238	-0.0533	-5.628	10.2	U
0018-B	FS	PARAGON	LSC	Tc-99	-0.78	0.94	1.61	U
0018-B	FS	PARAGON	LSC	Pu-241	-1.3	3	5.1	U
0018-B	FS	PARAGON	Gamma	Am-241	0.083	0.082	0.131	U
0018-B	FS	PARAGON	Gamma	Th-232	1.27	0.35	0.65	
0018-B	FS	PARAGON	Gamma	U-235	0.04	0.29	0.5	U
0018-B	FS	PARAGON	Alpha	Am-241	0.008	0.013	0.019	U
0018-B	FS	PARAGON	Alpha	Pu-238	0	0.011	0.021	U
0018-B	FS	PARAGON	Alpha	Pu-239/240	0.014	0.011	0.006	
0018-B	FS	PARAGON	Alpha	Pu-242	0.01	0.011	0.017	U
0018-B	FS	PARAGON	Alpha	Th-230	1.01	0.19	0.04	
0018-B	FS	PARAGON	Alpha	Th-232	1.23	0.23	0.01	
0018-B	FS	PARAGON	Alpha	U-233/234	1.03	0.22	0.06	
0018-B	FS	PARAGON	Alpha	U-235	0.002	0.021	0.038	U
0018-B	FS	PARAGON	Alpha	U-238	0.83	0.19	0.05	
0018-B	FS	NFS	Gamma	Am-241	-0.0362	-0.2999	0.5088	U
0018-B	FS	NFS	Gamma	Th-232	1.292	0.2463	0.3902	
0018-B	FS	NFS	Gamma	U-235	0.0021	0.0573	0.097	U
0018-B	FS	NFS	Gamma	U-238	-7.999	-6.52	11.27	U
0018-B	LR	PARAGON	Alpha	Am-241	-0.002	0.0096	0.0212	U
0018-B	LR	PARAGON	Alpha	Pu-238	-0.005	0.011	0.025	U
0018-B	LR	PARAGON	Alpha	Pu-239/240	0.007	0.011	0.017	U
0018-B	LR	PARAGON	Alpha	U-233/234	1.17	0.25	0.04	
0018-B	LR	PARAGON	Alpha	U-235	0.078	0.047	0.018	
0018-B	LR	PARAGON	Alpha	U-238	0.9	0.2	0.04	
0018-C	FS	NFS	Gamma	Am-241	0.2768	0.3843	0.6476	U
0018-C	FS	NFS	Gamma	Th-232	1.316	0.2914	0.4672	
0018-C	FS	NFS	Gamma	U-235	0.0329	0.0635	0.0996	U
0018-C	FS	NFS	Gamma	U-238	1.174	5.842	10.01	U
0018-D	FS	NFS	Gamma	Am-241	-0.2042	-0.2979	0.5077	U
0018-D	FS	NFS	Gamma	Th-232	1.301	0.2355	0.3725	
0018-D	FS	NFS	Gamma	U-235	0.0866	0.0544	0.0909	U
0018-D	FS	NFS	Gamma	U-238	-7.896	-6.506	11.25	U
0018-E	FS	NFS	Gamma	Am-241	0.2821	0.3591	0.6048	U
0018-E	FS	NFS	Gamma	Th-232	0.8764	0.2949	0.4851	
0018-E	FS	NFS	Gamma	U-235	0.0623	0.0535	0.0886	U
0018-E	FS	NFS	Gamma	U-238	5.958	5.338	8.944	U
0018-F	FS	NFS	Gamma	Am-241	-0.1883	-0.2964	0.5049	U
0018-F	FS	NFS	Gamma	Th-232	1.446	0.2472	0.3851	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0018-F	FS	NFS	Gamma	U-235	0.0643	0.0603	0.1013	U
0018-F	FS	NFS	Gamma	U-238	-6.619	-7.257	12.5	U
0018-G	FS	NFS	Gamma	Am-241	-0.1849	-0.2677	0.4565	U
0018-G	FS	NFS	Gamma	Th-232	0.9309	0.259	0.422	
0018-G	FS	NFS	Gamma	U-235	0.0552	0.0517	0.0867	U
0018-G	FS	NFS	Gamma	U-238	-0.7918	-5.952	10.16	U
0018-H	FS	NFS	Gamma	Am-241	0.1922	0.2313	0.3894	U
0018-H	FS	NFS	Gamma	Th-232	0.6456	0.2293	0.3764	
0018-H	FS	NFS	Gamma	U-235	0.0575	0.0465	0.078	U
0018-H	FS	NFS	Gamma	U-238	-3.16	-8.676	8.536	U
0018-I	FS	NFS	Gamma	Am-241	0.0844	0.3292	0.5578	U
0018-I	FS	NFS	Gamma	Th-232	1.06	0.203	0.3187	
0018-I	FS	NFS	Gamma	U-235	0.0464	0.0511	0.086	U
0018-I	FS	NFS	Gamma	U-238	3.048	4.662	7.877	U
0018-I-DUP	FD	NFS	Gamma	Am-241	-0.4723	-0.2418	0.4161	U
0018-I-DUP	FD	NFS	Gamma	Th-232	0.6444	0.1936	0.3138	
0018-I-DUP	FD	NFS	Gamma	U-235	0.0604	0.0487	0.0817	U
0018-I-DUP	FD	NFS	Gamma	U-238	0.0736	3.823	6.542	U
0018-J	FS	NFS	Gamma	Am-241	-0.17	-0.2644	0.4508	U
0018-J	FS	NFS	Gamma	Th-232	0.5901	0.2256	0.3702	
0018-J	FS	NFS	Gamma	U-235	-0.0227	-0.0507	0.0861	U
0018-J	FS	NFS	Gamma	U-238	8.351	5.855	9.773	U
0019-A	FS	NFS	Gamma	Am-241	0.6558	0.3369	0.5617	
0019-A	FS	NFS	Gamma	Th-232	2.006	0.3243	0.5052	
0019-A	FS	NFS	Gamma	U-235	0.2086	0.0757	0.1251	
0019-A	FS	NFS	Gamma	U-238	6.119	13.32	22.12	U
0019-B	FS	NFS	Gamma	Am-241	0.0662	0.3142	0.5326	U
0019-B	FS	NFS	Gamma	Th-232	1.17	0.2146	0.3372	
0019-B	FS	NFS	Gamma	U-235	0.0598	0.0544	0.0865	U
0019-B	FS	NFS	Gamma	U-238	4.064	5.369	9.053	U
0019-C	FS	NFS	Gamma	Am-241	0.1305	0.2614	0.4414	U
0019-C	FS	NFS	Gamma	Th-232	0.5906	0.2337	0.3825	
0019-C	FS	NFS	Gamma	U-235	0.1106	0.0545	0.0908	
0019-C	FS	NFS	Gamma	U-238	-2.42	-5.437	9.345	U
0019-D	FS	NFS	Gamma	Am-241	0.0417	0.3947	0.6688	U
0019-D	FS	NFS	Gamma	Th-232	0.9438	0.2648	0.4305	
0019-D	FS	NFS	Gamma	U-235	0.038	0.0527	0.0889	U
0019-D	FS	NFS	Gamma	U-238	-17.09	-6.789	11.92	U
0019-E	FS	NFS	Gamma	Am-241	-0.4197	-0.4065	0.6952	U
0019-E	FS	NFS	Gamma	Th-232	1.664	0.2798	0.4438	
0019-E	FS	NFS	Gamma	U-235	0.1218	0.0571	0.0951	
0019-E	FS	NFS	Gamma	U-238	-5.08	-5.111	8.882	U
0019-F	FS	NFS	Gamma	Am-241	-0.1274	-0.4019	0.6832	U
0019-F	FS	NFS	Gamma	Th-232	1.23	0.2248	0.3548	
0019-F	FS	NFS	Gamma	U-235	0.11	0.0487	0.0796	
0019-F	FS	NFS	Gamma	U-238	1.728	5.271	8.949	U
0020-A	FS	PARAGON	LSC	Tc-99	-0.32	0.94	1.59	U
0020-A	FS	PARAGON	LSC	Pu-241	0.2	3.1	5.3	U
0020-A	FS	PARAGON	Gamma	Am-241	0.012	0.08	0.141	U
0020-A	FS	PARAGON	Gamma	Th-232	0.82	0.36	0.7	J
0020-A	FS	PARAGON	Gamma	U-235	-0.26	0.26	0.51	U
0020-A	FS	PARAGON	Alpha	Am-241	0.026	0.015	0.005	
0020-A	FS	PARAGON	Alpha	Pu-238	-0.003	0.012	0.019	U
0020-A	FS	PARAGON	Alpha	Pu-239/240	0.096	0.036	0.019	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0020-A	FS	PARAGON	Alpha	Pu-242	0.007	0.012	0.021	U
0020-A	FS	PARAGON	Alpha	Th-230	0.91	0.18	0.06	
0020-A	FS	PARAGON	Alpha	Th-232	0.72	0.15	0.03	
0020-A	FS	PARAGON	Alpha	U-233/234	1.22	0.23	0.05	
0020-A	FS	PARAGON	Alpha	U-235	0.04	0.032	0.044	U
0020-A	FS	PARAGON	Alpha	U-238	0.89	0.18	0.02	
0020-A	FS	NFS	Gamma	Am-241	0.6505	0.2686	0.4452	
0020-A	FS	NFS	Gamma	Th-232	0.951	0.2445	0.3939	
0020-A	FS	NFS	Gamma	U-235	0.0828	0.0572	0.0959	U
0020-A	FS	NFS	Gamma	U-238	2.368	5.277	9.097	U
0020-A	LR	PARAGON	Gamma	Am-241	0.012	0.076	0.132	U
0020-A	LR	PARAGON	Gamma	Th-232	0.52	0.25	0.43	J
0020-A	LR	PARAGON	Gamma	U-235	0.26	0.27	0.44	U
0020-B	FS	NFS	Gamma	Am-241	2.137	0.4589	0.7395	
0020-B	FS	NFS	Gamma	Th-232	2.125	0.2302	0.3402	
0020-B	FS	NFS	Gamma	U-235	0.4481	0.0622	0.0984	
0020-B	FS	NFS	Gamma	U-238	0.0395	8.028	10.19	U
0020-C	FS	NFS	Gamma	Am-241	5.228	0.5959	0.9418	
0020-C	FS	NFS	Gamma	Th-232	11.37	0.4678	0.632	
0020-C	FS	NFS	Gamma	U-235	2.125	0.1048	0.1576	
0020-C	FS	NFS	Gamma	U-238	35.8	7.998	12.92	
0020-D	FS	NFS	Gamma	Am-241	-0.3393	-0.4328	0.7378	U
0020-D	FS	NFS	Gamma	Th-232	1.278	0.2799	0.4498	J
0020-D	FS	NFS	Gamma	U-235	0.0588	0.055	0.0924	UJ
0020-D	FS	NFS	Gamma	U-238	5.291	5.133	8.616	U
0020-D-DUP	FD	NFS	Gamma	Am-241	-0.0088	-0.3177	0.538	U
0020-D-DUP	FD	NFS	Gamma	Th-232	2.517	0.2829	0.4311	J
0020-D-DUP	FD	NFS	Gamma	U-235	0.334	0.0616	0.1003	J
0020-D-DUP	FD	NFS	Gamma	U-238	-7.723	-7.137	12.28	U
0020-E	FS	NFS	Gamma	Am-241	-0.0724	-0.4215	0.7155	U
0020-E	FS	NFS	Gamma	Th-232	2.771	0.2459	0.3558	
0020-E	FS	NFS	Gamma	U-235	0.3187	0.0654	0.1048	
0020-E	FS	NFS	Gamma	U-238	8.07	5.412	9.017	U
0021-A	FS	NFS	Gamma	Am-241	-0.3903	-0.356	0.6091	U
0021-A	FS	NFS	Gamma	Th-232	1.126	0.2642	0.4232	
0021-A	FS	NFS	Gamma	U-235	0.2126	0.0611	0.1005	
0021-A	FS	NFS	Gamma	U-238	2.643	3.406	7.096	U
0021-B	FS	NFS	Gamma	Am-241	0.1119	0.2749	0.4646	U
0021-B	FS	NFS	Gamma	Th-232	0.0163	0.2183	0.3716	U
0021-B	FS	NFS	Gamma	U-235	0.0562	0.0537	0.0899	U
0021-B	FS	NFS	Gamma	U-238	1.724	5.152	8.922	U
0021-C	FS	NFS	Gamma	Am-241	0.3367	0.315	0.5287	U
0021-C	FS	NFS	Gamma	Th-232	0.6848	0.2175	0.3549	
0021-C	FS	NFS	Gamma	U-235	0.0722	0.0445	0.0744	U
0021-C	FS	NFS	Gamma	U-238	7.503	4.244	7.011	
0021-D	FS	PARAGON	LSC	Tc-99	-0.4	1.1	1.8	U
0021-D	FS	PARAGON	LSC	Pu-241	4	3.9	6.3	U
0021-D	FS	PARAGON	Gamma	Am-241	-0.001	0.074	0.132	U
0021-D	FS	PARAGON	Gamma	Th-232	0.96	0.32	0.51	
0021-D	FS	PARAGON	Gamma	U-235	0.05	0.28	0.49	U
0021-D	FS	PARAGON	Alpha	Am-241	0.008	0.013	0.007	J
0021-D	FS	PARAGON	Alpha	Pu-238	0	0.019	0.01	U
0021-D	FS	PARAGON	Alpha	Pu-239/240	-0.004	0.019	0.035	U
0021-D	FS	PARAGON	Alpha	Pu-242	0.006	0.012	0.008	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0021-D	FS	PARAGON	Alpha	Th-230	0.69	0.14	0.05	
0021-D	FS	PARAGON	Alpha	Th-232	1.06	0.2	0.02	
0021-D	FS	PARAGON	Alpha	U-233/234	1	0.22	0.08	
0021-D	FS	PARAGON	Alpha	U-235	0.073	0.048	0.02	J
0021-D	FS	PARAGON	Alpha	U-238	0.84	0.2	0.06	
0021-D	FS	NFS	Gamma	Am-241	0.7155	0.266	0.4395	
0021-D	FS	NFS	Gamma	Th-232	1.264	0.211	0.3264	
0021-D	FS	NFS	Gamma	U-235	0.1532	0.0539	0.0893	
0021-D	FS	NFS	Gamma	U-238	7.408	5.007	8.342	U
0021-D	LR	PARAGON	Alpha	Am-241	0.013	0.012	0.007	
0021-D	LR	PARAGON	Alpha	Pu-238	0	0.01	0.02	U
0021-D	LR	PARAGON	Alpha	Pu-239/240	0.009	0.012	0.02	U
0021-E	FS	NFS	Gamma	Am-241	-0.2513	-0.3075	0.605	U
0021-E	FS	NFS	Gamma	Th-232	1.576	0.2362	0.3671	
0021-E	FS	NFS	Gamma	U-235	0.1326	0.0722	0.1207	
0021-E	FS	NFS	Gamma	U-238	2.56	4.99	8.449	U
0022-A	FS	NFS	Gamma	Am-241	0.0235	0.2427	0.4114	U
0022-A	FS	NFS	Gamma	Th-232	0.0901	0.1933	0.3312	U
0022-A	FS	NFS	Gamma	U-235	-0.0159	-0.051	0.0858	U
0022-A	FS	NFS	Gamma	U-238	-6.996	-11.65	9.657	U
0022-B	FS	NFS	Gamma	Am-241	-0.5264	-0.3156	0.5437	U
0022-B	FS	NFS	Gamma	Th-232	0.3593	0.2209	0.3614	U
0022-B	FS	NFS	Gamma	U-235	0.1038	0.067	0.1123	U
0022-B	FS	NFS	Gamma	U-238	7.132	3.923	6.315	
0022-C	FS	NFS	Gamma	Am-241	0.4074	0.2403	0.4011	
0022-C	FS	NFS	Gamma	Th-232	0.457	0.2055	0.3387	
0022-C	FS	NFS	Gamma	U-235	0.1122	0.0489	0.0812	
0022-C	FS	NFS	Gamma	U-238	1.327	5.147	8.747	U
0022-D	FS	NFS	Gamma	Am-241	-0.0963	-0.353	0.6009	U
0022-D	FS	NFS	Gamma	Th-232	1.356	0.2459	0.3885	J
0022-D	FS	NFS	Gamma	U-235	0.1435	0.0749	0.1253	
0022-D	FS	NFS	Gamma	U-238	4.162	5.373	8.447	U
0022-D-DUP	FD	NFS	Gamma	Am-241	0.2467	0.2822	0.4749	U
0022-D-DUP	FD	NFS	Gamma	Th-232	0.2851	0.2795	0.4732	UJ
0022-D-DUP	FD	NFS	Gamma	U-235	0.0755	0.055	0.0922	U
0022-D-DUP	FD	NFS	Gamma	U-238	3.618	5.767	9.684	U
0022-E	FS	NFS	Gamma	Am-241	-0.497	-0.3367	0.579	U
0022-E	FS	NFS	Gamma	Th-232	0.7381	0.2597	0.4267	
0022-E	FS	NFS	Gamma	U-235	0.1288	0.0747	0.1248	
0022-E	FS	NFS	Gamma	U-238	-0.2801	-94.31	8.917	U
0023-A	FS	NFS	Gamma	Am-241	0.0508	0.2649	0.4844	U
0023-A	FS	NFS	Gamma	Th-232	0.8076	0.2033	0.3265	
0023-A	FS	NFS	Gamma	U-235	0.0898	0.0731	0.1188	U
0023-A	FS	NFS	Gamma	U-238	3.24	6.796	7.607	U
0023-B	FS	PARAGON	LSC	Tc-99	-0.03	0.82	1.38	U
0023-B	FS	PARAGON	LSC	Pu-241	1.2	3.4	5.6	U
0023-B	FS	PARAGON	Gamma	Am-241	0.003	0.062	0.109	U
0023-B	FS	PARAGON	Gamma	Th-232	0.7	0.3	0.48	J
0023-B	FS	PARAGON	Gamma	U-235	0.04	0.23	0.4	U
0023-B	FS	PARAGON	Alpha	Am-241	0	0.017	0.01	U
0023-B	FS	PARAGON	Alpha	Pu-238	0	0.012	0.017	U
0023-B	FS	PARAGON	Alpha	Pu-239/240	0.002	0.012	0.006	U
0023-B	FS	PARAGON	Alpha	Pu-242	-0.001	0.011	0.021	U
0023-B	FS	PARAGON	Alpha	Th-230	0.344	0.081	0.046	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0023-B	FS	PARAGON	Alpha	Th-232	0.43	0.094	0.024	
0023-B	FS	PARAGON	Alpha	U-233/234	0.75	0.15	0.01	
0023-B	FS	PARAGON	Alpha	U-235	0.012	0.016	0.027	U
0023-B	FS	PARAGON	Alpha	U-238	0.444	0.099	0.026	
0023-B	FS	NFS	Gamma	Am-241	-0.3543	-0.2449	0.4204	U
0023-B	FS	NFS	Gamma	Th-232	0.676	0.2211	0.3599	
0023-B	FS	NFS	Gamma	U-235	0.0199	0.0488	0.0823	U
0023-B	FS	NFS	Gamma	U-238	-1.339	-6.307	10.77	U
0023-B	LR	PARAGON	LSC	Pu-241	0.9	2.9	4.8	U
0023-B	LR	PARAGON	Alpha	Pu-242	0.0005	0.0093	0.0206	U
0023-B	LR	PARAGON	Alpha	Th-230	0.345	0.081	0.045	R
0023-B	LR	PARAGON	Alpha	Th-232	0.467	0.099	0.014	
0023-C	FS	NFS	Gamma	Am-241	-0.2514	-0.322	0.5511	U
0023-C	FS	NFS	Gamma	Th-232	0.5952	0.1762	0.282	
0023-C	FS	NFS	Gamma	U-235	0.1178	0.049	0.0812	
0023-C	FS	NFS	Gamma	U-238	3.544	5.215	8.166	U
0023-D	FS	NFS	Gamma	Am-241	-0.0934	-0.2248	0.3829	U
0023-D	FS	NFS	Gamma	Th-232	0.8136	0.2134	0.3425	
0023-D	FS	NFS	Gamma	U-235	0.0447	0.0472	0.0792	U
0023-D	FS	NFS	Gamma	U-238	-6.063	-6.822	11.73	U
0023-E	FS	NFS	Gamma	Am-241	-0.1084	-0.3218	0.5484	U
0023-E	FS	NFS	Gamma	Th-232	0.5654	0.176	0.2849	
0023-E	FS	NFS	Gamma	U-235	0.104	0.052	0.0859	
0023-E	FS	NFS	Gamma	U-238	11.31	4.044	6.53	
0024-A	FS	PARAGON	LSC	Tc-99	-0.23	0.76	1.3	UJ
0024-A	FS	PARAGON	LSC	Pu-241	0.5	3.3	5.6	U
0024-A	FS	PARAGON	Gamma	Am-241	-0.011	0.069	0.125	U
0024-A	FS	PARAGON	Gamma	Th-232	0.45	0.24	0.46	U
0024-A	FS	PARAGON	Gamma	U-235	0.05	0.27	0.48	U
0024-A	FS	PARAGON	Alpha	Am-241	0.012	0.012	0.006	J
0024-A	FS	PARAGON	Alpha	Pu-238	-0.004	0.011	0.021	U
0024-A	FS	PARAGON	Alpha	Pu-239/240	0.018	0.014	0.016	
0024-A	FS	PARAGON	Alpha	Pu-242	0.01	0.013	0.021	U
0024-A	FS	PARAGON	Alpha	Th-230	0.54	0.11	0.05	
0024-A	FS	PARAGON	Alpha	Th-232	0.6	0.12	0.02	
0024-A	FS	PARAGON	Alpha	U-233/234	0.98	0.21	0.04	
0024-A	FS	PARAGON	Alpha	U-235	0.04	0.031	0.015	
0024-A	FS	PARAGON	Alpha	U-238	0.53	0.13	0.05	
0024-A	FS	NFS	Gamma	Am-241	-0.0661	-0.2331	0.3965	U
0024-A	FS	NFS	Gamma	Th-232	0.6751	0.2342	0.3834	
0024-A	FS	NFS	Gamma	U-235	-0.0622	-0.051	0.0869	U
0024-A	FS	NFS	Gamma	U-238	4.731	5.322	8.956	U
0024-B	FS	NFS	Gamma	Am-241	-0.0592	-0.3224	0.5487	U
0024-B	FS	NFS	Gamma	Th-232	0.7864	0.1771	0.2803	
0024-B	FS	NFS	Gamma	U-235	0.1771	0.0503	0.082	
0024-B	FS	NFS	Gamma	U-238	-3.576	-5.448	9.382	U
0024-C	FS	NFS	Gamma	Am-241	0.0432	0.2794	0.4732	U
0024-C	FS	NFS	Gamma	Th-232	0.9492	0.3038	0.5015	
0024-C	FS	NFS	Gamma	U-235	-0.0198	-0.0612	0.104	U
0024-C	FS	NFS	Gamma	U-238	2.065	7.082	12.01	U
0024-D	FS	NFS	Gamma	Am-241	0.0185	0.3083	0.5231	U
0024-D	FS	NFS	Gamma	Th-232	0.6336	0.2089	0.341	
0024-D	FS	NFS	Gamma	U-235	0.0889	0.0578	0.0968	U
0024-D	FS	NFS	Gamma	U-238	5.648	4.774	8.182	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0024-D-DUP	FD	NFS	Gamma	Am-241	-0.1108	-0.2568	0.4371	U
0024-D-DUP	FD	NFS	Gamma	Th-232	1.127	0.4879	0.8135	
0024-D-DUP	FD	NFS	Gamma	U-235	0.1088	0.0521	0.0869	
0024-D-DUP	FD	NFS	Gamma	U-238	-0.4165	-4.22	7.239	U
0024-E	FS	NFS	Gamma	Am-241	-0.2729	-0.3671	0.6274	U
0024-E	FS	NFS	Gamma	Th-232	1.1	0.7719	0.1296	
0024-E	FS	NFS	Gamma	U-235	0.1011	0.0545	0.0909	
0024-E	FS	NFS	Gamma	U-238	-10.72	-6.254	10.92	U
0024-F	FS	NFS	Gamma	Am-241	0.2786	0.2407	0.4038	U
0024-F	FS	NFS	Gamma	Th-232	0.8089	0.4889	0.8204	U
0024-F	FS	NFS	Gamma	U-235	0.0686	0.0527	0.088	U
0024-F	FS	NFS	Gamma	U-238	1.298	3.983	6.909	U
0024-G	FS	NFS	Gamma	Am-241	0.2168	0.3344	0.5639	UH
0024-G	FS	NFS	Gamma	Th-232	1.04	0.2289	0.367	HJ
0024-G	FS	NFS	Gamma	U-235	0.0404	0.0485	0.0819	UH
0024-G	FS	NFS	Gamma	U-238	-3.373	-6.446	11.05	UH
0025-A	FS	NFS	Gamma	Am-241	-0.2055	-1.466	0.5434	U
0025-A	FS	NFS	Gamma	Th-232	0.6897	0.7453	1.252	U
0025-A	FS	NFS	Gamma	U-235	0.0599	0.0543	0.0879	U
0025-A	FS	NFS	Gamma	U-238	-4.745	-3.29	9.053	U
0025-B	FS	NFS	Gamma	Am-241	-0.408	-0.3477	0.5961	U
0025-B	FS	NFS	Gamma	Th-232	0.4799	0.7383	1.242	U
0025-B	FS	NFS	Gamma	U-235	0.0701	0.057	0.0895	U
0025-B	FS	NFS	Gamma	U-238	0.9159	4.376	7.462	U
0025-C	FS	NFS	Gamma	Am-241	-0.6114	-0.353	0.6074	U
0025-C	FS	NFS	Gamma	Th-232	0.9389	0.7545	1.268	U
0025-C	FS	NFS	Gamma	U-235	0.07	0.0523	0.0851	U
0025-C	FS	NFS	Gamma	U-238	5.12	5.181	8.717	U
0025-D	FS	NFS	Gamma	Am-241	0.204	0.2709	0.4564	U
0025-D	FS	NFS	Gamma	Th-232	1.571	0.4855	0.8053	
0025-D	FS	NFS	Gamma	U-235	0.0766	0.0547	0.0917	U
0025-D	FS	NFS	Gamma	U-238	-7.476	-5.565	9.668	U
0025-E	FS	NFS	Gamma	Am-241	0.0674	0.3073	0.5205	U
0025-E	FS	NFS	Gamma	Th-232	0.9394	0.6358	1.068	U
0025-E	FS	NFS	Gamma	U-235	0.1	0.0479	0.0798	
0025-E	FS	NFS	Gamma	U-238	-15.1	-5.849	10.27	U
0025-F	FS	NFS	Gamma	Am-241	-0.1011	-0.2512	0.4272	U
0025-F	FS	NFS	Gamma	Th-232	0.938	0.4605	0.7696	
0025-F	FS	NFS	Gamma	U-235	0.0818	0.0534	0.0891	U
0025-F	FS	NFS	Gamma	U-238	5.026	4.36	7.302	U
0026-A	FS	NFS	Gamma	Am-241	-0.2863	-0.2923	0.4987	UH
0026-A	FS	NFS	Gamma	Th-232	1.158	0.2555	0.4099	HJ
0026-A	FS	NFS	Gamma	U-235	0.1483	0.0543	0.0901	HJ
0026-A	FS	NFS	Gamma	U-238	8.344	4.978	8.264	HJ
0026-A-DUP	FD	NFS	Gamma	Am-241	-0.5182	-0.4178	0.7149	UH
0026-A-DUP	FD	NFS	Gamma	Th-232	0.9766	0.2905	0.4758	HJ
0026-A-DUP	FD	NFS	Gamma	U-235	0.0939	0.057	0.0937	HJ
0026-A-DUP	FD	NFS	Gamma	U-238	-2.819	-6.5	11.14	UH
0026-B	FS	PARAGON	LSC	Tc-99	-0.25	0.92	1.56	U
0026-B	FS	PARAGON	LSC	Pu-241	0.4	4	6.8	U
0026-B	FS	PARAGON	Gamma	Am-241	0.052	0.075	0.124	U
0026-B	FS	PARAGON	Gamma	Th-232	0.97	0.34	0.54	J
0026-B	FS	PARAGON	Gamma	U-235	0.07	0.29	0.5	U
0026-B	FS	PARAGON	Alpha	Am-241	0.012	0.012	0.015	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0026-B	FS	PARAGON	Alpha	Pu-238	-0.002	0.012	0.018	U
0026-B	FS	PARAGON	Alpha	Pu-239/240	-0.007	0.015	0.034	U
0026-B	FS	PARAGON	Alpha	Pu-242	0.011	0.014	0.02	U
0026-B	FS	PARAGON	Alpha	Th-230	0.79	0.16	0.06	
0026-B	FS	PARAGON	Alpha	Th-232	0.93	0.19	0.02	
0026-B	FS	PARAGON	Alpha	U-233/234	0.96	0.19	0.03	
0026-B	FS	PARAGON	Alpha	U-235	0.028	0.022	0.025	
0026-B	FS	PARAGON	Alpha	U-238	0.69	0.14	0.03	
0026-B	FS	NFS	Gamma	Am-241	-0.1278	-0.2686	0.457	UH
0026-B	FS	NFS	Gamma	Th-232	0.88	0.2512	0.4121	HJ
0026-B	FS	NFS	Gamma	U-235	0.0528	0.0579	0.0977	UH
0026-B	FS	NFS	Gamma	U-238	-5.767	-6.243	10.77	UH
0026-B	LR	PARAGON	LSC	Tc-99	-0.64	0.86	1.47	U
0026-C	FS	NFS	Gamma	Am-241	-0.3909	-0.2933	0.5042	UH
0026-C	FS	NFS	Gamma	Th-232	0.3989	0.209	0.3386	HJ
0026-C	FS	NFS	Gamma	U-235	-0.0446	-0.0472	0.0808	UH
0026-C	FS	NFS	Gamma	U-238	5.069	4.471	7.011	UH
0026-D	FS	NFS	Gamma	Am-241	-0.4752	-0.2593	0.4454	UH
0026-D	FS	NFS	Gamma	Th-232	0.8452	0.1847	0.2907	HJ
0026-D	FS	NFS	Gamma	U-235	0.097	0.0492	0.082	HJ
0026-D	FS	NFS	Gamma	U-238	-0.8088	-2.235	8.147	UH
0026-E	FS	NFS	Gamma	Am-241	-0.1292	-0.3189	0.5436	UH
0026-E	FS	NFS	Gamma	Th-232	0.5115	0.2534	0.4146	HJ
0026-E	FS	NFS	Gamma	U-235	0.0466	0.0496	0.0798	UH
0026-E	FS	NFS	Gamma	U-238	-4.661	-5.407	9.344	UH
0026-F	FS	NFS	Gamma	Am-241	0.0252	0.2587	0.4382	UH
0026-F	FS	NFS	Gamma	Th-232	0.9602	0.225	0.3613	HJ
0026-F	FS	NFS	Gamma	U-235	0.0577	0.054	0.0903	UH
0026-F	FS	NFS	Gamma	U-238	-10.84	-6.164	10.71	UH
0026-G	FS	NFS	Gamma	Am-241	-0.0176	-0.3007	0.51	UH
0026-G	FS	NFS	Gamma	Th-232	0.2953	0.3521	0.5899	UH
0026-G	FS	NFS	Gamma	U-235	0.0503	0.0656	0.1102	UH
0026-G	FS	NFS	Gamma	U-238	2.105	7.399	12.82	UH
0027-A	FS	NFS	Gamma	Am-241	-0.3979	-0.3544	0.6071	U
0027-A	FS	NFS	Gamma	Th-232	1.099	0.2294	0.3622	
0027-A	FS	NFS	Gamma	U-235	0.1954	0.0524	0.085	
0027-A	FS	NFS	Gamma	U-238	4.51	4.993	8.118	U
0027-B	FS	NFS	Gamma	Am-241	0.0587	0.2365	0.4004	U
0027-B	FS	NFS	Gamma	Th-232	0.5507	0.2111	0.3461	
0027-B	FS	NFS	Gamma	U-235	0.1296	0.0478	0.079	
0027-B	FS	NFS	Gamma	U-238	6.187	3.851	6.502	U
0027-C	FS	NFS	Gamma	Am-241	-0.6548	-0.323	0.5574	U
0027-C	FS	NFS	Gamma	Th-232	0.7982	0.2245	0.3584	
0027-C	FS	NFS	Gamma	U-235	0.0816	0.0479	0.0782	
0027-C	FS	NFS	Gamma	U-238	0.8995	5.343	9.054	U
0027-D	FS	NFS	Gamma	Am-241	0.0797	0.2411	0.4078	U
0027-D	FS	NFS	Gamma	Th-232	1.012	0.4119	0.6848	
0027-D	FS	NFS	Gamma	U-235	0.1225	0.0549	0.0914	
0027-D	FS	NFS	Gamma	U-238	1.468	6.471	10.98	U
0027-E	FS	NFS	Gamma	Am-241	-0.2641	-0.483	0.8208	U
0027-E	FS	NFS	Gamma	Th-232	1.425	0.2676	0.4251	
0027-E	FS	NFS	Gamma	U-235	0.0611	0.0485	0.0814	U
0027-E	FS	NFS	Gamma	U-238	1.747	4.89	8.304	U
0027-F	FS	NFS	Gamma	Am-241	0.2093	0.2541	0.4278	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0027-F	FS	NFS	Gamma	Th-232	1.223	0.4336	0.7189	
0027-F	FS	NFS	Gamma	U-235	0.0295	0.0584	0.0987	U
0027-F	FS	NFS	Gamma	U-238	8.335	7.625	11.52	U
0027-F-DUP	FD	NFS	Gamma	Am-241	0.453	0.5268	0.8863	U
0027-F-DUP	FD	NFS	Gamma	Th-232	1.727	0.2543	0.3962	
0027-F-DUP	FD	NFS	Gamma	U-235	0.0451	0.0577	0.0965	U
0027-F-DUP	FD	NFS	Gamma	U-238	2.297	4.833	8.193	U
0028-A	FS	PARAGON	LSC	Tc-99	-0.61	0.86	1.47	U
0028-A	FS	PARAGON	LSC	Pu-241	0.7	3.7	6.2	U
0028-A	FS	PARAGON	Gamma	Am-241	-0.4	0.65	1.19	U
0028-A	FS	PARAGON	Gamma	Th-232	0.5	0.23	0.47	
0028-A	FS	PARAGON	Gamma	U-235	0.19	0.26	0.43	U
0028-A	FS	PARAGON	Alpha	Am-241	0.015	0.012	0.007	
0028-A	FS	PARAGON	Alpha	Pu-238	-0.002	0.012	0.018	U
0028-A	FS	PARAGON	Alpha	Pu-239/240	0.017	0.018	0.026	U
0028-A	FS	PARAGON	Alpha	Pu-242	0.002	0.012	0.023	U
0028-A	FS	PARAGON	Alpha	Th-230	0.77	0.15	0.04	
0028-A	FS	PARAGON	Alpha	Th-232	0.87	0.17	0.02	
0028-A	FS	PARAGON	Alpha	U-233/234	1.34	0.26	0.05	
0028-A	FS	PARAGON	Alpha	U-235	0.068	0.042	0.038	
0028-A	FS	PARAGON	Alpha	U-238	0.78	0.17	0.04	
0028-A	FS	NFS	Gamma	Am-241	-0.1167	-0.2643	0.4497	U
0028-A	FS	NFS	Gamma	Th-232	0.8458	0.4347	0.7257	
0028-A	FS	NFS	Gamma	U-235	0.15	0.0546	0.0903	
0028-A	FS	NFS	Gamma	U-238	3.011	6.641	11.24	U
0028-B	FS	NFS	Gamma	Am-241	-0.4548	-0.482	0.8209	U
0028-B	FS	NFS	Gamma	Th-232	1.309	0.2482	0.392	
0028-B	FS	NFS	Gamma	U-235	0.0443	0.0507	0.082	U
0028-B	FS	NFS	Gamma	U-238	-4.295	-4.958	8.598	U
0028-C	FS	NFS	Gamma	Am-241	-0.253	-0.2553	0.4364	U
0028-C	FS	NFS	Gamma	Th-232	1.067	0.4198	0.697	
0028-C	FS	NFS	Gamma	U-235	0.0935	0.0558	0.0933	
0028-C	FS	NFS	Gamma	U-238	9.251	6.959	10.28	U
0028-D	FS	NFS	Gamma	Am-241	-0.4462	-0.6084	1.035	U
0028-D	FS	NFS	Gamma	Th-232	2.079	0.3288	0.5143	
0028-D	FS	NFS	Gamma	U-235	0.1183	0.0601	0.0995	
0028-D	FS	NFS	Gamma	U-238	2.423	5.917	10.07	U
0028-E	FS	NFS	Gamma	Am-241	-0.2378	-0.3066	0.5228	U
0028-E	FS	NFS	Gamma	Th-232	1.585	0.4648	0.766	
0028-E	FS	NFS	Gamma	U-235	0.1091	0.0636	0.1064	
0028-E	FS	NFS	Gamma	U-238	-0.0317	-8.205	13.96	U
0028-F	FS	NFS	Gamma	Am-241	0.2437	0.5392	0.9101	U
0028-F	FS	NFS	Gamma	Th-232	2.001	0.2766	0.4336	
0028-F	FS	NFS	Gamma	U-235	0.1001	0.0551	0.092	
0028-F	FS	NFS	Gamma	U-238	1.886	6.262	9.129	U
0028-G	FS	NFS	Gamma	Am-241	0.8383	0.4276	0.7099	HJ
0028-G	FS	NFS	Gamma	Th-232	1.709	0.3065	0.483	HJ
0028-G	FS	NFS	Gamma	U-235	0.1708	0.0614	0.1016	HJ
0028-G	FS	NFS	Gamma	U-238	0.2693	8.213	13.79	UH
0028-H	FS	NFS	Gamma	Am-241	0.6663	0.4314	0.7204	UH
0028-H	FS	NFS	Gamma	Th-232	1.539	0.3229	0.5144	HJ
0028-H	FS	NFS	Gamma	U-235	0.2435	0.0628	0.103	HJ
0028-H	FS	NFS	Gamma	U-238	8.902	6.45	10.84	UH
0029-A	FS	NFS	Gamma	Am-241	0.0839	0.281	0.4754	UH

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0029-A	FS	NFS	Gamma	Th-232	1.196	0.2714	0.4373	HJ
0029-A	FS	NFS	Gamma	U-235	0.0976	0.0581	0.0972	HJ
0029-A	FS	NFS	Gamma	U-238	-3.889	-6.088	10.47	UH
0029-B	FS	PARAGON	LSC	Tc-99	-0.12	0.95	1.61	U
0029-B	FS	PARAGON	LSC	Pu-241	-1	3.6	6.1	U
0029-B	FS	PARAGON	Gamma	Am-241	-0.01	0.078	0.14	U
0029-B	FS	PARAGON	Gamma	Th-232	0.74	0.33	0.62	
0029-B	FS	PARAGON	Gamma	U-235	0.01	0.3	0.53	U
0029-B	FS	PARAGON	Alpha	Am-241	0.022	0.017	0.018	
0029-B	FS	PARAGON	Alpha	Pu-238	-0.002	0.011	0.02	U
0029-B	FS	PARAGON	Alpha	Pu-239/240	0.011	0.011	0.006	J
0029-B	FS	PARAGON	Alpha	Pu-242	0.009	0.012	0.008	J
0029-B	FS	PARAGON	Alpha	Th-230	0.9	0.17	0.05	
0029-B	FS	PARAGON	Alpha	Th-232	0.87	0.16	0.03	
0029-B	FS	PARAGON	Alpha	U-233/234	0.85	0.17	0.04	
0029-B	FS	PARAGON	Alpha	U-235	0.032	0.028	0.042	U
0029-B	FS	PARAGON	Alpha	U-238	0.8	0.16	0.02	
0029-B	FS	NFS	Gamma	Am-241	-0.0561	-0.3471	0.5902	UH
0029-B	FS	NFS	Gamma	Th-232	0.7327	0.2512	0.4124	HJ
0029-B	FS	NFS	Gamma	U-235	0.0617	0.0498	0.0835	UH
0029-B	FS	NFS	Gamma	U-238	5.709	5.857	9.842	UH
0029-B-DUP	FD	PARAGON	LSC	Tc-99	-0.3	0.99	1.68	U
0029-C	FS	NFS	Gamma	Am-241	-0.2328	-0.2289	0.3916	UH
0029-C	FS	NFS	Gamma	Th-232	0.6233	0.1832	0.2933	HJ
0029-C	FS	NFS	Gamma	U-235	0.0185	0.0494	0.0836	UH
0029-C	FS	NFS	Gamma	U-238	-1.534	-5.115	8.767	UH
0029-D	FS	NFS	Gamma	Am-241	-0.7818	-0.3648	0.6282	UH
0029-D	FS	NFS	Gamma	Th-232	1.487	0.2146	0.3272	HJ
0029-D	FS	NFS	Gamma	U-235	-0.0159	-0.0513	0.0869	UH
0029-D	FS	NFS	Gamma	U-238	2.169	6.278	10.65	UH
0029-D-DUP	FD	NFS	Gamma	Am-241	-0.0555	-0.2608	0.443	UH
0029-D-DUP	FD	NFS	Gamma	Th-232	0.3406	0.2551	0.4269	UHJ
0029-D-DUP	FD	NFS	Gamma	U-235	0.0434	0.0525	0.0883	UH
0029-D-DUP	FD	NFS	Gamma	U-238	3.604	4.861	8.198	UH
0029-E	FS	NFS	Gamma	Am-241	0.0739	0.3783	0.6409	UH
0029-E	FS	NFS	Gamma	Th-232	1.127	0.2746	0.4425	HJ
0029-E	FS	NFS	Gamma	U-235	0.1182	0.0532	0.088	HJ
0029-E	FS	NFS	Gamma	U-238	1.827	6.602	11.21	UH
0029-F	FS	NFS	Gamma	Am-241	-0.019	-0.259	0.4396	UH
0029-F	FS	NFS	Gamma	Th-232	1.132	0.2522	0.4035	HJ
0029-F	FS	NFS	Gamma	U-235	0.0376	0.0562	0.0948	UH
0029-F	FS	NFS	Gamma	U-238	5.096	4.882	8.191	UH
0029-G	FS	NFS	Gamma	Am-241	0.1358	0.2533	0.4276	UH
0029-G	FS	NFS	Gamma	Th-232	0.6165	0.2269	0.3707	HJ
0029-G	FS	NFS	Gamma	U-235	0.0741	0.0546	0.0913	UH
0029-G	FS	NFS	Gamma	U-238	9.225	5.98	9.748	UH
0029-H	FS	NFS	Gamma	Am-241	-0.122	-0.261	0.4442	UH
0029-H	FS	NFS	Gamma	Th-232	0.5317	0.2311	0.3815	HJ
0029-H	FS	NFS	Gamma	U-235	0.0637	0.0519	0.0872	UH
0029-H	FS	NFS	Gamma	U-238	-2.378	-6.106	10.45	UH
0029-I	FS	NFS	Gamma	Am-241	0.1889	0.338	0.5706	UH
0029-I	FS	NFS	Gamma	Th-232	0.6943	0.2759	0.4526	HJ
0029-I	FS	NFS	Gamma	U-235	0.0453	0.0611	0.0939	UH
0029-I	FS	NFS	Gamma	U-238	4.074	5.51	9.294	UH

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0029-J	FS	NFS	Gamma	Am-241	-0.3194	-0.2488	0.4262	UH
0029-J	FS	NFS	Gamma	Th-232	0.5487	0.1911	0.3109	HJ
0029-J	FS	NFS	Gamma	U-235	0.019	0.0525	0.0875	UH
0029-J	FS	NFS	Gamma	U-238	2.164	4.929	9.229	UH
0029-J-DUP	LR	NFS	Gamma	Am-241	-0.2682	-0.34	0.5809	UH
0029-J-DUP	LR	NFS	Gamma	Th-232	0.6443	0.2366	0.3897	HJ
0029-J-DUP	LR	NFS	Gamma	U-235	0.0887	0.048	0.0801	HJ
0029-J-DUP	LR	NFS	Gamma	U-238	-2.388	-3.319	8.755	UH
0030-A	FS	NFS	Gamma	Am-241	0.5805	0.396	0.6619	U
0030-A	FS	NFS	Gamma	Th-232	1.452	0.3282	0.5222	
0030-A	FS	NFS	Gamma	U-235	0.0652	0.0626	0.1046	U
0030-A	FS	NFS	Gamma	U-238	-3.977	-6.555	11.48	U
0030-A-DUP	FD	NFS	Gamma	Am-241	0.0675	0.2939	0.4973	U
0030-A-DUP	FD	NFS	Gamma	Th-232	1.63	0.2747	0.433	
0030-A-DUP	FD	NFS	Gamma	U-235	-0.0255	-0.0624	0.1059	U
0030-A-DUP	FD	NFS	Gamma	U-238	-5.306	-6.461	11.13	U
0030-B	FS	PARAGON	LSC	Tc-99	-0.78	0.81	1.39	U
0030-B	FS	PARAGON	LSC	Pu-241	-2	2.7	4.6	U
0030-B	FS	PARAGON	Gamma	Am-241	0.12	0.99	1.72	U
0030-B	FS	PARAGON	Gamma	Th-232	0.9	0.29	0.47	
0030-B	FS	PARAGON	Gamma	U-235	0.03	0.34	0.59	U
0030-B	FS	PARAGON	Alpha	Am-241	0.002	0.013	0.026	U
0030-B	FS	PARAGON	Alpha	Pu-238	0.005	0.015	0.029	U
0030-B	FS	PARAGON	Alpha	Pu-239/240	-0.002	0.013	0.029	U
0030-B	FS	PARAGON	Alpha	Pu-242	0.02	0.013	0.005	
0030-B	FS	PARAGON	Alpha	Th-230	0.89	0.18	0.05	
0030-B	FS	PARAGON	Alpha	Th-232	0.91	0.18	0.02	
0030-B	FS	PARAGON	Alpha	U-233/234	1	0.21	0.05	
0030-B	FS	PARAGON	Alpha	U-235	0.015	0.03	0.056	U
0030-B	FS	PARAGON	Alpha	U-238	0.76	0.17	0.04	
0030-B	FS	NFS	Gamma	Am-241	0.3547	0.3708	0.6233	U
0030-B	FS	NFS	Gamma	Th-232	0.9746	0.2656	0.4313	
0030-B	FS	NFS	Gamma	U-235	0.0848	0.0621	0.104	U
0030-B	FS	NFS	Gamma	U-238	-1.166	-5.53	9.481	U
0030-C	FS	NFS	Gamma	Am-241	-0.1119	-0.2561	0.4358	U
0030-C	FS	NFS	Gamma	Th-232	0.6948	0.2085	0.3381	
0030-C	FS	NFS	Gamma	U-235	0.0635	0.0448	0.075	U
0030-C	FS	NFS	Gamma	U-238	-2.361	-4.871	8.375	U
0030-D	FS	NFS	Gamma	Am-241	0.3804	0.3302	0.5535	U
0030-D	FS	NFS	Gamma	Th-232	0.663	0.2295	0.3763	
0030-D	FS	NFS	Gamma	U-235	0.1063	0.0517	0.086	
0030-D	FS	NFS	Gamma	U-238	-1.904	-7.647	7.923	U
0030-E	FS	NFS	Gamma	Am-241	-0.38	-1.381	0.432	U
0030-E	FS	NFS	Gamma	Th-232	0.6703	0.2352	0.3863	
0030-E	FS	NFS	Gamma	U-235	0.0015	0.0493	0.0836	U
0030-E	FS	NFS	Gamma	U-238	0.342	2.353	8.61	U
0030-F	FS	NFS	Gamma	Am-241	-0.1114	-0.3787	0.6443	U
0030-F	FS	NFS	Gamma	Th-232	0.9365	0.2943	0.4837	
0030-F	FS	NFS	Gamma	U-235	0.1141	0.0621	0.102	
0030-F	FS	NFS	Gamma	U-238	-2.616	-6.809	10.06	U
0030-G	FS	NFS	Gamma	Am-241	-0.5598	-0.3169	0.5463	U
0030-G	FS	NFS	Gamma	Th-232	0.5689	0.2311	0.381	
0030-G	FS	NFS	Gamma	U-235	0.0299	0.0526	0.0889	U
0030-G	FS	NFS	Gamma	U-238	8.91	5.863	9.772	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0030-H	FS	NFS	Gamma	Am-241	-0.3459	-0.3499	0.599	U
0030-H	FS	NFS	Gamma	Th-232	1.04	0.24	0.3873	
0030-H	FS	NFS	Gamma	U-235	0.0579	0.0518	0.0861	U
0030-H	FS	NFS	Gamma	U-238	11.83	5.402	9.073	
0030-I	FS	NFS	Gamma	Am-241	0.0422	0.398	0.6744	U
0030-I	FS	NFS	Gamma	Th-232	1.698	0.2587	0.405	
0030-I	FS	NFS	Gamma	U-235	0.0949	0.0545	0.091	
0030-I	FS	NFS	Gamma	U-238	-11.74	-78.68	9.227	U
0030-J	FS	NFS	Gamma	Am-241	0.5598	0.3383	0.5335	
0030-J	FS	NFS	Gamma	Th-232	1.262	0.2151	0.3361	
0030-J	FS	NFS	Gamma	U-235	0.1162	0.0502	0.0836	
0030-J	FS	NFS	Gamma	U-238	-0.4095	-5.186	8.858	U
0031-A	FS	PARAGON	LSC	Tc-99	0.07	0.93	1.57	U
0031-A	FS	PARAGON	LSC	Pu-241	-1.2	2.8	4.8	U
0031-A	FS	PARAGON	Gamma	Am-241	0	1.1	1.9	U
0031-A	FS	PARAGON	Gamma	Th-232	1.1	0.41	0.78	J
0031-A	FS	PARAGON	Gamma	U-235	0.24	0.38	0.64	U
0031-A	FS	PARAGON	Alpha	Am-241	0.016	0.012	0.006	U
0031-A	FS	PARAGON	Alpha	Pu-238	0.002	0.011	0.006	U
0031-A	FS	PARAGON	Alpha	Pu-239/240	0	0.011	0.02	U
0031-A	FS	PARAGON	Alpha	Pu-242	0.01	0.011	0.017	U
0031-A	FS	PARAGON	Alpha	Th-230	1.02	0.19	0.04	
0031-A	FS	PARAGON	Alpha	Th-232	0.96	0.18	0.01	
0031-A	FS	PARAGON	Alpha	U-233/234	0.92	0.2	0.03	
0031-A	FS	PARAGON	Alpha	U-235	0.075	0.045	0.017	J
0031-A	FS	PARAGON	Alpha	U-238	0.94	0.21	0.01	
0031-A	FS	NFS	Gamma	Am-241	0.3358	0.2921	0.4903	U
0031-A	FS	NFS	Gamma	Th-232	0.9671	0.2985	0.4902	
0031-A	FS	NFS	Gamma	U-235	0.1408	0.0598	0.0994	
0031-A	FS	NFS	Gamma	U-238	2.77	7.475	9.871	U
0031-B	FS	NFS	Gamma	Am-241	0.5057	0.3816	0.6388	U
0031-B	FS	NFS	Gamma	Th-232	0.6645	0.3032	0.505	
0031-B	FS	NFS	Gamma	U-235	0.1757	0.0616	0.1013	
0031-B	FS	NFS	Gamma	U-238	0.461	6.234	10.15	U
0031-C	FS	NFS	Gamma	Am-241	0.2041	0.2391	0.4025	U
0031-C	FS	NFS	Gamma	Th-232	0.2544	0.2161	0.3621	U
0031-C	FS	NFS	Gamma	U-235	-0.0102	-0.0499	0.0846	U
0031-C	FS	NFS	Gamma	U-238	2.023	7.474	9.131	U
0031-D	FS	NFS	Gamma	Am-241	-0.0753	-0.8168	1.388	U
0031-D	FS	NFS	Gamma	Th-232	0.8696	0.3713	0.6036	
0031-D	FS	NFS	Gamma	U-235	0.049	0.1143	0.1932	U
0031-D	FS	NFS	Gamma	U-238	9.741	7.95	13.29	U
0031-E	FS	NFS	Gamma	Am-241	-0.0787	-0.237	0.4032	U
0031-E	FS	NFS	Gamma	Th-232	0.2429	0.2161	0.3625	U
0031-E	FS	NFS	Gamma	U-235	-0.006	-0.0498	0.0844	U
0031-E	FS	NFS	Gamma	U-238	4.444	5.132	8.639	U
0031-F	FS	NFS	Gamma	Am-241	-0.3744	-0.3572	0.6116	U
0031-F	FS	NFS	Gamma	Th-232	1.214	0.2473	0.3893	
0031-F	FS	NFS	Gamma	U-235	0.0978	0.0578	0.0958	
0031-F	FS	NFS	Gamma	U-238	6.71	5.782	9.687	U
0031-F-DUP	FD	NFS	Gamma	Am-241	0.3795	0.2792	0.4678	U
0031-F-DUP	FD	NFS	Gamma	Th-232	1.059	0.2651	0.4288	
0031-F-DUP	FD	NFS	Gamma	U-235	0.0134	0.0589	0.1	U
0031-F-DUP	FD	NFS	Gamma	U-238	2.883	6.382	10.8	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0031-G	FS	NFS	Gamma	Am-241	0.0019	0.3195	0.4485	U
0031-G	FS	NFS	Gamma	Th-232	1.227	0.2505	0.4	
0031-G	FS	NFS	Gamma	U-235	0.0038	0.054	0.0916	U
0031-G	FS	NFS	Gamma	U-238	-1.747	-5.911	10.12	U
0031-H	FS	NFS	Gamma	Am-241	-0.5939	-0.2667	0.459	U
0031-H	FS	NFS	Gamma	Th-232	1.311	0.1982	0.3039	
0031-H	FS	NFS	Gamma	U-235	0.0392	0.0531	0.0894	U
0031-H	FS	NFS	Gamma	U-238	-14.59	-5.854	10.28	U
0031-I	FS	NFS	Gamma	Am-241	-0.0529	-0.3476	0.427	U
0031-I	FS	NFS	Gamma	Th-232	0.8933	0.2243	0.3618	
0031-I	FS	NFS	Gamma	U-235	0.0013	0.0533	0.0903	U
0031-I	FS	NFS	Gamma	U-238	-0.3903	-4.642	7.938	U
0031-J	FS	NFS	Gamma	Am-241	-0.0904	-0.2941	0.4995	U
0031-J	FS	NFS	Gamma	Th-232	1.21	0.2449	0.409	
0031-J	FS	NFS	Gamma	U-235	-0.0104	-0.0541	0.0918	U
0031-J	FS	NFS	Gamma	U-238	8.283	6.12	10.24	U
0032-A	FS	PARAGON	LSC	Tc-99	-0.34	0.93	1.58	U
0032-A	FS	PARAGON	LSC	Pu-241	-2	2.8	4.8	U
0032-A	FS	PARAGON	Gamma	Am-241	-0.039	0.081	0.148	U
0032-A	FS	PARAGON	Gamma	Th-232	0.84	0.33	0.67	
0032-A	FS	PARAGON	Gamma	U-235	0.09	0.31	0.54	U
0032-A	FS	PARAGON	Alpha	Am-241	0.002	0.011	0.022	U
0032-A	FS	PARAGON	Alpha	Pu-238	0	0.011	0.02	U
0032-A	FS	PARAGON	Alpha	Pu-239/240	0.022	0.016	0.016	
0032-A	FS	PARAGON	Alpha	Pu-242	-0.0006	0.0097	0.0237	U
0032-A	FS	PARAGON	Alpha	Th-230	0.96	0.19	0.06	
0032-A	FS	PARAGON	Alpha	Th-232	1.19	0.23	0.04	
0032-A	FS	PARAGON	Alpha	U-233/234	1.3	0.29	0.1	
0032-A	FS	PARAGON	Alpha	U-235	0.059	0.053	0.065	U
0032-A	FS	PARAGON	Alpha	U-238	1.23	0.28	0.08	
0032-A	FS	NFS	Gamma	Am-241	0.0038	0.3763	0.6386	U
0032-A	FS	NFS	Gamma	Th-232	1.066	0.2741	0.445	
0032-A	FS	NFS	Gamma	U-235	0.1256	0.0618	0.103	
0032-A	FS	NFS	Gamma	U-238	2.018	5.981	10.15	U
0032-B	FS	NFS	Gamma	Am-241	0.1237	0.295	0.4985	U
0032-B	FS	NFS	Gamma	Th-232	1.212	0.2899	0.468	
0032-B	FS	NFS	Gamma	U-235	0.1169	0.0615	0.1027	
0032-B	FS	NFS	Gamma	U-238	2.87	4.951	11.05	U
0032-C	FS	NFS	Gamma	Am-241	0.006	0.3801	0.6448	U
0032-C	FS	NFS	Gamma	Th-232	1.617	0.2701	0.4237	
0032-C	FS	NFS	Gamma	U-235	0.0338	0.07	0.1097	U
0032-C	FS	NFS	Gamma	U-238	4.446	6.299	10.56	U
0032-D	FS	NFS	Gamma	Am-241	0.4502	0.3001	0.5023	U
0032-D	FS	NFS	Gamma	Th-232	1.369	0.2669	0.4236	
0032-D	FS	NFS	Gamma	U-235	0.1064	0.0617	0.1031	
0032-D	FS	NFS	Gamma	U-238	4.984	6.866	10.97	U
0032-E	FS	NFS	Gamma	Am-241	0.2345	0.3857	0.6508	U
0032-E	FS	NFS	Gamma	Th-232	1.96	0.2598	0.3912	
0032-E	FS	NFS	Gamma	U-235	0.1853	0.0656	0.1057	
0032-E	FS	NFS	Gamma	U-238	5.861	6.624	11.15	U
0032-F	FS	NFS	Gamma	Am-241	-0.1752	-0.2963	0.5047	U
0032-F	FS	NFS	Gamma	Th-232	1.31	0.2877	0.4624	
0032-F	FS	NFS	Gamma	U-235	0.065	0.0599	0.1007	U
0032-F	FS	NFS	Gamma	U-238	-8.35	-7.493	12.92	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0032-G	FS	NFS	Gamma	Am-241	-0.0208	-0.4274	0.7258	U
0032-G	FS	NFS	Gamma	Th-232	1.029	0.3231	0.5268	
0032-G	FS	NFS	Gamma	U-235	0.2536	0.0589	0.0953	
0032-G	FS	NFS	Gamma	U-238	11.89	7.475	12.63	U
0032-H	FS	NFS	Gamma	Am-241	0.0474	0.402	0.6814	U
0032-H	FS	NFS	Gamma	Th-232	1.395	0.2771	0.4392	
0032-H	FS	NFS	Gamma	U-235	0.1672	0.0572	0.0941	
0032-H	FS	NFS	Gamma	U-238	0.5998	5.883	10.03	U
0032-I	FS	NFS	Gamma	Am-241	-0.6132	-0.4495	0.7704	U
0032-I	FS	NFS	Gamma	Th-232	2.226	0.3037	0.469	
0032-I	FS	NFS	Gamma	U-235	0.1099	0.0684	0.1123	U
0032-I	FS	NFS	Gamma	U-238	-6.889	-7.572	13.07	U
0032-J	FS	NFS	Gamma	Am-241	0.0554	0.4217	0.7147	U
0032-J	FS	NFS	Gamma	Th-232	1.355	0.2693	0.4237	
0032-J	FS	NFS	Gamma	U-235	0.2174	0.0614	0.1009	
0032-J	FS	NFS	Gamma	U-238	2.172	6.728	11.42	U
0032-J-DUP	FD	NFS	Gamma	Am-241	0.3489	0.3031	0.5089	U
0032-J-DUP	FD	NFS	Gamma	Th-232	1.193	0.299	0.4929	
0032-J-DUP	FD	NFS	Gamma	U-235	0.0203	0.0597	0.1003	U
0032-J-DUP	FD	NFS	Gamma	U-238	12.08	7.194	11.57	
0033-A	FS	NFS	Gamma	Am-241	-0.5773	-0.3817	0.6549	U
0033-A	FS	NFS	Gamma	Th-232	1.18	0.2272	0.3556	
0033-A	FS	NFS	Gamma	U-235	0.0731	0.0542	0.0908	U
0033-A	FS	NFS	Gamma	U-238	6.436	5.149	8.597	U
0033-B	FS	PARAGON	LSC	Tc-99	-0.2	1	1.7	U
0033-B	FS	PARAGON	LSC	Pu-241	1.3	3.9	6.6	U
0033-B	FS	PARAGON	Gamma	Am-241	-0.59	0.87	1.61	U
0033-B	FS	PARAGON	Gamma	Th-232	1.01	0.35	0.67	J
0033-B	FS	PARAGON	Gamma	U-235	0.32	0.41	0.68	U
0033-B	FS	PARAGON	Alpha	Am-241	0.017	0.014	0.016	U
0033-B	FS	PARAGON	Alpha	Pu-238	0.002	0.011	0.006	U
0033-B	FS	PARAGON	Alpha	Pu-239/240	0.05	0.024	0.017	
0033-B	FS	PARAGON	Alpha	Pu-242	0.004	0.012	0.019	U
0033-B	FS	PARAGON	Alpha	Th-230	1.09	0.2	0.04	
0033-B	FS	PARAGON	Alpha	Th-232	1.1	0.2	0.02	
0033-B	FS	PARAGON	Alpha	U-233/234	1.44	0.3	0.05	
0033-B	FS	PARAGON	Alpha	U-235	0.045	0.037	0.036	
0033-B	FS	PARAGON	Alpha	U-238	1.1	0.24	0.02	
0033-B	FS	NFS	Gamma	Am-241	-0.6418	-0.2947	0.507	U
0033-B	FS	NFS	Gamma	Th-232	1.37	0.2761	0.4436	
0033-B	FS	NFS	Gamma	U-235	0.0378	0.0572	0.0964	U
0033-B	FS	NFS	Gamma	U-238	3.007	6.269	10.43	U
0033-B	LR	PARAGON	LSC	Tc-99	-0.65	0.96	1.64	U
0033-B-DUP	FD	PARAGON	LSC	Pu-241	-0.2	2.9	4.9	U
0033-B-DUP	FD	PARAGON	Gamma	Am-241	0.002	0.09	0.159	U
0033-B-DUP	FD	PARAGON	Gamma	Th-232	1.42	0.48	0.68	J
0033-B-DUP	FD	PARAGON	Gamma	U-235	0.28	0.37	0.61	U
0033-B-DUP	FD	PARAGON	Alpha	Am-241	0.016	0.012	0.005	U
0033-B-DUP	FD	PARAGON	Alpha	Pu-238	-0.002	0.01	0.02	U
0033-B-DUP	FD	PARAGON	Alpha	Pu-239/240	0.053	0.023	0.006	
0033-B-DUP	FD	PARAGON	Alpha	Pu-242	0.0022	0.0088	0.0196	U
0033-B-DUP	FD	PARAGON	Alpha	Th-230	0.99	0.19	0.05	
0033-B-DUP	FD	PARAGON	Alpha	Th-232	1.08	0.2	0.02	
0033-B-DUP	FD	PARAGON	Alpha	U-233/234	1.44	0.28	0.09	

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					Analytical Result	Error (2-sigma)	MDC	
0033-B-DUP	FD	PARAGON	Alpha	U-235	0.058	0.045	0.059	U
0033-B-DUP	FD	PARAGON	Alpha	U-238	1.15	0.23	0.06	
0033-C	FS	NFS	Gamma	Am-241	-0.2127	-0.3324	0.5676	U
0033-C	FS	NFS	Gamma	Th-232	0.4312	0.2145	0.353	
0033-C	FS	NFS	Gamma	U-235	0.0725	0.0481	0.0777	U
0033-C	FS	NFS	Gamma	U-238	5.239	4.432	7.413	U
0033-C-DUP	FD	NFS	Gamma	Am-241	-0.2655	-0.2486	0.4255	U
0033-C-DUP	FD	NFS	Gamma	Th-232	0.8531	0.223	0.362	
0033-C-DUP	FD	NFS	Gamma	U-235	0.0033	0.0499	0.0846	U
0033-C-DUP	FD	NFS	Gamma	U-238	1.028	5.887	9.583	U
0033-D	FS	NFS	Gamma	Am-241	-0.3478	-0.3387	0.5802	U
0033-D	FS	NFS	Gamma	Th-232	0.5511	0.1933	0.3147	
0033-D	FS	NFS	Gamma	U-235	0.0492	0.0483	0.0812	U
0033-D	FS	NFS	Gamma	U-238	-8.57	-5.536	9.653	U
0033-E	FS	NFS	Gamma	Am-241	-0.3446	-0.2497	0.423	U
0033-E	FS	NFS	Gamma	Th-232	0.8485	0.2256	0.3646	
0033-E	FS	NFS	Gamma	U-235	0.0675	0.0496	0.0832	U
0033-E	FS	NFS	Gamma	U-238	-3.205	-6.424	11	U
0033-F	FS	NFS	Gamma	Am-241	-0.6251	-0.4305	0.7383	U
0033-F	FS	NFS	Gamma	Th-232	1.702	0.2568	0.3957	
0033-F	FS	NFS	Gamma	U-235	0.1118	0.0634	0.1059	
0033-F	FS	NFS	Gamma	U-238	-3.687	-7.064	12.13	U
0033-G	FS	NFS	Gamma	Am-241	0.2717	0.2982	0.5017	U
0033-G	FS	NFS	Gamma	Th-232	1.273	0.3325	0.5422	
0033-G	FS	NFS	Gamma	U-235	0.0163	0.0634	0.1075	U
0033-G	FS	NFS	Gamma	U-238	3.134	6.569	11.12	U
0033-G-DUP	FD	NFS	Gamma	Am-241	-0.511	-0.4075	0.6987	U
0033-G-DUP	FD	NFS	Gamma	Th-232	1.128	0.3265	0.5339	
0033-G-DUP	FD	NFS	Gamma	U-235	0.1582	0.0624	0.1035	
0033-G-DUP	FD	NFS	Gamma	U-238	11.63	7.978	12.29	U
0033-H	FS	NFS	Gamma	Am-241	-0.4719	-0.309	0.5294	U
0033-H	FS	NFS	Gamma	Th-232	1.355	0.2641	0.4188	
0033-H	FS	NFS	Gamma	U-235	0.0316	0.0639	0.1079	U
0033-H	FS	NFS	Gamma	U-238	1.833	6.079	10.32	U
1019-A	FS	NFS	Gamma	Am-241	-0.2241	-0.3246	0.5529	U
1019-A	FS	NFS	Gamma	Th-232	1.688	0.2791	0.438	
1019-A	FS	NFS	Gamma	U-235	0.146	0.0635	0.1057	
1019-A	FS	NFS	Gamma	U-238	8.337	5.668	9.444	U
1019-B	FS	NFS	Gamma	Am-241	-0.3627	-0.3986	0.6809	U
1019-B	FS	NFS	Gamma	Th-232	1.636	0.2456	0.3829	
1019-B	FS	NFS	Gamma	U-235	0.084	0.0588	0.0971	U
1019-B	FS	NFS	Gamma	U-238	4.17	23.15	11.03	U
1019-B-DUP	FD	NFS	Gamma	Am-241	0.1397	0.2783	0.4699	U
1019-B-DUP	FD	NFS	Gamma	Th-232	1.908	0.2697	0.4206	
1019-B-DUP	FD	NFS	Gamma	U-235	0.2187	0.0582	0.095	
1019-B-DUP	FD	NFS	Gamma	U-238	-1.871	-10.69	10.4	U
1019-C	FS	NFS	Gamma	Am-241	0.064	0.3178	0.5383	U
1019-C	FS	NFS	Gamma	Th-232	0.7012	0.2338	0.3813	
1019-C	FS	NFS	Gamma	U-235	0.1202	0.0494	0.0817	
1019-C	FS	NFS	Gamma	U-238	7.896	4.637	7.69	
1019-D	FS	PARAGON	LSC	Tc-99	0.11	0.94	1.57	U
1019-D	FS	PARAGON	LSC	Pu-241	2.3	4	6.7	U
1019-D	FS	PARAGON	Gamma	Am-241	0.34	0.4	0.65	U
1019-D	FS	PARAGON	Gamma	Th-232	1.09	0.24	0.41	

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					Analytical Result	Error (2-sigma)	MDC	
1019-D	FS	PARAGON	Gamma	U-235	-0.09	0.24	0.42	U
1019-D	FS	PARAGON	Alpha	Am-241	0.009	0.011	0.006	U
1019-D	FS	PARAGON	Alpha	Pu-238	0.0016	0.0079	0.0044	U
1019-D	FS	PARAGON	Alpha	Pu-239/240	0.01	0.011	0.017	U
1019-D	FS	PARAGON	Alpha	Pu-242	0	0.014	0.028	U
1019-D	FS	PARAGON	Alpha	Th-230	0.81	0.17	0.08	
1019-D	FS	PARAGON	Alpha	Th-232	1.31	0.25	0.04	
1019-D	FS	PARAGON	Alpha	U-233/234	1.15	0.26	0.07	
1019-D	FS	PARAGON	Alpha	U-235	0.039	0.038	0.054	U
1019-D	FS	PARAGON	Alpha	U-238	0.92	0.22	0.07	
1019-D	FS	NFS	Gamma	Am-241	-0.1324	-0.2912	0.495	U
1019-D	FS	NFS	Gamma	Th-232	1.636	0.2639	0.4156	
1019-D	FS	NFS	Gamma	U-235	0.0531	0.0533	0.0896	U
1019-D	FS	NFS	Gamma	U-238	-8.25	-5.942	10.3	U
1019-D	LR	PARAGON	LSC	Tc-99	1	1	1.6	U
1019-D	LR	PARAGON	Gamma	Am-241	-0.13	0.47	0.82	U
1019-D	LR	PARAGON	Gamma	Th-232	0.87	0.24	0.46	
1019-D	LR	PARAGON	Gamma	U-235	0.21	0.27	0.45	U
1019-E	FS	NFS	Gamma	Am-241	0.1906	0.3544	0.5981	U
1019-E	FS	NFS	Gamma	Th-232	1.42	0.3226	0.523	
1019-E	FS	NFS	Gamma	U-235	0.0792	0.0525	0.0873	U
1019-E	FS	NFS	Gamma	U-238	-1.128	-5.535	9.465	U
1019-F	FS	NFS	Gamma	Am-241	0.2481	0.2579	0.4336	U
1019-F	FS	NFS	Gamma	Th-232	1.29	0.2454	0.3912	
1019-F	FS	NFS	Gamma	U-235	0.0459	0.051	0.0858	U
1019-F	FS	NFS	Gamma	U-238	5.044	4.086	6.829	U
1020-A	FS	NFS	Gamma	Am-241	-0.2779	-0.3512	0.5981	U
1020-A	FS	NFS	Gamma	Th-232	2.016	0.3339	0.5302	
1020-A	FS	NFS	Gamma	U-235	0.1524	0.0663	0.1104	
1020-A	FS	NFS	Gamma	U-238	5.215	5.756	9.694	U
1020-B	FS	NFS	Gamma	Am-241	-0.0522	-0.3943	0.6697	U
1020-B	FS	NFS	Gamma	Th-232	1.288	0.2677	0.429	
1020-B	FS	NFS	Gamma	U-235	0.1287	0.0614	0.1024	
1020-B	FS	NFS	Gamma	U-238	14.18	6.86	11.05	
1020-C	FS	NFS	Gamma	Am-241	-0.2913	-0.3533	0.6036	U
1020-C	FS	NFS	Gamma	Th-232	0.707	0.2585	0.4237	
1020-C	FS	NFS	Gamma	U-235	0.1217	0.0529	0.0861	
1020-C	FS	NFS	Gamma	U-238	9.573	5.291	9.809	U
1020-D	FS	NFS	Gamma	Am-241	0.1178	0.3604	0.6097	U
1020-D	FS	NFS	Gamma	Th-232	1.331	0.2448	0.3873	
1020-D	FS	NFS	Gamma	U-235	0.1141	0.0578	0.0898	
1020-D	FS	NFS	Gamma	U-238	17.24	5.559	9.027	
1020-E	FS	NFS	Gamma	Am-241	0.0133	0.2942	0.4985	U
1020-E	FS	NFS	Gamma	Th-232	0.8196	0.3179	0.5253	
1020-E	FS	NFS	Gamma	U-235	0.1069	0.062	0.1037	
1020-E	FS	NFS	Gamma	U-238	-12.53	-6.293	11.01	U
1020-F	FS	NFS	Gamma	Am-241	0.4521	0.3711	0.6216	U
1020-F	FS	NFS	Gamma	Th-232	0.2912	0.2448	0.4105	U
1020-F	FS	NFS	Gamma	U-235	0.1329	0.0501	0.081	
1020-F	FS	NFS	Gamma	U-238	3.684	5.122	8.643	U
1020-F-DUP	FD	NFS	Gamma	Am-241	-0.0108	-0.261	0.4428	U
1020-F-DUP	FD	NFS	Gamma	Th-232	0.9888	0.2109	0.3342	
1020-F-DUP	FD	NFS	Gamma	U-235	0.1149	0.0515	0.0857	
1020-F-DUP	FD	NFS	Gamma	U-238	-4.295	-4.613	7.7	U

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					Analytical Result	Error (2-sigma)	MDC	
1021-A	FS	NFS	Gamma	Am-241	0.0326	0.3316	0.5615	U
1021-A	FS	NFS	Gamma	Th-232	1.474	0.3507	0.5686	
1021-A	FS	NFS	Gamma	U-235	0.3205	0.0662	0.108	
1021-A	FS	NFS	Gamma	U-238	-10.43	-6.939	12.24	U
1021-B	FS	NFS	Gamma	Am-241	0.3555	0.2973	0.5825	U
1021-B	FS	NFS	Gamma	Th-232	1.113	0.2241	0.3517	
1021-B	FS	NFS	Gamma	U-235	-0.0234	-0.0575	0.0979	U
1021-B	FS	NFS	Gamma	U-238	-5.948	-5.482	9.526	U
1021-C	FS	PARAGON	LSC	Tc-99	0.24	0.88	1.47	U
1021-C	FS	PARAGON	LSC	Pu-241	0.4	3.8	6.5	U
1021-C	FS	PARAGON	Gamma	Am-241	0.11	0.39	0.67	U
1021-C	FS	PARAGON	Gamma	Th-232	0.47	0.21	0.37	J
1021-C	FS	PARAGON	Gamma	U-235	0.11	0.23	0.38	U
1021-C	FS	PARAGON	Alpha	Am-241	0.127	0.037	0.014	U
1021-C	FS	PARAGON	Alpha	Pu-238	0.002	0.01	0.006	U
1021-C	FS	PARAGON	Alpha	Pu-239/240	0.123	0.041	0.034	
1021-C	FS	PARAGON	Alpha	Pu-242	0.029	0.016	0.015	U
1021-C	FS	PARAGON	Alpha	Th-230	0.54	0.12	0.07	
1021-C	FS	PARAGON	Alpha	Th-232	0.5	0.11	0.02	
1021-C	FS	PARAGON	Alpha	U-233/234	0.89	0.2	0.05	
1021-C	FS	PARAGON	Alpha	U-235	0.046	0.04	0.057	U
1021-C	FS	PARAGON	Alpha	U-238	0.52	0.14	0.05	
1021-C	FS	NFS	Gamma	Am-241	0.2109	0.2421	0.4074	U
1021-C	FS	NFS	Gamma	Th-232	0.4426	0.2108	0.3484	
1021-C	FS	NFS	Gamma	U-235	0.1114	0.0486	0.0808	
1021-C	FS	NFS	Gamma	U-238	-5.452	-4.61	8.025	U
1021-D	FS	NFS	Gamma	Am-241	0.4266	0.3401	0.5697	U
1021-D	FS	NFS	Gamma	Th-232	1.108	0.2016	0.3126	
1021-D	FS	NFS	Gamma	U-235	0.0869	0.055	0.089	U
1021-D	FS	NFS	Gamma	U-238	-3.133	-5.001	8.946	U
1021-E	FS	NFS	Gamma	Am-241	-0.4264	-0.2634	0.4516	U
1021-E	FS	NFS	Gamma	Th-232	1.275	0.2308	0.3651	
1021-E	FS	NFS	Gamma	U-235	0.0545	0.0507	0.0849	U
1021-E	FS	NFS	Gamma	U-238	-12.73	-5.99	10.46	U
1021-E-DUP	FD	NFS	Gamma	Am-241	0.0226	0.2627	0.4452	U
1021-E-DUP	FD	NFS	Gamma	Th-232	1.045	0.2505	0.3974	
1021-E-DUP	FD	NFS	Gamma	U-235	0.0348	0.0528	0.0878	U
1021-E-DUP	FD	NFS	Gamma	U-238	8.27	4.44	7.342	
1021-F	FS	NFS	Gamma	Am-241	-0.3283	-0.2748	0.4703	U
1021-F	FS	NFS	Gamma	Th-232	0.5443	0.2714	0.4502	
1021-F	FS	NFS	Gamma	U-235	0.041	0.0551	0.0925	U
1021-F	FS	NFS	Gamma	U-238	-5.978	-6.185	10.68	U
2020-A	FS	NFS	Gamma	Am-241	0.3997	0.4049	0.6805	U
2020-A	FS	NFS	Gamma	Th-232	1.338	0.2909	0.4684	
2020-A	FS	NFS	Gamma	U-235	0.1607	0.0645	0.1053	
2020-A	FS	NFS	Gamma	U-238	-7.491	-6.974	12.06	U
2020-B	FS	NFS	Gamma	Am-241	0.183	0.2471	0.4163	U
2020-B	FS	NFS	Gamma	Th-232	0.3918	0.2657	0.444	U
2020-B	FS	NFS	Gamma	U-235	0.1102	0.0535	0.0892	
2020-B	FS	NFS	Gamma	U-238	-8.685	-5.773	10.04	U
2020-C	FS	PARAGON	LSC	Tc-99	0.07	0.91	1.54	U
2020-C	FS	PARAGON	LSC	Pu-241	-1.1	3.6	6.2	U
2020-C	FS	PARAGON	Gamma	Am-241	0.029	0.077	0.131	U
2020-C	FS	PARAGON	Gamma	Th-232	0.87	0.35	0.51	J

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
2020-C	FS	PARAGON	Gamma	U-235	-0.29	0.24	0.46	U
2020-C	FS	PARAGON	Alpha	Am-241	0.029	0.022	0.031	U
2020-C	FS	PARAGON	Alpha	Pu-238	-0.003	0.014	0.027	U
2020-C	FS	PARAGON	Alpha	Pu-239/240	0.041	0.028	0.035	
2020-C	FS	PARAGON	Alpha	Pu-242	0.036	0.018	0.017	U
2020-C	FS	PARAGON	Alpha	Th-230	0.59	0.13	0.07	
2020-C	FS	PARAGON	Alpha	Th-232	0.82	0.17	0.03	
2020-C	FS	PARAGON	Alpha	U-233/234	0.91	0.24	0.13	
2020-C	FS	PARAGON	Alpha	U-235	0.061	0.055	0.072	U
2020-C	FS	PARAGON	Alpha	U-238	0.51	0.16	0.08	
2020-C	FS	NFS	Gamma	Am-241	-0.0528	-0.3612	0.6135	U
2020-C	FS	NFS	Gamma	Th-232	1.161	0.2443	0.3828	
2020-C	FS	NFS	Gamma	U-235	0.0491	0.0567	0.0946	U
2020-C	FS	NFS	Gamma	U-238	-0.4478	-4.921	8.424	U
2020-D	FS	NFS	Gamma	Am-241	0.371	0.2617	0.4382	U
2020-D	FS	NFS	Gamma	Th-232	1.104	0.2487	0.3994	
2020-D	FS	NFS	Gamma	U-235	0.0972	0.0535	0.0893	
2020-D	FS	NFS	Gamma	U-238	-2.111	-5.149	8.84	U
2020-E	FS	NFS	Gamma	Am-241	0.2476	0.3826	0.645	U
2020-E	FS	NFS	Gamma	Th-232	1.068	0.216	0.3437	
2020-E	FS	NFS	Gamma	U-235	0.0583	0.0527	0.0858	U
2020-E	FS	NFS	Gamma	U-238	-0.6963	-4.583	8.481	U
2021-A	FS	NFS	Gamma	Am-241	0.1182	0.3105	0.5252	U
2021-A	FS	NFS	Gamma	Th-232	0.9782	0.2818	0.4608	
2021-A	FS	NFS	Gamma	U-235	0.0438	0.0495	0.0814	U
2021-A	FS	NFS	Gamma	U-238	-1.494	-5.401	9.26	U
2021-B	FS	PARAGON	LSC	Tc-99	0.45	0.96	1.59	U
2021-B	FS	PARAGON	LSC	Pu-241	1.1	4	6.6	U
2021-B	FS	PARAGON	Gamma	Am-241	0.05	0.26	0.44	UJ
2021-B	FS	PARAGON	Gamma	Th-232	0.56	0.17	0.35	J
2021-B	FS	PARAGON	Gamma	U-235	0.21	0.17	0.27	UJ
2021-B	FS	PARAGON	Alpha	Am-241	0.018	0.013	0.013	U
2021-B	FS	PARAGON	Alpha	Pu-238	0.0016	0.008	0.0044	U
2021-B	FS	PARAGON	Alpha	Pu-239/240	0.0066	0.0081	0.0121	U
2021-B	FS	PARAGON	Alpha	Pu-242	0.008	0.0096	0.0148	U
2021-B	FS	PARAGON	Alpha	Th-230	0.54	0.15	0.1	
2021-B	FS	PARAGON	Alpha	Th-232	0.75	0.18	0.01	
2021-B	FS	PARAGON	Alpha	U-233/234	0.93	0.22	0.06	
2021-B	FS	PARAGON	Alpha	U-235	0.087	0.056	0.043	
2021-B	FS	PARAGON	Alpha	U-238	0.6	0.16	0.05	
2021-B	FS	NFS	Gamma	Am-241	-0.4257	-0.2824	0.4837	U
2021-B	FS	NFS	Gamma	Th-232	1.389	0.2411	0.3802	
2021-B	FS	NFS	Gamma	U-235	0.1055	0.0489	0.0812	
2021-B	FS	NFS	Gamma	U-238	0.5218	4.991	8.537	U
2021-B	LR	PARAGON	Alpha	Am-241	0.0091	0.0097	0.0133	U
2021-B	LR	PARAGON	Alpha	Pu-238	-0.0019	0.0094	0.0141	U
2021-B	LR	PARAGON	Alpha	Pu-239/240	0.013	0.014	0.021	U
2021-B	LR	PARAGON	Alpha	U-233/234	0.9	0.21	0.05	
2021-B	LR	PARAGON	Alpha	U-235	0.056	0.041	0.019	
2021-B	LR	PARAGON	Alpha	U-238	0.65	0.16	0.03	
2021-B-DUP	FD	PARAGON	LSC	Pu-241	1.1	3.8	6.4	U
2021-B-DUP	FD	PARAGON	Gamma	Am-241	-0.45	0.41	0.73	U
2021-B-DUP	FD	PARAGON	Gamma	Th-232	0.75	0.21	0.37	
2021-B-DUP	FD	PARAGON	Gamma	U-235	0.17	0.22	0.36	U

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Survey Unit 02 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
2021-B-DUP	FD	PARAGON	Alpha	Am-241	0.018	0.013	0.013	U
2021-B-DUP	FD	PARAGON	Alpha	Pu-238	0	0.0086	0.0047	U
2021-B-DUP	FD	PARAGON	Alpha	Pu-239/240	0.0053	0.0093	0.0163	U
2021-B-DUP	FD	PARAGON	Alpha	Pu-242	0.0079	0.0095	0.0146	U
2021-B-DUP	FD	PARAGON	Alpha	Th-230	0.7	0.15	0.07	
2021-B-DUP	FD	PARAGON	Alpha	Th-232	0.66	0.14	0.03	
2021-B-DUP	FD	PARAGON	Alpha	U-233/234	1.18	0.26	0.05	
2021-B-DUP	FD	PARAGON	Alpha	U-235	0.02	0.027	0.039	U
2021-B-DUP	FD	PARAGON	Alpha	U-238	0.72	0.18	0.02	
2021-B-DUP	LR	PARAGON	LSC	Pu-241	0.1	3.8	6.5	U
2021-B-DUP	LR	PARAGON	Alpha	Pu-242	0.019	0.013	0.015	U
2021-B-DUP	LR	PARAGON	Alpha	Th-230	0.62	0.15	0.09	R
2021-B-DUP	LR	PARAGON	Alpha	Th-232	0.74	0.17	0.03	
2021-C	FS	NFS	Gamma	Am-241	0.3282	0.3919	0.6595	U
2021-C	FS	NFS	Gamma	Th-232	1.425	0.3391	0.5509	
2021-C	FS	NFS	Gamma	U-235	0.1417	0.0541	0.0896	
2021-C	FS	NFS	Gamma	U-238	-1.028	-5.702	9.745	U
2021-D	FS	NFS	Gamma	Am-241	-0.0603	-0.284	0.4821	U
2021-D	FS	NFS	Gamma	Th-232	1.036	0.263	0.4262	
2021-D	FS	NFS	Gamma	U-235	0.0475	0.0532	0.0896	U
2021-D	FS	NFS	Gamma	U-238	6.626	4.472	7.44	U
2021-D-DUP	FD	NFS	Gamma	Am-241	-0.1674	-0.3448	0.5878	U
2021-D-DUP	FD	NFS	Gamma	Th-232	0.8626	0.3094	0.5096	
2021-D-DUP	FD	NFS	Gamma	U-235	-0.033	-0.053	0.0904	U
2021-D-DUP	FD	NFS	Gamma	U-238	5.611	4.836	8.203	U
2021-E	FS	NFS	Gamma	Am-241	0.1695	0.3645	0.6158	U
2021-E	FS	NFS	Gamma	Th-232	1.4	0.3336	0.5447	
2021-E	FS	NFS	Gamma	U-235	0.0874	0.0539	0.0883	U
2021-E	FS	NFS	Gamma	U-238	1.681	7.03	10.51	U
EB-02	EB	PARAGON	LSC	Pu-241	2.6	5.1	8.5	U
EB-02	EB	PARAGON	LSC	Tc-99	-1.4	6.5	11	U
EB-02	EB	PARAGON	Gamma	Am-241	-1.3	5	8.5	U
EB-02	EB	PARAGON	Gamma	Th-232	12	12	23	U
EB-02	EB	PARAGON	Gamma	U-235	2	14	24	U
EB-02	EB	PARAGON	Alpha	Am-241	0.016	0.028	0.021	U
EB-02	EB	PARAGON	Alpha	Pu-238	-0.004	0.024	0.043	U
EB-02	EB	PARAGON	Alpha	Pu-239/240	0.012	0.025	0.053	U
EB-02	EB	PARAGON	Alpha	Pu-242	0.041	0.038	0.048	U
EB-02	EB	PARAGON	Alpha	Th-230	0.046	0.06	0.113	U
EB-02	EB	PARAGON	Alpha	Th-232	0.003	0.017	0.026	U
EB-02	EB	PARAGON	Alpha	U-233/234	0.042	0.059	0.115	U
EB-02	EB	PARAGON	Alpha	U-235	0.003	0.044	0.083	U
EB-02	EB	PARAGON	Alpha	U-238	0.02	0.038	0.08	U
EB-02	LR	PARAGON	LSC	Tc-99	-5.2	6.6	11.3	U
EB-02	LR	PARAGON	Gamma	Am-241	4	35	58	U
EB-02	LR	PARAGON	Gamma	Th-232	4	17	29	U
EB-02	LR	PARAGON	Gamma	U-235	11	19	32	U
EB-024	EB	PARAGON	Alpha	Th-230	0.044	0.068	0.131	U
EB-024	EB	PARAGON	Alpha	Th-232	-0.004	0.021	0.057	U

Appendix G.2

Radiological Dataset, Survey Unit 8

Survey Unit 08 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0145-A	FS	PARAGON	LSC	Tc-99	0.02	0.85	1.44	U
0145-A	FS	PARAGON	LSC	Pu-241	0.3	2.8	4.7	U
0145-A	FS	PARAGON	Gamma	Am-241	-0.02	0.56	0.96	U
0145-A	FS	PARAGON	Gamma	Th-232	0.61	0.28	0.46	J
0145-A	FS	PARAGON	Gamma	U-235	-0.37	0.36	0.65	U
0145-A	FS	PARAGON	Alpha	Am-241	0.019	0.015	0.016	
0145-A	FS	PARAGON	Alpha	Pu-238	0.0092	0.0091	0.005	J
0145-A	FS	PARAGON	Alpha	Pu-239/240	0.018	0.013	0.013	
0145-A	FS	PARAGON	Alpha	Pu-242	0.036	0.019	0.014	
0145-A	FS	PARAGON	Alpha	Th-230	0.51	0.11	0.05	
0145-A	FS	PARAGON	Alpha	Th-232	0.56	0.12	0.02	
0145-A	FS	PARAGON	Alpha	U-233/234	2.06	0.4	0.04	
0145-A	FS	PARAGON	Alpha	U-235	0.094	0.053	0.018	
0145-A	FS	PARAGON	Alpha	U-238	0.56	0.15	0.04	
0145-A	FS	NFS	Gamma	Am-241	0.241	0.3241	0.546	U
0145-A	FS	NFS	Gamma	Th-232	0.5866	0.2175	0.3568	
0145-A	FS	NFS	Gamma	U-235	0.1503	0.0512	0.0843	
0145-A	FS	NFS	Gamma	U-238	1.044	6.464	10.99	U
0145-A	LR	PARAGON	Alpha	Am-241	0.034	0.025	0.029	
0145-A	LR	PARAGON	Alpha	Pu-238	0.002	0.011	0.022	U
0145-A	LR	PARAGON	Alpha	Pu-239/240	0.021	0.016	0.019	
0145-A	LR	PARAGON	Alpha	U-233/234	2.37	0.46	0.08	
0145-A	LR	PARAGON	Alpha	U-235	0.102	0.058	0.045	
0145-A	LR	PARAGON	Alpha	U-238	0.55	0.15	0.06	
0145-B	FS	NFS	Gamma	Am-241	-0.0961	-0.3685	0.6245	U
0145-B	FS	NFS	Gamma	Th-232	0.645	0.1942	0.3173	
0145-B	FS	NFS	Gamma	U-235	0.0725	0.0478	0.0794	U
0145-B	FS	NFS	Gamma	U-238	-7.157	-5.767	9.981	U
0145-C	FS	NFS	Gamma	Am-241	-0.1645	-0.3769	0.6417	U
0145-C	FS	NFS	Gamma	Th-232	1.402	0.2259	0.3553	
0145-C	FS	NFS	Gamma	U-235	0.0435	0.0578	0.0934	U
0145-C	FS	NFS	Gamma	U-238	8.984	5.822	9.708	U
0145-D	FS	NFS	Gamma	Am-241	0.4362	0.3951	0.664	U
0145-D	FS	NFS	Gamma	Th-232	1.359	0.2424	0.384	
0145-D	FS	NFS	Gamma	U-235	0.044	0.0534	0.0883	U
0145-D	FS	NFS	Gamma	U-238	1.277	5.291	8.794	U
0145-E	FS	NFS	Gamma	Am-241	-0.1859	-0.3817	0.6504	U
0145-E	FS	NFS	Gamma	Th-232	1.07	0.2585	0.4182	
0145-E	FS	NFS	Gamma	U-235	0.0867	0.0598	0.094	U
0145-E	FS	NFS	Gamma	U-238	3.086	6.407	10.84	U
0145-F	FS	NFS	Gamma	Am-241	-0.1289	-0.418	0.7083	U
0145-F	FS	NFS	Gamma	Th-232	1.081	0.2396	0.3825	
0145-F	FS	NFS	Gamma	U-235	0.0801	0.0547	0.0912	U
0145-F	FS	NFS	Gamma	U-238	2.421	5.583	9.419	U
0145-F-DUP	FD	NFS	Gamma	Am-241	-0.0179	-0.3749	0.6364	U
0145-F-DUP	FD	NFS	Gamma	Th-232	0.9901	0.2573	0.415	
0145-F-DUP	FD	NFS	Gamma	U-235	0.0428	0.0586	0.0954	U
0145-F-DUP	FD	NFS	Gamma	U-238	14.42	5.869	9.689	
0146-A	FS	NFS	Gamma	Am-241	-0.2191	-0.3868	0.6564	U
0146-A	FS	NFS	Gamma	Th-232	0.6755	0.1997	0.3232	
0146-A	FS	NFS	Gamma	U-235	0.2495	0.0514	0.083	
0146-A	FS	NFS	Gamma	U-238	4.85	4.179	6.992	U
0146-B	FS	NFS	Gamma	Am-241	0.372	0.322	0.5399	U
0146-B	FS	NFS	Gamma	Th-232	0.6129	0.2315	0.3754	

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Survey Unit 08 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0146-B	FS	NFS	Gamma	U-235	0.1819	0.0516	0.0832	
0146-B	FS	NFS	Gamma	U-238	4.903	6.096	10.27	U
0146-C	FS	NFS	Gamma	Am-241	-0.7088	-0.4332	0.7385	U
0146-C	FS	NFS	Gamma	Th-232	1.474	0.2528	0.3926	
0146-C	FS	NFS	Gamma	U-235	0.05	0.0556	0.0933	U
0146-C	FS	NFS	Gamma	U-238	1.96	5.516	9.361	U
0146-D	FS	NFS	Gamma	Am-241	0.3893	0.3981	0.6689	U
0146-D	FS	NFS	Gamma	Th-232	1.967	0.2578	0.391	
0146-D	FS	NFS	Gamma	U-235	0.078	0.0659	0.1026	U
0146-D	FS	NFS	Gamma	U-238	13.51	5.825	9.592	
0146-E	FS	NFS	Gamma	Am-241	-0.0852	-0.2794	0.4747	U
0146-E	FS	NFS	Gamma	Th-232	1.972	0.2941	0.4656	
0146-E	FS	NFS	Gamma	U-235	0.1486	0.0605	0.1001	
0146-E	FS	NFS	Gamma	U-238	10.74	4.937	8.162	
0146-F	FS	NFS	Gamma	Am-241	-0.3984	-0.4317	0.7375	U
0146-F	FS	NFS	Gamma	Th-232	1.048	0.294	0.4807	
0146-F	FS	NFS	Gamma	U-235	0.0921	0.0627	0.105	U
0146-F	FS	NFS	Gamma	U-238	-10.97	-6.554	11.42	U
0147-A	FS	NFS	Gamma	Am-241	0.007	0.2422	0.4108	U
0147-A	FS	NFS	Gamma	Th-232	1.107	0.2442	0.3937	
0147-A	FS	NFS	Gamma	U-235	0.138	0.0531	0.0875	
0147-A	FS	NFS	Gamma	U-238	4.039	4.547	7.65	U
0147-B	FS	NFS	Gamma	Am-241	0.382	0.3398	0.57	U
0147-B	FS	NFS	Gamma	Th-232	0.7504	0.2652	0.4241	
0147-B	FS	NFS	Gamma	U-235	0.2153	0.0537	0.0878	
0147-B	FS	NFS	Gamma	U-238	-5.884	-15.37	8.847	U
0147-C	FS	NFS	Gamma	Am-241	-0.2521	-0.278	0.4742	U
0147-C	FS	NFS	Gamma	Th-232	1.53	0.2383	0.372	
0147-C	FS	NFS	Gamma	U-235	0.1425	0.056	0.093	
0147-C	FS	NFS	Gamma	U-238	3.427	6.647	11.24	U
0147-D	FS	NFS	Gamma	Am-241	-0.3516	-0.3804	0.6499	U
0147-D	FS	NFS	Gamma	Th-232	1.776	0.2169	0.3228	
0147-D	FS	NFS	Gamma	U-235	0.1119	0.0599	0.0945	
0147-D	FS	NFS	Gamma	U-238	6.148	6.925	11.65	U
0147-E	FS	NFS	Gamma	Am-241	-0.343	-0.3262	0.5571	U
0147-E	FS	NFS	Gamma	Th-232	1.633	0.2569	0.403	
0147-E	FS	NFS	Gamma	U-235	0.0541	0.0632	0.1062	U
0147-E	FS	NFS	Gamma	U-238	10.59	6.88	11.48	U
0148-A	FS	NFS	Gamma	Am-241	0.6988	0.3644	0.6055	
0148-A	FS	NFS	Gamma	Th-232	0.79	0.2421	0.3951	
0148-A	FS	NFS	Gamma	U-235	0.4162	0.059	0.0937	
0148-A	FS	NFS	Gamma	U-238	8.171	6.571	11	U
0148-B	FS	NFS	Gamma	Am-241	0.1994	0.2486	0.4187	U
0148-B	FS	NFS	Gamma	Th-232	0.9965	0.1894	0.2977	
0148-B	FS	NFS	Gamma	U-235	0.1309	0.052	0.086	
0148-B	FS	NFS	Gamma	U-238	4.761	5.756	9.694	U
0148-C	FS	NFS	Gamma	Am-241	0.393	0.3166	0.5303	U
0148-C	FS	NFS	Gamma	Th-232	0.8424	0.2225	0.3593	
0148-C	FS	NFS	Gamma	U-235	0.1064	0.0514	0.0855	
0148-C	FS	NFS	Gamma	U-238	-5.404	-7.369	12.64	U
0148-C-DUP	FD	NFS	Gamma	Am-241	0.0339	0.2551	0.4321	U
0148-C-DUP	FD	NFS	Gamma	Th-232	1.009	0.1951	0.3064	
0148-C-DUP	FD	NFS	Gamma	U-235	0.146	0.0498	0.0819	
0148-C-DUP	FD	NFS	Gamma	U-238	7.212	6.185	10.14	U

Survey Unit 08 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0148-D	FS	NFS	Gamma	Am-241	-0.4764	-0.3614	0.6199	U
0148-D	FS	NFS	Gamma	Th-232	0.7008	0.2411	0.396	
0148-D	FS	NFS	Gamma	U-235	0.2281	0.053	0.0858	
0148-D	FS	NFS	Gamma	U-238	-0.0681	-7.053	12	U
0148-E	FS	NFS	Gamma	Am-241	-0.0293	-0.2706	0.4593	U
0148-E	FS	NFS	Gamma	Th-232	0.876	0.232	0.3795	
0148-E	FS	NFS	Gamma	U-235	0.1109	0.0558	0.093	
0148-E	FS	NFS	Gamma	U-238	9.691	6.216	10.37	U
0148-F	FS	NFS	Gamma	Am-241	0.1782	0.3318	0.5603	U
0148-F	FS	NFS	Gamma	Th-232	0.4201	0.2297	0.3752	
0148-F	FS	NFS	Gamma	U-235	0.059	0.0543	0.0867	U
0148-F	FS	NFS	Gamma	U-238	-0.2421	-7.176	12.21	U
0149-A	FS	PARAGON	LSC	Tc-99	3.2	1.1	1.4	
0149-A	FS	PARAGON	LSC	Pu-241	1.5	2.3	3.8	U
0149-A	FS	PARAGON	Gamma	Am-241	0.23	0.89	1.57	U
0149-A	FS	PARAGON	Gamma	Th-232	0.74	0.41	0.71	J
0149-A	FS	PARAGON	Gamma	U-235	0.27	0.37	0.62	U
0149-A	FS	PARAGON	Alpha	Am-241	0.144	0.045	0.026	
0149-A	FS	PARAGON	Alpha	Pu-238	0.015	0.012	0.014	
0149-A	FS	PARAGON	Alpha	Pu-239/240	0.286	0.065	0.014	
0149-A	FS	PARAGON	Alpha	Pu-242	0.0004	0.0075	0.0167	U
0149-A	FS	PARAGON	Alpha	Th-230	0.56	0.12	0.05	
0149-A	FS	PARAGON	Alpha	Th-232	0.77	0.16	0.04	
0149-A	FS	PARAGON	Alpha	U-233/234	4.8	0.89	0.08	
0149-A	FS	PARAGON	Alpha	U-235	0.176	0.086	0.062	
0149-A	FS	PARAGON	Alpha	U-238	0.72	0.19	0.05	
0149-A	FS	NFS	Gamma	Am-241	0.4387	0.2513	0.4204	
0149-A	FS	NFS	Gamma	Th-232	1.184	0.1934	0.2981	
0149-A	FS	NFS	Gamma	U-235	0.1281	0.0517	0.0853	
0149-A	FS	NFS	Gamma	U-238	7.617	4.674	7.764	U
0149-A	LR	PARAGON	Alpha	Am-241	0.108	0.035	0.015	
0149-A	LR	PARAGON	Alpha	Pu-238	0.025	0.015	0.014	
0149-A	LR	PARAGON	Alpha	Pu-239/240	0.246	0.058	0.005	
0149-A	LR	PARAGON	Alpha	U-233/234	4.96	0.89	0.09	
0149-A	LR	PARAGON	Alpha	U-235	0.198	0.085	0.058	
0149-A	LR	PARAGON	Alpha	U-238	0.84	0.2	0.06	
0149-B	FS	NFS	Gamma	Am-241	0.5161	0.3387	0.5656	U
0149-B	FS	NFS	Gamma	Th-232	1.018	0.251	0.4052	
0149-B	FS	NFS	Gamma	U-235	0.2017	0.0543	0.0885	
0149-B	FS	NFS	Gamma	U-238	7.098	8.1	9.699	U
0149-C	FS	NFS	Gamma	Am-241	-0.1371	-0.2986	0.5076	U
0149-C	FS	NFS	Gamma	Th-232	1.803	0.2615	0.4092	
0149-C	FS	NFS	Gamma	U-235	0.0264	0.0598	0.1009	U
0149-C	FS	NFS	Gamma	U-238	-3.772	-6.659	11.4	U
0149-D	FS	NFS	Gamma	Am-241	-0.329	-0.3846	0.6563	U
0149-D	FS	NFS	Gamma	Th-232	1.783	0.2321	0.3569	
0149-D	FS	NFS	Gamma	U-235	0.1499	0.0576	0.0938	
0149-D	FS	NFS	Gamma	U-238	-0.8912	-6.227	10.62	U
0149-E	FS	NFS	Gamma	Am-241	-0.3501	-0.2674	0.4579	U
0149-E	FS	NFS	Gamma	Th-232	0.8397	0.2197	0.3552	
0149-E	FS	NFS	Gamma	U-235	0.0629	0.0518	0.0854	U
0149-E	FS	NFS	Gamma	U-238	5.838	5.296	8.884	U
0150-A	FS	NFS	Gamma	Am-241	0.8559	0.312	0.5106	
0150-A	FS	NFS	Gamma	Th-232	0.1403	0.2545	0.413	U

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					Analytical Result	Error (2-sigma)	MDC	
0150-A	FS	NFS	Gamma	U-235	0.2135	0.0523	0.0836	
0150-A	FS	NFS	Gamma	U-238	2.89	6.382	9.513	U
0150-B	FS	NFS	Gamma	Am-241	0.0126	0.283	0.4796	U
0150-B	FS	NFS	Gamma	Th-232	0.8069	0.1992	0.3189	
0150-B	FS	NFS	Gamma	U-235	0.5937	0.0556	0.0855	
0150-B	FS	NFS	Gamma	U-238	6.107	4.893	8.185	U
0150-B-DUP	FD	NFS	Gamma	Am-241	0.2209	0.3666	0.6185	U
0150-B-DUP	FD	NFS	Gamma	Th-232	0.7021	0.2123	0.3453	
0150-B-DUP	FD	NFS	Gamma	U-235	0.6856	0.0572	0.0844	
0150-B-DUP	FD	NFS	Gamma	U-238	8.985	5.347	8.323	
0150-C	FS	NFS	Gamma	Am-241	0.1763	0.2506	0.4223	U
0150-C	FS	NFS	Gamma	Th-232	0.6681	0.2105	0.3412	
0150-C	FS	NFS	Gamma	U-235	0.0637	0.05	0.0838	U
0150-C	FS	NFS	Gamma	U-238	0.5801	5.5	9.359	U
0150-D	FS	NFS	Gamma	Am-241	0.2709	0.3882	0.6542	U
0150-D	FS	NFS	Gamma	Th-232	1.48	0.2331	0.364	
0150-D	FS	NFS	Gamma	U-235	0.1388	0.055	0.0908	
0150-D	FS	NFS	Gamma	U-238	14.25	5.085	8.272	
0150-E	FS	NFS	Gamma	Am-241	0.1129	0.2547	0.4303	U
0150-E	FS	NFS	Gamma	Th-232	1.592	0.2427	0.3789	
0150-E	FS	NFS	Gamma	U-235	0.0811	0.051	0.0847	U
0150-E	FS	NFS	Gamma	U-238	8.958	5.179	8.601	
0150-F	FS	NFS	Gamma	Am-241	-0.0441	-0.3468	0.5894	U
0150-F	FS	NFS	Gamma	Th-232	0.6037	0.2827	0.47	
0150-F	FS	NFS	Gamma	U-235	0.0696	0.0654	0.1056	U
0150-F	FS	NFS	Gamma	U-238	1.202	4.672	7.949	U
0151-A	FS	NFS	Gamma	Am-241	0.438	0.2695	0.4506	U
0151-A	FS	NFS	Gamma	Th-232	1.347	0.252	0.4013	
0151-A	FS	NFS	Gamma	U-235	0.2954	0.0588	0.0957	
0151-A	FS	NFS	Gamma	U-238	-0.3156	-16.05	10.42	U
0151-B	FS	NFS	Gamma	Am-241	0.2858	0.3615	0.6087	U
0151-B	FS	NFS	Gamma	Th-232	1.172	0.2526	0.4064	
0151-B	FS	NFS	Gamma	U-235	0.2372	0.063	0.1037	
0151-B	FS	NFS	Gamma	U-238	5.116	4.992	7.642	U
0151-C	FS	PARAGON	LSC	Tc-99	-0.16	0.96	1.62	U
0151-C	FS	NFS	Gamma	Am-241	0.022	0.296	0.5013	U
0151-C	FS	NFS	Gamma	Th-232	1.962	0.3076	0.4905	
0151-C	FS	NFS	Gamma	U-235	0.1972	0.0563	0.0928	
0151-C	FS	NFS	Gamma	U-238	11.67	5.975	9.923	
0151-C	LR	PARAGON	LSC	Tc-99	0.25	0.99	1.65	U
0151-D	FS	NFS	Gamma	Am-241	0.2271	0.3945	0.6656	U
0151-D	FS	NFS	Gamma	Th-232	1.565	0.2857	0.4576	
0151-D	FS	NFS	Gamma	U-235	0.0397	0.0809	0.1188	U
0151-D	FS	NFS	Gamma	U-238	4.474	4.998	8.209	U
0151-E	FS	NFS	Gamma	Am-241	-0.5689	-0.2803	0.4811	U
0151-E	FS	NFS	Gamma	Th-232	1.68	0.2422	0.3774	
0151-E	FS	NFS	Gamma	U-235	-0.014	-0.0537	0.0911	U
0151-E	FS	NFS	Gamma	U-238	0.8811	6.273	10.65	U
0152-A	FS	NFS	Gamma	Am-241	0.2844	0.3332	0.6058	U
0152-A	FS	NFS	Gamma	Th-232	1.322	0.2662	0.419	
0152-A	FS	NFS	Gamma	U-235	0.0753	0.0686	0.1154	U
0152-A	FS	NFS	Gamma	U-238	-7.907	-6.901	10.34	U
0152-A-DUP	FD	NFS	Gamma	Am-241	-0.2495	-0.271	0.4627	U
0152-A-DUP	FD	NFS	Gamma	Th-232	1.104	0.2823	0.4586	

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0152-A-DUP	FD	NFS	Gamma	U-235	0.0134	0.0554	0.0937	U
0152-A-DUP	FD	NFS	Gamma	U-238	11.17	5.388	8.988	
0152-B	FS	NFS	Gamma	Am-241	0.2558	0.3127	0.5264	U
0152-B	FS	NFS	Gamma	Th-232	0.5251	0.2282	0.3748	
0152-B	FS	NFS	Gamma	U-235	0.4664	0.0636	0.1014	
0152-B	FS	NFS	Gamma	U-238	-1.35	-5.808	8.292	U
0152-C	FS	NFS	Gamma	Am-241	-0.252	-0.2787	0.4757	U
0152-C	FS	NFS	Gamma	Th-232	1.417	0.2854	0.4572	
0152-C	FS	NFS	Gamma	U-235	0.0864	0.0562	0.0938	U
0152-C	FS	NFS	Gamma	U-238	3.167	5.762	12.16	U
0152-D	FS	NFS	Gamma	Am-241	0.3823	0.3369	0.5649	U
0152-D	FS	NFS	Gamma	Th-232	0.9788	0.2588	0.4203	
0152-D	FS	NFS	Gamma	U-235	0.3368	0.065	0.105	
0152-D	FS	NFS	Gamma	U-238	3.278	4.86	8.209	U
0152-E	FS	NFS	Gamma	Am-241	-0.3231	-0.2694	0.4607	U
0152-E	FS	NFS	Gamma	Th-232	1.322	0.2425	0.3848	
0152-E	FS	NFS	Gamma	U-235	0.0132	0.0537	0.0903	U
0152-E	FS	NFS	Gamma	U-238	1.849	6.031	10.23	U
0153-A	FS	PARAGON	LSC	Tc-99	0.94	0.9	1.44	U
0153-A	FS	PARAGON	LSC	Pu-241	3.6	2.8	4.4	U
0153-A	FS	PARAGON	Gamma	Am-241	0.96	0.76	1.22	U
0153-A	FS	PARAGON	Gamma	Th-232	1.17	0.39	0.67	J
0153-A	FS	PARAGON	Gamma	U-235	-0.13	0.47	0.83	U
0153-A	FS	PARAGON	Alpha	Am-241	0.62	0.13	0.01	
0153-A	FS	PARAGON	Alpha	Pu-238	0.085	0.034	0.028	J
0153-A	FS	PARAGON	Alpha	Pu-239/240	1.79	0.32	0.02	
0153-A	FS	PARAGON	Alpha	Pu-242	0.027	0.016	0.013	
0153-A	FS	PARAGON	Alpha	Th-230	1	0.19	0.05	
0153-A	FS	PARAGON	Alpha	Th-232	1.17	0.22	0.02	
0153-A	FS	PARAGON	Alpha	U-233/234	11.2	1.9	0.1	
0153-A	FS	PARAGON	Alpha	U-235	0.42	0.13	0.04	
0153-A	FS	PARAGON	Alpha	U-238	1.6	0.33	0.06	
0153-A	FS	NFS	Gamma	Am-241	0.4687	0.373	0.6709	U
0153-A	FS	NFS	Gamma	Th-232	1.339	0.2824	0.4472	
0153-A	FS	NFS	Gamma	U-235	0.4571	0.0731	0.1161	
0153-A	FS	NFS	Gamma	U-238	0.9068	4.886	8.331	U
0153-A-DUP	FD	PARAGON	LSC	Pu-241	4.7	3	4.6	
0153-A-DUP	FD	PARAGON	Gamma	Am-241	0.42	0.35	0.54	U
0153-A-DUP	FD	PARAGON	Gamma	Th-232	0.97	0.33	0.7	
0153-A-DUP	FD	PARAGON	Gamma	U-235	0.6	0.45	0.71	U
0153-A-DUP	FD	PARAGON	Alpha	Am-241	0.64	0.13	0.02	
0153-A-DUP	FD	PARAGON	Alpha	Pu-238	0.111	0.038	0.021	
0153-A-DUP	FD	PARAGON	Alpha	Pu-239/240	1.9	0.34	0.03	
0153-A-DUP	FD	PARAGON	Alpha	Pu-242	0.023	0.016	0.017	
0153-A-DUP	FD	PARAGON	Alpha	Th-230	0.95	0.18	0.05	
0153-A-DUP	FD	PARAGON	Alpha	Th-232	1.17	0.22	0.02	
0153-A-DUP	FD	PARAGON	Alpha	U-233/234	10.3	1.7	0	
0153-A-DUP	FD	PARAGON	Alpha	U-235	0.3	0.1	0.02	
0153-A-DUP	FD	PARAGON	Alpha	U-238	1.37	0.28	0.01	
0153-A-DUP	LR	PARAGON	Gamma	Am-241	0.8	0.58	0.88	U
0153-A-DUP	LR	PARAGON	Gamma	Th-232	1.06	0.46	0.65	J
0153-A-DUP	LR	PARAGON	Gamma	U-235	0.47	0.4	0.61	U
0153-B	FS	NFS	Gamma	Am-241	-0.2519	-0.2985	0.5087	U
0153-B	FS	NFS	Gamma	Th-232	1.576	0.2914	0.4668	

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					Analytical Result	Error (2-sigma)	MDC	
0153-B	FS	NFS	Gamma	U-235	0.1994	0.0556	0.0917	
0153-B	FS	NFS	Gamma	U-238	-1.405	-6.273	11.35	U
0153-C	FS	NFS	Gamma	Am-241	-0.1743	-0.3986	0.6783	U
0153-C	FS	NFS	Gamma	Th-232	1.993	0.2749	0.4284	
0153-C	FS	NFS	Gamma	U-235	0.1335	0.0715	0.1191	
0153-C	FS	NFS	Gamma	U-238	-12.39	-5.946	10.45	U
0153-D	FS	NFS	Gamma	Am-241	0.2714	0.2725	0.4581	U
0153-D	FS	NFS	Gamma	Th-232	1.852	0.2627	0.413	
0153-D	FS	NFS	Gamma	U-235	-0.0318	-0.0579	0.0976	U
0153-D	FS	NFS	Gamma	U-238	3.449	5.783	10.69	U
0153-E	FS	NFS	Gamma	Am-241	-0.148	-0.3568	0.6074	U
0153-E	FS	NFS	Gamma	Th-232	1.375	0.2447	0.3891	
0153-E	FS	NFS	Gamma	U-235	0.1441	0.0636	0.106	
0153-E	FS	NFS	Gamma	U-238	-1.007	-5.083	8.703	U
0153-E-DUP	FD	NFS	Gamma	Am-241	-0.2059	-0.2699	0.4602	U
0153-E-DUP	FD	NFS	Gamma	Th-232	1.462	0.2663	0.4239	
0153-E-DUP	FD	NFS	Gamma	U-235	-0.0393	-0.0555	0.0943	U
0153-E-DUP	FD	NFS	Gamma	U-238	3.121	5.917	10.76	U
0154-A	FS	PARAGON	LSC	Tc-99	0.18	0.85	1.42	U
0154-A	FS	NFS	Gamma	Am-241	1.338	0.4212	0.6874	
0154-A	FS	NFS	Gamma	Th-232	1.7	0.271	0.4163	
0154-A	FS	NFS	Gamma	U-235	0.5969	0.0755	0.1199	
0154-A	FS	NFS	Gamma	U-238	0.3355	5.149	8.789	U
0154-B	FS	NFS	Gamma	Am-241	-0.1687	-0.2578	0.4394	U
0154-B	FS	NFS	Gamma	Th-232	0.5225	0.2707	0.4503	
0154-B	FS	NFS	Gamma	U-235	0.2385	0.0531	0.0866	
0154-B	FS	NFS	Gamma	U-238	2.512	5.873	9.946	U
0154-C	FS	NFS	Gamma	Am-241	0.0941	0.3858	0.6532	U
0154-C	FS	NFS	Gamma	Th-232	1.471	0.3025	0.4875	
0154-C	FS	NFS	Gamma	U-235	0.1464	0.0715	0.1164	
0154-C	FS	NFS	Gamma	U-238	-0.8305	-5.9	10.09	U
0154-D	FS	NFS	Gamma	Am-241	-0.6187	-0.2997	0.5138	U
0154-D	FS	NFS	Gamma	Th-232	2.398	0.2796	0.4316	
0154-D	FS	NFS	Gamma	U-235	0.173	0.0591	0.098	
0154-D	FS	NFS	Gamma	U-238	8.986	4.999	8.288	
0154-E	FS	NFS	Gamma	Am-241	-0.1756	-0.3911	0.6658	U
0154-E	FS	NFS	Gamma	Th-232	1.384	0.2666	0.4183	
0154-E	FS	NFS	Gamma	U-235	0.1039	0.059	0.098	
0154-E	FS	NFS	Gamma	U-238	3.682	4.755	8.016	U
0155-A	FS	NFS	Gamma	Am-241	-0.4384	-0.234	0.4029	U
0155-A	FS	NFS	Gamma	Th-232	0.6863	0.229	0.3747	
0155-A	FS	NFS	Gamma	U-235	0.0971	0.0503	0.0833	
0155-A	FS	NFS	Gamma	U-238	4.374	5.007	8.427	U
0155-B	FS	PARAGON	LSC	Tc-99	0.22	0.85	1.43	U
0155-B	FS	NFS	Gamma	Am-241	-0.2753	-0.3318	0.5675	U
0155-B	FS	NFS	Gamma	Th-232	0.5798	0.2517	0.4167	
0155-B	FS	NFS	Gamma	U-235	0.132	0.0547	0.0903	
0155-B	FS	NFS	Gamma	U-238	-5.922	-4.614	9.014	U
0155-C	FS	NFS	Gamma	Am-241	-0.2022	-0.2625	0.4476	U
0155-C	FS	NFS	Gamma	Th-232	1.388	0.2552	0.4035	
0155-C	FS	NFS	Gamma	U-235	0.0263	0.0569	0.0921	U
0155-C	FS	NFS	Gamma	U-238	-2.146	-6.293	10.76	U
0155-D	FS	NFS	Gamma	Am-241	-0.4817	-0.3573	0.6125	U
0155-D	FS	NFS	Gamma	Th-232	1.24	0.2655	0.429	

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					Analytical Result	Error (2-sigma)	MDC	
0155-D	FS	NFS	Gamma	U-235	0.0968	0.0527	0.0877	
0155-D	FS	NFS	Gamma	U-238	-2.066	-5.212	8.948	U
0155-E	FS	NFS	Gamma	Am-241	-0.1108	-2683	0.4563	U
0155-E	FS	NFS	Gamma	Th-232	1.68	0.2553	0.4013	
0155-E	FS	NFS	Gamma	U-235	0.0554	0.0502	0.0844	U
0155-E	FS	NFS	Gamma	U-238	4.884	5.706	9.322	U
0155-F	FS	NFS	Gamma	Am-241	-0.7015	-0.3972	0.6833	U
0155-F	FS	NFS	Gamma	Th-232	1.627	0.2611	0.4091	
0155-F	FS	NFS	Gamma	U-235	0.1096	0.0588	0.098	
0155-F	FS	NFS	Gamma	U-238	4.698	4.765	8.118	U
0156-A	FS	NFS	Gamma	Am-241	-0.3033	-0.2269	0.3892	U
0156-A	FS	NFS	Gamma	Th-232	0.3515	0.2337	0.3903	U
0156-A	FS	NFS	Gamma	U-235	0.0334	0.0489	0.0825	U
0156-A	FS	NFS	Gamma	U-238	3.384	4.538	7.654	U
0156-B	FS	NFS	Gamma	Am-241	-0.3004	-0.3153	0.5393	U
0156-B	FS	NFS	Gamma	Th-232	0.8061	0.2139	0.3419	
0156-B	FS	NFS	Gamma	U-235	0.1344	0.05	0.0804	
0156-B	FS	NFS	Gamma	U-238	3.693	3.89	6.521	U
0156-C	FS	NFS	Gamma	Am-241	-0.4077	-0.2968	0.5078	U
0156-C	FS	NFS	Gamma	Th-232	1.496	0.2732	0.4352	
0156-C	FS	NFS	Gamma	U-235	0.2335	0.0564	0.0921	
0156-C	FS	NFS	Gamma	U-238	-4.024	-10.68	10.3	U
0156-D	FS	NFS	Gamma	Am-241	-0.0174	-0.354	0.6009	U
0156-D	FS	NFS	Gamma	Th-232	1.279	0.2322	0.3657	
0156-D	FS	NFS	Gamma	U-235	0.0504	0.0573	0.0935	U
0156-D	FS	NFS	Gamma	U-238	-1.59	-4.865	8.36	U
0156-E	FS	NFS	Gamma	Am-241	0.0049	0.2599	0.4406	U
0156-E	FS	NFS	Gamma	Th-232	1.699	0.2295	0.352	
0156-E	FS	NFS	Gamma	U-235	0.1078	0.0558	0.0923	
0156-E	FS	NFS	Gamma	U-238	-2.115	-5.579	9.556	U
0156-E-DUP	FD	NFS	Gamma	Am-241	-0.4807	-0.3618	0.6197	U
0156-E-DUP	FD	NFS	Gamma	Th-232	0.7813	0.2469	0.3961	
0156-E-DUP	FD	NFS	Gamma	U-235	0.0987	0.0529	0.0868	
0156-E-DUP	FD	NFS	Gamma	U-238	-2.721	-4.154	8.353	U
0156-F	FS	NFS	Gamma	Am-241	-0.1536	-0.2494	0.4253	U
0156-F	FS	NFS	Gamma	Th-232	0.686	0.2093	0.3398	
0156-F	FS	NFS	Gamma	U-235	0.1564	0.0502	0.0828	
0156-F	FS	NFS	Gamma	U-238	-3.078	-5.311	9.138	U
0157-A	FS	PARAGON	LSC	Tc-99	3.5	1.1	1.4	
0157-A	FS	PARAGON	LSC	Pu-241	5.6	3.1	4.6	
0157-A	FS	PARAGON	Gamma	Am-241	1.26	0.9	1.38	U
0157-A	FS	PARAGON	Gamma	Th-232	1.05	0.29	0.47	
0157-A	FS	PARAGON	Gamma	U-235	1.07	0.35	0.54	
0157-A	FS	PARAGON	Alpha	Am-241	1.35	0.34	0.12	
0157-A	FS	PARAGON	Alpha	Pu-238	0.24	0.095	0.055	
0157-A	FS	PARAGON	Alpha	Pu-239/240	4.16	0.75	0.09	
0157-A	FS	PARAGON	Alpha	Pu-242	0.039	0.021	0.014	R
0157-A	FS	PARAGON	Alpha	Th-230	1.04	0.31	0.26	
0157-A	FS	PARAGON	Alpha	Th-232	1.57	0.38	0.03	
0157-A	FS	PARAGON	Alpha	U-233/234	38.7	6.7	0.2	
0157-A	FS	PARAGON	Alpha	U-235	1	0.39	0.08	
0157-A	FS	PARAGON	Alpha	U-238	2.01	0.57	0.18	
0157-A	FS	NFS	Gamma	Am-241	1.306	0.4256	0.6992	
0157-A	FS	NFS	Gamma	Th-232	1.287	0.3091	0.4863	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0157-A	FS	NFS	Gamma	U-235	1.313	0.0745	0.1065	
0157-A	FS	NFS	Gamma	U-238	1.103	5.186	8.83	U
0157-B	FS	NFS	Gamma	Am-241	0.1888	0.2479	0.4177	U
0157-B	FS	NFS	Gamma	Th-232	0.8342	0.23	0.3733	
0157-B	FS	NFS	Gamma	U-235	0.2517	0.0538	0.0878	
0157-B	FS	NFS	Gamma	U-238	-5.058	-11.1	9.088	U
0157-C	FS	NFS	Gamma	Am-241	0.0529	0.3954	0.6697	U
0157-C	FS	NFS	Gamma	Th-232	1.328	0.2737	0.4389	
0157-C	FS	NFS	Gamma	U-235	0.0781	0.059	0.099	U
0157-C	FS	NFS	Gamma	U-238	-0.8287	-5.994	9.354	U
0157-D	FS	NFS	Gamma	Am-241	-0.1744	-0.2563	0.4369	U
0157-D	FS	NFS	Gamma	Th-232	1.017	0.2397	0.387	
0157-D	FS	NFS	Gamma	U-235	0.0879	0.0526	0.0873	
0157-D	FS	NFS	Gamma	U-238	-0.679	-7.736	9.406	U
0157-E	FS	NFS	Gamma	Am-241	-0.4562	-0.3817	0.6527	U
0157-E	FS	NFS	Gamma	Th-232	1.051	0.2776	0.4493	
0157-E	FS	NFS	Gamma	U-235	0.0968	0.0557	0.0931	
0157-E	FS	NFS	Gamma	U-238	-1.432	-5.524	9.203	U
0158-A	FS	PARAGON	LSC	Tc-99	1.04	0.87	1.38	UJ
0158-A	FS	NFS	Gamma	Am-241	-0.3258	-0.324	0.5531	U
0158-A	FS	NFS	Gamma	Th-232	1.646	0.2943	0.4588	
0158-A	FS	NFS	Gamma	U-235	1.529	0.0811	0.1155	
0158-A	FS	NFS	Gamma	U-238	2.77	7.188	12.19	U
0158-B	FS	NFS	Gamma	Am-241	-0.5522	-0.3579	0.6145	U
0158-B	FS	NFS	Gamma	Th-232	0.9172	0.2545	0.3983	
0158-B	FS	NFS	Gamma	U-235	0.7409	0.0631	0.0955	
0158-B	FS	NFS	Gamma	U-238	-6.013	-5.67	9.817	U
0158-C	FS	NFS	Gamma	Am-241	-0.0896	-0.2901	0.4928	U
0158-C	FS	NFS	Gamma	Th-232	1.794	0.2561	0.3998	
0158-C	FS	NFS	Gamma	U-235	0.182	0.0529	0.087	
0158-C	FS	NFS	Gamma	U-238	9.673	5.996	9.995	U
0158-D	FS	NFS	Gamma	Am-241	-0.4595	-0.3876	0.6628	U
0158-D	FS	NFS	Gamma	Th-232	1.284	0.2508	0.3964	
0158-D	FS	NFS	Gamma	U-235	0.1984	0.0566	0.0909	
0158-D	FS	NFS	Gamma	U-238	8.04	5.238	8.664	U
0158-D-DUP	FD	NFS	Gamma	Am-241	-0.0205	-0.2834	0.4805	U
0158-D-DUP	FD	NFS	Gamma	Th-232	1.367	0.2713	0.4368	
0158-D-DUP	FD	NFS	Gamma	U-235	0.0694	0.0536	0.0884	U
0158-D-DUP	FD	NFS	Gamma	U-238	0.414	6.363	10.81	U
0158-E	FS	NFS	Gamma	Am-241	-0.3935	-0.3523	0.6028	U
0158-E	FS	NFS	Gamma	Th-232	1.107	0.212	0.3358	
0158-E	FS	NFS	Gamma	U-235	0.073	0.0587	0.0888	U
0158-E	FS	NFS	Gamma	U-238	0.3407	5.393	9.186	U
0159-A	FS	NFS	Gamma	Am-241	0.1657	0.2687	0.4533	U
0159-A	FS	NFS	Gamma	Th-232	1.362	0.2618	0.4175	
0159-A	FS	NFS	Gamma	U-235	0.0403	0.0525	0.0884	U
0159-A	FS	NFS	Gamma	U-238	6.014	6.14	10.32	U
0159-B	FS	NFS	Gamma	Am-241	0.1288	0.3159	0.5342	U
0159-B	FS	NFS	Gamma	Th-232	0.4757	0.2159	0.3599	
0159-B	FS	NFS	Gamma	U-235	0.0854	0.0482	0.0804	
0159-B	FS	NFS	Gamma	U-238	-0.0892	-5.394	9.209	U
0159-C	FS	NFS	Gamma	Am-241	0.0329	0.2545	0.4311	U
0159-C	FS	NFS	Gamma	Th-232	0.5936	0.2962	0.4926	
0159-C	FS	NFS	Gamma	U-235	0.0446	0.0505	0.0849	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0159-C	FS	NFS	Gamma	U-238	2.073	6.591	11.17	U
0159-D	FS	NFS	Gamma	Am-241	0.3411	0.3982	0.6699	U
0159-D	FS	NFS	Gamma	Th-232	1.366	0.2306	0.361	
0159-D	FS	NFS	Gamma	U-235	0.0924	0.0549	0.0899	
0159-D	FS	NFS	Gamma	U-238	-2.479	-5.98	10.25	U
0159-E	FS	NFS	Gamma	Am-241	-0.0881	-0.2575	0.4374	U
0159-E	FS	NFS	Gamma	Th-232	-0.1496	-0.4538	0.7713	U
0159-E	FS	NFS	Gamma	U-235	0.0138	0.0541	0.0916	U
0159-E	FS	NFS	Gamma	U-238	-2.289	-8.82	15.03	U
0159-F	FS	NFS	Gamma	Am-241	0.0006	0.3791	0.6433	U
0159-F	FS	NFS	Gamma	Th-232	1.056	0.2391	0.3831	
0159-F	FS	NFS	Gamma	U-235	0.0677	0.0591	0.0972	U
0159-F	FS	NFS	Gamma	U-238	-10.2	-7.117	12.34	U
0160-A	FS	NFS	Gamma	Am-241	0.2745	0.2737	0.4263	U
0160-A	FS	NFS	Gamma	Th-232	0.7383	0.1956	0.3142	
0160-A	FS	NFS	Gamma	U-235	0.1315	0.0533	0.0884	
0160-A	FS	NFS	Gamma	U-238	-5.615	-5.645	9.751	U
0160-B	FS	NFS	Gamma	Am-241	-0.2857	-0.3388	0.5796	U
0160-B	FS	NFS	Gamma	Th-232	0.985	0.2076	0.3298	
0160-B	FS	NFS	Gamma	U-235	0.0999	0.0504	0.0839	
0160-B	FS	NFS	Gamma	U-238	0.0509	4.463	7.63	U
0160-C	FS	NFS	Gamma	Am-241	0.172	0.2465	0.4155	U
0160-C	FS	NFS	Gamma	Th-232	0.9616	0.1854	0.291	
0160-C	FS	NFS	Gamma	U-235	0.0742	0.053	0.0887	U
0160-C	FS	NFS	Gamma	U-238	-6.696	-5.656	9.253	U
0160-C-DUP	FD	NFS	Gamma	Am-241	-0.1612	-0.3542	0.6036	U
0160-C-DUP	FD	NFS	Gamma	Th-232	0.9077	0.2185	0.3486	
0160-C-DUP	FD	NFS	Gamma	U-235	0.137	0.0554	0.0893	
0160-C-DUP	FD	NFS	Gamma	U-238	-3.487	-5.051	8.713	U
0160-D	FS	NFS	Gamma	Am-241	0.1437	0.2745	0.4634	U
0160-D	FS	NFS	Gamma	Th-232	0.9521	0.2101	0.3357	
0160-D	FS	NFS	Gamma	U-235	0.0725	0.0541	0.0907	U
0160-D	FS	NFS	Gamma	U-238	1.875	5.238	8.979	U
0160-E	FS	NFS	Gamma	Am-241	-0.4643	-0.3897	0.6667	U
0160-E	FS	NFS	Gamma	Th-232	1.522	0.231	0.3613	
0160-E	FS	NFS	Gamma	U-235	0.0237	0.0598	0.101	U
0160-E	FS	NFS	Gamma	U-238	-2.182	-5.39	9.248	U
0160-F	FS	NFS	Gamma	Am-241	0.4148	0.2532	0.4229	U
0160-F	FS	NFS	Gamma	Th-232	0.278	0.2206	0.3692	U
0160-F	FS	NFS	Gamma	U-235	0.1768	0.055	0.0908	
0160-F	FS	NFS	Gamma	U-238	-7.56	-6.409	11.08	U
0161-A	FS	PARAGON	LSC	Tc-99	5.6	1.3	1.4	J
0161-A	FS	PARAGON	LSC	Pu-241	8.8	3.5	4.8	
0161-A	FS	PARAGON	Gamma	Am-241	1.51	0.27	0.19	
0161-A	FS	PARAGON	Gamma	Th-232	1.24	0.37	0.67	
0161-A	FS	PARAGON	Gamma	U-235	0.99	0.37	0.65	
0161-A	FS	PARAGON	Alpha	Am-241	1.34	0.23	0	
0161-A	FS	PARAGON	Alpha	Pu-238	0.214	0.052	0.013	
0161-A	FS	PARAGON	Alpha	Pu-239/240	4.03	0.66	0.02	
0161-A	FS	PARAGON	Alpha	Pu-242	0.005	0.013	0.026	U
0161-A	FS	PARAGON	Alpha	Th-230	1	0.18	0.04	
0161-A	FS	PARAGON	Alpha	Th-232	1.73	0.3	0.02	
0161-A	FS	PARAGON	Alpha	U-233/234	27	4.5	0.1	
0161-A	FS	PARAGON	Alpha	U-235	0.89	0.21	0.02	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0161-A	FS	PARAGON	Alpha	U-238	1.91	0.37	0.03	
0161-A	FS	NFS	Gamma	Am-241	0.7383	0.3243	0.5398	
0161-A	FS	NFS	Gamma	Th-232	1.826	0.2699	0.4232	
0161-A	FS	NFS	Gamma	U-235	1.206	0.0659	0.0957	
0161-A	FS	NFS	Gamma	U-238	-2.551	-7.863	9.74	U
0161-A	LR	PARAGON	LSC	Tc-99	3.2	1.1	1.4	
0161-B	FS	NFS	Gamma	Am-241	-0.2132	-0.361	0.6156	U
0161-B	FS	NFS	Gamma	Th-232	1.047	0.2111	0.3328	
0161-B	FS	NFS	Gamma	U-235	0.4589	0.0573	0.09	
0161-B	FS	NFS	Gamma	U-238	-9.988	-5.821	10.17	U
0161-C	FS	NFS	Gamma	Am-241	0.2185	0.2708	0.456	U
0161-C	FS	NFS	Gamma	Th-232	1.921	0.2438	0.3736	
0161-C	FS	NFS	Gamma	U-235	0.13	0.0565	0.0941	
0161-C	FS	NFS	Gamma	U-238	-0.865	-5.858	9.995	U
0161-D	FS	NFS	Gamma	Am-241	0.1348	0.3617	0.6116	U
0161-D	FS	NFS	Gamma	Th-232	1.388	0.2528	0.3997	
0161-D	FS	NFS	Gamma	U-235	0.1808	0.0576	0.0951	
0161-D	FS	NFS	Gamma	U-238	0.6867	4.847	8.265	U
0161-D-DUP	FD	NFS	Gamma	Am-241	-0.353	-0.3055	0.5216	U
0161-D-DUP	FD	NFS	Gamma	Th-232	1.782	0.2177	0.3297	
0161-D-DUP	FD	NFS	Gamma	U-235	0.049	0.0556	0.0933	U
0161-D-DUP	FD	NFS	Gamma	U-238	-1.278	-5.613	9.587	U
0161-E	FS	NFS	Gamma	Am-241	0.0793	0.3651	0.6183	U
0161-E	FS	NFS	Gamma	Th-232	1.022	0.2465	0.3991	
0161-E	FS	NFS	Gamma	U-235	0.098	0.0546	0.0893	
0161-E	FS	NFS	Gamma	U-238	-3.008	-5.02	8.656	U
0162-A	FS	NFS	Gamma	Am-241	-0.2035	-0.3615	0.6165	U
0162-A	FS	NFS	Gamma	Th-232	0.6779	0.2798	0.4355	
0162-A	FS	NFS	Gamma	U-235	0.3586	0.0594	0.0931	
0162-A	FS	NFS	Gamma	U-238	-5.882	-5.593	9.69	U
0162-B	FS	NFS	Gamma	Am-241	0.1607	0.2404	0.4054	U
0162-B	FS	NFS	Gamma	Th-232	-0.2157	-0.3432	0.5867	U
0162-B	FS	NFS	Gamma	U-235	0.3302	0.0559	0.091	
0162-B	FS	NFS	Gamma	U-238	-2.463	-6.685	11.45	U
0162-C	FS	NFS	Gamma	Am-241	-0.514	-0.4165	0.7125	U
0162-C	FS	NFS	Gamma	Th-232	1.5	0.2539	0.3927	
0162-C	FS	NFS	Gamma	U-235	0.118	0.0615	0.101	
0162-C	FS	NFS	Gamma	U-238	-7.735	-6.168	10.69	U
0162-D	FS	NFS	Gamma	Am-241	-0.2211	-0.2819	0.4802	U
0162-D	FS	NFS	Gamma	Th-232	2.017	0.2259	0.3385	
0162-D	FS	NFS	Gamma	U-235	0.049	0.0544	0.0902	U
0162-D	FS	NFS	Gamma	U-238	-1.339	-5.663	9.674	U
0162-E	FS	NFS	Gamma	Am-241	-0.0296	-0.3686	0.6256	U
0162-E	FS	NFS	Gamma	Th-232	1.412	0.2351	0.3686	
0162-E	FS	NFS	Gamma	U-235	0.0783	0.0525	0.0878	U
0162-E	FS	NFS	Gamma	U-238	-3.454	-5.59	9.615	U
0163-A	FS	NFS	Gamma	Am-241	0.2031	0.3512	0.5928	U
0163-A	FS	NFS	Gamma	Th-232	1.041	0.2534	0.401	
0163-A	FS	NFS	Gamma	U-235	0.1326	0.0527	0.0873	
0163-A	FS	NFS	Gamma	U-238	-4.802	-5.11	8.869	U
0163-B	FS	NFS	Gamma	Am-241	0.359	0.2308	0.3935	U
0163-B	FS	NFS	Gamma	Th-232	0.687	0.2046	0.3316	
0163-B	FS	NFS	Gamma	U-235	0.1277	0.0517	0.0859	
0163-B	FS	NFS	Gamma	U-238	-3.217	-6.335	10.85	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0163-C	FS	NFS	Gamma	Am-241	0.1972	0.3276	0.5527	U
0163-C	FS	NFS	Gamma	Th-232	1.047	0.243	0.393	
0163-C	FS	NFS	Gamma	U-235	0.0625	0.0559	0.0938	U
0163-C	FS	NFS	Gamma	U-238	-1.148	-4.731	7.851	U
0163-D	FS	NFS	Gamma	Am-241	-0.2773	-0.2902	0.4949	U
0163-D	FS	NFS	Gamma	Th-232	1.166	0.2512	0.406	
0163-D	FS	NFS	Gamma	U-235	0.1794	0.0548	0.0905	
0163-D	FS	NFS	Gamma	U-238	8.502	6.129	10.25	U
0163-E	FS	NFS	Gamma	Am-241	-1.008	-0.4213	0.7228	U
0163-E	FS	NFS	Gamma	Th-232	1.882	0.2549	0.3959	
0163-E	FS	NFS	Gamma	U-235	0.1042	0.0609	0.0956	
0163-E	FS	NFS	Gamma	U-238	-7.085	-5.64	9.78	U
0163-F	FS	NFS	Gamma	Am-241	0.1503	0.2626	0.4431	U
0163-F	FS	NFS	Gamma	Th-232	1.326	0.237	0.3748	
0163-F	FS	NFS	Gamma	U-235	-0.0278	-0.0564	0.0959	U
0163-F	FS	NFS	Gamma	U-238	-3.662	-6.732	11.52	U
0164-A	FS	NFS	Gamma	Am-241	0.095	0.231	0.3851	U
0164-A	FS	NFS	Gamma	Th-232	0.4222	0.1974	0.3264	
0164-A	FS	NFS	Gamma	U-235	0.0676	0.0479	0.0797	U
0164-A	FS	NFS	Gamma	U-238	-2.712	-4.449	7.667	U
0164-B	FS	NFS	Gamma	Am-241	0.5102	0.3202	0.5338	U
0164-B	FS	NFS	Gamma	Th-232	0.583	0.2248	0.3637	
0164-B	FS	NFS	Gamma	U-235	0.1167	0.0531	0.0867	
0164-B	FS	NFS	Gamma	U-238	2.798	6.02	10.19	U
0164-C	FS	NFS	Gamma	Am-241	-0.27	-0.2925	0.4989	U
0164-C	FS	NFS	Gamma	Th-232	1.388	0.2419	0.3835	
0164-C	FS	NFS	Gamma	U-235	0.153	0.0533	0.0881	
0164-C	FS	NFS	Gamma	U-238	0.5262	4.789	8.155	U
0164-D	FS	NFS	Gamma	Am-241	-0.3485	-0.4227	0.7208	U
0164-D	FS	NFS	Gamma	Th-232	1.893	0.2481	0.382	
0164-D	FS	NFS	Gamma	U-235	0.0882	0.0605	0.0999	U
0164-D	FS	NFS	Gamma	U-238	8.616	6.586	11.02	U
0164-E	FS	NFS	Gamma	Am-241	-0.4487	-0.2852	0.4881	U
0164-E	FS	NFS	Gamma	Th-232	1.316	0.2208	0.3508	
0164-E	FS	NFS	Gamma	U-235	0.2056	0.0523	0.086	
0164-E	FS	NFS	Gamma	U-238	-2.463	-5.042	8.644	U
0164-F	FS	NFS	Gamma	Am-241	-1.332	-0.4299	0.739	U
0164-F	FS	NFS	Gamma	Th-232	1.354	0.2772	0.4426	
0164-F	FS	NFS	Gamma	U-235	0.0853	0.0616	0.0999	U
0164-F	FS	NFS	Gamma	U-238	9.69	6.385	10.05	U
0165-A	FS	PARAGON	LSC	Tc-99	0.22	0.83	1.39	UJ
0165-A	FS	PARAGON	LSC	Pu-241	1	2.2	3.6	UJ
0165-A	FS	PARAGON	Gamma	Am-241	-0.01	0.65	1.17	U
0165-A	FS	PARAGON	Gamma	Th-232	0.97	0.41	0.59	J
0165-A	FS	PARAGON	Gamma	U-235	0.23	0.4	0.67	U
0165-A	FS	PARAGON	Alpha	Am-241	0.162	0.043	0.013	
0165-A	FS	PARAGON	Alpha	Pu-238	0.033	0.017	0.005	
0165-A	FS	PARAGON	Alpha	Pu-239/240	0.55	0.11	0.01	
0165-A	FS	PARAGON	Alpha	Pu-242	0.009	0.0087	0.0121	UJ
0165-A	FS	PARAGON	Alpha	Th-230	0.74	0.17	0.06	
0165-A	FS	PARAGON	Alpha	Th-232	0.97	0.21	0.02	
0165-A	FS	PARAGON	Alpha	U-233/234	4.81	0.84	0.05	
0165-A	FS	PARAGON	Alpha	U-235	0.179	0.073	0.033	
0165-A	FS	PARAGON	Alpha	U-238	1.03	0.22	0.05	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0165-A	FS	NFS	Gamma	Am-241	0.1336	0.28	0.4729	U
0165-A	FS	NFS	Gamma	Th-232	1.172	0.2503	0.401	
0165-A	FS	NFS	Gamma	U-235	0.2044	0.0543	0.0893	
0165-A	FS	NFS	Gamma	U-238	2.21	7.957	8.564	U
0165-A	LR	PARAGON	Gamma	Am-241	0.22	0.11	0.15	
0165-A	LR	PARAGON	Gamma	Th-232	1.1	0.37	0.61	J
0165-A	LR	PARAGON	Gamma	U-235	0.17	0.31	0.52	U
0165-B	FS	NFS	Gamma	Am-241	0.2282	0.3395	0.5723	U
0165-B	FS	NFS	Gamma	Th-232	0.788	0.2087	0.3349	
0165-B	FS	NFS	Gamma	U-235	0.0339	0.0481	0.0803	U
0165-B	FS	NFS	Gamma	U-238	-7.313	-5.314	9.255	U
0165-B-DUP	FD	NFS	Gamma	Am-241	0.0294	0.2425	0.4108	U
0165-B-DUP	FD	NFS	Gamma	Th-232	1.13	0.1765	0.2681	
0165-B-DUP	FD	NFS	Gamma	U-235	0.0394	0.0469	0.0784	U
0165-B-DUP	FD	NFS	Gamma	U-238	5.342	3.936	6.704	U
0165-C	FS	NFS	Gamma	Am-241	0.0695	0.3836	0.6496	U
0165-C	FS	NFS	Gamma	Th-232	1.662	0.2481	0.3837	
0165-C	FS	NFS	Gamma	U-235	0.0995	0.0579	0.0928	
0165-C	FS	NFS	Gamma	U-238	1.91	5.362	8.981	U
0165-D	FS	NFS	Gamma	Am-241	1.276	0.6212	1.036	
0165-D	FS	NFS	Gamma	Th-232	7.031	1.054	1.574	
0165-D	FS	NFS	Gamma	U-235	0.2568	0.1569	0.2627	U
0165-D	FS	NFS	Gamma	U-238	32.97	21.54	34.68	U
0165-E	FS	NFS	Gamma	Am-241	-0.3787	-0.4025	0.6869	U
0165-E	FS	NFS	Gamma	Th-232	1.106	0.2738	0.4321	
0165-E	FS	NFS	Gamma	U-235	-0.0162	-0.0674	0.1013	U
0165-E	FS	NFS	Gamma	U-238	3.604	5.322	8.984	U
0165-F	FS	NFS	Gamma	Am-241	0.09	0.3394	0.5746	U
0165-F	FS	NFS	Gamma	Th-232	1.159	0.2104	0.3319	
0165-F	FS	NFS	Gamma	U-235	0.0017	0.0522	0.0886	U
0165-F	FS	NFS	Gamma	U-238	-1.101	-5.622	8.344	U
0166-A	FS	NFS	Gamma	Am-241	-0.0667	-0.3279	0.5562	U
0166-A	FS	NFS	Gamma	Th-232	1.339	0.276	0.4426	
0166-A	FS	NFS	Gamma	U-235	1.293	0.0677	0.0975	
0166-A	FS	NFS	Gamma	U-238	6.248	5.021	8.395	U
0166-B	FS	NFS	Gamma	Am-241	0.1549	0.3724	0.6295	U
0166-B	FS	NFS	Gamma	Th-232	1.048	0.2526	0.4028	
0166-B	FS	NFS	Gamma	U-235	0.1552	0.0574	0.0952	
0166-B	FS	NFS	Gamma	U-238	-7.623	-5.656	9.849	U
0166-C	FS	NFS	Gamma	Am-241	0.1364	0.3802	0.6419	U
0166-C	FS	NFS	Gamma	Th-232	1.756	0.2475	0.3849	
0166-C	FS	NFS	Gamma	U-235	0.1488	0.0559	0.0926	
0166-C	FS	NFS	Gamma	U-238	1.082	5.362	9.063	U
0166-D	FS	NFS	Gamma	Am-241	0.4808	0.37	0.6195	U
0166-D	FS	NFS	Gamma	Th-232	1.447	0.2461	0.3887	
0166-D	FS	NFS	Gamma	U-235	0.0362	0.0634	0.0971	U
0166-D	FS	NFS	Gamma	U-238	3.751	5.784	9.765	U
0166-E	FS	NFS	Gamma	Am-241	0.2069	0.3603	0.6076	U
0166-E	FS	NFS	Gamma	Th-232	0.7069	0.1975	0.3197	
0166-E	FS	NFS	Gamma	U-235	-0.0141	-0.0495	0.0842	U
0166-E	FS	NFS	Gamma	U-238	-4.316	-5.313	9.149	U
0167-A	FS	PARAGON	LSC	Tc-99	7.3	2.2	2.7	
0167-A	FS	NFS	Gamma	Am-241	2.997	0.5466	0.8648	
0167-A	FS	NFS	Gamma	Th-232	3.615	0.3291	0.4832	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0167-A	FS	NFS	Gamma	U-235	2.316	0.0903	0.1172	
0167-A	FS	NFS	Gamma	U-238	7.02	5.706	8.807	U
0167-B	FS	NFS	Gamma	Am-241	-0.1708	-0.405	0.6887	U
0167-B	FS	NFS	Gamma	Th-232	1.905	0.2726	0.4211	
0167-B	FS	NFS	Gamma	U-235	0.1847	0.0599	0.0991	
0167-B	FS	NFS	Gamma	U-238	-2.169	-2.745	9.405	U
0167-C	FS	NFS	Gamma	Am-241	0.7712	0.39	0.6476	
0167-C	FS	NFS	Gamma	Th-232	2.031	0.2629	0.4058	
0167-C	FS	NFS	Gamma	U-235	0.1492	0.0603	0.0983	
0167-C	FS	NFS	Gamma	U-238	-4.29	-6.191	10.64	U
0167-D	FS	NFS	Gamma	Am-241	-0.5527	-0.3974	0.6798	U
0167-D	FS	NFS	Gamma	Th-232	1.69	0.2439	0.3742	
0167-D	FS	NFS	Gamma	U-235	0.1101	0.0572	0.0948	
0167-D	FS	NFS	Gamma	U-238	1.458	4.093	9.754	U
0167-E	FS	NFS	Gamma	Am-241	-0.5186	-0.3803	0.6509	U
0167-E	FS	NFS	Gamma	Th-232	1.205	0.2213	0.3454	
0167-E	FS	NFS	Gamma	U-235	0.0054	0.0541	0.0917	U
0167-E	FS	NFS	Gamma	U-238	2.879	5.56	8.808	U
0168-A	FS	NFS	Gamma	Am-241	0.2646	0.3989	0.6447	U
0168-A	FS	NFS	Gamma	Th-232	1.258	0.202	0.3074	
0168-A	FS	NFS	Gamma	U-235	0.4884	0.056	0.0868	
0168-A	FS	NFS	Gamma	U-238	4.634	5.049	8.582	U
0168-A-DUP	FD	NFS	Gamma	Am-241	0.1741	0.3494	0.5899	U
0168-A-DUP	FD	NFS	Gamma	Th-232	1.244	0.1772	0.2697	
0168-A-DUP	FD	NFS	Gamma	U-235	0.547	0.0541	0.082	
0168-A-DUP	FD	NFS	Gamma	U-238	2.576	4.93	8.344	U
0168-B	FS	NFS	Gamma	Am-241	-0.4045	-0.382	0.6526	U
0168-B	FS	NFS	Gamma	Th-232	1.342	0.2216	0.3424	
0168-B	FS	NFS	Gamma	U-235	0.3094	0.0568	0.0904	
0168-B	FS	NFS	Gamma	U-238	-3.726	-5.952	10.22	U
0168-C	FS	PARAGON	LSC	Tc-99	-0.13	0.86	1.46	U
0168-C	FS	NFS	Gamma	Am-241	-0.0518	-0.3833	0.6508	U
0168-C	FS	NFS	Gamma	Th-232	1.777	0.2425	0.3696	
0168-C	FS	NFS	Gamma	U-235	0.0213	0.0629	0.0965	U
0168-C	FS	NFS	Gamma	U-238	0.5358	5.39	9.735	U
0168-C-DUP	FD	PARAGON	LSC	Tc-99	-0.11	0.98	1.65	U
0168-D	FS	NFS	Gamma	Am-241	0.2802	0.3775	0.6358	U
0168-D	FS	NFS	Gamma	Th-232	0.9693	0.2764	0.4375	
0168-D	FS	NFS	Gamma	U-235	0.093	0.0571	0.0944	U
0168-D	FS	NFS	Gamma	U-238	1.486	5.028	9.431	U
0168-E	FS	NFS	Gamma	Am-241	0.1611	0.3779	0.6386	U
0168-E	FS	NFS	Gamma	Th-232	1.389	0.2125	0.3303	
0168-E	FS	NFS	Gamma	U-235	0.0261	0.055	0.0928	U
0168-E	FS	NFS	Gamma	U-238	6.776	4.889	8.155	U
0169-A	FS	PARAGON	LSC	Tc-99	3.3	1.2	1.6	
0169-A	FS	PARAGON	LSC	Pu-241	4.6	7.2	11.9	U
0169-A	FS	PARAGON	Gamma	Am-241	1.52	0.72	0.94	
0169-A	FS	PARAGON	Gamma	Th-232	1.73	0.55	0.69	J
0169-A	FS	PARAGON	Gamma	U-235	1.06	0.53	0.75	
0169-A	FS	PARAGON	Alpha	Am-241	1.65	0.31	0.01	
0169-A	FS	PARAGON	Alpha	Pu-238	0.292	0.081	0.01	
0169-A	FS	PARAGON	Alpha	Pu-239/240	4.71	0.79	0.01	
0169-A	FS	PARAGON	Alpha	Pu-242	0.046	0.039	0.051	U
0169-A	FS	PARAGON	Alpha	Th-230	1.04	0.25	0.14	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0169-A	FS	PARAGON	Alpha	Th-232	1.66	0.35	0.05	
0169-A	FS	PARAGON	Alpha	U-233/234	29.7	5	0.1	
0169-A	FS	PARAGON	Alpha	U-235	0.92	0.28	0.08	
0169-A	FS	PARAGON	Alpha	U-238	2.24	0.5	0.09	
0169-A	FS	NFS	Gamma	Am-241	1.686	0.4546	0.7399	
0169-A	FS	NFS	Gamma	Th-232	2.428	0.2855	0.4331	
0169-A	FS	NFS	Gamma	U-235	1.337	0.0748	0.1063	
0169-A	FS	NFS	Gamma	U-238	-0.9221	-5.305	9.09	U
0169-B	FS	NFS	Gamma	Am-241	0.1663	0.1583	0.415	U
0169-B	FS	NFS	Gamma	Th-232	0.7165	0.205	0.3315	
0169-B	FS	NFS	Gamma	U-235	0.1727	0.0531	0.0875	
0169-B	FS	NFS	Gamma	U-238	-1.941	-6.35	10.85	U
0169-C	FS	NFS	Gamma	Am-241	0.1525	0.3757	0.635	U
0169-C	FS	NFS	Gamma	Th-232	1.719	0.2831	0.4479	
0169-C	FS	NFS	Gamma	U-235	0.1429	0.0572	0.0944	
0169-C	FS	NFS	Gamma	U-238	-2.816	-8.247	9.796	U
0169-D	FS	NFS	Gamma	Am-241	-0.4246	-0.2998	0.5127	U
0169-D	FS	NFS	Gamma	Th-232	1.259	0.2511	0.4015	J
0169-D	FS	NFS	Gamma	U-235	0.0776	0.0576	0.0966	U
0169-D	FS	NFS	Gamma	U-238	3.025	8.871	11.3	U
0169-D-DUP	FD	NFS	Gamma	Am-241	-0.3706	-0.4121	0.7039	U
0169-D-DUP	FD	NFS	Gamma	Th-232	2.11	0.2681	0.4083	J
0169-D-DUP	FD	NFS	Gamma	U-235	0.1062	0.0599	0.0961	
0169-D-DUP	FD	NFS	Gamma	U-238	-2.732	-5.684	9.769	U
0169-E	FS	NFS	Gamma	Am-241	-0.0828	-0.2674	0.4543	U
0169-E	FS	NFS	Gamma	Th-232	1.038	0.2227	0.3585	
0169-E	FS	NFS	Gamma	U-235	0.0975	0.0515	0.0853	
0169-E	FS	NFS	Gamma	U-238	5.169	9.422	10.04	U
0169-F	FS	NFS	Gamma	Am-241	-0.5758	-0.3628	0.6223	U
0169-F	FS	NFS	Gamma	Th-232	1.139	0.2379	0.3822	
0169-F	FS	NFS	Gamma	U-235	0.0774	0.0499	0.0835	U
0169-F	FS	NFS	Gamma	U-238	1.301	4.699	7.313	U
0170-A	FS	NFS	Gamma	Am-241	0.1912	0.2814	0.4743	U
0170-A	FS	NFS	Gamma	Th-232	1.134	0.25	0.4024	
0170-A	FS	NFS	Gamma	U-235	0.2063	0.0591	0.0974	
0170-A	FS	NFS	Gamma	U-238	-0.6102	-6.763	11.52	U
0170-B	FS	NFS	Gamma	Am-241	-0.2651	-0.3632	0.6207	U
0170-B	FS	NFS	Gamma	Th-232	1.185	0.2325	0.3688	
0170-B	FS	NFS	Gamma	U-235	0.0638	0.0513	0.0861	U
0170-B	FS	NFS	Gamma	U-238	-5.401	-19.33	8.201	U
0170-C	FS	NFS	Gamma	Am-241	-0.0009	-0.2823	0.4784	U
0170-C	FS	NFS	Gamma	Th-232	1.114	0.2533	0.4088	
0170-C	FS	NFS	Gamma	U-235	0.0619	0.0554	0.0931	U
0170-C	FS	NFS	Gamma	U-238	5.231	6.279	10.57	U
0170-D	FS	NFS	Gamma	Am-241	-0.2695	-0.3985	0.6792	U
0170-D	FS	NFS	Gamma	Th-232	1.775	0.2764	0.4361	
0170-D	FS	NFS	Gamma	U-235	0.1142	0.0558	0.0913	
0170-D	FS	NFS	Gamma	U-238	3.448	4.881	8.237	U
0170-E	FS	NFS	Gamma	Am-241	-0.2656	-0.2719	0.4639	U
0170-E	FS	NFS	Gamma	Th-232	1.412	0.243	0.3847	
0170-E	FS	NFS	Gamma	U-235	0.1572	0.0535	0.0886	
0170-E	FS	NFS	Gamma	U-238	2.576	6.154	10.42	U
0170-F	FS	NFS	Gamma	Am-241	0.1816	0.3504	0.5918	U
0170-F	FS	NFS	Gamma	Th-232	1.24	0.2443	0.39	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0170-F	FS	NFS	Gamma	U-235	0.1617	0.0502	0.0823	
0170-F	FS	NFS	Gamma	U-238	-4.837	-4.999	8.662	U
0171-A	FS	NFS	Gamma	Am-241	-0.3839	-0.292	0.4998	U
0171-A	FS	NFS	Gamma	Th-232	0.8868	0.2476	0.4024	
0171-A	FS	NFS	Gamma	U-235	0.2359	0.0592	0.0966	
0171-A	FS	NFS	Gamma	U-238	-4.234	-5.378	9.279	U
0171-B	FS	NFS	Gamma	Am-241	0.0801	0.3762	0.6371	U
0171-B	FS	NFS	Gamma	Th-232	0.754	0.282	0.4609	
0171-B	FS	NFS	Gamma	U-235	0.2492	0.06	0.0981	
0171-B	FS	NFS	Gamma	U-238	9.6	6.577	10.97	U
0171-C	FS	PARAGON	LSC	Tc-99	0.25	0.86	1.43	U
0171-C	FS	PARAGON	LSC	Pu-241	0.5	2.6	4.5	U
0171-C	FS	PARAGON	Gamma	Am-241	0.3	1.1	1.9	U
0171-C	FS	PARAGON	Gamma	Th-232	1.3	0.36	0.53	
0171-C	FS	PARAGON	Gamma	U-235	-0.12	0.36	0.66	U
0171-C	FS	PARAGON	Alpha	Am-241	0.01	0.01	0.014	U
0171-C	FS	PARAGON	Alpha	Pu-238	-0.0018	0.0087	0.0166	U
0171-C	FS	PARAGON	Alpha	Pu-239/240	0.012	0.014	0.021	U
0171-C	FS	PARAGON	Alpha	Pu-242	0.021	0.014	0.006	
0171-C	FS	PARAGON	Alpha	Th-230	0.67	0.13	0.04	
0171-C	FS	PARAGON	Alpha	Th-232	1.21	0.22	0.02	
0171-C	FS	PARAGON	Alpha	U-233/234	0.79	0.18	0.03	
0171-C	FS	PARAGON	Alpha	U-235	0.024	0.026	0.033	U
0171-C	FS	PARAGON	Alpha	U-238	0.6	0.15	0.03	
0171-C	FS	NFS	Gamma	Am-241	0.2699	0.2865	0.4819	U
0171-C	FS	NFS	Gamma	Th-232	1.545	0.2499	0.394	
0171-C	FS	NFS	Gamma	U-235	0.18	0.0557	0.0921	
0171-C	FS	NFS	Gamma	U-238	3.383	4.904	8.118	U
0171-D	FS	NFS	Gamma	Am-241	0.0261	0.3922	0.6648	U
0171-D	FS	NFS	Gamma	Th-232	1.428	0.2684	0.4275	
0171-D	FS	NFS	Gamma	U-235	0.1088	0.0659	0.1039	
0171-D	FS	NFS	Gamma	U-238	8.13	6.554	10.97	U
0171-D-DUP	FD	NFS	Gamma	Am-241	-0.3142	-0.2736	0.4675	U
0171-D-DUP	FD	NFS	Gamma	Th-232	1.207	0.2616	0.4203	
0171-D-DUP	FD	NFS	Gamma	U-235	0.1135	0.0579	0.0966	
0171-D-DUP	FD	NFS	Gamma	U-238	8.397	6.062	10.17	U
0171-E	FS	NFS	Gamma	Am-241	-0.6917	-0.3775	0.6486	U
0171-E	FS	NFS	Gamma	Th-232	1.29	0.2853	0.461	
0171-E	FS	NFS	Gamma	U-235	0.1225	0.0568	0.0939	
0171-E	FS	NFS	Gamma	U-238	0.6928	5.192	10.13	U
0171-F	FS	NFS	Gamma	Am-241	-0.3243	-0.277	0.4733	U
0171-F	FS	NFS	Gamma	Th-232	1.623	0.2197	0.3356	
0171-F	FS	NFS	Gamma	U-235	0.0691	0.057	0.0958	U
0171-F	FS	NFS	Gamma	U-238	7.032	6.274	10.16	U
0172-A	FS	NFS	Gamma	Am-241	-0.3732	-0.4075	0.6962	U
0172-A	FS	NFS	Gamma	Th-232	1.303	0.2897	0.4683	
0172-A	FS	NFS	Gamma	U-235	0.4403	0.0637	0.1001	
0172-A	FS	NFS	Gamma	U-238	6.909	5.522	9.233	U
0172-B	FS	NFS	Gamma	Am-241	-0.6254	-0.2679	0.4616	U
0172-B	FS	NFS	Gamma	Th-232	0.6195	0.2255	0.3701	
0172-B	FS	NFS	Gamma	U-235	0.1088	0.051	0.0848	
0172-B	FS	NFS	Gamma	U-238	10.12	5.181	8.572	
0172-C	FS	NFS	Gamma	Am-241	-0.5085	-0.4194	0.7176	U
0172-C	FS	NFS	Gamma	Th-232	1.801	0.2891	0.4581	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0172-C	FS	NFS	Gamma	U-235	0.1413	0.0571	0.0948	
0172-C	FS	NFS	Gamma	U-238	6.93	5.264	8.792	U
0172-D	FS	NFS	Gamma	Am-241	-0.0463	-0.2768	0.4697	U
0172-D	FS	NFS	Gamma	Th-232	1.645	0.2498	0.3916	
0172-D	FS	NFS	Gamma	U-235	0.1555	0.0547	0.0906	
0172-D	FS	NFS	Gamma	U-238	12.18	5.477	9.014	
0172-E	FS	NFS	Gamma	Am-241	-0.5417	-0.3477	0.5962	U
0172-E	FS	NFS	Gamma	Th-232	0.9229	0.2929	0.4827	
0172-E	FS	NFS	Gamma	U-235	0.089	0.057	0.0954	U
0172-E	FS	NFS	Gamma	U-238	-0.6291	-3.317	9.578	U
0172-F	FS	NFS	Gamma	Am-241	-0.1604	-0.2442	0.4168	U
0172-F	FS	NFS	Gamma	Th-232	0.3976	0.2177	0.3568	
0172-F	FS	NFS	Gamma	U-235	0.0869	0.0513	0.0857	
0172-F	FS	NFS	Gamma	U-238	5.911	5.857	9.839	U
0173-A	FS	PARAGON	LSC	Tc-99	0.5	1	1.7	U
0173-A	FS	PARAGON	LSC	Pu-241	0.8	2.6	4.4	U
0173-A	FS	PARAGON	Gamma	Am-241	-0.36	0.69	1.19	U
0173-A	FS	PARAGON	Gamma	Th-232	1	0.3	0.53	
0173-A	FS	PARAGON	Gamma	U-235	0.53	0.48	0.77	U
0173-A	FS	PARAGON	Alpha	Am-241	0.392	0.082	0.005	
0173-A	FS	PARAGON	Alpha	Pu-238	0.067	0.026	0.005	
0173-A	FS	PARAGON	Alpha	Pu-239/240	1.21	0.22	0.01	
0173-A	FS	PARAGON	Alpha	Pu-242	0.0068	0.0085	0.0127	U
0173-A	FS	PARAGON	Alpha	Th-230	0.83	0.16	0.04	
0173-A	FS	PARAGON	Alpha	Th-232	1.16	0.21	0.02	
0173-A	FS	PARAGON	Alpha	U-233/234	27.6	4.5	0	
0173-A	FS	PARAGON	Alpha	U-235	0.77	0.19	0.04	
0173-A	FS	PARAGON	Alpha	U-238	1.94	0.37	0.03	
0173-A	FS	NFS	Gamma	Am-241	0.5189	0.4016	0.6727	U
0173-A	FS	NFS	Gamma	Th-232	1.429	0.2391	0.3716	
0173-A	FS	NFS	Gamma	U-235	1.144	0.0695	0.0993	
0173-A	FS	NFS	Gamma	U-238	12.06	6.587	10.37	
0173-A	LR	PARAGON	LSC	Pu-241	1.8	2.8	4.6	U
0173-A	LR	PARAGON	Gamma	Am-241	0.27	0.47	0.8	U
0173-A	LR	PARAGON	Gamma	Th-232	0.98	0.39	0.46	J
0173-A	LR	PARAGON	Gamma	U-235	0.6	0.35	0.57	
0173-A	LR	PARAGON	Alpha	Pu-242	0.068	0.028	0.014	
0173-A	LR	PARAGON	Alpha	Th-230	0.71	0.14	0.04	J
0173-A	LR	PARAGON	Alpha	Th-232	1.15	0.21	0.01	
0173-B	FS	NFS	Gamma	Am-241	-0.0322	-0.3768	0.6396	U
0173-B	FS	NFS	Gamma	Th-232	1.177	0.2254	0.3597	
0173-B	FS	NFS	Gamma	U-235	0.1887	0.0553	0.089	
0173-B	FS	NFS	Gamma	U-238	5.561	4.986	7.758	U
0173-C	FS	NFS	Gamma	Am-241	0.1774	0.3462	0.5845	U
0173-C	FS	NFS	Gamma	Th-232	0.6798	0.2233	0.3663	
0173-C	FS	NFS	Gamma	U-235	0.0193	0.0514	0.0869	U
0173-C	FS	NFS	Gamma	U-238	1.294	5.37	9.122	U
0173-D	FS	NFS	Gamma	Am-241	0.0414	0.3466	0.6399	U
0173-D	FS	NFS	Gamma	Th-232	1.249	0.2156	0.3384	
0173-D	FS	NFS	Gamma	U-235	0.1027	0.052	0.0864	
0173-D	FS	NFS	Gamma	U-238	-4.917	-5.748	9.894	U
0173-E	FS	NFS	Gamma	Am-241	0.0537	0.3625	0.6142	U
0173-E	FS	NFS	Gamma	Th-232	0.9163	0.2359	0.3833	
0173-E	FS	NFS	Gamma	U-235	0.1519	0.0515	0.0851	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0173-E	FS	NFS	Gamma	U-238	8.962	5.774	9.624	U
0174-A	FS	NFS	Gamma	Am-241	0.6694	0.4452	0.7579	U
0174-A	FS	NFS	Gamma	Th-232	2.295	0.2787	0.429	
0174-A	FS	NFS	Gamma	U-235	1.028	0.0698	0.1055	
0174-A	FS	NFS	Gamma	U-238	0.4566	5.731	9.757	U
0174-A-DUP	FD	NFS	Gamma	Am-241	2.156	0.4406	0.7045	
0174-A-DUP	FD	NFS	Gamma	Th-232	2.299	0.2624	0.3968	
0174-A-DUP	FD	NFS	Gamma	U-235	1.263	0.0744	0.1067	
0174-A-DUP	FD	NFS	Gamma	U-238	16.99	5.783	9.412	
0174-B	FS	NFS	Gamma	Am-241	1.329	0.4631	0.7602	
0174-B	FS	NFS	Gamma	Th-232	1.901	0.2499	0.3828	
0174-B	FS	NFS	Gamma	U-235	0.8033	0.0698	0.1044	
0174-B	FS	NFS	Gamma	U-238	6.553	6.028	9.695	U
0174-C	FS	NFS	Gamma	Am-241	0.4306	0.3759	0.6305	U
0174-C	FS	NFS	Gamma	Th-232	1.288	0.2615	0.4083	
0174-C	FS	NFS	Gamma	U-235	0.1818	0.0561	0.0926	
0174-C	FS	NFS	Gamma	U-238	-0.6354	-5.57	9.508	U
0174-D	FS	NFS	Gamma	Am-241	0.7006	0.405	0.6747	
0174-D	FS	NFS	Gamma	Th-232	1.937	0.2314	0.3543	
0174-D	FS	NFS	Gamma	U-235	0.3725	0.0603	0.0963	
0174-D	FS	NFS	Gamma	U-238	7.522	4.868	7.99	U
0174-E	FS	NFS	Gamma	Am-241	0.0429	0.389	0.6577	U
0174-E	FS	NFS	Gamma	Th-232	0.8648	0.2187	0.3565	
0174-E	FS	NFS	Gamma	U-235	0.0143	0.0519	0.0878	U
0174-E	FS	NFS	Gamma	U-238	-10.65	-6.102	10.6	U
0175-A	FS	NFS	Gamma	Am-241	0.0867	0.3646	0.6173	U
0175-A	FS	NFS	Gamma	Th-232	1.035	0.2708	0.4403	
0175-A	FS	NFS	Gamma	U-235	0.5738	0.0563	0.0866	
0175-A	FS	NFS	Gamma	U-238	5.34	11.35	19.17	U
0175-A-DUP	FD	NFS	Gamma	Am-241	0.7236	0.3414	0.5657	
0175-A-DUP	FD	NFS	Gamma	Th-232	1.201	0.2359	0.3773	
0175-A-DUP	FD	NFS	Gamma	U-235	0.5578	0.0534	0.0822	
0175-A-DUP	FD	NFS	Gamma	U-238	-3.017	-11.17	18.96	U
0175-B	FS	NFS	Gamma	Am-241	0.2046	0.3182	0.5366	U
0175-B	FS	NFS	Gamma	Th-232	0.6271	0.2494	0.4121	
0175-B	FS	NFS	Gamma	U-235	0.4817	0.0549	0.0849	
0175-B	FS	NFS	Gamma	U-238	4.906	11.14	18.82	U
0175-C	FS	NFS	Gamma	Am-241	0.2896	0.3714	0.6253	U
0175-C	FS	NFS	Gamma	Th-232	1.776	0.2775	0.4372	
0175-C	FS	NFS	Gamma	U-235	0.1739	0.0593	0.0957	
0175-C	FS	NFS	Gamma	U-238	0.9314	11.19	18.95	U
0175-D	FS	NFS	Gamma	Am-241	-0.2531	-52.55	0.6531	U
0175-D	FS	NFS	Gamma	Th-232	1.325	0.2566	0.4095	
0175-D	FS	NFS	Gamma	U-235	0.1182	0.0536	0.0893	
0175-D	FS	NFS	Gamma	U-238	2.234	5.651	9.576	U
0175-E	FS	NFS	Gamma	Am-241	-0.0707	-0.3331	0.5662	U
0175-E	FS	NFS	Gamma	Th-232	0.9009	0.209	0.3338	
0175-E	FS	NFS	Gamma	U-235	0.0692	0.0549	0.0819	U
0175-E	FS	NFS	Gamma	U-238	1.495	5.008	8.503	U
0176-A	FS	NFS	Gamma	Am-241	0.93	0.3301	0.5463	
0176-A	FS	NFS	Gamma	Th-232	1.633	0.2948	0.4686	
0176-A	FS	NFS	Gamma	U-235	0.5774	0.0702	0.1116	
0176-A	FS	NFS	Gamma	U-238	5.467	6.306	11.53	U
0176-B	FS	NFS	Gamma	Am-241	-0.0231	-0.3256	0.5533	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0176-B	FS	NFS	Gamma	Th-232	1.285	0.2029	0.3129	
0176-B	FS	NFS	Gamma	U-235	0.1357	0.0488	0.0779	
0176-B	FS	NFS	Gamma	U-238	-0.0685	-4.67	7.986	U
0176-B-DUP	FD	NFS	Gamma	Am-241	-0.2589	-0.4548	0.4217	U
0176-B-DUP	FD	NFS	Gamma	Th-232	0.3808	0.1943	0.325	
0176-B-DUP	FD	NFS	Gamma	U-235	0.1145	0.0492	0.0818	
0176-B-DUP	FD	NFS	Gamma	U-238	-5.898	-5.165	8.953	U
0176-C	FS	PARAGON	LSC	Tc-99	0.12	0.89	1.49	U
0176-C	FS	PARAGON	LSC	Pu-241	-0.5	2.9	4.9	U
0176-C	FS	PARAGON	Gamma	Am-241	-0.19	0.54	1.02	U
0176-C	FS	PARAGON	Gamma	Th-232	1.02	0.4	0.58	J
0176-C	FS	PARAGON	Gamma	U-235	-0.01	0.3	0.56	U
0176-C	FS	PARAGON	Alpha	Am-241	0.0095	0.0094	0.0052	J
0176-C	FS	PARAGON	Alpha	Pu-238	-0.002	0.012	0.017	U
0176-C	FS	PARAGON	Alpha	Pu-239/240	0.014	0.012	0.006	U
0176-C	FS	PARAGON	Alpha	Pu-242	0.015	0.013	0.015	
0176-C	FS	PARAGON	Alpha	Th-230	0.7	0.14	0.04	
0176-C	FS	PARAGON	Alpha	Th-232	0.98	0.18	0.02	
0176-C	FS	PARAGON	Alpha	U-233/234	0.97	0.22	0.09	
0176-C	FS	PARAGON	Alpha	U-235	0.043	0.038	0.052	U
0176-C	FS	PARAGON	Alpha	U-238	0.63	0.16	0.05	
0176-C	FS	NFS	Gamma	Am-241	-0.3703	-0.3742	0.6396	U
0176-C	FS	NFS	Gamma	Th-232	1.473	0.3078	0.4864	
0176-C	FS	NFS	Gamma	U-235	-0.0089	-0.0558	0.0954	U
0176-C	FS	NFS	Gamma	U-238	0.8276	5.943	10.11	U
0176-C-DUP	FD	PARAGON	LSC	Pu-241	-0.4	2.4	4.2	U
0176-C-DUP	FD	PARAGON	Gamma	Am-241	0.06	0.57	1.02	U
0176-C-DUP	FD	PARAGON	Gamma	Th-232	1.25	0.43	0.84	
0176-C-DUP	FD	PARAGON	Gamma	U-235	0.14	0.36	0.62	U
0176-C-DUP	FD	PARAGON	Alpha	Am-241	0.011	0.011	0.014	U
0176-C-DUP	FD	PARAGON	Alpha	Pu-238	0.002	0.012	0.022	U
0176-C-DUP	FD	PARAGON	Alpha	Pu-239/240	0.007	0.012	0.017	U
0176-C-DUP	FD	PARAGON	Alpha	Pu-242	0.0016	0.0082	0.0159	U
0176-C-DUP	FD	PARAGON	Alpha	Th-230	0.59	0.12	0.04	
0176-C-DUP	FD	PARAGON	Alpha	Th-232	0.91	0.17	0.02	
0176-C-DUP	FD	PARAGON	Alpha	U-233/234	0.72	0.17	0.05	
0176-C-DUP	FD	PARAGON	Alpha	U-235	0.037	0.033	0.035	
0176-C-DUP	FD	PARAGON	Alpha	U-238	0.6	0.15	0.04	
0176-D	FS	NFS	Gamma	Am-241	-0.3086	-0.2849	0.4862	U
0176-D	FS	NFS	Gamma	Th-232	1.331	0.2555	0.4103	
0176-D	FS	NFS	Gamma	U-235	0.0735	0.0547	0.0918	U
0176-D	FS	NFS	Gamma	U-238	-9.144	-6.327	10.94	U
0176-E	FS	NFS	Gamma	Am-241	-0.0301	-0.3386	0.5753	U
0176-E	FS	NFS	Gamma	Th-232	0.8675	0.281	0.4602	
0176-E	FS	NFS	Gamma	U-235	0.0382	0.0579	0.0868	U
0176-E	FS	NFS	Gamma	U-238	-4.455	-6.116	10.51	U
0176-F	FS	NFS	Gamma	Am-241	-0.1386	-0.2712	0.4616	U
0176-F	FS	NFS	Gamma	Th-232	0.4671	0.2215	0.3666	
0176-F	FS	NFS	Gamma	U-235	0.1571	0.0513	0.0845	
0176-F	FS	NFS	Gamma	U-238	-5.531	-6.039	10.4	U
0177-A	FS	PARAGON	LSC	Tc-99	0.2	1	1.7	U
0177-A	FS	PARAGON	LSC	Pu-241	-0.1	2.3	3.9	U
0177-A	FS	PARAGON	Gamma	Am-241	0.23	0.64	1.11	U
0177-A	FS	PARAGON	Gamma	Th-232	1.28	0.48	0.61	J

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0177-A	FS	PARAGON	Gamma	U-235	0.37	0.47	0.77	U
0177-A	FS	PARAGON	Alpha	Am-241	0.082	0.028	0.014	
0177-A	FS	PARAGON	Alpha	Pu-238	0.024	0.014	0.005	
0177-A	FS	PARAGON	Alpha	Pu-239/240	0.244	0.059	0.018	
0177-A	FS	PARAGON	Alpha	Pu-242	0.0015	0.0077	0.0148	U
0177-A	FS	PARAGON	Alpha	Th-230	0.93	0.18	0.05	
0177-A	FS	PARAGON	Alpha	Th-232	1.16	0.21	0.02	
0177-A	FS	PARAGON	Alpha	U-233/234	3.91	0.7	0.09	
0177-A	FS	PARAGON	Alpha	U-235	0.138	0.066	0.044	
0177-A	FS	PARAGON	Alpha	U-238	1.11	0.24	0.06	
0177-A	FS	NFS	Gamma	Am-241	0.2107	0.2861	0.482	U
0177-A	FS	NFS	Gamma	Th-232	1.693	0.2822	0.4455	
0177-A	FS	NFS	Gamma	U-235	0.1905	0.0617	0.1021	
0177-A	FS	NFS	Gamma	U-238	-2.496	-8.2	11.44	U
0177-B	FS	NFS	Gamma	Am-241	0.3037	0.3068	0.5155	U
0177-B	FS	NFS	Gamma	Th-232	0.7306	0.2264	0.3667	
0177-B	FS	NFS	Gamma	U-235	-0.0268	-0.0539	0.0839	U
0177-B	FS	NFS	Gamma	U-238	3.649	4.848	8.172	U
0177-C	FS	NFS	Gamma	Am-241	0.317	0.2826	0.4746	U
0177-C	FS	NFS	Gamma	Th-232	1.382	0.2826	0.4621	
0177-C	FS	NFS	Gamma	U-235	0.0657	0.0594	0.0999	U
0177-C	FS	NFS	Gamma	U-238	4.494	6.32	10.66	U
0177-D	FS	NFS	Gamma	Am-241	-0.199	-0.4253	0.7239	U
0177-D	FS	NFS	Gamma	Th-232	1.769	0.2668	0.4192	
0177-D	FS	NFS	Gamma	U-235	0.001	0.0605	0.0979	U
0177-D	FS	NFS	Gamma	U-238	1.997	5.666	9.612	U
0177-E	FS	NFS	Gamma	Am-241	0.4983	0.3293	0.5498	U
0177-E	FS	NFS	Gamma	Th-232	1.283	0.2266	0.3546	
0177-E	FS	NFS	Gamma	U-235	0.0163	0.0495	0.0838	U
0177-E	FS	NFS	Gamma	U-238	0.177	6.094	9.707	U
0178-A	FS	NFS	Gamma	Am-241	0.4654	0.2964	0.4956	U
0178-A	FS	NFS	Gamma	Th-232	1.403	0.2629	0.4196	
0178-A	FS	NFS	Gamma	U-235	0.1675	0.0599	0.0993	
0178-A	FS	NFS	Gamma	U-238	5.915	6.353	11.02	U
0178-B	FS	NFS	Gamma	Am-241	0.0979	0.348	0.5893	U
0178-B	FS	NFS	Gamma	Th-232	0.6577	0.2096	0.3415	
0178-B	FS	NFS	Gamma	U-235	0.0093	0.0473	0.0787	U
0178-B	FS	NFS	Gamma	U-238	6.654	4.479	7.424	U
0178-C	FS	NFS	Gamma	Am-241	0.032	0.2779	0.4707	U
0178-C	FS	NFS	Gamma	Th-232	1.413	0.2503	0.3995	
0178-C	FS	NFS	Gamma	U-235	-0.0049	-0.0543	0.0921	U
0178-C	FS	NFS	Gamma	U-238	2.501	6.071	10.28	U
0178-D	FS	NFS	Gamma	Am-241	0.0394	0.3883	0.6582	U
0178-D	FS	NFS	Gamma	Th-232	0.808	0.2905	0.4574	
0178-D	FS	NFS	Gamma	U-235	-0.0327	-0.0547	0.0926	U
0178-D	FS	NFS	Gamma	U-238	-3.552	-5.743	9.881	U
0178-E	FS	NFS	Gamma	Am-241	-0.4942	-0.2634	0.452	U
0178-E	FS	NFS	Gamma	Th-232	1.187	0.2459	0.3971	
0178-E	FS	NFS	Gamma	U-235	0.084	0.0517	0.0865	U
0178-E	FS	NFS	Gamma	U-238	6.96	5.272	8.696	U
0178-E-DUP	FD	NFS	Gamma	Am-241	0.1726	0.3689	0.6232	U
0178-E-DUP	FD	NFS	Gamma	Th-232	1.177	0.2374	0.3794	
0178-E-DUP	FD	NFS	Gamma	U-235	0.052	0.0496	0.0834	U
0178-E-DUP	FD	NFS	Gamma	U-238	7.135	4.653	7.707	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0178-F	FS	NFS	Gamma	Am-241	-0.0356	-0.2861	0.4853	U
0178-F	FS	NFS	Gamma	Th-232	1.373	0.2233	0.3485	
0178-F	FS	NFS	Gamma	U-235	0.0738	0.0494	0.0827	U
0178-F	FS	NFS	Gamma	U-238	-2.034	-5.753	9.846	U
0179-A	FS	NFS	Gamma	Am-241	-0.8631	-0.4202	0.7248	U
0179-A	FS	NFS	Gamma	Th-232	1.417	0.319	0.5134	
0179-A	FS	NFS	Gamma	U-235	0.3518	0.0794	0.1296	
0179-A	FS	NFS	Gamma	U-238	8.861	8.979	14.43	U
0179-B	FS	PARAGON	LSC	Tc-99	0.2	0.97	1.62	U
0179-B	FS	PARAGON	LSC	Pu-241	-0.3	2.5	4.3	U
0179-B	FS	PARAGON	Gamma	Am-241	-0.09	0.57	0.98	U
0179-B	FS	PARAGON	Gamma	Th-232	0.54	0.26	0.46	J
0179-B	FS	PARAGON	Gamma	U-235	-0.02	0.35	0.61	U
0179-B	FS	PARAGON	Alpha	Am-241	0.008	0.01	0.006	J
0179-B	FS	PARAGON	Alpha	Pu-238	-0.014	0.017	0.04	U
0179-B	FS	PARAGON	Alpha	Pu-239/240	0.002	0.015	0.03	U
0179-B	FS	PARAGON	Alpha	Pu-242	0.009	0.01	0.015	U
0179-B	FS	PARAGON	Alpha	Th-230	0.375	0.086	0.047	
0179-B	FS	PARAGON	Alpha	Th-232	0.48	0.1	0.02	
0179-B	FS	PARAGON	Alpha	U-233/234	0.94	0.21	0.08	
0179-B	FS	PARAGON	Alpha	U-235	0.025	0.029	0.045	U
0179-B	FS	PARAGON	Alpha	U-238	0.39	0.11	0.06	
0179-B	FS	NFS	Gamma	Am-241	-0.2716	-0.2492	0.4261	U
0179-B	FS	NFS	Gamma	Th-232	0.7997	0.2015	0.3238	
0179-B	FS	NFS	Gamma	U-235	-0.0604	-0.0478	0.0819	U
0179-B	FS	NFS	Gamma	U-238	-2.722	-18.95	8.886	U
0179-B	LR	PARAGON	Alpha	Am-241	0.004	0.02	0.037	U
0179-B	LR	PARAGON	Alpha	Pu-238	0.0037	0.0091	0.0136	U
0179-B	LR	PARAGON	Alpha	Pu-239/240	0.02	0.016	0.02	U
0179-B	LR	PARAGON	Alpha	U-233/234	0.95	0.21	0.04	
0179-B	LR	PARAGON	Alpha	U-235	0.041	0.034	0.033	
0179-B	LR	PARAGON	Alpha	U-238	0.47	0.12	0.03	
0179-B-DUP	FD	PARAGON	LSC	Pu-241	-0.3	2.8	4.7	U
0179-B-DUP	FD	PARAGON	Gamma	Am-241	0.23	0.47	0.8	U
0179-B-DUP	FD	PARAGON	Gamma	Th-232	0.58	0.41	0.56	J
0179-B-DUP	FD	PARAGON	Gamma	U-235	-0.19	0.27	0.54	U
0179-B-DUP	FD	PARAGON	Alpha	Am-241	0.013	0.012	0.016	U
0179-B-DUP	FD	PARAGON	Alpha	Pu-238	-0.004	0.018	0.027	U
0179-B-DUP	FD	PARAGON	Alpha	Pu-239/240	0.018	0.022	0.034	U
0179-B-DUP	FD	PARAGON	Alpha	Pu-242	0.0053	0.0089	0.0138	U
0179-B-DUP	FD	PARAGON	Alpha	Th-230	0.52	0.11	0.04	
0179-B-DUP	FD	PARAGON	Alpha	Th-232	0.54	0.11	0.01	
0179-B-DUP	FD	PARAGON	Alpha	U-233/234	1.05	0.23	0.04	
0179-B-DUP	FD	PARAGON	Alpha	U-235	0.061	0.042	0.034	
0179-B-DUP	FD	PARAGON	Alpha	U-238	0.49	0.13	0.03	
0179-B-DUP	LR	PARAGON	LSC	Pu-241	-2.2	2.4	4.2	U
0179-B-DUP	LR	PARAGON	Alpha	Pu-242	0.016	0.012	0.012	
0179-B-DUP	LR	PARAGON	Alpha	Th-230	0.436	0.092	0.041	R
0179-B-DUP	LR	PARAGON	Alpha	Th-232	0.51	0.1	0.02	
0179-C	FS	NFS	Gamma	Am-241	-0.6093	-0.3445	0.5924	U
0179-C	FS	NFS	Gamma	Th-232	1.531	0.2713	0.4293	
0179-C	FS	NFS	Gamma	U-235	0.0592	0.0821	0.1143	U
0179-C	FS	NFS	Gamma	U-238	4.86	6.613	11.15	U
0179-D	FS	NFS	Gamma	Am-241	-0.0318	-0.3037	0.515	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0179-D	FS	NFS	Gamma	Th-232	1.712	0.2752	0.4352	
0179-D	FS	NFS	Gamma	U-235	0.0091	0.0575	0.0964	U
0179-D	FS	NFS	Gamma	U-238	9.759	4.913	8.111	
0179-E	FS	NFS	Gamma	Am-241	-0.7901	-0.3571	0.6149	U
0179-E	FS	NFS	Gamma	Th-232	1.248	0.2618	0.412	
0179-E	FS	NFS	Gamma	U-235	0.1517	0.0648	0.1072	
0179-E	FS	NFS	Gamma	U-238	4.949	7.738	11.73	U
0179-F	FS	NFS	Gamma	Am-241	-0.1373	-0.2711	0.4613	U
0179-F	FS	NFS	Gamma	Th-232	1.024	0.2526	0.4095	
0179-F	FS	NFS	Gamma	U-235	0.0233	0.0537	0.0906	U
0179-F	FS	NFS	Gamma	U-238	-4.36	-5.454	9.396	U
0180-A	FS	NFS	Gamma	Am-241	-0.0499	-0.375	0.6373	U
0180-A	FS	NFS	Gamma	Th-232	1.8	0.28	0.4345	
0180-A	FS	NFS	Gamma	U-235	0.2095	0.0719	0.1173	
0180-A	FS	NFS	Gamma	U-238	-5.633	-7.806	13.4	U
0180-B	FS	NFS	Gamma	Am-241	0.051	0.3125	0.529	U
0180-B	FS	NFS	Gamma	Th-232	1.655	0.272	0.4303	
0180-B	FS	NFS	Gamma	U-235	0.0919	0.0578	0.0968	U
0180-B	FS	NFS	Gamma	U-238	-1.533	-6.555	10.01	U
0180-B-DUP	FD	NFS	Gamma	Am-241	-0.9318	-0.4389	0.7551	U
0180-B-DUP	FD	NFS	Gamma	Th-232	1.733	0.303	0.481	
0180-B-DUP	FD	NFS	Gamma	U-235	0.1587	0.071	0.1183	
0180-B-DUP	FD	NFS	Gamma	U-238	-16.49	-25.18	13.56	U
0180-C	FS	NFS	Gamma	Am-241	0.0639	0.3197	0.5409	U
0180-C	FS	NFS	Gamma	Th-232	2.457	0.2588	0.3837	
0180-C	FS	NFS	Gamma	U-235	0.1355	0.0611	0.1017	
0180-C	FS	NFS	Gamma	U-238	0.9117	6.365	10.81	U
0180-D	FS	NFS	Gamma	Am-241	-0.2051	-0.361	0.6158	U
0180-D	FS	NFS	Gamma	Th-232	1.744	0.2528	0.3895	
0180-D	FS	NFS	Gamma	U-235	0.1484	0.065	0.107	
0180-D	FS	NFS	Gamma	U-238	6.05	6.736	11.33	U
0180-E	FS	NFS	Gamma	Am-241	0.1064	0.279	0.4715	U
0180-E	FS	NFS	Gamma	Th-232	0.7731	0.2605	0.4341	
0180-E	FS	NFS	Gamma	U-235	0.0341	0.0489	0.0825	U
0180-E	FS	NFS	Gamma	U-238	-9.234	-5.875	10.19	U
0181-A	FS	PARAGON	LSC	Tc-99	1.8	1.1	1.8	
0181-A	FS	PARAGON	LSC	Pu-241	3.5	3.2	5.2	U
0181-A	FS	PARAGON	Gamma	Am-241	0.64	0.18	0.2	J
0181-A	FS	PARAGON	Gamma	Th-232	2.06	0.53	0.68	
0181-A	FS	PARAGON	Gamma	U-235	0.76	0.37	0.76	
0181-A	FS	PARAGON	Alpha	Am-241	0.64	0.17	0.07	
0181-A	FS	PARAGON	Alpha	Pu-238	0.115	0.066	0.056	
0181-A	FS	PARAGON	Alpha	Pu-239/240	2.24	0.44	0.02	J
0181-A	FS	PARAGON	Alpha	Pu-242	0.005	0.014	0.028	U
0181-A	FS	PARAGON	Alpha	Th-230	1.34	0.35	0.25	
0181-A	FS	PARAGON	Alpha	Th-232	1.71	0.39	0.07	
0181-A	FS	PARAGON	Alpha	U-233/234	32.2	5.6	0.2	
0181-A	FS	PARAGON	Alpha	U-235	1.1	0.4	0.15	
0181-A	FS	PARAGON	Alpha	U-238	4.1	0.93	0.19	
0181-A	FS	NFS	Gamma	Am-241	1.017	0.4482	0.7431	
0181-A	FS	NFS	Gamma	Th-232	2.759	0.3062	0.4696	
0181-A	FS	NFS	Gamma	U-235	1.242	0.0774	0.1124	
0181-A	FS	NFS	Gamma	U-238	4.588	5.762	9.708	U
0181-B	FS	NFS	Gamma	Am-241	0.0247	0.3815	0.647	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0181-B	FS	NFS	Gamma	Th-232	0.7484	0.2572	0.4161	
0181-B	FS	NFS	Gamma	U-235	0.4157	0.0541	0.085	
0181-B	FS	NFS	Gamma	U-238	-1.538	-5.968	10.21	U
0181-B-DUP	FD	NFS	Gamma	Am-241	0.1904	0.3626	0.6121	U
0181-B-DUP	FD	NFS	Gamma	Th-232	1.11	0.23	0.3653	
0181-B-DUP	FD	NFS	Gamma	U-235	0.2762	0.0544	0.0875	
0181-B-DUP	FD	NFS	Gamma	U-238	-2.627	-5.611	9.63	U
0181-C	FS	NFS	Gamma	Am-241	-0.4222	-0.4526	0.7722	U
0181-C	FS	NFS	Gamma	Th-232	2.726	0.2996	0.4492	
0181-C	FS	NFS	Gamma	U-235	0.1556	0.066	0.1097	
0181-C	FS	NFS	Gamma	U-238	6.65	6.247	10.48	U
0181-D	FS	NFS	Gamma	Am-241	-0.1997	-0.4361	0.7421	U
0181-D	FS	NFS	Gamma	Th-232	1.784	0.2692	0.4142	
0181-D	FS	NFS	Gamma	U-235	0.1774	0.0558	0.0906	
0181-D	FS	NFS	Gamma	U-238	-0.0523	-5.842	9.957	U
0181-E	FS	NFS	Gamma	Am-241	0.4197	0.3534	0.604	U
0181-E	FS	NFS	Gamma	Th-232	1.585	0.26	0.4092	
0181-E	FS	NFS	Gamma	U-235	0.0314	0.0545	0.0919	U
0181-E	FS	NFS	Gamma	U-238	2.952	5.34	8.6	U
0182-A	FS	NFS	Gamma	Am-241	0.138	0.4156	0.7029	U
0182-A	FS	NFS	Gamma	Th-232	1.638	0.2908	0.4615	
0182-A	FS	NFS	Gamma	U-235	0.4418	0.0775	0.1236	
0182-A	FS	NFS	Gamma	U-238	9.711	7.377	12.34	U
0182-B	FS	NFS	Gamma	Am-241	-0.5043	-0.393	0.6695	U
0182-B	FS	NFS	Gamma	Th-232	4.954	0.363	0.5377	
0182-B	FS	NFS	Gamma	U-235	0.2149	0.0731	0.1212	
0182-B	FS	NFS	Gamma	U-238	-2.123	-6.999	12.15	U
0182-C	FS	NFS	Gamma	Am-241	-0.5289	-0.4164	0.7119	U
0182-C	FS	NFS	Gamma	Th-232	3.149	0.2904	0.4338	
0182-C	FS	NFS	Gamma	U-235	0.2125	0.0707	0.1154	
0182-C	FS	NFS	Gamma	U-238	12.2	6.298	10.29	
0182-D	FS	NFS	Gamma	Am-241	-0.3768	-0.2984	0.5102	U
0182-D	FS	NFS	Gamma	Th-232	1.13	0.2591	0.4189	
0182-D	FS	NFS	Gamma	U-235	-0.0294	-0.0546	0.0929	U
0182-D	FS	NFS	Gamma	U-238	-2.821	-16.88	10.5	U
0182-E	FS	PARAGON	LSC	Tc-99	0.58	0.9	1.49	U
0182-E	FS	PARAGON	LSC	Pu-241	-0.1	2.4	4.1	U
0182-E	FS	PARAGON	Gamma	Am-241	-0.29	0.5	0.96	U
0182-E	FS	PARAGON	Gamma	Th-232	2.18	0.54	0.72	
0182-E	FS	PARAGON	Gamma	U-235	0.04	0.37	0.66	U
0182-E	FS	PARAGON	Alpha	Am-241	0.004	0.011	0.016	U
0182-E	FS	PARAGON	Alpha	Pu-238	0	0.01	0.006	U
0182-E	FS	PARAGON	Alpha	Pu-239/240	0.002	0.0099	0.0055	U
0182-E	FS	PARAGON	Alpha	Pu-242	0.0068	0.0084	0.0127	U
0182-E	FS	PARAGON	Alpha	Th-230	1.05	0.19	0.04	
0182-E	FS	PARAGON	Alpha	Th-232	1.81	0.32	0.02	
0182-E	FS	PARAGON	Alpha	U-233/234	4.19	0.73	0.04	
0182-E	FS	PARAGON	Alpha	U-235	0.165	0.068	0.038	
0182-E	FS	PARAGON	Alpha	U-238	1.07	0.23	0.04	
0182-E	FS	NFS	Gamma	Am-241	-0.8827	-0.4006	0.6879	U
0182-E	FS	NFS	Gamma	Th-232	2.445	0.2808	0.4334	
0182-E	FS	NFS	Gamma	U-235	0.2913	0.0688	0.1114	
0182-E	FS	NFS	Gamma	U-238	11.67	6.126	10.14	
0182-E	LR	PARAGON	Gamma	Am-241	0.22	0.58	1	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0182-E	LR	PARAGON	Gamma	Th-232	2	0.47	0.71	J
0182-E	LR	PARAGON	Gamma	U-235	0.26	0.38	0.64	U
0182-F	FS	NFS	Gamma	Am-241	-0.1498	-0.2921	0.4969	U
0182-F	FS	NFS	Gamma	Th-232	1.045	0.2974	0.4861	
0182-F	FS	NFS	Gamma	U-235	0.0158	0.0553	0.0936	U
0182-F	FS	NFS	Gamma	U-238	2.767	5.293	8.856	U
0183-A	FS	NFS	Gamma	Am-241	0.0689	0.4175	0.7069	U
0183-A	FS	NFS	Gamma	Th-232	1.591	0.2799	0.4461	
0183-A	FS	NFS	Gamma	U-235	0.5207	0.0588	0.092	
0183-A	FS	NFS	Gamma	U-238	9.901	4.882	8.26	
0183-B	FS	NFS	Gamma	Am-241	0.9062	0.3853	0.6364	
0183-B	FS	NFS	Gamma	Th-232	1.466	0.2472	0.3903	
0183-B	FS	NFS	Gamma	U-235	0.3983	0.0576	0.0915	
0183-B	FS	NFS	Gamma	U-238	0.776	5.869	11.01	U
0183-C	FS	NFS	Gamma	Am-241	0.1276	0.2991	0.5053	U
0183-C	FS	NFS	Gamma	Th-232	1.478	0.2681	0.4269	
0183-C	FS	NFS	Gamma	U-235	0.0982	0.055	0.0909	
0183-C	FS	NFS	Gamma	U-238	9.457	5.011	8.26	
0183-D	FS	NFS	Gamma	Am-241	0.3308	0.3873	0.6519	U
0183-D	FS	NFS	Gamma	Th-232	1.235	0.2407	0.3855	
0183-D	FS	NFS	Gamma	U-235	0.1044	0.0529	0.0884	
0183-D	FS	NFS	Gamma	U-238	-5.727	-5.596	9.657	U
0183-E	FS	NFS	Gamma	Am-241	-0.3581	-0.628	0.5777	U
0183-E	FS	NFS	Gamma	Th-232	0.9899	0.2275	0.3636	
0183-E	FS	NFS	Gamma	U-235	0.0809	0.0532	0.0873	U
0183-E	FS	NFS	Gamma	U-238	3.021	4.979	8.418	U
0184-A	FS	NFS	Gamma	Am-241	0.0937	0.2773	0.4687	U
0184-A	FS	NFS	Gamma	Th-232	1.036	0.2609	0.4244	
0184-A	FS	NFS	Gamma	U-235	0.6355	0.0575	0.0887	
0184-A	FS	NFS	Gamma	U-238	4.568	4.48	7.612	U
0184-B	FS	NFS	Gamma	Am-241	0.0128	0.3752	0.6362	U
0184-B	FS	NFS	Gamma	Th-232	1.352	0.2421	0.3848	
0184-B	FS	NFS	Gamma	U-235	0.479	0.0573	0.0891	
0184-B	FS	NFS	Gamma	U-238	5.474	4.621	7.732	U
0184-C	FS	PARAGON	LSC	Tc-99	0.1	1	1.7	U
0184-C	FS	NFS	Gamma	Am-241	-0.2239	-0.3011	0.5127	U
0184-C	FS	NFS	Gamma	Th-232	2.219	0.2781	0.4317	
0184-C	FS	NFS	Gamma	U-235	0.3601	0.0605	0.0978	
0184-C	FS	NFS	Gamma	U-238	2.184	7.343	9.35	U
0184-C-DUP	FD	NFS	Gamma	Am-241	-0.4568	-0.4224	0.7213	U
0184-C-DUP	FD	NFS	Gamma	Th-232	1.769	0.2637	0.4131	
0184-C-DUP	FD	NFS	Gamma	U-235	0.3733	0.061	0.0969	
0184-C-DUP	FD	NFS	Gamma	U-238	-5.299	-2.682	10.95	U
0184-D	FS	NFS	Gamma	Am-241	-0.3288	-0.2916	0.4978	U
0184-D	FS	NFS	Gamma	Th-232	2.118	0.2809	0.4398	
0184-D	FS	NFS	Gamma	U-235	0.064	0.0607	0.1019	U
0184-D	FS	NFS	Gamma	U-238	-4.429	-6.049	10.38	U
0184-E	FS	NFS	Gamma	Am-241	-0.3057	-0.362	0.6179	U
0184-E	FS	NFS	Gamma	Th-232	1.759	0.259	0.4019	
0184-E	FS	NFS	Gamma	U-235	0.0473	0.0653	0.1002	U
0184-E	FS	NFS	Gamma	U-238	-10.36	-5.793	10.11	U
0185-A	FS	NFS	Gamma	Am-241	8.729	0.6921	0.9276	
0185-A	FS	NFS	Gamma	Th-232	4.192	0.3141	0.4521	
0185-A	FS	NFS	Gamma	U-235	3.156	0.1039	0.1301	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0185-A	FS	NFS	Gamma	U-238	8.106	6.006	9.89	U
0185-B	FS	PARAGON	LSC	Tc-99	0.12	0.9	1.52	U
0185-B	FS	PARAGON	LSC	Pu-241	1.3	2.7	4.5	U
0185-B	FS	PARAGON	Gamma	Am-241	0.17	0.1	0.15	
0185-B	FS	PARAGON	Gamma	Th-232	0.6	0.27	0.42	J
0185-B	FS	PARAGON	Gamma	U-235	0.24	0.24	0.38	U
0185-B	FS	PARAGON	Alpha	Am-241	0.171	0.047	0.015	
0185-B	FS	PARAGON	Alpha	Pu-238	0.031	0.02	0.021	
0185-B	FS	PARAGON	Alpha	Pu-239/240	0.422	0.091	0.006	
0185-B	FS	PARAGON	Alpha	Pu-242	0.012	0.011	0.016	U
0185-B	FS	PARAGON	Alpha	Th-230	0.405	0.091	0.045	J
0185-B	FS	PARAGON	Alpha	Th-232	0.63	0.13	0.02	
0185-B	FS	PARAGON	Alpha	U-233/234	5.9	1	0	
0185-B	FS	PARAGON	Alpha	U-235	0.177	0.072	0.047	
0185-B	FS	PARAGON	Alpha	U-238	0.53	0.13	0.04	
0185-B	FS	NFS	Gamma	Am-241	0.4067	0.2392	0.3992	
0185-B	FS	NFS	Gamma	Th-232	0.3933	0.1884	0.3111	
0185-B	FS	NFS	Gamma	U-235	0.2181	0.0523	0.0856	
0185-B	FS	NFS	Gamma	U-238	10.42	5.201	8.603	
0185-B	LR	PARAGON	LSC	Tc-99	0	0.92	1.54	U
0185-C	FS	NFS	Gamma	Am-241	0.5992	0.322	0.535	
0185-C	FS	NFS	Gamma	Th-232	1.287	0.2559	0.4056	
0185-C	FS	NFS	Gamma	U-235	0.2591	0.0584	0.0953	
0185-C	FS	NFS	Gamma	U-238	0.4298	4.404	9.506	U
0185-C-DUP	FD	NFS	Gamma	Am-241	0.2389	0.2751	0.4629	U
0185-C-DUP	FD	NFS	Gamma	Th-232	1.241	0.2426	0.3879	
0185-C-DUP	FD	NFS	Gamma	U-235	0.1128	0.0534	0.0891	
0185-C-DUP	FD	NFS	Gamma	U-238	1.105	4.984	8.474	U
0185-D	FS	NFS	Gamma	Am-241	-0.3594	-0.384	0.6555	U
0185-D	FS	NFS	Gamma	Th-232	1.308	0.2307	0.3593	
0185-D	FS	NFS	Gamma	U-235	0.0987	0.0524	0.0874	
0185-D	FS	NFS	Gamma	U-238	10.85	4.43	7.09	
0185-E	FS	NFS	Gamma	Am-241	0.2794	0.2559	0.4299	U
0185-E	FS	NFS	Gamma	Th-232	1.09	0.2449	0.3934	
0185-E	FS	NFS	Gamma	U-235	0.04	0.0526	0.0884	U
0185-E	FS	NFS	Gamma	U-238	-2.475	-5.844	10.01	U
0186-A	FS	NFS	Gamma	Am-241	-0.2887	-0.3936	0.6724	U
0186-A	FS	NFS	Gamma	Th-232	1.161	0.2886	0.4677	
0186-A	FS	NFS	Gamma	U-235	0.3416	0.0706	0.115	
0186-A	FS	NFS	Gamma	U-238	0.6367	5.834	14.24	U
0186-A-DUP	FD	NFS	Gamma	Am-241	0.1368	0.3279	0.554	U
0186-A-DUP	FD	NFS	Gamma	Th-232	1.19	0.3191	0.5186	
0186-A-DUP	FD	NFS	Gamma	U-235	0.1872	0.0618	0.1022	
0186-A-DUP	FD	NFS	Gamma	U-238	0.2026	5.845	9.98	U
0186-B	FS	NFS	Gamma	Am-241	-0.17	-0.3436	0.5508	U
0186-B	FS	NFS	Gamma	Th-232	0.9575	0.2447	0.3882	
0186-B	FS	NFS	Gamma	U-235	0.0419	0.0667	0.1023	U
0186-B	FS	NFS	Gamma	U-238	1.229	6.627	11.25	U
0186-C	FS	NFS	Gamma	Am-241	0.0614	0.2648	0.5107	U
0186-C	FS	NFS	Gamma	Th-232	1.573	0.2599	0.4123	
0186-C	FS	NFS	Gamma	U-235	0.1646	0.0536	0.0886	
0186-C	FS	NFS	Gamma	U-238	-2.887	-2.858	9.882	U
0186-D	FS	NFS	Gamma	Am-241	0.5151	0.3688	0.6166	U
0186-D	FS	NFS	Gamma	Th-232	0.968	0.2726	0.4402	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0186-D	FS	NFS	Gamma	U-235	0.1269	0.0713	0.1189	
0186-D	FS	NFS	Gamma	U-238	-1.534	-21.72	9.714	U
0186-E	FS	NFS	Gamma	Am-241	-0.0488	-0.2677	0.4544	U
0186-E	FS	NFS	Gamma	Th-232	0.8106	0.2425	0.3993	
0186-E	FS	NFS	Gamma	U-235	0.0481	0.0527	0.0883	U
0186-E	FS	NFS	Gamma	U-238	1.289	5.345	8.118	U
0186-F	FS	NFS	Gamma	Am-241	-0.115	-0.3804	0.6475	U
0186-F	FS	NFS	Gamma	Th-232	0.8298	0.2631	0.4308	
0186-F	FS	NFS	Gamma	U-235	0.1162	0.0733	0.1192	U
0186-F	FS	NFS	Gamma	U-238	-3.942	-6.313	10.86	U
0187-A	FS	NFS	Gamma	Am-241	-0.491	-0.3342	0.5098	U
0187-A	FS	NFS	Gamma	Th-232	1.389	0.2365	0.3699	
0187-A	FS	NFS	Gamma	U-235	0.1406	0.0584	0.0971	
0187-A	FS	NFS	Gamma	U-238	-6.627	-5.908	10.23	U
0187-B	FS	PARAGON	LSC	Tc-99	-0.27	0.9	1.52	U
0187-B	FS	PARAGON	LSC	Pu-241	1	2.9	4.8	U
0187-B	FS	PARAGON	Gamma	Am-241	-0.41	0.55	1.07	U
0187-B	FS	PARAGON	Gamma	Th-232	0.82	0.36	0.48	J
0187-B	FS	PARAGON	Gamma	U-235	0.13	0.33	0.57	U
0187-B	FS	PARAGON	Alpha	Am-241	0.0114	0.0095	0.0052	
0187-B	FS	PARAGON	Alpha	Pu-238	0.007	0.011	0.006	J
0187-B	FS	PARAGON	Alpha	Pu-239/240	0	0.011	0.021	U
0187-B	FS	PARAGON	Alpha	Pu-242	0.0034	0.0099	0.0155	U
0187-B	FS	PARAGON	Alpha	Th-230	0.6	0.12	0.05	
0187-B	FS	PARAGON	Alpha	Th-232	0.85	0.16	0.01	
0187-B	FS	PARAGON	Alpha	U-233/234	1.22	0.25	0.04	
0187-B	FS	PARAGON	Alpha	U-235	0.04	0.033	0.032	
0187-B	FS	PARAGON	Alpha	U-238	0.79	0.18	0.04	
0187-B	FS	NFS	Gamma	Am-241	-0.3208	-0.3811	0.6506	U
0187-B	FS	NFS	Gamma	Th-232	1.121	0.2722	0.4321	
0187-B	FS	NFS	Gamma	U-235	0.1638	0.0682	0.1136	
0187-B	FS	NFS	Gamma	U-238	6.661	5.412	9.055	U
0187-C	FS	NFS	Gamma	Am-241	0.1914	0.2843	0.4792	U
0187-C	FS	NFS	Gamma	Th-232	1.197	0.2681	0.4333	
0187-C	FS	NFS	Gamma	U-235	0.0477	0.0563	0.0948	U
0187-C	FS	NFS	Gamma	U-238	-6.488	-5.705	9.861	U
0187-D	FS	NFS	Gamma	Am-241	0.237	0.3122	0.5818	U
0187-D	FS	NFS	Gamma	Th-232	1.531	0.2107	0.3242	
0187-D	FS	NFS	Gamma	U-235	0.1133	0.0671	0.1121	
0187-D	FS	NFS	Gamma	U-238	-2.004	-3.106	9.656	U
0187-E	FS	NFS	Gamma	Am-241	-0.2572	-0.3083	0.5253	U
0187-E	FS	NFS	Gamma	Th-232	1.25	0.2568	0.4127	
0187-E	FS	NFS	Gamma	U-235	0.0728	0.055	0.0921	U
0187-E	FS	NFS	Gamma	U-238	-0.3633	-5.139	8.77	U
0187-E-DUP	FD	NFS	Gamma	Am-241	0.2092	0.3652	0.6161	U
0187-E-DUP	FD	NFS	Gamma	Th-232	1.504	0.259	0.4112	
0187-E-DUP	FD	NFS	Gamma	U-235	0.0737	0.0714	0.12	U
0187-E-DUP	FD	NFS	Gamma	U-238	-4.732	-5.806	10	U
0187-F	FS	NFS	Gamma	Am-241	0.4134	0.259	0.4328	U
0187-F	FS	NFS	Gamma	Th-232	0.6351	0.2334	0.3867	
0187-F	FS	NFS	Gamma	U-235	0.0975	0.0497	0.0831	
0187-F	FS	NFS	Gamma	U-238	-0.9752	-4.907	8.396	U
0188-A	FS	NFS	Gamma	Am-241	0.6239	0.3503	0.583	
0188-A	FS	NFS	Gamma	Th-232	0.9917	0.2695	0.4372	

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0188-A	FS	NFS	Gamma	U-235	0.2143	0.0739	0.1202	
0188-A	FS	NFS	Gamma	U-238	1.176	5.172	8.799	U
0188-B	FS	NFS	Gamma	Am-241	-0.0442	-0.2463	0.4186	U
0188-B	FS	NFS	Gamma	Th-232	0.5438	0.1988	0.3267	
0188-B	FS	NFS	Gamma	U-235	0.0369	0.0472	0.0795	U
0188-B	FS	NFS	Gamma	U-238	0.3888	4.242	6.953	U
0188-C	FS	NFS	Gamma	Am-241	0.1331	0.3279	0.5544	U
0188-C	FS	NFS	Gamma	Th-232	0.9224	0.2164	0.348	
0188-C	FS	NFS	Gamma	U-235	0.0538	0.0656	0.1105	U
0188-C	FS	NFS	Gamma	U-238	0.7031	5.202	8.619	U
0188-D	FS	NFS	Gamma	Am-241	0.2256	0.2648	0.4457	U
0188-D	FS	NFS	Gamma	Th-232	1.242	0.2204	0.3483	
0188-D	FS	NFS	Gamma	U-235	0.1263	0.0514	0.0855	
0188-D	FS	NFS	Gamma	U-238	-0.7107	-5.078	8.67	U
0188-E	FS	NFS	Gamma	Am-241	-0.2834	-1.853	0.6076	U
0188-E	FS	NFS	Gamma	Th-232	0.5488	0.2825	0.4469	
0188-E	FS	NFS	Gamma	U-235	0.1656	0.0667	0.111	
0188-E	FS	NFS	Gamma	U-238	-1.573	-5.407	9.263	U
0188-F	FS	NFS	Gamma	Am-241	-0.0152	-0.2627	0.4456	U
0188-F	FS	NFS	Gamma	Th-232	1.091	0.1964	0.3095	
0188-F	FS	NFS	Gamma	U-235	0.0532	0.0476	0.0798	U
0188-F	FS	NFS	Gamma	U-238	-2.033	-4.519	7.758	U
0189-A	FS	PARAGON	LSC	Tc-99	0.48	0.97	1.61	U
0189-A	FS	PARAGON	LSC	Pu-241	-1.1	2.3	4	U
0189-A	FS	PARAGON	Gamma	Am-241	-0.3	1.1	1.9	U
0189-A	FS	PARAGON	Gamma	Th-232	0.88	0.29	0.49	J
0189-A	FS	PARAGON	Gamma	U-235	-0.21	0.39	0.69	U
0189-A	FS	PARAGON	Alpha	Am-241	0.071	0.025	0.005	
0189-A	FS	PARAGON	Alpha	Pu-238	0.0039	0.0095	0.0143	U
0189-A	FS	PARAGON	Alpha	Pu-239/240	0.164	0.044	0.014	
0189-A	FS	PARAGON	Alpha	Pu-242	0.007	0.0089	0.0144	U
0189-A	FS	PARAGON	Alpha	Th-230	0.98	0.18	0.05	
0189-A	FS	PARAGON	Alpha	Th-232	1.05	0.2	0.02	
0189-A	FS	PARAGON	Alpha	U-233/234	3.06	0.57	0.05	
0189-A	FS	PARAGON	Alpha	U-235	0.118	0.061	0.044	
0189-A	FS	PARAGON	Alpha	U-238	1.2	0.26	0.04	
0189-A	FS	NFS	Gamma	Am-241	0.2311	0.4833	0.8162	U
0189-A	FS	NFS	Gamma	Th-232	1.391	0.3692	0.5546	
0189-A	FS	NFS	Gamma	U-235	0.196	0.0861	0.1435	
0189-A	FS	NFS	Gamma	U-238	0.5113	7.941	12.04	U
0189-B	FS	NFS	Gamma	Am-241	-0.2389	-0.2595	0.4433	U
0189-B	FS	NFS	Gamma	Th-232	0.6683	0.1861	0.3004	
0189-B	FS	NFS	Gamma	U-235	-0.0124	-0.0482	0.0815	U
0189-B	FS	NFS	Gamma	U-238	-0.9333	-4.083	7.007	U
0189-C	FS	NFS	Gamma	Am-241	0.3232	0.3553	0.5974	U
0189-C	FS	NFS	Gamma	Th-232	0.8237	0.2276	0.3705	
0189-C	FS	NFS	Gamma	U-235	0.1434	0.0622	0.1036	
0189-C	FS	NFS	Gamma	U-238	-3.767	-7.399	9.355	U
0189-C-DUP	FD	NFS	Gamma	Am-241	-0.0534	-0.2559	0.4346	U
0189-C-DUP	FD	NFS	Gamma	Th-232	0.8126	0.2207	0.3629	
0189-C-DUP	FD	NFS	Gamma	U-235	0.041	0.0495	0.0834	U
0189-C-DUP	FD	NFS	Gamma	U-238	2.104	4.197	6.984	U
0189-D	FS	NFS	Gamma	Am-241	0.2405	0.3827	0.6455	U
0189-D	FS	NFS	Gamma	Th-232	1.086	0.2793	0.4537	

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0189-D	FS	NFS	Gamma	U-235	0.1464	0.0767	0.1267	
0189-D	FS	NFS	Gamma	U-238	8.189	6.087	10.17	U
0189-E	FS	NFS	Gamma	Am-241	-0.2783	-0.2877	0.4911	U
0189-E	FS	NFS	Gamma	Th-232	0.9601	0.2261	0.3676	
0189-E	FS	NFS	Gamma	U-235	0.1502	0.0581	0.0966	
0189-E	FS	NFS	Gamma	U-238	4.553	5.605	9.204	U
0189-F	FS	NFS	Gamma	Am-241	0.0962	0.2544	0.4301	U
0189-F	FS	NFS	Gamma	Th-232	0.5916	0.2226	0.3658	
0189-F	FS	NFS	Gamma	U-235	0.1205	0.0533	0.0887	
0189-F	FS	NFS	Gamma	U-238	-0.3829	-5.007	8.552	U
0190-A	FS	NFS	Gamma	Am-241	-0.0302	-0.3835	0.6511	U
0190-A	FS	NFS	Gamma	Th-232	0.9587	0.2492	0.3954	
0190-A	FS	NFS	Gamma	U-235	0.1761	0.0487	0.0794	
0190-A	FS	NFS	Gamma	U-238	6.332	4.977	8.316	U
0190-B	FS	NFS	Gamma	Am-241	0.0096	0.2252	0.3819	U
0190-B	FS	NFS	Gamma	Th-232	0.2347	0.2172	0.372	U
0190-B	FS	NFS	Gamma	U-235	-0.0763	-0.0479	0.0822	U
0190-B	FS	NFS	Gamma	U-238	-1.167	-5.084	8.268	U
0190-C	FS	NFS	Gamma	Am-241	-0.757	-0.435	0.745	U
0190-C	FS	NFS	Gamma	Th-232	1.368	0.2411	0.3756	
0190-C	FS	NFS	Gamma	U-235	0.0557	0.05	0.0822	U
0190-C	FS	NFS	Gamma	U-238	5.564	7.68	8.754	U
0190-D	FS	NFS	Gamma	Am-241	0.3672	0.2176	0.3629	
0190-D	FS	NFS	Gamma	Th-232	0.4687	0.2213	0.3667	
0190-D	FS	NFS	Gamma	U-235	-0.0141	-0.0467	0.0794	U
0190-D	FS	NFS	Gamma	U-238	-0.2791	-4.693	8.014	U
0190-E	FS	PARAGON	LSC	Tc-99	-0.11	0.93	1.57	U
0190-E	FS	PARAGON	LSC	Pu-241	0.8	4	6.8	U
0190-E	FS	PARAGON	Gamma	Am-241	-0.001	0.081	0.143	U
0190-E	FS	PARAGON	Gamma	Th-232	1.09	0.38	0.65	J
0190-E	FS	PARAGON	Gamma	U-235	-0.2	0.28	0.52	U
0190-E	FS	PARAGON	Alpha	Am-241	0.004	0.0099	0.0148	U
0190-E	FS	PARAGON	Alpha	Pu-238	0.002	0.011	0.006	U
0190-E	FS	PARAGON	Alpha	Pu-239/240	0	0.014	0.028	U
0190-E	FS	PARAGON	Alpha	Pu-242	0.012	0.012	0.008	J
0190-E	FS	PARAGON	Alpha	Th-230	0.59	0.13	0.06	J
0190-E	FS	PARAGON	Alpha	Th-232	0.89	0.18	0.01	
0190-E	FS	PARAGON	Alpha	U-233/234	0.74	0.17	0.06	
0190-E	FS	PARAGON	Alpha	U-235	0.038	0.032	0.039	U
0190-E	FS	PARAGON	Alpha	U-238	0.61	0.15	0.05	
0190-E	FS	NFS	Gamma	Am-241	0.6274	0.3594	0.5985	
0190-E	FS	NFS	Gamma	Th-232	1.37	0.2238	0.3507	
0190-E	FS	NFS	Gamma	U-235	-0.075	-0.0549	0.0941	U
0190-E	FS	NFS	Gamma	U-238	4.979	5.12	9.08	U
0190-F	FS	NFS	Gamma	Am-241	-0.1751	-0.242	0.4129	U
0190-F	FS	NFS	Gamma	Th-232	0.5595	0.2304	0.3802	
0190-F	FS	NFS	Gamma	U-235	0.003	0.0486	0.0824	U
0190-F	FS	NFS	Gamma	U-238	-3.264	-5.26	9.045	U
0191-A	FS	NFS	Gamma	Am-241	0.483	0.3086	0.5163	U
0191-A	FS	NFS	Gamma	Th-232	1.425	0.2917	0.4667	
0191-A	FS	NFS	Gamma	U-235	0.6158	0.0672	0.1059	
0191-A	FS	NFS	Gamma	U-238	5.685	6.096	9.802	U
0191-B	FS	NFS	Gamma	Am-241	-0.4014	-0.5429	0.4322	U
0191-B	FS	NFS	Gamma	Th-232	0.4584	0.2029	0.3343	

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0191-B	FS	NFS	Gamma	U-235	0.2545	0.0476	0.0766	
0191-B	FS	NFS	Gamma	U-238	-3.619	-7.653	8.788	U
0191-C	FS	NFS	Gamma	Am-241	-0.3637	-0.3036	0.5189	U
0191-C	FS	NFS	Gamma	Th-232	1.487	0.2663	0.4219	
0191-C	FS	NFS	Gamma	U-235	0.2163	0.0603	0.0994	
0191-C	FS	NFS	Gamma	U-238	-3.214	-6.202	10.64	U
0191-D	FS	NFS	Gamma	Am-241	0.2153	0.3446	0.581	U
0191-D	FS	NFS	Gamma	Th-232	3.053	0.3098	0.4663	
0191-D	FS	NFS	Gamma	U-235	0.1225	0.0689	0.1156	
0191-D	FS	NFS	Gamma	U-238	-4.233	-5.502	11.73	U
0191-E	FS	PARAGON	LSC	Tc-99	-0.58	0.97	1.65	U
0191-E	FS	PARAGON	LSC	Pu-241	0.2	2.6	4.3	U
0191-E	FS	PARAGON	Gamma	Am-241	-0.31	0.53	1.02	U
0191-E	FS	PARAGON	Gamma	Th-232	1.53	0.42	0.65	
0191-E	FS	PARAGON	Gamma	U-235	0.13	0.35	0.6	U
0191-E	FS	PARAGON	Alpha	Am-241	0.0053	0.0088	0.0131	U
0191-E	FS	PARAGON	Alpha	Pu-238	-0.007	0.011	0.026	U
0191-E	FS	PARAGON	Alpha	Pu-239/240	0.015	0.015	0.02	U
0191-E	FS	PARAGON	Alpha	Pu-242	0.024	0.016	0.016	
0191-E	FS	PARAGON	Alpha	Th-230	1	0.19	0.05	
0191-E	FS	PARAGON	Alpha	Th-232	1.47	0.27	0.01	
0191-E	FS	PARAGON	Alpha	U-233/234	1.39	0.29	0.04	
0191-E	FS	PARAGON	Alpha	U-235	0.066	0.045	0.037	
0191-E	FS	PARAGON	Alpha	U-238	0.9	0.21	0.03	
0191-E	FS	NFS	Gamma	Am-241	0.1725	0.3932	0.6643	U
0191-E	FS	NFS	Gamma	Th-232	1.758	0.2551	0.3985	
0191-E	FS	NFS	Gamma	U-235	0.0961	0.0615	0.1027	U
0191-E	FS	NFS	Gamma	U-238	-2.273	-5.293	9.084	U
0191-F	FS	NFS	Gamma	Am-241	-0.0149	-0.2876	0.4874	U
0191-F	FS	NFS	Gamma	Th-232	2.048	0.2578	0.3992	
0191-F	FS	NFS	Gamma	U-235	0.0528	0.0577	0.0972	U
0191-F	FS	NFS	Gamma	U-238	2.995	5.365	9.077	U
0192-A	FS	NFS	Gamma	Am-241	0.1664	0.4128	0.6976	U
0192-A	FS	NFS	Gamma	Th-232	1.669	0.2754	0.4324	
0192-A	FS	NFS	Gamma	U-235	0.3959	0.0649	0.1045	
0192-A	FS	NFS	Gamma	U-238	-5.845	-5.399	9.374	U
0192-A-DUP	FD	NFS	Gamma	Am-241	0.8656	0.281	0.4633	
0192-A-DUP	FD	NFS	Gamma	Th-232	1.355	0.2421	0.3831	
0192-A-DUP	FD	NFS	Gamma	U-235	0.3287	0.0574	0.093	
0192-A-DUP	FD	NFS	Gamma	U-238	10.41	4.901	7.931	
0192-B	FS	NFS	Gamma	Am-241	0.3836	0.3738	0.6278	U
0192-B	FS	NFS	Gamma	Th-232	1.028	0.2122	0.3376	
0192-B	FS	NFS	Gamma	U-235	0.8794	0.0633	0.0938	
0192-B	FS	NFS	Gamma	U-238	1.279	4.388	7.467	U
0192-C	FS	NFS	Gamma	Am-241	0.0687	0.3232	0.5468	U
0192-C	FS	NFS	Gamma	Th-232	1.715	0.3184	0.5106	
0192-C	FS	NFS	Gamma	U-235	0.2873	0.062	0.1014	
0192-C	FS	NFS	Gamma	U-238	1.61	14.37	11.08	U
0192-D	FS	PARAGON	LSC	Tc-99	-0.31	0.92	1.57	UJ
0192-D	FS	PARAGON	LSC	Pu-241	-0.7	2.6	4.5	U
0192-D	FS	PARAGON	Gamma	Am-241	-0.34	0.56	1.07	U
0192-D	FS	PARAGON	Gamma	Th-232	1.15	0.41	0.59	J
0192-D	FS	PARAGON	Gamma	U-235	0.08	0.36	0.64	U
0192-D	FS	PARAGON	Alpha	Am-241	0.014	0.018	0.028	U

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0192-D	FS	PARAGON	Alpha	Pu-238	0.006	0.011	0.02	U
0192-D	FS	PARAGON	Alpha	Pu-239/240	0.011	0.013	0.02	U
0192-D	FS	PARAGON	Alpha	Pu-242	0.031	0.019	0.021	
0192-D	FS	PARAGON	Alpha	Th-230	0.89	0.17	0.04	
0192-D	FS	PARAGON	Alpha	Th-232	1.28	0.23	0.01	
0192-D	FS	PARAGON	Alpha	U-233/234	1.18	0.25	0.05	
0192-D	FS	PARAGON	Alpha	U-235	0.034	0.035	0.05	U
0192-D	FS	PARAGON	Alpha	U-238	0.86	0.2	0.05	
0192-D	FS	NFS	Gamma	Am-241	0.9067	0.4068	0.6737	
0192-D	FS	NFS	Gamma	Th-232	2.066	0.2783	0.4329	
0192-D	FS	NFS	Gamma	U-235	0.0813	0.0647	0.1086	U
0192-D	FS	NFS	Gamma	U-238	-0.5349	-6.114	8.639	U
0192-E	FS	NFS	Gamma	Am-241	0.3277	0.2754	0.4623	U
0192-E	FS	NFS	Gamma	Th-232	1.509	0.2467	0.3887	
0192-E	FS	NFS	Gamma	U-235	0.1341	0.0537	0.0889	
0192-E	FS	NFS	Gamma	U-238	2.333	5.428	8.799	U
0192-F	FS	NFS	Gamma	Am-241	0.4719	0.3569	0.5971	U
0192-F	FS	NFS	Gamma	Th-232	0.8524	0.2502	0.4091	
0192-F	FS	NFS	Gamma	U-235	0.0524	0.0583	0.0969	U
0192-F	FS	NFS	Gamma	U-238	0.3883	4.406	7.523	U
0193-A	FS	PARAGON	LSC	Tc-99	3.1	1.2	1.7	
0193-A	FS	PARAGON	LSC	Pu-241	14.6	8.7	13.1	
0193-A	FS	PARAGON	Gamma	Am-241	2.9	1.1	1.5	
0193-A	FS	PARAGON	Gamma	Th-232	2.39	0.58	0.74	
0193-A	FS	PARAGON	Gamma	U-235	1.85	0.56	0.89	
0193-A	FS	PARAGON	Alpha	Am-241	2.53	0.45	0.04	
0193-A	FS	PARAGON	Alpha	Pu-238	0.54	0.12	0.03	
0193-A	FS	PARAGON	Alpha	Pu-239/240	7.6	1.2	0	
0193-A	FS	PARAGON	Alpha	Pu-242	0.23	0.089	0.047	R
0193-A	FS	PARAGON	Alpha	Th-230	1.54	0.32	0.13	
0193-A	FS	PARAGON	Alpha	Th-232	2.58	0.48	0.06	
0193-A	FS	PARAGON	Alpha	U-233/234	57.5	9.4	0.1	
0193-A	FS	PARAGON	Alpha	U-235	2.17	0.47	0.06	
0193-A	FS	PARAGON	Alpha	U-238	2.64	0.54	0.08	
0193-A	FS	NFS	Gamma	Am-241	2.734	0.4168	0.666	
0193-A	FS	NFS	Gamma	Th-232	3.309	0.3269	0.4916	
0193-A	FS	NFS	Gamma	U-235	2.212	0.0868	0.1204	
0193-A	FS	NFS	Gamma	U-238	-1.397	-4.569	12.08	U
0193-B	FS	NFS	Gamma	Am-241	0.4063	0.3967	0.6664	U
0193-B	FS	NFS	Gamma	Th-232	2.071	0.2606	0.3984	
0193-B	FS	NFS	Gamma	U-235	0.2585	0.0647	0.1032	
0193-B	FS	NFS	Gamma	U-238	2.442	5.946	10.79	U
0193-C	FS	NFS	Gamma	Am-241	0.1276	0.3044	0.5142	U
0193-C	FS	NFS	Gamma	Th-232	1.849	0.2562	0.3986	
0193-C	FS	NFS	Gamma	U-235	0.0814	0.0576	0.0966	U
0193-C	FS	NFS	Gamma	U-238	2.591	5.711	9.668	U
0193-D	FS	NFS	Gamma	Am-241	-0.3952	-0.4035	0.6894	U
0193-D	FS	NFS	Gamma	Th-232	1.415	0.2207	0.344	
0193-D	FS	NFS	Gamma	U-235	0.0973	0.0572	0.0905	
0193-D	FS	NFS	Gamma	U-238	3.657	5.58	9.335	U
0193-E	FS	NFS	Gamma	Am-241	0.6231	0.2801	0.4564	
0193-E	FS	NFS	Gamma	Th-232	0.6712	0.2954	0.4928	
0193-E	FS	NFS	Gamma	U-235	0.0748	0.0571	0.0952	U
0193-E	FS	NFS	Gamma	U-238	6.654	5.554	9.251	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0193-E-DUP	FD	NFS	Gamma	Am-241	-0.2729	-0.3619	0.6185	U
0193-E-DUP	FD	NFS	Gamma	Th-232	0.4998	0.2288	0.3765	
0193-E-DUP	FD	NFS	Gamma	U-235	0.0793	0.0541	0.0866	U
0193-E-DUP	FD	NFS	Gamma	U-238	2.77	5.523	9.351	U
0194-A	FS	NFS	Gamma	Am-241	-0.9066	-0.5707	0.9777	U
0194-A	FS	NFS	Gamma	Th-232	2.366	0.3365	0.5199	
0194-A	FS	NFS	Gamma	U-235	0.2452	0.0693	0.1136	
0194-A	FS	NFS	Gamma	U-238	-1.171	-9.039	15.43	U
0194-B	FS	NFS	Gamma	Am-241	1.868	0.3094	0.496	
0194-B	FS	NFS	Gamma	Th-232	1.61	0.2219	0.3414	
0194-B	FS	NFS	Gamma	U-235	0.424	0.0572	0.0913	
0194-B	FS	NFS	Gamma	U-238	16.04	5.097	8.281	
0194-B-DUP	FD	NFS	Gamma	Am-241	2.557	0.4332	0.6766	
0194-B-DUP	FD	NFS	Gamma	Th-232	1.55	0.2477	0.388	
0194-B-DUP	FD	NFS	Gamma	U-235	0.46	0.0605	0.096	
0194-B-DUP	FD	NFS	Gamma	U-238	-4.762	-3.257	9.783	U
0194-C	FS	NFS	Gamma	Am-241	1.409	0.3126	0.5127	
0194-C	FS	NFS	Gamma	Th-232	1.39	0.264	0.4205	
0194-C	FS	NFS	Gamma	U-235	0.2279	0.0565	0.0923	
0194-C	FS	NFS	Gamma	U-238	3.288	5.371	11.9	U
0194-D	FS	NFS	Gamma	Am-241	2.436	0.184	1.559	
0194-D	FS	NFS	Gamma	Th-232	2.495	0.426	0.6572	
0194-D	FS	NFS	Gamma	U-235	0.3915	0.1959	0.2888	
0194-D	FS	NFS	Gamma	U-238	-4.143	-8.823	15.04	U
0194-E	FS	PARAGON	LSC	Tc-99	-0.41	0.95	1.62	U
0194-E	FS	PARAGON	LSC	Pu-241	-1.2	3.3	5.6	U
0194-E	FS	PARAGON	Gamma	Am-241	0.163	0.095	0.142	
0194-E	FS	PARAGON	Gamma	Th-232	1.29	0.36	0.61	
0194-E	FS	PARAGON	Gamma	U-235	0.09	0.25	0.5	U
0194-E	FS	PARAGON	Alpha	Am-241	0.139	0.044	0.029	
0194-E	FS	PARAGON	Alpha	Pu-238	0.009	0.012	0.006	J
0194-E	FS	PARAGON	Alpha	Pu-239/240	0.107	0.037	0.022	
0194-E	FS	PARAGON	Alpha	Pu-242	0.021	0.018	0.024	U
0194-E	FS	PARAGON	Alpha	Th-230	0.64	0.14	0.05	J
0194-E	FS	PARAGON	Alpha	Th-232	1.15	0.23	0.02	
0194-E	FS	PARAGON	Alpha	U-233/234	1.87	0.36	0.03	
0194-E	FS	PARAGON	Alpha	U-235	0.03	0.029	0.035	U
0194-E	FS	PARAGON	Alpha	U-238	0.66	0.16	0.03	
0194-E	FS	NFS	Gamma	Am-241	0.5395	0.2886	0.4815	
0194-E	FS	NFS	Gamma	Th-232	1.495	0.2378	0.3736	
0194-E	FS	NFS	Gamma	U-235	0.0747	0.0556	0.0933	U
0194-E	FS	NFS	Gamma	U-238	3.853	1.989	11.4	U
0195-A	FS	NFS	Gamma	Am-241	9.425	0.8216	1.132	
0195-A	FS	NFS	Gamma	Th-232	5.556	0.4106	0.5908	
0195-A	FS	NFS	Gamma	U-235	3.269	0.1123	0.1434	
0195-A	FS	NFS	Gamma	U-238	19.91	7.523	12.3	
0195-B	FS	NFS	Gamma	Am-241	0.1752	0.2481	0.4181	U
0195-B	FS	NFS	Gamma	Th-232	0.382	0.1988	0.3292	
0195-B	FS	NFS	Gamma	U-235	0.2093	0.0476	0.0774	
0195-B	FS	NFS	Gamma	U-238	-2.68	-6.975	8.241	U
0195-C	FS	NFS	Gamma	Am-241	1.129	0.3696	0.6036	
0195-C	FS	NFS	Gamma	Th-232	1.816	0.2764	0.435	
0195-C	FS	NFS	Gamma	U-235	0.344	0.0628	0.0985	
0195-C	FS	NFS	Gamma	U-238	12.03	4.906	8.017	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0195-D	FS	NFS	Gamma	Am-241	0.0568	0.2825	0.478	U
0195-D	FS	NFS	Gamma	Th-232	1.226	0.2391	0.382	
0195-D	FS	NFS	Gamma	U-235	0.1328	0.0544	0.0895	
0195-D	FS	NFS	Gamma	U-238	2.032	4.886	8.281	U
0195-E	FS	NFS	Gamma	Am-241	0.0722	0.27	0.4566	U
0195-E	FS	NFS	Gamma	Th-232	0.9916	0.2317	0.375	
0195-E	FS	NFS	Gamma	U-235	0.1622	0.0525	0.0868	
0195-E	FS	NFS	Gamma	U-238	0.9131	4.308	7.331	U
0195-F	FS	NFS	Gamma	Am-241	0.1491	7.104	0.6105	U
0195-F	FS	NFS	Gamma	Th-232	0.3703	0.2559	0.428	U
0195-F	FS	NFS	Gamma	U-235	0.0702	0.0513	0.0812	U
0195-F	FS	NFS	Gamma	U-238	13.56	5.281	8.685	
0195-F-DUP	FD	NFS	Gamma	Am-241	0.0734	0.2475	0.4188	U
0195-F-DUP	FD	NFS	Gamma	Th-232	0.7678	0.2058	0.3324	
0195-F-DUP	FD	NFS	Gamma	U-235	0.0166	0.052	0.0879	U
0195-F-DUP	FD	NFS	Gamma	U-238	-9.343	-5.59	9.728	U
0196-A	FS	NFS	Gamma	Am-241	0.0247	0.4164	0.7062	U
0196-A	FS	NFS	Gamma	Th-232	0.5556	0.3286	0.5413	
0196-A	FS	NFS	Gamma	U-235	0.1759	0.0568	0.0937	
0196-A	FS	NFS	Gamma	U-238	3.899	6.928	11.71	U
0196-B	FS	NFS	Gamma	Am-241	-0.1304	-0.2455	0.4181	U
0196-B	FS	NFS	Gamma	Th-232	0.4551	0.2173	0.3596	
0196-B	FS	NFS	Gamma	U-235	-0.0171	-0.0513	0.0871	U
0196-B	FS	NFS	Gamma	U-238	3.079	3.731	6.283	U
0196-C	FS	NFS	Gamma	Am-241	-0.5733	-0.3948	0.6762	U
0196-C	FS	NFS	Gamma	Th-232	1.453	0.2724	0.4297	
0196-C	FS	NFS	Gamma	U-235	0.1617	0.057	0.0927	
0196-C	FS	NFS	Gamma	U-238	11.35	5.921	9.815	
0196-D	FS	PARAGON	LSC	Tc-99	0.9	1.3	2.2	U
0196-D	FS	PARAGON	LSC	Pu-241	0.2	2.8	4.8	U
0196-D	FS	PARAGON	Gamma	Am-241	0.3	0.66	1.12	U
0196-D	FS	PARAGON	Gamma	Th-232	1.01	0.4	0.59	J
0196-D	FS	PARAGON	Gamma	U-235	0.12	0.33	0.57	U
0196-D	FS	PARAGON	Alpha	Am-241	0.01	0.011	0.015	U
0196-D	FS	PARAGON	Alpha	Pu-238	0.007	0.011	0.016	U
0196-D	FS	PARAGON	Alpha	Pu-239/240	0.022	0.014	0.006	U
0196-D	FS	PARAGON	Alpha	Pu-242	0.0018	0.0093	0.0179	U
0196-D	FS	PARAGON	Alpha	Th-230	0.85	0.17	0.05	
0196-D	FS	PARAGON	Alpha	Th-232	1.18	0.22	0.03	
0196-D	FS	PARAGON	Alpha	U-233/234	1.37	0.28	0.06	
0196-D	FS	PARAGON	Alpha	U-235	0.037	0.033	0.035	
0196-D	FS	PARAGON	Alpha	U-238	0.93	0.21	0.05	
0196-D	FS	NFS	Gamma	Am-241	0.1593	0.2944	0.4969	U
0196-D	FS	NFS	Gamma	Th-232	1.436	0.249	0.3923	
0196-D	FS	NFS	Gamma	U-235	0.1191	0.0572	0.0955	
0196-D	FS	NFS	Gamma	U-238	-9.433	-6.059	10.54	U
0196-D	LR	PARAGON	LSC	Tc-99	0.96	0.9	1.45	U
0196-D	LR	PARAGON	Gamma	Am-241	-0.09	0.56	1.03	U
0196-D	LR	PARAGON	Gamma	Th-232	1.12	0.36	0.51	
0196-D	LR	PARAGON	Gamma	U-235	0.07	0.33	0.58	U
0196-D-DUP	FD	PARAGON	LSC	Tc-99	-0.39	0.99	1.68	U
0196-E	FS	NFS	Gamma	Am-241	0.3221	0.3831	0.6447	U
0196-E	FS	NFS	Gamma	Th-232	2.173	0.2255	0.3311	
0196-E	FS	NFS	Gamma	U-235	0.0057	0.0677	0.0968	U

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					Analytical Result	Error (2-sigma)	MDC	
0196-E	FS	NFS	Gamma	U-238	7.801	6.292	10.54	U
0196-F	FS	NFS	Gamma	Am-241	-0.1305	-0.2662	0.4533	U
0196-F	FS	NFS	Gamma	Th-232	0.8304	0.2076	0.3332	
0196-F	FS	NFS	Gamma	U-235	0.082	0.0514	0.086	U
0196-F	FS	NFS	Gamma	U-238	-5.189	-9.893	9.054	U
0197-A	FS	PARAGON	LSC	Tc-99	0.3	1	1.7	U
0197-A	FS	PARAGON	LSC	Pu-241	0.4	2.6	4.4	U
0197-A	FS	PARAGON	Gamma	Am-241	0.5	1	1.7	U
0197-A	FS	PARAGON	Gamma	Th-232	1.33	0.35	0.58	J
0197-A	FS	PARAGON	Gamma	U-235	0.2	0.36	0.59	U
0197-A	FS	PARAGON	Alpha	Am-241	0.065	0.026	0.006	
0197-A	FS	PARAGON	Alpha	Pu-238	0.01	0.0099	0.0054	J
0197-A	FS	PARAGON	Alpha	Pu-239/240	0.146	0.042	0.015	
0197-A	FS	PARAGON	Alpha	Pu-242	0.015	0.013	0.017	U
0197-A	FS	PARAGON	Alpha	Th-230	1.21	0.23	0.05	
0197-A	FS	PARAGON	Alpha	Th-232	1.48	0.27	0.03	
0197-A	FS	PARAGON	Alpha	U-233/234	4.03	0.71	0.04	
0197-A	FS	PARAGON	Alpha	U-235	0.098	0.051	0.017	
0197-A	FS	PARAGON	Alpha	U-238	1.26	0.26	0.05	
0197-A	FS	NFS	Gamma	Am-241	0.1249	0.4201	0.7109	U
0197-A	FS	NFS	Gamma	Th-232	1.917	0.2629	0.402	
0197-A	FS	NFS	Gamma	U-235	0.2566	0.0671	0.1061	
0197-A	FS	NFS	Gamma	U-238	17.76	6.797	11.13	
0197-B	FS	NFS	Gamma	Am-241	0.2288	0.2512	0.4226	U
0197-B	FS	NFS	Gamma	Th-232	0.5955	0.1783	0.2876	
0197-B	FS	NFS	Gamma	U-235	0.0889	0.0481	0.0802	
0197-B	FS	NFS	Gamma	U-238	-0.8737	-4.577	7.842	U
0197-C	FS	NFS	Gamma	Am-241	-0.6179	-0.302	0.5217	U
0197-C	FS	NFS	Gamma	Th-232	0.9868	0.2209	0.3503	
0197-C	FS	NFS	Gamma	U-235	0.1517	0.0528	0.0873	
0197-C	FS	NFS	Gamma	U-238	-7.175	-8.554	10.43	U
0197-D	FS	NFS	Gamma	Am-241	0.0632	0.2758	0.4667	U
0197-D	FS	NFS	Gamma	Th-232	0.8608	0.2196	0.3542	
0197-D	FS	NFS	Gamma	U-235	-0.0319	-0.0544	0.0928	U
0197-D	FS	NFS	Gamma	U-238	-15.82	-6.688	11.67	U
0197-D-DUP	FD	NFS	Gamma	Am-241	-0.2857	-0.3202	0.5484	U
0197-D-DUP	FD	NFS	Gamma	Th-232	1.384	0.1887	0.2819	
0197-D-DUP	FD	NFS	Gamma	U-235	0.0745	0.059	0.0911	U
0197-D-DUP	FD	NFS	Gamma	U-238	-0.3456	-5.373	9.174	U
0197-E	FS	NFS	Gamma	Am-241	0.1204	0.2754	0.4651	U
0197-E	FS	NFS	Gamma	Th-232	1.073	0.2114	0.3365	
0197-E	FS	NFS	Gamma	U-235	0.0838	0.0546	0.0915	U
0197-E	FS	NFS	Gamma	U-238	-1.597	-5.429	9.292	U
0197-F	FS	NFS	Gamma	Am-241	0.3116	0.281	0.4712	U
0197-F	FS	NFS	Gamma	Th-232	0.8603	0.2286	0.3699	
0197-F	FS	NFS	Gamma	U-235	0.1563	0.0589	0.0944	
0197-F	FS	NFS	Gamma	U-238	-1.128	-5.834	9.977	U
0198-A	FS	NFS	Gamma	Am-241	0.4383	0.2696	0.4506	U
0198-A	FS	NFS	Gamma	Th-232	0.0916	0.2198	0.3764	U
0198-A	FS	NFS	Gamma	U-235	0.1086	0.0538	0.0897	
0198-A	FS	NFS	Gamma	U-238	-2.673	-5.471	9.109	U
0198-B	FS	NFS	Gamma	Am-241	0.1227	0.2428	0.4106	U
0198-B	FS	NFS	Gamma	Th-232	0.5481	0.1815	0.2916	
0198-B	FS	NFS	Gamma	U-235	0.1311	0.048	0.0793	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0198-B	FS	NFS	Gamma	U-238	-3.327	-5.068	8.736	U
0198-C	FS	NFS	Gamma	Am-241	0.5178	0.2764	0.4608	
0198-C	FS	NFS	Gamma	Th-232	0.8103	0.228	0.3701	
0198-C	FS	NFS	Gamma	U-235	0.0779	0.0518	0.0866	U
0198-C	FS	NFS	Gamma	U-238	-1.133	-4.856	8.32	U
0198-D	FS	NFS	Gamma	Am-241	-0.007	-0.2809	0.4778	U
0198-D	FS	NFS	Gamma	Th-232	0.6196	0.2226	0.3526	
0198-D	FS	NFS	Gamma	U-235	0.0541	0.0564	0.0918	U
0198-D	FS	NFS	Gamma	U-238	5.4	5.074	7.877	U
0198-E	FS	NFS	Gamma	Am-241	0.2472	0.2674	0.4499	U
0198-E	FS	NFS	Gamma	Th-232	1.087	0.2495	0.4024	
0198-E	FS	NFS	Gamma	U-235	-0.0522	-0.0568	0.0967	U
0198-E	FS	NFS	Gamma	U-238	-5.654	-5.822	10.04	U
0198-F	FS	NFS	Gamma	Am-241	-0.3646	-0.3245	0.5569	U
0198-F	FS	NFS	Gamma	Th-232	0.6749	0.2072	0.3365	
0198-F	FS	NFS	Gamma	U-235	0.0678	0.0462	0.077	U
0198-F	FS	NFS	Gamma	U-238	1.766	5.717	8.703	U
0199-A	FS	NFS	Gamma	Am-241	-0.2553	-0.2937	0.501	U
0199-A	FS	NFS	Gamma	Th-232	0.775	0.2142	0.3448	
0199-A	FS	NFS	Gamma	U-235	0.1966	0.059	0.0978	
0199-A	FS	NFS	Gamma	U-238	-7.179	-19.13	9.824	U
0199-A-DUP	FD	NFS	Gamma	Am-241	0.1969	0.3745	0.6324	U
0199-A-DUP	FD	NFS	Gamma	Th-232	0.9276	0.2632	0.4256	
0199-A-DUP	FD	NFS	Gamma	U-235	0.1448	0.0602	0.0998	
0199-A-DUP	FD	NFS	Gamma	U-238	3.563	6.213	10.51	U
0199-B	FS	NFS	Gamma	Am-241	0.3121	0.2521	0.4229	U
0199-B	FS	NFS	Gamma	Th-232	0.683	0.1933	0.3116	
0199-B	FS	NFS	Gamma	U-235	0.06921	0.0522	0.0878	U
0199-B	FS	NFS	Gamma	U-238	-4.161	-4.93	8.535	U
0199-C	FS	PARAGON	LSC	Tc-99	-0.66	0.88	1.5	U
0199-C	FS	PARAGON	LSC	Pu-241	0.5	2.4	4	U
0199-C	FS	PARAGON	Gamma	Am-241	-0.2	0.38	0.74	U
0199-C	FS	PARAGON	Gamma	Th-232	0.32	0.38	0.61	U
0199-C	FS	PARAGON	Gamma	U-235	-0.31	0.29	0.56	U
0199-C	FS	PARAGON	Alpha	Am-241	0.014	0.01	0.005	
0199-C	FS	PARAGON	Alpha	Pu-238	-0.0019	0.0099	0.0225	U
0199-C	FS	PARAGON	Alpha	Pu-239/240	0.019	0.014	0.017	U
0199-C	FS	PARAGON	Alpha	Pu-242	0.0015	0.0077	0.0149	U
0199-C	FS	PARAGON	Alpha	Th-230	0.62	0.12	0.04	
0199-C	FS	PARAGON	Alpha	Th-232	0.66	0.13	0.02	
0199-C	FS	PARAGON	Alpha	U-233/234	0.95	0.21	0.04	
0199-C	FS	PARAGON	Alpha	U-235	0.022	0.027	0.043	U
0199-C	FS	PARAGON	Alpha	U-238	0.55	0.14	0.03	
0199-C	FS	NFS	Gamma	Am-241	0.0198	0.3344	0.5672	U
0199-C	FS	NFS	Gamma	Th-232	1.211	0.2	0.3108	
0199-C	FS	NFS	Gamma	U-235	0.0079	0.0609	0.0856	U
0199-C	FS	NFS	Gamma	U-238	1.999	5.669	9.273	U
0199-C	LR	PARAGON	LSC	Pu-241	1	2.5	4.2	U
0199-C	LR	PARAGON	Alpha	Am-241	0.009	0.014	0.023	U
0199-C	LR	PARAGON	Alpha	Pu-238	0.0075	0.0092	0.0138	U
0199-C	LR	PARAGON	Alpha	Pu-239/240	0.022	0.013	0.005	U
0199-C	LR	PARAGON	Alpha	Pu-242	0.01	0.01	0.016	U
0199-C	LR	PARAGON	Alpha	Th-230	0.63	0.12	0.04	
0199-C	LR	PARAGON	Alpha	Th-232	0.64	0.12	0.02	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0199-C	LR	PARAGON	Alpha	U-233/234	0.94	0.2	0.04	
0199-C	LR	PARAGON	Alpha	U-235	0.034	0.03	0.032	
0199-C	LR	PARAGON	Alpha	U-238	0.49	0.13	0.03	
0199-D	FS	NFS	Gamma	Am-241	-0.1576	-0.2865	0.4874	U
0199-D	FS	NFS	Gamma	Th-232	1.412	0.2129	0.3302	
0199-D	FS	NFS	Gamma	U-235	0.0585	0.0543	0.0908	U
0199-D	FS	NFS	Gamma	U-238	3.664	4.535	7.64	U
0199-E	FS	NFS	Gamma	Am-241	-0.2101	-0.3333	0.5688	U
0199-E	FS	NFS	Gamma	Th-232	0.7467	0.2599	0.4281	
0199-E	FS	NFS	Gamma	U-235	0.0502	0.0523	0.0879	U
0199-E	FS	NFS	Gamma	U-238	0.9375	5.548	9.165	U
0199-F	FS	NFS	Gamma	Am-241	0.535	0.2576	0.4282	
0199-F	FS	NFS	Gamma	Th-232	0.2542	0.248	0.4166	U
0199-F	FS	NFS	Gamma	U-235	0.1362	0.0545	0.0904	
0199-F	FS	NFS	Gamma	U-238	-0.6711	-5.432	9.288	U
0199-F-DUP	FD	NFS	Gamma	Am-241	-0.0465	-0.359	0.6103	U
0199-F-DUP	FD	NFS	Gamma	Th-232	0.7467	0.2496	0.4085	
0199-F-DUP	FD	NFS	Gamma	U-235	0.0541	0.0561	0.0931	U
0199-F-DUP	FD	NFS	Gamma	U-238	3.458	5.451	9.211	U
0200-A	FS	NFS	Gamma	Am-241	0.062	0.3181	0.5382	U
0200-A	FS	NFS	Gamma	Th-232	1.541	0.2916	0.4683	
0200-A	FS	NFS	Gamma	U-235	0.3831	0.0641	0.1037	
0200-A	FS	NFS	Gamma	U-238	-0.3007	-6.438	10.98	U
0200-B	FS	NFS	Gamma	Am-241	0.5271	0.3652	0.6101	U
0200-B	FS	NFS	Gamma	Th-232	0.6625	0.2403	0.3832	
0200-B	FS	NFS	Gamma	U-235	0.3471	0.054	0.0849	
0200-B	FS	NFS	Gamma	U-238	1.974	5.666	9.613	U
0200-C	FS	NFS	Gamma	Am-241	-0.1033	-0.3455	0.5863	U
0200-C	FS	NFS	Gamma	Th-232	2.834	0.2865	0.4312	
0200-C	FS	NFS	Gamma	U-235	0.2657	0.0657	0.1082	
0200-C	FS	NFS	Gamma	U-238	-11.89	-7.129	12.35	U
0200-D	FS	NFS	Gamma	Am-241	0.5056	0.3845	0.6437	U
0200-D	FS	NFS	Gamma	Th-232	1.261	0.2663	0.4281	
0200-D	FS	NFS	Gamma	U-235	0.3059	0.0598	0.0969	
0200-D	FS	NFS	Gamma	U-238	6.48	5.403	9.415	U
0200-E	FS	NFS	Gamma	Am-241	0.3037	0.3083	0.5286	U
0200-E	FS	NFS	Gamma	Th-232	1.788	0.2518	0.3884	
0200-E	FS	NFS	Gamma	U-235	0.2295	0.0576	0.0945	
0200-E	FS	NFS	Gamma	U-238	6.271	5.321	9.01	U
0201-A	FS	PARAGON	LSC	Tc-99	0.8	1	1.7	UJ
0201-A	FS	PARAGON	LSC	Pu-241	0.3	2.4	4	U
0201-A	FS	PARAGON	Gamma	Am-241	-0.5	1.1	1.9	U
0201-A	FS	PARAGON	Gamma	Th-232	1.01	0.35	0.47	J
0201-A	FS	PARAGON	Gamma	U-235	0.46	0.37	0.58	U
0201-A	FS	PARAGON	Alpha	Am-241	0.193	0.049	0.014	
0201-A	FS	PARAGON	Alpha	Pu-238	0.018	0.018	0.027	U
0201-A	FS	PARAGON	Alpha	Pu-239/240	0.439	0.094	0.017	
0201-A	FS	PARAGON	Alpha	Pu-242	0.025	0.016	0.017	
0201-A	FS	PARAGON	Alpha	Th-230	0.83	0.16	0.05	
0201-A	FS	PARAGON	Alpha	Th-232	0.82	0.16	0.02	
0201-A	FS	PARAGON	Alpha	U-233/234	6.7	1.1	0	
0201-A	FS	PARAGON	Alpha	U-235	0.195	0.078	0.046	
0201-A	FS	PARAGON	Alpha	U-238	1.19	0.25	0.05	
0201-A	FS	NFS	Gamma	Am-241	0.3188	0.3719	0.6258	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0201-A	FS	NFS	Gamma	Th-232	0.8664	0.2425	0.3866	
0201-A	FS	NFS	Gamma	U-235	0.3055	0.0601	0.0958	
0201-A	FS	NFS	Gamma	U-238	7.265	5.86	9.801	U
0201-B	FS	NFS	Gamma	Am-241	0.8248	0.271	0.4464	
0201-B	FS	NFS	Gamma	Th-232	0.7548	0.2222	0.3604	
0201-B	FS	NFS	Gamma	U-235	0.3909	0.0559	0.0891	
0201-B	FS	NFS	Gamma	U-238	1.541	5.309	9.017	U
0201-C	FS	NFS	Gamma	Am-241	-0.3177	-0.4446	0.7579	U
0201-C	FS	NFS	Gamma	Th-232	1.745	0.2891	0.4563	
0201-C	FS	NFS	Gamma	U-235	0.2249	0.0679	0.1121	
0201-C	FS	NFS	Gamma	U-238	11.65	6.155	9.772	
0201-D	FS	NFS	Gamma	Am-241	0.4085	0.2903	0.4864	U
0201-D	FS	NFS	Gamma	Th-232	1.76	0.2835	0.449	
0201-D	FS	NFS	Gamma	U-235	0.1493	0.0564	0.0937	
0201-D	FS	NFS	Gamma	U-238	5.873	5.69	9.261	U
0201-E	FS	NFS	Gamma	Am-241	-0.6956	-0.3952	0.6774	U
0201-E	FS	NFS	Gamma	Th-232	1.672	0.2298	0.3544	
0201-E	FS	NFS	Gamma	U-235	0.062	0.0562	0.0945	U
0201-E	FS	NFS	Gamma	U-238	9.605	5.448	9.045	
0201-E-DUP	FD	NFS	Gamma	Am-241	0.6449	0.2822	0.4686	
0201-E-DUP	FD	NFS	Gamma	Th-232	1.88	0.2578	0.4024	
0201-E-DUP	FD	NFS	Gamma	U-235	0.0706	0.0576	0.0964	U
0201-E-DUP	FD	NFS	Gamma	U-238	5.739	5.235	8.782	U
0201-F	FS	NFS	Gamma	Am-241	0.2869	0.387	0.6519	U
0201-F	FS	NFS	Gamma	Th-232	1.673	0.2696	0.428	
0201-F	FS	NFS	Gamma	U-235	0.1306	0.0592	0.0952	
0201-F	FS	NFS	Gamma	U-238	4.592	5.687	9.196	U
0202-A	FS	NFS	Gamma	Am-241	0.4584	0.2745	0.4587	U
0202-A	FS	NFS	Gamma	Th-232	0.6169	0.2224	0.3647	
0202-A	FS	NFS	Gamma	U-235	0.3709	0.0518	0.0823	
0202-A	FS	NFS	Gamma	U-238	-3.927	-6.083	9.309	U
0202-B	FS	NFS	Gamma	Am-241	0.0187	0.3563	0.6044	U
0202-B	FS	NFS	Gamma	Th-232	0.9777	0.2391	0.3832	
0202-B	FS	NFS	Gamma	U-235	0.1605	0.0549	0.0907	
0202-B	FS	NFS	Gamma	U-238	6.899	5.466	9.14	U
0202-C	FS	NFS	Gamma	Am-241	-0.1053	-0.3104	0.527	U
0202-C	FS	NFS	Gamma	Th-232	1.987	0.2477	0.3798	
0202-C	FS	NFS	Gamma	U-235	0.1815	0.0581	0.0957	
0202-C	FS	NFS	Gamma	U-238	-0.5479	-5.251	10.02	U
0202-D	FS	NFS	Gamma	Am-241	0.1753	0.3859	0.6519	U
0202-D	FS	NFS	Gamma	Th-232	1.742	0.2492	0.386	
0202-D	FS	NFS	Gamma	U-235	0.1598	0.0576	0.095	
0202-D	FS	NFS	Gamma	U-238	14.89	4.811	7.783	
0202-E	FS	NFS	Gamma	Am-241	0.208	0.2875	0.4845	U
0202-E	FS	NFS	Gamma	Th-232	1.975	0.247	0.3781	
0202-E	FS	NFS	Gamma	U-235	0.0793	0.0603	0.1012	U
0202-E	FS	NFS	Gamma	U-238	12.47	6.429	10.67	
0203-A	FS	NFS	Gamma	Am-241	0.2396	0.4701	0.7936	U
0203-A	FS	NFS	Gamma	Th-232	1.785	0.3145	0.4976	
0203-A	FS	NFS	Gamma	U-235	0.6574	0.0717	0.1108	
0203-A	FS	NFS	Gamma	U-238	-5.336	-6.091	11.63	U
0203-B	FS	NFS	Gamma	Am-241	0.2561	0.2798	0.4397	U
0203-B	FS	NFS	Gamma	Th-232	0.9092	0.2024	0.3223	
0203-B	FS	NFS	Gamma	U-235	0.1671	0.0541	0.0892	

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					Analytical Result	Error (2-sigma)	MDC	
0203-B	FS	NFS	Gamma	U-238	-1.305	-6.474	11.04	U
0203-C	FS	NFS	Gamma	Am-241	0.0873	0.3881	0.657	U
0203-C	FS	NFS	Gamma	Th-232	2.136	0.2373	0.3551	
0203-C	FS	NFS	Gamma	U-235	0.058	0.0572	0.0958	U
0203-C	FS	NFS	Gamma	U-238	-1.063	-4.97	8.728	U
0203-D	FS	PARAGON	LSC	Tc-99	-0.11	0.94	1.6	U
0203-D	FS	PARAGON	LSC	Pu-241	0.1	2.5	4.2	U
0203-D	FS	PARAGON	Gamma	Am-241	-0.05	0.5	0.9	U
0203-D	FS	PARAGON	Gamma	Th-232	0.77	0.37	0.71	J
0203-D	FS	PARAGON	Gamma	U-235	-0.11	0.3	0.57	U
0203-D	FS	PARAGON	Alpha	Am-241	0.017	0.016	0.023	U
0203-D	FS	PARAGON	Alpha	Pu-238	0	0.013	0.024	U
0203-D	FS	PARAGON	Alpha	Pu-239/240	0.059	0.026	0.007	U
0203-D	FS	PARAGON	Alpha	Pu-242	0.01	0.011	0.016	U
0203-D	FS	PARAGON	Alpha	Th-230	0.67	0.14	0.05	
0203-D	FS	PARAGON	Alpha	Th-232	1.14	0.22	0.02	
0203-D	FS	PARAGON	Alpha	U-233/234	1.33	0.28	0.03	
0203-D	FS	PARAGON	Alpha	U-235	0.047	0.037	0.018	
0203-D	FS	PARAGON	Alpha	U-238	0.64	0.16	0.03	
0203-D	FS	NFS	Gamma	Am-241	-0.0846	-0.2815	0.4781	U
0203-D	FS	NFS	Gamma	Th-232	1.112	0.2445	0.3944	
0203-D	FS	NFS	Gamma	U-235	0.0207	0.0557	0.094	U
0203-D	FS	NFS	Gamma	U-238	8.973	5.883	10.15	U
0203-E	FS	PARAGON	LSC	Pu-241	0.5	3	5	U
0203-E	FS	PARAGON	Gamma	Am-241	0.44	0.95	1.6	U
0203-E	FS	PARAGON	Gamma	Th-232	0.63	0.24	0.42	
0203-E	FS	PARAGON	Gamma	U-235	-0.09	0.33	0.59	U
0203-E	FS	PARAGON	Alpha	Am-241	0.0071	0.0088	0.0131	U
0203-E	FS	PARAGON	Alpha	Pu-238	0	0.011	0.017	U
0203-E	FS	PARAGON	Alpha	Pu-239/240	0.014	0.013	0.017	U
0203-E	FS	PARAGON	Alpha	Pu-242	0.032	0.021	0.027	
0203-E	FS	PARAGON	Alpha	Th-230	0.5	0.11	0.05	
0203-E	FS	PARAGON	Alpha	Th-232	0.76	0.15	0.01	
0203-E	FS	PARAGON	Alpha	U-233/234	1.27	0.27	0.05	
0203-E	FS	PARAGON	Alpha	U-235	-0.007	0.025	0.05	U
0203-E	FS	PARAGON	Alpha	U-238	0.45	0.13	0.04	
0203-E	FS	NFS	Gamma	Am-241	-0.179	-0.345	0.5877	U
0203-E	FS	NFS	Gamma	Th-232	1.357	0.197	0.3021	
0203-E	FS	NFS	Gamma	U-235	0.0164	0.0512	0.0867	U
0203-E	FS	NFS	Gamma	U-238	-6.883	-2.353	8.415	U
0203-E-DUP	FD	NFS	Gamma	Am-241	-0.37	-0.2669	0.4567	U
0203-E-DUP	FD	NFS	Gamma	Th-232	1.081	0.2283	0.3658	
0203-E-DUP	FD	NFS	Gamma	U-235	0.033	0.0523	0.0876	U
0203-E-DUP	FD	NFS	Gamma	U-238	6.148	6.051	10.17	U
0203-F	FS	NFS	Gamma	Am-241	0.1562	0.379	0.6407	U
0203-F	FS	NFS	Gamma	Th-232	0.91	0.2547	0.415	
0203-F	FS	NFS	Gamma	U-235	-0.0006	-0.0514	0.0879	U
0203-F	FS	NFS	Gamma	U-238	-5.76	-4.553	9.681	U
0204-A	FS	NFS	Gamma	Am-241	1.118	0.2907	0.477	
0204-A	FS	NFS	Gamma	Th-232	1.196	0.2244	0.3572	
0204-A	FS	NFS	Gamma	U-235	0.388	0.0568	0.091	
0204-A	FS	NFS	Gamma	U-238	-7.122	-7.367	12.64	U
0204-B	FS	PARAGON	LSC	Tc-99	-0.17	0.78	1.33	UJ
0204-B	FS	PARAGON	LSC	Pu-241	-0.5	2.5	4.3	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0204-B	FS	PARAGON	Gamma	Am-241	0.27	0.44	0.74	U
0204-B	FS	PARAGON	Gamma	Th-232	0.67	0.31	0.53	J
0204-B	FS	PARAGON	Gamma	U-235	-0.13	0.3	0.57	U
0204-B	FS	PARAGON	Alpha	Am-241	0.017	0.012	0.005	
0204-B	FS	PARAGON	Alpha	Pu-238	0.002	0.01	0.015	U
0204-B	FS	PARAGON	Alpha	Pu-239/240	0.019	0.017	0.025	U
0204-B	FS	PARAGON	Alpha	Pu-242	0.021	0.014	0.013	
0204-B	FS	PARAGON	Alpha	Th-230	0.365	0.083	0.044	
0204-B	FS	PARAGON	Alpha	Th-232	0.49	0.1	0.01	
0204-B	FS	PARAGON	Alpha	U-233/234	0.74	0.18	0.04	
0204-B	FS	PARAGON	Alpha	U-235	0.009	0.024	0.042	U
0204-B	FS	PARAGON	Alpha	U-238	0.46	0.13	0.04	
0204-B	FS	NFS	Gamma	Am-241	-0.1171	-0.3316	0.5649	U
0204-B	FS	NFS	Gamma	Th-232	0.7309	0.2078	0.3362	
0204-B	FS	NFS	Gamma	U-235	-0.0288	-0.0468	0.0799	U
0204-B	FS	NFS	Gamma	U-238	-3.587	-4.541	7.748	U
0204-B	LR	PARAGON	LSC	Tc-99	-0.06	0.85	1.44	U
0204-B-DUP	FD	PARAGON	LSC	Tc-99	0.11	0.8	1.34	UJ
0204-C	FS	NFS	Gamma	Am-241	-0.5904	-0.302	0.5179	U
0204-C	FS	NFS	Gamma	Th-232	1.89	0.2558	0.3949	
0204-C	FS	NFS	Gamma	U-235	0.1206	0.0582	0.0971	
0204-C	FS	NFS	Gamma	U-238	8.942	6.724	11.39	U
0204-D	FS	NFS	Gamma	Am-241	0.1416	0.3459	0.5848	U
0204-D	FS	NFS	Gamma	Th-232	0.5155	0.2331	0.3828	
0204-D	FS	NFS	Gamma	U-235	0.0997	0.0483	0.0779	
0204-D	FS	NFS	Gamma	U-238	-7.774	-2.927	8.748	U
0204-E	FS	NFS	Gamma	Am-241	-0.2256	-0.2835	0.4833	U
0204-E	FS	NFS	Gamma	Th-232	0.9542	0.2452	0.3967	
0204-E	FS	NFS	Gamma	U-235	0.0672	0.0551	0.0926	U
0204-E	FS	NFS	Gamma	U-238	3.302	6.761	11.43	U
0204-F	FS	NFS	Gamma	Am-241	-0.3869	-0.3584	0.6131	U
0204-F	FS	NFS	Gamma	Th-232	0.8346	0.2288	0.3722	
0204-F	FS	NFS	Gamma	U-235	0.0653	0.0493	0.0804	U
0204-F	FS	NFS	Gamma	U-238	-4.05	-4.478	7.973	U
0205-A	FS	PARAGON	LSC	Tc-99	-0.39	0.98	1.67	U
0205-A	FS	PARAGON	LSC	Pu-241	1.7	2.8	4.6	U
0205-A	FS	PARAGON	Gamma	Am-241	-0.03	0.67	1.2	U
0205-A	FS	PARAGON	Gamma	Th-232	1.19	0.42	0.94	J
0205-A	FS	PARAGON	Gamma	U-235	0.16	0.41	0.7	U
0205-A	FS	PARAGON	Alpha	Am-241	0.016	0.013	0.015	
0205-A	FS	PARAGON	Alpha	Pu-238	0.004	0.0097	0.0054	U
0205-A	FS	PARAGON	Alpha	Pu-239/240	0.036	0.018	0.005	U
0205-A	FS	PARAGON	Alpha	Pu-242	0.022	0.016	0.019	
0205-A	FS	PARAGON	Alpha	Th-230	1.79	0.33	0.05	
0205-A	FS	PARAGON	Alpha	Th-232	1.34	0.25	0.02	
0205-A	FS	PARAGON	Alpha	U-233/234	1.87	0.36	0.03	
0205-A	FS	PARAGON	Alpha	U-235	0.073	0.045	0.034	
0205-A	FS	PARAGON	Alpha	U-238	1.68	0.33	0.03	
0205-A	FS	NFS	Gamma	Am-241	-0.0537	-0.3637	0.6172	U
0205-A	FS	NFS	Gamma	Th-232	1.703	0.3299	0.5229	
0205-A	FS	NFS	Gamma	U-235	0.2015	0.0789	0.1312	
0205-A	FS	NFS	Gamma	U-238	19.8	8.924	14.75	
0205-B	FS	NFS	Gamma	Am-241	0.1318	0.3785	0.6402	U
0205-B	FS	NFS	Gamma	Th-232	1.269	0.26	0.4124	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0205-B	FS	NFS	Gamma	U-235	0.1278	0.0558	0.0927	
0205-B	FS	NFS	Gamma	U-238	-1.408	-4.991	8.663	U
0205-B-DUP	FD	NFS	Gamma	Am-241	0.1251	0.2877	0.486	U
0205-B-DUP	FD	NFS	Gamma	Th-232	0.8751	0.2735	0.4474	
0205-B-DUP	FD	NFS	Gamma	U-235	0.1195	0.058	0.0966	
0205-B-DUP	FD	NFS	Gamma	U-238	7.441	6.885	11.56	U
0205-C	FS	NFS	Gamma	Am-241	-0.1244	-0.4979	0.8454	U
0205-C	FS	NFS	Gamma	Th-232	2.841	0.3014	0.4545	
0205-C	FS	NFS	Gamma	U-235	0.1215	0.0624	0.1042	
0205-C	FS	NFS	Gamma	U-238	-2.04	-5.483	9.424	U
0205-D	FS	NFS	Gamma	Am-241	0.1205	0.2719	0.4592	U
0205-D	FS	NFS	Gamma	Th-232	1.002	0.2379	0.3912	
0205-D	FS	NFS	Gamma	U-235	0.0645	0.055	0.0921	U
0205-D	FS	NFS	Gamma	U-238	-2.797	-6.417	10.98	U
0205-E	FS	NFS	Gamma	Am-241	0.0476	0.3724	0.6312	U
0205-E	FS	NFS	Gamma	Th-232	1.436	0.2555	0.4054	
0205-E	FS	NFS	Gamma	U-235	-0.0093	-0.0546	0.0927	U
0205-E	FS	NFS	Gamma	U-238	-4.873	-5.136	8.908	U
0205-F	FS	NFS	Gamma	Am-241	0.1455	0.3852	0.6513	U
0205-F	FS	NFS	Gamma	Th-232	1.084	0.2557	0.4113	
0205-F	FS	NFS	Gamma	U-235	0.0635	0.0568	0.0945	U
0205-F	FS	NFS	Gamma	U-238	-12.81	-6.205	10.89	U
0206-A	FS	NFS	Gamma	Am-241	0.0727	0.4178	0.7075	U
0206-A	FS	NFS	Gamma	Th-232	1.251	0.2378	0.3771	
0206-A	FS	NFS	Gamma	U-235	0.1738	0.0594	0.0983	
0206-A	FS	NFS	Gamma	U-238	-6.338	-5.793	10.04	U
0206-B	FS	NFS	Gamma	Am-241	0.5323	0.2488	0.4132	
0206-B	FS	NFS	Gamma	Th-232	0.5646	0.1856	0.302	
0206-B	FS	NFS	Gamma	U-235	0.0933	0.0481	0.0801	
0206-B	FS	NFS	Gamma	U-238	9.593	5.353	8.481	
0206-C	FS	NFS	Gamma	Am-241	0.8152	0.438	0.7289	
0206-C	FS	NFS	Gamma	Th-232	2.072	0.2793	0.4312	
0206-C	FS	NFS	Gamma	U-235	0.1766	0.0635	0.1037	
0206-C	FS	NFS	Gamma	U-238	3.52	6.323	10.04	U
0206-D	FS	NFS	Gamma	Am-241	0.0505	0.2911	0.4927	U
0206-D	FS	NFS	Gamma	Th-232	1.653	0.202	0.3018	
0206-D	FS	NFS	Gamma	U-235	0.0604	0.0539	0.0906	U
0206-D	FS	NFS	Gamma	U-238	6.167	5.885	9.882	U
0206-E	FS	NFS	Gamma	Am-241	0.5333	0.3641	0.6086	U
0206-E	FS	NFS	Gamma	Th-232	1.57	0.2394	0.3743	
0206-E	FS	NFS	Gamma	U-235	0.0945	0.0561	0.0924	
0206-E	FS	NFS	Gamma	U-238	-2.508	-23.73	9.097	U
0206-F	FS	NFS	Gamma	Am-241	0.1873	0.2441	0.4112	U
0206-F	FS	NFS	Gamma	Th-232	0.246	0.256	0.4403	U
0206-F	FS	NFS	Gamma	U-235	0.0925	0.0562	0.0939	U
0206-F	FS	NFS	Gamma	U-238	4.274	7.916	10.06	U
0207-A	FS	NFS	Gamma	Am-241	0.4324	0.3412	0.5714	U
0207-A	FS	NFS	Gamma	Th-232	0.9217	0.2514	0.4073	
0207-A	FS	NFS	Gamma	U-235	0.1495	0.0525	0.084	
0207-A	FS	NFS	Gamma	U-238	-3.278	-8.943	9.922	U
0207-A-DUP	FD	NFS	Gamma	Am-241	-0.2265	-0.27	0.4609	U
0207-A-DUP	FD	NFS	Gamma	Th-232	0.9869	0.2188	0.3477	
0207-A-DUP	FD	NFS	Gamma	U-235	0.105	0.0574	0.0959	
0207-A-DUP	FD	NFS	Gamma	U-238	2.863	5.671	9.598	U

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Survey Unit 08 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0207-B	FS	NFS	Gamma	Am-241	0.251	0.3422	0.5765	U
0207-B	FS	NFS	Gamma	Th-232	0.8309	0.211	0.3401	
0207-B	FS	NFS	Gamma	U-235	0.0468	0.0501	0.0843	U
0207-B	FS	NFS	Gamma	U-238	3.994	4.204	7.063	U
0207-C	FS	NFS	Gamma	Am-241	-0.0418	-0.1833	0.4555	U
0207-C	FS	NFS	Gamma	Th-232	0.9167	0.2341	0.3772	
0207-C	FS	NFS	Gamma	U-235	0.1394	0.0532	0.0876	
0207-C	FS	NFS	Gamma	U-238	3.088	5.805	9.38	U
0207-D	FS	NFS	Gamma	Am-241	0.249	0.4125	0.6957	U
0207-D	FS	NFS	Gamma	Th-232	2.362	0.2801	0.4294	
0207-D	FS	NFS	Gamma	U-235	0.0104	0.0643	0.1089	U
0207-D	FS	NFS	Gamma	U-238	4.025	5.716	9.647	U
0207-E	FS	NFS	Gamma	Am-241	-0.0413	-0.2565	0.4356	U
0207-E	FS	NFS	Gamma	Th-232	1.174	0.2047	0.3197	
0207-E	FS	NFS	Gamma	U-235	0.1448	0.0544	0.0904	
0207-E	FS	NFS	Gamma	U-238	2.718	5.369	9.085	U
0207-F	FS	NFS	Gamma	Am-241	-0.1033	-0.4139	0.7032	U
0207-F	FS	NFS	Gamma	Th-232	2.332	0.2359	0.3484	
0207-F	FS	NFS	Gamma	U-235	0.151	0.0573	0.0951	
0207-F	FS	NFS	Gamma	U-238	4.886	4.906	8.238	U
0208-A	FS	NFS	Gamma	Am-241	-0.5656	-0.3045	0.5228	U
0208-A	FS	NFS	Gamma	Th-232	1.36	0.2425	0.38	
0208-A	FS	NFS	Gamma	U-235	0.0588	0.0652	0.1098	U
0208-A	FS	NFS	Gamma	U-238	0.3254	20.1	12.81	U
0208-B	FS	PARAGON	LSC	Tc-99	0.12	0.94	1.58	U
0208-B	FS	NFS	Gamma	Am-241	-0.0548	-0.4366	0.7415	U
0208-B	FS	NFS	Gamma	Th-232	1.484	0.3113	0.4895	
0208-B	FS	NFS	Gamma	U-235	0.165	0.0676	0.1125	
0208-B	FS	NFS	Gamma	U-238	4.933	8.32	11.32	U
0208-C	FS	NFS	Gamma	Am-241	-0.1995	-0.3577	0.6099	U
0208-C	FS	NFS	Gamma	Th-232	1.161	0.1695	0.2538	
0208-C	FS	NFS	Gamma	U-235	0.1935	0.0505	0.0827	
0208-C	FS	NFS	Gamma	U-238	-0.2149	-5.527	9.427	U
0208-D	FS	NFS	Gamma	Am-241	-0.2349	-0.2562	0.4373	U
0208-D	FS	NFS	Gamma	Th-232	1.292	0.2297	0.3649	
0208-D	FS	NFS	Gamma	U-235	0.0734	0.0527	0.0881	U
0208-D	FS	NFS	Gamma	U-238	5.446	5.318	8.526	U
0208-E	FS	NFS	Gamma	Am-241	-0.1571	-0.3768	0.6417	U
0208-E	FS	NFS	Gamma	Th-232	1.181	0.2071	0.3238	
0208-E	FS	NFS	Gamma	U-235	0.0297	0.0629	0.0988	U
0208-E	FS	NFS	Gamma	U-238	-2.902	-4.47	10.9	U
0208-E-DUP	FD	NFS	Gamma	Am-241	-0.3428	-0.2516	0.431	U
0208-E-DUP	FD	NFS	Gamma	Th-232	0.8826	0.2391	0.3883	
0208-E-DUP	FD	NFS	Gamma	U-235	-0.0312	-0.0555	0.0945	U
0208-E-DUP	FD	NFS	Gamma	U-238	-5.012	-6.315	10.85	U
0208-F	FS	NFS	Gamma	Am-241	0.0489	0.3384	0.5734	U
0208-F	FS	NFS	Gamma	Th-232	1.848	0.1537	0.1989	
0208-F	FS	NFS	Gamma	U-235	0.0209	0.0559	0.0944	U
0208-F	FS	NFS	Gamma	U-238	-9.704	-6.751	11.49	U
EB-08	EB	PARAGON	LSC	Pu-241	-0.4	4.5	7.7	U
EB-08	EB	PARAGON	LSC	Tc-99	0.1	6.4	10.8	U
EB-08	EB	PARAGON	Gamma	Am-241	9	28	48	U
EB-08	EB	PARAGON	Gamma	Th-232	-10	31	56	U
EB-08	EB	PARAGON	Gamma	U-235	-10	31	54	U

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Survey Unit 08 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
EB-08	EB	PARAGON	Alpha	Am-241	0.007	0.026	0.019	U
EB-08	EB	PARAGON	Alpha	Pu-238	-0.002	0.028	0.04	U
EB-08	EB	PARAGON	Alpha	Pu-239/240	0.016	0.028	0.055	U
EB-08	EB	PARAGON	Alpha	Pu-242	0.045	0.041	0.059	U
EB-08	EB	PARAGON	Alpha	Th-230	0.152	0.075	0.109	LT
EB-08	EB	PARAGON	Alpha	Th-232	0.014	0.026	0.051	U
EB-08	EB	PARAGON	Alpha	U-233/234	0.119	0.082	0.077	LT
EB-08	EB	PARAGON	Alpha	U-235	0.042	0.052	0.069	U
EB-08	EB	PARAGON	Alpha	U-238	0.001	0.044	0.089	U
EB-08	LR	PARAGON	LSC	Tc-99	-0.4	6.2	10.5	U
EB-08	LR	PARAGON	Gamma	Am-241	2.1	6.1	10.2	U
EB-08	LR	PARAGON	Gamma	Th-232	12	26	44	U
EB-08	LR	PARAGON	Gamma	U-235	-5	24	41	U

Appendix G.3

Radiological Dataset, Survey Unit 9

Survey Unit 09 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0209-A	FS	PARAGON	LSC	Tc-99	-0.24	0.82	1.4	U
0209-A	FS	PARAGON	LSC	Pu-241	-0.3	2.3	3.9	U
0209-A	FS	PARAGON	Gamma	Am-241	0.42	0.61	1.01	U
0209-A	FS	PARAGON	Gamma	Th-232	0.53	0.33	0.45	J
0209-A	FS	PARAGON	Gamma	U-235	0.29	0.28	0.44	U
0209-A	FS	PARAGON	Alpha	Am-241	0.022	0.014	0.014	
0209-A	FS	PARAGON	Alpha	Pu-238	0.0053	0.0088	0.0048	J
0209-A	FS	PARAGON	Alpha	Pu-239/240	0.073	0.027	0.019	
0209-A	FS	PARAGON	Alpha	Pu-242	0.011	0.0079	0.0093	
0209-A	FS	PARAGON	Alpha	Th-230	0.426	0.093	0.046	
0209-A	FS	PARAGON	Alpha	Th-232	0.53	0.11	0.02	
0209-A	FS	PARAGON	Alpha	U-233/234	6.6	1.1	0	
0209-A	FS	PARAGON	Alpha	U-235	0.172	0.07	0.017	
0209-A	FS	PARAGON	Alpha	U-238	0.6	0.15	0.03	
0209-A	FS	NFS	Gamma	Am-241	0.1977	0.309	0.5212	U
0209-A	FS	NFS	Gamma	Th-232	0.7022	0.1994	0.3222	
0209-A	FS	NFS	Gamma	U-235	0.2301	0.0515	0.0837	
0209-A	FS	NFS	Gamma	U-238	0.2684	4.739	8.097	U
0209-B	FS	NFS	Gamma	Am-241	-0.2129	-0.2602	0.4443	U
0209-B	FS	NFS	Gamma	Th-232	0.4876	0.2083	0.3433	
0209-B	FS	NFS	Gamma	U-235	0.2387	0.0529	0.0862	
0209-B	FS	NFS	Gamma	U-238	-1.805	-7.823	13.32	U
0209-C	FS	NFS	Gamma	Am-241	0.161	0.3956	0.6688	U
0209-C	FS	NFS	Gamma	Th-232	1.492	0.2403	0.3752	
0209-C	FS	NFS	Gamma	U-235	0.2221	0.0588	0.0951	
0209-C	FS	NFS	Gamma	U-238	0.2837	5.468	9.332	U
0209-D	FS	NFS	Gamma	Am-241	0.367	0.2905	0.4872	U
0209-D	FS	NFS	Gamma	Th-232	1.173	0.2207	0.3445	
0209-D	FS	NFS	Gamma	U-235	0.1703	0.0588	0.0969	
0209-D	FS	NFS	Gamma	U-238	-2.407	-9.38	17.24	U
0209-E	FS	NFS	Gamma	Am-241	0.288	0.371	0.6248	U
0209-E	FS	NFS	Gamma	Th-232	1.198	0.2712	0.4374	
0209-E	FS	NFS	Gamma	U-235	0.1026	0.0597	0.0998	
0209-E	FS	NFS	Gamma	U-238	0.7951	13.31	11.66	U
0210-A	FS	NFS	Gamma	Am-241	0.3028	0.261	0.438	U
0210-A	FS	NFS	Gamma	Th-232	0.8888	0.1902	0.3011	
0210-A	FS	NFS	Gamma	U-235	0.1829	0.0522	0.0856	
0210-A	FS	NFS	Gamma	U-238	9.215	8.467	14.23	U
0210-B	FS	NFS	Gamma	Am-241	-0.2989	-0.4359	0.7439	U
0210-B	FS	NFS	Gamma	Th-232	1.638	0.313	0.4985	
0210-B	FS	NFS	Gamma	U-235	0.1599	0.0704	0.1118	
0210-B	FS	NFS	Gamma	U-238	10.95	6.474	10.8	
0210-C	FS	NFS	Gamma	Am-241	0.0874	0.3039	0.514	U
0210-C	FS	NFS	Gamma	Th-232	0.9279	0.2653	0.4361	
0210-C	FS	NFS	Gamma	U-235	0.1304	0.0602	0.1003	
0210-C	FS	NFS	Gamma	U-238	11.63	10.32	17.29	U
0210-D	FS	NFS	Gamma	Am-241	-0.0385	-0.3877	0.6583	U
0210-D	FS	NFS	Gamma	Th-232	1.889	0.2508	0.385	
0210-D	FS	NFS	Gamma	U-235	0.1646	0.0631	0.1013	
0210-D	FS	NFS	Gamma	U-238	-2.499	-6.949	11.89	U
0210-E	FS	NFS	Gamma	Am-241	-0.1409	-0.2731	0.4647	U
0210-E	FS	NFS	Gamma	Th-232	0.7254	0.2358	0.3859	
0210-E	FS	NFS	Gamma	U-235	0.1084	0.0536	0.0894	
0210-E	FS	NFS	Gamma	U-238	-0.6588	-9.599	16.28	U

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Survey Unit 09 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0210-E-DUP	FD	NFS	Gamma	Am-241	0.4515	0.3696	0.6192	U
0210-E-DUP	FD	NFS	Gamma	Th-232	1.164	0.2576	0.4103	
0210-E-DUP	FD	NFS	Gamma	U-235	0.1443	0.0562	0.0927	
0210-E-DUP	FD	NFS	Gamma	U-238	0.8402	7.598	10.44	U
0210-F	FS	NFS	Gamma	Am-241	0.2602	0.3456	0.5823	U
0210-F	FS	NFS	Gamma	Th-232	1.252	0.3178	0.5175	
0210-F	FS	NFS	Gamma	U-235	0.0352	0.0699	0.1181	U
0210-F	FS	NFS	Gamma	U-238	3.807	7.541	12.91	U
0211-A	FS	NFS	Gamma	Am-241	0.1392	0.3453	0.5839	U
0211-A	FS	NFS	Gamma	Th-232	0.7233	0.2048	0.3313	
0211-A	FS	NFS	Gamma	U-235	0.1443	0.0507	0.0838	
0211-A	FS	NFS	Gamma	U-238	-7.847	-6.489	11.23	U
0211-B	FS	NFS	Gamma	Am-241	0.4993	0.2949	0.4926	
0211-B	FS	NFS	Gamma	Th-232	1.598	0.2442	0.3773	
0211-B	FS	NFS	Gamma	U-235	0.1378	0.0566	0.0941	
0211-B	FS	NFS	Gamma	U-238	-5.028	-6.052	10.45	U
0211-C	FS	NFS	Gamma	Am-241	-0.2595	-0.4069	0.6943	U
0211-C	FS	NFS	Gamma	Th-232	1.295	0.2466	0.3854	
0211-C	FS	NFS	Gamma	U-235	0.1104	0.0607	0.0959	
0211-C	FS	NFS	Gamma	U-238	4.81	5.942	10.01	U
0211-D	FS	NFS	Gamma	Am-241	0.2519	0.3035	0.5109	U
0211-D	FS	NFS	Gamma	Th-232	1.599	0.2552	0.4032	
0211-D	FS	NFS	Gamma	U-235	0.1506	0.0539	0.0886	
0211-D	FS	NFS	Gamma	U-238	1.717	5.345	9.074	U
0211-E	FS	NFS	Gamma	Am-241	0.7551	0.378	0.6272	
0211-E	FS	NFS	Gamma	Th-232	0.7987	0.282	0.453	
0211-E	FS	NFS	Gamma	U-235	0.1207	0.0601	0.1003	
0211-E	FS	NFS	Gamma	U-238	3.669	6.796	11.49	U
0211-F	FS	NFS	Gamma	Am-241	0.1565	0.4033	0.6817	U
0211-F	FS	NFS	Gamma	Th-232	0.9503	0.4071	0.6775	
0211-F	FS	NFS	Gamma	U-235	0.0969	0.0775	0.1294	U
0211-F	FS	NFS	Gamma	U-238	16.37	7.596	12.48	
0212-A	FS	NFS	Gamma	Am-241	-0.0582	-0.3119	0.5303	U
0212-A	FS	NFS	Gamma	Th-232	0.3519	0.2223	0.3664	U
0212-A	FS	NFS	Gamma	U-235	0.5582	0.0532	0.0808	
0212-A	FS	NFS	Gamma	U-238	-3.302	-5.603	9.629	U
0212-B	FS	NFS	Gamma	Am-241	-0.0789	-0.3066	0.5208	U
0212-B	FS	NFS	Gamma	Th-232	1.873	0.2602	0.4015	
0212-B	FS	NFS	Gamma	U-235	0.0975	0.0625	0.1039	U
0212-B	FS	NFS	Gamma	U-238	5.198	5.373	9.028	U
0212-C	FS	PARAGON	LSC	Tc-99	-0.63	0.97	1.66	U
0212-C	FS	PARAGON	LSC	Pu-241	-1	3.1	5.3	U
0212-C	FS	PARAGON	Gamma	Am-241	-0.15	0.43	0.79	U
0212-C	FS	PARAGON	Gamma	Th-232	0.95	0.33	0.49	J
0212-C	FS	PARAGON	Gamma	U-235	0.29	0.28	0.44	U
0212-C	FS	PARAGON	Alpha	Am-241	0	0.0089	0.0049	U
0212-C	FS	PARAGON	Alpha	Pu-238	0.0019	0.0092	0.0138	U
0212-C	FS	PARAGON	Alpha	Pu-239/240	-0.0038	0.0092	0.0226	U
0212-C	FS	PARAGON	Alpha	Pu-242	0.022	0.014	0.015	
0212-C	FS	PARAGON	Alpha	Th-230	0.88	0.17	0.05	
0212-C	FS	PARAGON	Alpha	Th-232	1.19	0.21	0.03	
0212-C	FS	PARAGON	Alpha	U-233/234	1.11	0.24	0.01	
0212-C	FS	PARAGON	Alpha	U-235	0.049	0.036	0.017	
0212-C	FS	PARAGON	Alpha	U-238	0.67	0.16	0.04	

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Survey Unit 09 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0212-C	FS	NFS	Gamma	Am-241	0.1625	0.4064	0.6871	U
0212-C	FS	NFS	Gamma	Th-232	1.615	0.2523	0.3896	
0212-C	FS	NFS	Gamma	U-235	0.0861	0.0536	0.0868	U
0212-C	FS	NFS	Gamma	U-238	3.983	5.296	8.93	U
0212-C	LR	PARAGON	Alpha	Am-241	0.0054	0.0089	0.0049	J
0212-C	LR	PARAGON	Alpha	Pu-238	0	0.0087	0.0138	U
0212-C	LR	PARAGON	Alpha	Pu-239/240	0	0.0087	0.0226	U
0212-C	LR	PARAGON	Alpha	U-233/234	1.36	0.28	0.01	
0212-C	LR	PARAGON	Alpha	U-235	0.093	0.05	0.017	
0212-C	LR	PARAGON	Alpha	U-238	1.22	0.25	0.04	
0212-C-DUP	FD	NFS	Gamma	Am-241	-0.3129	-0.2964	0.5065	U
0212-C-DUP	FD	NFS	Gamma	Th-232	1.03	0.2805	0.4511	
0212-C-DUP	FD	NFS	Gamma	U-235	0.0912	0.0598	0.0999	U
0212-C-DUP	FD	NFS	Gamma	U-238	-1.594	-6.692	10.59	U
0212-D	FS	NFS	Gamma	Am-241	0.0604	0.422	0.7152	U
0212-D	FS	NFS	Gamma	Th-232	1.002	0.3061	0.4846	
0212-D	FS	NFS	Gamma	U-235	0.0348	0.066	0.1069	U
0212-D	FS	NFS	Gamma	U-238	-7.404	-8.07	13.9	U
0213-A	FS	NFS	Gamma	Am-241	0.1473	0.276	0.4825	U
0213-A	FS	NFS	Gamma	Th-232	0.6521	0.4689	0.4911	
0213-A	FS	NFS	Gamma	U-235	0.8543	0.0599	0.0884	
0213-A	FS	NFS	Gamma	U-238	-3.481	-5.638	9.715	U
0213-B	FS	NFS	Gamma	Am-241	0.2724	0.321	0.5402	U
0213-B	FS	NFS	Gamma	Th-232	0.565	0.2415	0.3947	
0213-B	FS	NFS	Gamma	U-235	0.22	0.0498	0.0809	
0213-B	FS	NFS	Gamma	U-238	-6.54	-6.231	10.77	U
0213-C	FS	NFS	Gamma	Am-241	0.0618	0.4118	0.6978	U
0213-C	FS	NFS	Gamma	Th-232	1.377	0.2499	0.3933	
0213-C	FS	NFS	Gamma	U-235	0.0645	0.0585	0.0967	U
0213-C	FS	NFS	Gamma	U-238	8.745	5.468	9.08	U
0213-D	FS	PARAGON	LSC	Tc-99	-0.38	0.96	1.64	U
0213-D	FS	PARAGON	LSC	Pu-241	-2.5	2.8	4.8	U
0213-D	FS	PARAGON	Gamma	Am-241	-0.18	0.96	1.73	U
0213-D	FS	PARAGON	Gamma	Th-232	0.77	0.29	0.53	
0213-D	FS	PARAGON	Gamma	U-235	-0.23	0.34	0.64	U
0213-D	FS	PARAGON	Alpha	Am-241	0.0087	0.0086	0.0047	J
0213-D	FS	PARAGON	Alpha	Pu-238	0.005	0.012	0.007	U
0213-D	FS	PARAGON	Alpha	Pu-239/240	0.002	0.012	0.023	U
0213-D	FS	PARAGON	Alpha	Pu-242	0.032	0.015	0.014	
0213-D	FS	PARAGON	Alpha	Th-230	0.58	0.12	0.05	
0213-D	FS	PARAGON	Alpha	Th-232	1.03	0.19	0.02	
0213-D	FS	PARAGON	Alpha	U-233/234	0.91	0.2	0.03	
0213-D	FS	PARAGON	Alpha	U-235	0.04	0.034	0.039	
0213-D	FS	PARAGON	Alpha	U-238	0.64	0.16	0.04	
0213-D	FS	NFS	Gamma	Am-241	0.4381	0.7993	1.35	U
0213-D	FS	NFS	Gamma	Th-232	1.833	0.395	0.6103	
0213-D	FS	NFS	Gamma	U-235	0.2553	0.15	0.2397	
0213-D	FS	NFS	Gamma	U-238	21.48	7.824	12.73	
0213-D-DUP	FD	PARAGON	LSC	Tc-99	-0.66	0.92	1.57	U
0213-E	FS	NFS	Gamma	Am-241	-0.0652	-0.2907	0.4935	U
0213-E	FS	NFS	Gamma	Th-232	0.8969	0.258	0.4199	
0213-E	FS	NFS	Gamma	U-235	0.0678	0.0576	0.0968	U
0213-E	FS	NFS	Gamma	U-238	-5.343	-6.747	11.6	U
0214-A	FS	NFS	Gamma	Am-241	0.1026	0.3405	0.5765	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0214-A	FS	NFS	Gamma	Th-232	0.3017	0.2126	0.3423	U
0214-A	FS	NFS	Gamma	U-235	0.056	0.0521	0.0875	U
0214-A	FS	NFS	Gamma	U-238	1.996	4.969	8.436	U
0214-B	FS	NFS	Gamma	Am-241	0.2225	0.2366	0.3979	U
0214-B	FS	NFS	Gamma	Th-232	0.4112	0.1986	0.3305	
0214-B	FS	NFS	Gamma	U-235	0.1575	0.0506	0.0836	
0214-B	FS	NFS	Gamma	U-238	-11.14	-5.825	10.18	U
0214-C	FS	NFS	Gamma	Am-241	0.3226	0.3919	0.6597	U
0214-C	FS	NFS	Gamma	Th-232	0.7782	0.2339	0.3803	
0214-C	FS	NFS	Gamma	U-235	0.0915	0.0576	0.0946	U
0214-C	FS	NFS	Gamma	U-238	-7.689	-6.796	11.76	U
0214-D	FS	NFS	Gamma	Am-241	0.0707	0.2625	0.444	U
0214-D	FS	NFS	Gamma	Th-232	0.8157	0.2402	0.3916	
0214-D	FS	NFS	Gamma	U-235	0.091	0.0543	0.0907	
0214-D	FS	NFS	Gamma	U-238	-14.04	-6.438	11.23	U
0214-D-DUP	FD	NFS	Gamma	Am-241	0.6486	0.3634	0.6047	
0214-D-DUP	FD	NFS	Gamma	Th-232	1.23	0.2224	0.3446	
0214-D-DUP	FD	NFS	Gamma	U-235	0.1114	0.0528	0.0872	
0214-D-DUP	FD	NFS	Gamma	U-238	-3.513	-5.861	10.07	U
0215-A	FS	NFS	Gamma	Am-241	-0.1631	-0.2483	0.4232	U
0215-A	FS	NFS	Gamma	Th-232	0.2295	0.2314	0.3888	U
0215-A	FS	NFS	Gamma	U-235	0.4186	0.0549	0.0869	
0215-A	FS	NFS	Gamma	U-238	-8.586	-5.588	9.736	U
0215-B	FS	NFS	Gamma	Am-241	-0.0608	-0.3872	0.6579	U
0215-B	FS	NFS	Gamma	Th-232	0.6993	0.2354	0.3847	
0215-B	FS	NFS	Gamma	U-235	0.3698	0.0575	0.0895	
0215-B	FS	NFS	Gamma	U-238	-8.226	-6.214	10.81	U
0215-C	FS	NFS	Gamma	Am-241	0.2666	0.2728	0.4587	U
0215-C	FS	NFS	Gamma	Th-232	1.221	0.2029	0.3148	
0215-C	FS	NFS	Gamma	U-235	0.0376	0.0612	0.103	U
0215-C	FS	NFS	Gamma	U-238	-5.422	-6.011	10.37	U
0215-D	FS	NFS	Gamma	Am-241	0.1064	0.2642	0.4696	U
0215-D	FS	NFS	Gamma	Th-232	0.9934	0.2717	0.4428	
0215-D	FS	NFS	Gamma	U-235	0.1739	0.053	0.0874	
0215-D	FS	NFS	Gamma	U-238	-7.865	-6.658	11.49	U
0216-A	FS	NFS	Gamma	Am-241	0.4815	0.3379	0.5645	U
0216-A	FS	NFS	Gamma	Th-232	0.2557	0.208	0.3467	U
0216-A	FS	NFS	Gamma	U-235	0.4256	0.0614	0.0958	
0216-A	FS	NFS	Gamma	U-238	-2.784	-4.219	9	U
0216-B	FS	PARAGON	LSC	Tc-99	0.29	0.98	1.64	U
0216-B	FS	PARAGON	LSC	Pu-241	-1.4	2.6	4.4	U
0216-B	FS	PARAGON	Gamma	Am-241	0.036	0.091	0.155	U
0216-B	FS	PARAGON	Gamma	Th-232	0.67	0.3	0.57	J
0216-B	FS	PARAGON	Gamma	U-235	0.27	0.23	0.35	U
0216-B	FS	PARAGON	Alpha	Am-241	0.015	0.012	0.006	
0216-B	FS	PARAGON	Alpha	Pu-238	0	0.0089	0.0049	U
0216-B	FS	PARAGON	Alpha	Pu-239/240	0.02	0.014	0.017	
0216-B	FS	PARAGON	Alpha	Pu-242	0.031	0.013	0.003	
0216-B	FS	PARAGON	Alpha	Th-230	0.51	0.1	0.04	
0216-B	FS	PARAGON	Alpha	Th-232	0.65	0.12	0.01	
0216-B	FS	PARAGON	Alpha	U-233/234	10.4	1.8	0	
0216-B	FS	PARAGON	Alpha	U-235	0.36	0.12	0.04	
0216-B	FS	PARAGON	Alpha	U-238	0.93	0.22	0.04	
0216-B	FS	NFS	Gamma	Am-241	-0.0139	-0.256	0.4345	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0216-B	FS	NFS	Gamma	Th-232	0.6932	0.2388	0.3918	
0216-B	FS	NFS	Gamma	U-235	0.3932	0.0523	0.0829	
0216-B	FS	NFS	Gamma	U-238	3.575	6.327	8.958	U
0216-B-DUP	FD	PARAGON	LSC	Pu-241	-0.3	2.7	4.5	U
0216-B-DUP	FD	PARAGON	Gamma	Am-241	0.05	0.72	1.28	U
0216-B-DUP	FD	PARAGON	Gamma	Th-232	0.73	0.28	0.39	J
0216-B-DUP	FD	PARAGON	Gamma	U-235	0.37	0.3	0.46	U
0216-B-DUP	FD	PARAGON	Alpha	Am-241	0.016	0.012	0.013	
0216-B-DUP	FD	PARAGON	Alpha	Pu-238	0.0091	0.0091	0.005	J
0216-B-DUP	FD	PARAGON	Alpha	Pu-239/240	0.035	0.019	0.02	
0216-B-DUP	FD	PARAGON	Alpha	Pu-242	0.03	0.013	0.003	
0216-B-DUP	FD	PARAGON	Alpha	Th-230	0.59	0.11	0.04	
0216-B-DUP	FD	PARAGON	Alpha	Th-232	0.75	0.14	0.01	
0216-B-DUP	FD	PARAGON	Alpha	U-233/234	10.1	1.7	0	
0216-B-DUP	FD	PARAGON	Alpha	U-235	0.5	0.14	0.03	
0216-B-DUP	FD	PARAGON	Alpha	U-238	0.92	0.21	0.05	
0216-C	FS	NFS	Gamma	Am-241	0.6893	0.3862	0.6431	
0216-C	FS	NFS	Gamma	Th-232	1.75	0.2787	0.4382	
0216-C	FS	NFS	Gamma	U-235	0.0802	0.0669	0.1123	U
0216-C	FS	NFS	Gamma	U-238	3.485	8.557	10.35	U
0216-D	FS	NFS	Gamma	Am-241	-0.1445	-0.2727	0.4641	U
0216-D	FS	NFS	Gamma	Th-232	1.334	0.2335	0.3691	
0216-D	FS	NFS	Gamma	U-235	0.2803	0.0562	0.0913	
0216-D	FS	NFS	Gamma	U-238	-1.022	-6.061	10.08	U
0216-E	FS	NFS	Gamma	Am-241	0.3165	0.4172	0.7028	U
0216-E	FS	NFS	Gamma	Th-232	1.274	0.2864	0.4544	
0216-E	FS	NFS	Gamma	U-235	0.1464	0.0643	0.106	
0216-E	FS	NFS	Gamma	U-238	0.6847	9.858	10.76	U
0216-E-DUP	FD	NFS	Gamma	Am-241	-0.288	-0.3045	0.5199	U
0216-E-DUP	FD	NFS	Gamma	Th-232	1.389	0.2898	0.4689	
0216-E-DUP	FD	NFS	Gamma	U-235	0.1623	0.0629	0.1045	
0216-E-DUP	FD	NFS	Gamma	U-238	-4.918	-7.412	12.71	U
0217-A	FS	PARAGON	LSC	Tc-99	0.31	0.93	1.54	U
0217-A	FS	PARAGON	LSC	Pu-241	1.8	2.9	4.8	U
0217-A	FS	PARAGON	Gamma	Am-241	-1.04	0.83	1.54	U
0217-A	FS	PARAGON	Gamma	Th-232	0.68	0.22	0.46	
0217-A	FS	PARAGON	Gamma	U-235	0.4	0.25	0.37	
0217-A	FS	PARAGON	Alpha	Am-241	0.05	0.021	0.005	J
0217-A	FS	PARAGON	Alpha	Pu-238	0.01	0.012	0.02	U
0217-A	FS	PARAGON	Alpha	Pu-239/240	0.19	0.046	0.004	
0217-A	FS	PARAGON	Alpha	Pu-242	0.015	0.011	0.006	
0217-A	FS	PARAGON	Alpha	Th-230	0.55	0.11	0.05	
0217-A	FS	PARAGON	Alpha	Th-232	0.65	0.13	0.02	
0217-A	FS	PARAGON	Alpha	U-233/234	14	2.4	0	
0217-A	FS	PARAGON	Alpha	U-235	0.57	0.16	0.04	
0217-A	FS	PARAGON	Alpha	U-238	1.28	0.27	0.04	
0217-A	FS	NFS	Gamma	Am-241	-0.1658	-0.3349	0.5709	U
0217-A	FS	NFS	Gamma	Th-232	0.8808	0.2017	0.3226	
0217-A	FS	NFS	Gamma	U-235	0.5081	0.0527	0.0806	
0217-A	FS	NFS	Gamma	U-238	-1.379	-5.458	9.344	U
0217-B	FS	NFS	Gamma	Am-241	0.4585	0.2526	0.4212	
0217-B	FS	NFS	Gamma	Th-232	0.7628	0.2596	0.434	
0217-B	FS	NFS	Gamma	U-235	0.1488	0.0525	0.0864	
0217-B	FS	NFS	Gamma	U-238	-8.052	-18.12	10.53	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0217-C	FS	NFS	Gamma	Am-241	0.0765	0.3453	0.5849	U
0217-C	FS	NFS	Gamma	Th-232	1.157	0.2389	0.3815	
0217-C	FS	NFS	Gamma	U-235	0.0548	0.0585	0.0984	U
0217-C	FS	NFS	Gamma	U-238	8.945	5.309	8.803	
0217-D	FS	NFS	Gamma	Am-241	0.1537	0.2863	0.4833	U
0217-D	FS	NFS	Gamma	Th-232	1.31	0.2943	0.4765	
0217-D	FS	NFS	Gamma	U-235	0.1151	0.0557	0.0928	
0217-D	FS	NFS	Gamma	U-238	1.877	5.9	10.01	U
0217-E	FS	NFS	Gamma	Am-241	-0.0558	-0.3606	0.6125	U
0217-E	FS	NFS	Gamma	Th-232	1.035	0.2757	0.4469	
0217-E	FS	NFS	Gamma	U-235	0.0477	0.0578	0.0952	U
0217-E	FS	NFS	Gamma	U-238	2.743	5.295	8.961	U
0218-A	FS	NFS	Gamma	Am-241	0.1283	0.2926	0.4942	U
0218-A	FS	NFS	Gamma	Th-232	1.141	0.2593	0.418	
0218-A	FS	NFS	Gamma	U-235	0.5854	0.0592	0.0922	
0218-A	FS	NFS	Gamma	U-238	1.632	6.294	10.68	U
0218-B	FS	NFS	Gamma	Am-241	-0.1606	-0.3645	0.6212	U
0218-B	FS	NFS	Gamma	Th-232	0.7467	0.2562	0.4229	
0218-B	FS	NFS	Gamma	U-235	0.0858	0.0538	0.0898	U
0218-B	FS	NFS	Gamma	U-238	7.254	5.727	9.477	U
0218-C	FS	NFS	Gamma	Am-241	0.0702	0.2619	0.4431	U
0218-C	FS	NFS	Gamma	Th-232	1.907	0.2333	0.3565	
0218-C	FS	NFS	Gamma	U-235	0.1534	0.055	0.0908	
0218-C	FS	NFS	Gamma	U-238	7.451	5.202	8.454	U
0218-D	FS	NFS	Gamma	Am-241	-0.4019	-0.3878	0.6632	U
0218-D	FS	NFS	Gamma	Th-232	0.8768	0.2465	0.4027	
0218-D	FS	NFS	Gamma	U-235	0.1567	0.0543	0.0898	
0218-D	FS	NFS	Gamma	U-238	0.6291	5.542	9.437	U
0218-E	FS	NFS	Gamma	Am-241	0.1641	0.2489	0.4198	U
0218-E	FS	NFS	Gamma	Th-232	1.359	0.225	0.3533	
0218-E	FS	NFS	Gamma	U-235	0.0587	0.0522	0.0877	U
0218-E	FS	NFS	Gamma	U-238	-6.158	-7.174	12.31	U
0218-E-DUP	FD	NFS	Gamma	Am-241	-0.0312	-0.3599	0.6112	U
0218-E-DUP	FD	NFS	Gamma	Th-232	0.7633	0.2556	0.42	
0218-E-DUP	FD	NFS	Gamma	U-235	0.1364	0.0527	0.0873	
0218-E-DUP	FD	NFS	Gamma	U-238	3.133	4.597	10.54	U
0218-F	FS	NFS	Gamma	Am-241	-0.3113	-0.3378	0.5773	U
0218-F	FS	NFS	Gamma	Th-232	1.308	0.33	0.5337	
0218-F	FS	NFS	Gamma	U-235	0.0739	0.0713	0.1196	U
0218-F	FS	NFS	Gamma	U-238	6.346	9.847	16.58	U
0219-A	FS	NFS	Gamma	Am-241	0.2165	0.3543	0.5977	U
0219-A	FS	NFS	Gamma	Th-232	0.8564	0.2113	0.3356	
0219-A	FS	NFS	Gamma	U-235	0.2783	0.0507	0.081	
0219-A	FS	NFS	Gamma	U-238	0.1978	6.084	10.36	U
0219-B	FS	NFS	Gamma	Am-241	-0.0226	-0.2641	0.4483	U
0219-B	FS	NFS	Gamma	Th-232	1.599	0.2378	0.3673	
0219-B	FS	NFS	Gamma	U-235	0.0334	0.0566	0.0956	U
0219-B	FS	NFS	Gamma	U-238	2.643	6.764	11.46	U
0219-C	FS	PARAGON	LSC	Tc-99	0.2	1	1.7	U
0219-C	FS	PARAGON	LSC	Pu-241	0.5	3	5	U
0219-C	FS	PARAGON	Gamma	Am-241	-0.07	0.11	0.2	U
0219-C	FS	PARAGON	Gamma	Th-232	0.87	0.5	0.64	J
0219-C	FS	PARAGON	Gamma	U-235	-0.03	0.33	0.6	U
0219-C	FS	PARAGON	Alpha	Am-241	0.008	0.016	0.029	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0219-C	FS	PARAGON	Alpha	Pu-238	0.002	0.011	0.006	U
0219-C	FS	PARAGON	Alpha	Pu-239/240	0.007	0.011	0.006	J
0219-C	FS	PARAGON	Alpha	Pu-242	0	0.0099	0.0243	U
0219-C	FS	PARAGON	Alpha	Th-230	0.5	0.11	0.05	
0219-C	FS	PARAGON	Alpha	Th-232	0.77	0.15	0.02	
0219-C	FS	PARAGON	Alpha	U-233/234	1.59	0.32	0.04	
0219-C	FS	PARAGON	Alpha	U-235	0.039	0.034	0.036	
0219-C	FS	PARAGON	Alpha	U-238	0.59	0.15	0.03	
0219-C	FS	NFS	Gamma	Am-241	0.6347	0.3452	0.5739	
0219-C	FS	NFS	Gamma	Th-232	0.8699	0.2639	0.413	
0219-C	FS	NFS	Gamma	U-235	0.0587	0.0552	0.0927	U
0219-C	FS	NFS	Gamma	U-238	6.671	5.728	10.16	U
0219-D	FS	NFS	Gamma	Am-241	-0.1852	-0.2286	0.464	U
0219-D	FS	NFS	Gamma	Th-232	0.9614	0.3183	0.524	
0219-D	FS	NFS	Gamma	U-235	-0.0377	-0.0589	0.1003	U
0219-D	FS	NFS	Gamma	U-238	2.287	7.254	12.29	U
0219-E	FS	NFS	Gamma	Am-241	-0.1813	-0.3738	0.6368	U
0219-E	FS	NFS	Gamma	Th-232	1.14	0.2392	0.3757	
0219-E	FS	NFS	Gamma	U-235	0.1679	0.0551	0.0904	
0219-E	FS	NFS	Gamma	U-238	-10.07	-40.07	11.77	U
0220-A	FS	NFS	Gamma	Am-241	-0.2313	-0.2455	0.4196	U
0220-A	FS	NFS	Gamma	Th-232	0.7466	0.23	0.3784	
0220-A	FS	NFS	Gamma	U-235	0.439	0.0561	0.0894	
0220-A	FS	NFS	Gamma	U-238	0.0702	6.768	11.52	U
0220-B	FS	NFS	Gamma	Am-241	0.4876	0.3161	0.5275	U
0220-B	FS	NFS	Gamma	Th-232	0.7827	0.2119	0.3344	
0220-B	FS	NFS	Gamma	U-235	-0.0035	-0.0514	0.0873	U
0220-B	FS	NFS	Gamma	U-238	1.81	5.977	10.14	U
0220-C	FS	NFS	Gamma	Am-241	0.4617	0.3546	0.5999	U
0220-C	FS	NFS	Gamma	Th-232	1.92	0.4441	0.7319	
0220-C	FS	NFS	Gamma	U-235	0.0311	0.0571	0.0963	U
0220-C	FS	NFS	Gamma	U-238	3.766	5.429	8.871	U
0220-D	FS	NFS	Gamma	Am-241	0.2502	0.3797	0.6402	U
0220-D	FS	NFS	Gamma	Th-232	2.018	0.2185	0.3236	
0220-D	FS	NFS	Gamma	U-235	0.0962	0.0553	0.0924	
0220-D	FS	NFS	Gamma	U-238	0.3018	5.112	8.718	U
0220-D-DUP	FD	NFS	Gamma	Am-241	-0.0021	-0.389	0.6583	U
0220-D-DUP	FD	NFS	Gamma	Th-232	1.849	0.458	0.7555	
0220-D-DUP	FD	NFS	Gamma	U-235	0.0921	0.0588	0.097	U
0220-D-DUP	FD	NFS	Gamma	U-238	-13.43	-38.22	10.18	U
0220-E	FS	NFS	Gamma	Am-241	-0.7219	0.4123	0.7082	U
0220-E	FS	NFS	Gamma	Th-232	1.182	0.2974	0.473	
0220-E	FS	NFS	Gamma	U-235	0.0516	0.0546	0.0918	U
0220-E	FS	NFS	Gamma	U-238	-8.854	-7.169	12.41	U
0221-A	FS	PARAGON	LSC	Tc-99	1.6	1.3	2	U
0221-A	FS	PARAGON	LSC	Pu-241	1.9	2.7	4.4	U
0221-A	FS	PARAGON	Gamma	Am-241	0.68	0.94	1.55	U
0221-A	FS	PARAGON	Gamma	Th-232	0.67	0.38	0.59	J
0221-A	FS	PARAGON	Gamma	U-235	0.73	0.43	0.6	J
0221-A	FS	PARAGON	Alpha	Am-241	0.174	0.047	0.015	
0221-A	FS	PARAGON	Alpha	Pu-238	0.023	0.014	0.005	J
0221-A	FS	PARAGON	Alpha	Pu-239/240	0.57	0.11	0.01	
0221-A	FS	PARAGON	Alpha	Pu-242	0.018	0.012	0.013	J
0221-A	FS	PARAGON	Alpha	Th-230	0.58	0.12	0.05	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0221-A	FS	PARAGON	Alpha	Th-232	0.85	0.16	0.01	
0221-A	FS	PARAGON	Alpha	U-233/234	10.2	1.8	0	
0221-A	FS	PARAGON	Alpha	U-235	0.43	0.14	0.02	
0221-A	FS	PARAGON	Alpha	U-238	1.3	0.29	0.02	
0221-A	FS	NFS	Gamma	Am-241	0.677	0.3452	0.5763	
0221-A	FS	NFS	Gamma	Th-232	1.344	0.4325	0.7189	
0221-A	FS	NFS	Gamma	U-235	0.3373	0.0541	0.087	
0221-A	FS	NFS	Gamma	U-238	1.315	4.969	8.443	U
0221-A	LR	PARAGON	LSC	Tc-99	2.1	1.3	2	
0221-B	FS	NFS	Gamma	Am-241	0.2462	0.331	0.5577	U
0221-B	FS	NFS	Gamma	Th-232	1.367	0.2019	0.3087	
0221-B	FS	NFS	Gamma	U-235	0.1491	0.0566	0.0888	
0221-B	FS	NFS	Gamma	U-238	-4.093	-5.735	9.888	U
0221-C	FS	NFS	Gamma	Am-241	0.0863	0.3462	0.5851	U
0221-C	FS	NFS	Gamma	Th-232	1.812	0.4262	0.7013	
0221-C	FS	NFS	Gamma	U-235	0.0929	0.0528	0.0879	
0221-C	FS	NFS	Gamma	U-238	1.797	4.976	8.44	U
0221-D	FS	NFS	Gamma	Am-241	0.2212	0.636	0.6093	U
0221-D	FS	NFS	Gamma	Th-232	1.304	0.2359	0.3743	
0221-D	FS	NFS	Gamma	U-235	0.002	0.0545	0.0924	U
0221-D	FS	NFS	Gamma	U-238	-0.0947	-9.649	9.513	U
0221-E	FS	NFS	Gamma	Am-241	-0.0855	-0.3995	0.6769	U
0221-E	FS	NFS	Gamma	Th-232	1.609	0.5068	0.8407	
0221-E	FS	NFS	Gamma	U-235	0.044	0.0618	0.1039	U
0221-E	FS	NFS	Gamma	U-238	0.6169	6.193	10.54	U
0222-A	FS	NFS	Gamma	Am-241	-0.1876	-0.3673	0.6266	U
0222-A	FS	NFS	Gamma	Th-232	1.127	0.2078	0.3221	
0222-A	FS	NFS	Gamma	U-235	0.2377	0.0489	0.0779	
0222-A	FS	NFS	Gamma	U-238	1.319	4.851	8.419	U
0222-B	FS	NFS	Gamma	Am-241	-0.1923	-0.2579	0.4397	U
0222-B	FS	NFS	Gamma	Th-232	1.031	0.2165	0.3447	
0222-B	FS	NFS	Gamma	U-235	0.1956	0.0553	0.0908	
0222-B	FS	NFS	Gamma	U-238	4.505	6.02	9.481	U
0222-C	FS	NFS	Gamma	Am-241	-0.1809	-0.7817	1.329	U
0222-C	FS	NFS	Gamma	Th-232	1.979	0.4073	0.6477	
0222-C	FS	NFS	Gamma	U-235	0.4629	0.1481	0.2447	
0222-C	FS	NFS	Gamma	U-238	2.591	6.516	14.76	U
0222-D	FS	NFS	Gamma	Am-241	-0.1948	-0.2617	0.4459	U
0222-D	FS	NFS	Gamma	Th-232	0.9873	0.2339	0.3791	
0222-D	FS	NFS	Gamma	U-235	0.1	0.0536	0.0895	
0222-D	FS	NFS	Gamma	U-238	-1.805	-5.606	9.587	U
0222-D-DUP	FD	NFS	Gamma	Am-241	-0.5367	-0.3697	0.6337	U
0222-D-DUP	FD	NFS	Gamma	Th-232	1.314	0.2476	0.3951	
0222-D-DUP	FD	NFS	Gamma	U-235	0.1383	0.0523	0.0867	
0222-D-DUP	FD	NFS	Gamma	U-238	0.2317	8.48	9.476	U
0222-E	FS	NFS	Gamma	Am-241	-0.4553	-0.2718	0.4659	U
0222-E	FS	NFS	Gamma	Th-232	1.065	0.2291	0.3668	
0222-E	FS	NFS	Gamma	U-235	0.1295	0.0533	0.0884	
0222-E	FS	NFS	Gamma	U-238	-0.7048	-5.868	10	U
0223-A	FS	NFS	Gamma	Am-241	-0.5719	-0.3273	0.5639	U
0223-A	FS	NFS	Gamma	Th-232	0.7225	0.2237	0.3649	
0223-A	FS	NFS	Gamma	U-235	0.3864	0.0522	0.082	
0223-A	FS	NFS	Gamma	U-238	7.535	4.367	7.219	
0223-B	FS	NFS	Gamma	Am-241	0.0988	0.2547	0.4306	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0223-B	FS	NFS	Gamma	Th-232	0.9062	0.236	0.3805	
0223-B	FS	NFS	Gamma	U-235	0.1324	0.0523	0.0869	
0223-B	FS	NFS	Gamma	U-238	6.671	5.361	8.973	U
0223-C	FS	NFS	Gamma	Am-241	-0.5445	-0.3626	0.622	U
0223-C	FS	NFS	Gamma	Th-232	1.373	0.2486	0.3886	
0223-C	FS	NFS	Gamma	U-235	0.0993	0.0597	0.0932	
0223-C	FS	NFS	Gamma	U-238	-4.06	-6.112	10.51	U
0223-D	FS	NFS	Gamma	Am-241	-0.085	-0.4961	0.4389	U
0223-D	FS	NFS	Gamma	Th-232	1.359	0.2092	0.3249	
0223-D	FS	NFS	Gamma	U-235	0.164	0.0524	0.0865	
0223-D	FS	NFS	Gamma	U-238	0.5352	5.214	9.623	U
0224-A	FS	NFS	Gamma	Am-241	-0.0093	-0.3464	0.5884	U
0224-A	FS	NFS	Gamma	Th-232	0.7595	0.2286	0.369	
0224-A	FS	NFS	Gamma	U-235	0.2958	0.0513	0.0806	
0224-A	FS	NFS	Gamma	U-238	-2.032	-5.078	8.728	U
0224-B	FS	NFS	Gamma	Am-241	-0.4075	-0.2526	0.4336	U
0224-B	FS	NFS	Gamma	Th-232	0.5759	0.2148	0.3489	
0224-B	FS	NFS	Gamma	U-235	0.1591	0.0516	0.0844	
0224-B	FS	NFS	Gamma	U-238	1.546	5.112	8.681	U
0224-C	FS	PARAGON	LSC	Tc-99	0.7	1.1	1.8	U
0224-C	FS	PARAGON	LSC	Pu-241	-0.5	3	5.1	U
0224-C	FS	PARAGON	Gamma	Am-241	-0.73	0.65	1.15	U
0224-C	FS	PARAGON	Gamma	Th-232	0.91	0.33	0.62	
0224-C	FS	PARAGON	Gamma	U-235	-0.4	0.42	1.07	U
0224-C	FS	PARAGON	Alpha	Am-241	0	0.016	0.009	U
0224-C	FS	PARAGON	Alpha	Pu-238	0.006	0.011	0.019	U
0224-C	FS	PARAGON	Alpha	Pu-239/240	0.01	0.011	0.015	U
0224-C	FS	PARAGON	Alpha	Pu-242	0.008	0.016	0.03	U
0224-C	FS	PARAGON	Alpha	Th-230	0.71	0.14	0.04	
0224-C	FS	PARAGON	Alpha	Th-232	1.11	0.2	0.01	
0224-C	FS	PARAGON	Alpha	U-233/234	1.5	0.31	0.06	
0224-C	FS	PARAGON	Alpha	U-235	0.106	0.058	0.043	J
0224-C	FS	PARAGON	Alpha	U-238	0.72	0.18	0.04	
0224-C	FS	NFS	Gamma	Am-241	0.0313	0.3468	0.5979	U
0224-C	FS	NFS	Gamma	Th-232	1.777	0.2585	0.3956	
0224-C	FS	NFS	Gamma	U-235	0.1384	0.0553	0.0917	
0224-C	FS	NFS	Gamma	U-238	-3.275	-5.899	10.14	U
0224-D	FS	NFS	Gamma	Am-241	-0.5096	-0.2842	0.4869	U
0224-D	FS	NFS	Gamma	Th-232	1.735	0.2414	0.3769	
0224-D	FS	NFS	Gamma	U-235	0.0853	0.0534	0.0895	U
0224-D	FS	NFS	Gamma	U-238	-1.72	-4.56	11.66	U
0224-E	FS	NFS	Gamma	Am-241	-0.1496	-0.4073	0.693	U
0224-E	FS	NFS	Gamma	Th-232	1.049	0.2735	0.4408	
0224-E	FS	NFS	Gamma	U-235	0.0962	0.0667	0.1118	U
0224-E	FS	NFS	Gamma	U-238	6.132	5.383	9.016	U
0224-E-DUP	FD	NFS	Gamma	Am-241	-0.1786	-0.292	0.4972	U
0224-E-DUP	FD	NFS	Gamma	Th-232	1.167	0.2908	0.4721	
0224-E-DUP	FD	NFS	Gamma	U-235	0.0238	0.0587	0.0987	U
0224-E-DUP	FD	NFS	Gamma	U-238	-2.092	-7.806	13.3	U
0225-A	FS	PARAGON	LSC	Tc-99	0.3	1.2	1.9	U
0225-A	FS	PARAGON	LSC	Pu-241	0.3	2.6	4.4	U
0225-A	FS	PARAGON	Gamma	Am-241	0.1	0.51	0.9	U
0225-A	FS	PARAGON	Gamma	Th-232	0.96	0.52	0.6	J
0225-A	FS	PARAGON	Gamma	U-235	0.4	0.4	0.64	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0225-A	FS	PARAGON	Alpha	Am-241	0.031	0.017	0.014	
0225-A	FS	PARAGON	Alpha	Pu-238	0.0052	0.0086	0.0047	J
0225-A	FS	PARAGON	Alpha	Pu-239/240	0.047	0.02	0.013	
0225-A	FS	PARAGON	Alpha	Pu-242	0.007	0.01	0.018	U
0225-A	FS	PARAGON	Alpha	Th-230	0.319	0.073	0.043	
0225-A	FS	PARAGON	Alpha	Th-232	0.56	0.11	0.01	
0225-A	FS	PARAGON	Alpha	U-233/234	7.9	1.5	0.1	
0225-A	FS	PARAGON	Alpha	U-235	0.22	0.11	0.03	
0225-A	FS	PARAGON	Alpha	U-238	1.05	0.28	0.05	
0225-A	FS	NFS	Gamma	Am-241	0.108	0.3793	0.6419	U
0225-A	FS	NFS	Gamma	Th-232	0.6541	0.247	0.4072	
0225-A	FS	NFS	Gamma	U-235	0.4403	0.0621	0.0986	
0225-A	FS	NFS	Gamma	U-238	-0.9265	-5.64	7.941	U
0225-A	LR	PARAGON	Gamma	Am-241	0.06	0.13	0.22	U
0225-A	LR	PARAGON	Gamma	Th-232	0.82	0.36	0.62	J
0225-A	LR	PARAGON	Gamma	U-235	0.41	0.41	0.65	U
0225-A	LR	PARAGON	Alpha	Am-241	0.04	0.021	0.02	
0225-A	LR	PARAGON	Alpha	Pu-238	-0.0019	0.0092	0.0137	U
0225-A	LR	PARAGON	Alpha	Pu-239/240	0.052	0.021	0.005	
0225-A	LR	PARAGON	Alpha	U-233/234	6.7	1.2	0.1	
0225-A	LR	PARAGON	Alpha	U-235	0.191	0.086	0.057	
0225-A	LR	PARAGON	Alpha	U-238	0.8	0.2	0.05	
0225-B	FS	NFS	Gamma	Am-241	-0.506	-0.2585	0.4441	U
0225-B	FS	NFS	Gamma	Th-232	1.015	0.2046	0.324	
0225-B	FS	NFS	Gamma	U-235	0.3547	0.0513	0.082	
0225-B	FS	NFS	Gamma	U-238	2.462	6.303	10.5	U
0225-C	FS	NFS	Gamma	Am-241	0.554	0.3851	0.6436	U
0225-C	FS	NFS	Gamma	Th-232	1.528	0.256	0.401	
0225-C	FS	NFS	Gamma	U-235	0.0692	0.0714	0.117	U
0225-C	FS	NFS	Gamma	U-238	-2.848	-5.865	10.09	U
0225-D	FS	NFS	Gamma	Am-241	-0.0785	-0.2815	0.4782	U
0225-D	FS	NFS	Gamma	Th-232	1.004	0.2356	0.3804	
0225-D	FS	NFS	Gamma	U-235	0.1334	0.0529	0.0878	
0225-D	FS	NFS	Gamma	U-238	2.62	6.534	11.06	U
0225-E	FS	NFS	Gamma	Am-241	-0.4223	-0.3626	0.6206	U
0225-E	FS	NFS	Gamma	Th-232	0.9097	0.2572	0.4179	
0225-E	FS	NFS	Gamma	U-235	0.1098	0.0621	0.1039	
0225-E	FS	NFS	Gamma	U-238	-5.517	-5.456	9.448	U
0226-A	FS	NFS	Gamma	Am-241	0.3052	0.243	0.4074	U
0226-A	FS	NFS	Gamma	Th-232	0.5481	0.2013	0.3295	
0226-A	FS	NFS	Gamma	U-235	0.0977	0.0478	0.0795	
0226-A	FS	NFS	Gamma	U-238	-0.7531	-6.427	10.95	U
0226-B	FS	NFS	Gamma	Am-241	0.1267	0.3369	0.5697	U
0226-B	FS	NFS	Gamma	Th-232	0.993	0.1866	0.2936	
0226-B	FS	NFS	Gamma	U-235	0.1439	0.055	0.0913	
0226-B	FS	NFS	Gamma	U-238	3.723	4.168	6.942	U
0226-C	FS	NFS	Gamma	Am-241	-0.0087	-0.3088	0.5235	U
0226-C	FS	NFS	Gamma	Th-232	1.644	0.2828	0.4546	
0226-C	FS	NFS	Gamma	U-235	0.121	0.062	0.1033	
0226-C	FS	NFS	Gamma	U-238	-1.712	-6.415	14.32	U
0226-D	FS	NFS	Gamma	Am-241	0.0121	0.3651	0.6192	U
0226-D	FS	NFS	Gamma	Th-232	1.004	0.2383	0.3789	
0226-D	FS	NFS	Gamma	U-235	0.142	0.0644	0.1053	
0226-D	FS	NFS	Gamma	U-238	-0.9062	-5.071	8.688	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0226-E	FS	NFS	Gamma	Am-241	-0.2019	-0.2755	0.4694	U
0226-E	FS	NFS	Gamma	Th-232	1.542	0.2129	0.3278	
0226-E	FS	NFS	Gamma	U-235	0.0363	0.0548	0.0922	U
0226-E	FS	NFS	Gamma	U-238	4.595	6.248	10.37	U
0226-E-DUP	FD	NFS	Gamma	Am-241	-0.1873	-0.355	0.6048	U
0226-E-DUP	FD	NFS	Gamma	Th-232	1.387	0.2336	0.369	
0226-E-DUP	FD	NFS	Gamma	U-235	0.1389	0.0642	0.105	
0226-E-DUP	FD	NFS	Gamma	U-238	-1.346	-7.197	8.754	U
0226-F	FS	NFS	Gamma	Am-241	-0.3206	-0.2944	0.5033	U
0226-F	FS	NFS	Gamma	Th-232	1.099	0.3001	0.4885	
0226-F	FS	NFS	Gamma	U-235	-0.0155	-0.0618	0.1055	U
0226-F	FS	NFS	Gamma	U-238	0.5042	8.22	13.96	U
0226-F-DUP	FD	NFS	Gamma	Am-241	0.101	0.3878	0.6566	U
0226-F-DUP	FD	NFS	Gamma	Th-232	1.033	0.2832	0.4604	
0226-F-DUP	FD	NFS	Gamma	U-235	0.1595	0.0726	0.1175	
0226-F-DUP	FD	NFS	Gamma	U-238	-1.767	-7.459	10.94	U
0227-A	FS	NFS	Gamma	Am-241	0.2818	0.2791	0.4693	U
0227-A	FS	NFS	Gamma	Th-232	0.763	0.2173	0.3518	
0227-A	FS	NFS	Gamma	U-235	0.2223	0.0517	0.0844	
0227-A	FS	NFS	Gamma	U-238	-3.48	-5.316	9.158	U
0227-B	FS	PARAGON	LSC	Tc-99	-0.12	0.96	1.63	U
0227-B	FS	PARAGON	LSC	Pu-241	-0.4	2.6	4.4	U
0227-B	FS	PARAGON	Gamma	Am-241	0.1	0.71	1.29	U
0227-B	FS	PARAGON	Gamma	Th-232	0.76	0.47	0.64	J
0227-B	FS	PARAGON	Gamma	U-235	0.22	0.31	0.51	U
0227-B	FS	PARAGON	Alpha	Am-241	0.008	0.01	0.006	J
0227-B	FS	PARAGON	Alpha	Pu-238	-0.004	0.0097	0.0183	U
0227-B	FS	PARAGON	Alpha	Pu-239/240	0	0.011	0.024	U
0227-B	FS	PARAGON	Alpha	Pu-242	0.0028	0.0093	0.0205	U
0227-B	FS	PARAGON	Alpha	Th-230	0.464	0.098	0.042	
0227-B	FS	PARAGON	Alpha	Th-232	0.61	0.12	0.02	
0227-B	FS	PARAGON	Alpha	U-233/234	0.6	0.15	0.05	
0227-B	FS	PARAGON	Alpha	U-235	0.043	0.036	0.042	
0227-B	FS	PARAGON	Alpha	U-238	0.35	0.11	0.02	
0227-B	FS	NFS	Gamma	Am-241	0.1795	0.3189	0.5384	U
0227-B	FS	NFS	Gamma	Th-232	1.027	0.2017	0.3181	
0227-B	FS	NFS	Gamma	U-235	0.0351	0.061	0.088	U
0227-B	FS	NFS	Gamma	U-238	1.705	5.359	9.101	U
0227-B	LR	PARAGON	LSC	Pu-241	0.5	3	5	U
0227-B	LR	PARAGON	Alpha	Pu-242	0.0077	0.0095	0.0143	U
0227-B	LR	PARAGON	Alpha	Th-230	0.457	0.097	0.044	R
0227-B	LR	PARAGON	Alpha	Th-232	0.59	0.12	0.02	
0227-C	FS	NFS	Gamma	Am-241	-0.2376	-0.3205	0.5454	U
0227-C	FS	NFS	Gamma	Th-232	1.309	0.2678	0.4313	
0227-C	FS	NFS	Gamma	U-235	0.095	0.0557	0.0931	
0227-C	FS	NFS	Gamma	U-238	5.543	5.334	8.954	U
0227-D	FS	NFS	Gamma	Am-241	0.4716	0.362	0.6063	U
0227-D	FS	NFS	Gamma	Th-232	1.876	0.2605	0.4032	
0227-D	FS	NFS	Gamma	U-235	0.168	0.0607	0.0979	
0227-D	FS	NFS	Gamma	U-238	3.289	6.392	10.11	U
0227-E	FS	NFS	Gamma	Am-241	0.4283	0.3078	0.5163	U
0227-E	FS	NFS	Gamma	Th-232	1.484	0.2765	0.4424	
0227-E	FS	NFS	Gamma	U-235	0.1137	0.0568	0.0947	
0227-E	FS	NFS	Gamma	U-238	-2.087	-6.232	10.65	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0228-A	FS	NFS	Gamma	Am-241	-0.4077	-0.3326	0.571	U
0228-A	FS	NFS	Gamma	Th-232	0.6082	0.2219	0.3638	
0228-A	FS	NFS	Gamma	U-235	0.3163	0.0515	0.0815	
0228-A	FS	NFS	Gamma	U-238	0.9567	5.541	9.433	U
0228-B	FS	NFS	Gamma	Am-241	0.0885	0.3197	0.5406	U
0228-B	FS	NFS	Gamma	Th-232	1.184	0.2668	0.4286	
0228-B	FS	NFS	Gamma	U-235	0.1825	0.0586	0.0968	
0228-B	FS	NFS	Gamma	U-238	5.389	5.505	9.249	U
0228-C	FS	NFS	Gamma	Am-241	0.2341	0.3484	0.5873	U
0228-C	FS	NFS	Gamma	Th-232	0.8059	0.2387	0.3845	
0228-C	FS	NFS	Gamma	U-235	0.2564	0.0518	0.0822	
0228-C	FS	NFS	Gamma	U-238	-2.825	-6.108	10.47	U
0228-D	FS	NFS	Gamma	Am-241	0.0807	0.3087	0.522	U
0228-D	FS	NFS	Gamma	Th-232	1.595	0.2418	0.3792	
0228-D	FS	NFS	Gamma	U-235	0.1112	0.0534	0.0889	
0228-D	FS	NFS	Gamma	U-238	2.021	7.563	9.165	U
0228-E	FS	NFS	Gamma	Am-241	0.3814	0.3701	0.6215	U
0228-E	FS	NFS	Gamma	Th-232	1.357	0.2264	0.3536	
0228-E	FS	NFS	Gamma	U-235	0.1461	0.0523	0.0866	
0228-E	FS	NFS	Gamma	U-238	1.765	6.008	10.19	U
0228-E-DUP	FD	NFS	Gamma	Am-241	0.0938	0.3246	0.5486	U
0228-E-DUP	FD	NFS	Gamma	Th-232	0.8094	0.2872	0.4736	
0228-E-DUP	FD	NFS	Gamma	U-235	0.1619	0.0557	0.0922	
0228-E-DUP	FD	NFS	Gamma	U-238	3.8	5.311	8.934	U
0229-A	FS	PARAGON	LSC	Tc-99	0.37	0.96	1.6	U
0229-A	FS	PARAGON	LSC	Pu-241	-0.5	2.7	4.5	U
0229-A	FS	PARAGON	Gamma	Am-241	0.02	0.58	0.99	U
0229-A	FS	PARAGON	Gamma	Th-232	0.64	0.26	0.51	
0229-A	FS	PARAGON	Gamma	U-235	-0.15	0.36	0.64	U
0229-A	FS	PARAGON	Alpha	Am-241	0.065	0.025	0.006	
0229-A	FS	PARAGON	Alpha	Pu-238	0.007	0.0086	0.0047	J
0229-A	FS	PARAGON	Alpha	Pu-239/240	0.139	0.038	0.013	
0229-A	FS	PARAGON	Alpha	Pu-242	0.023	0.015	0.015	
0229-A	FS	PARAGON	Alpha	Th-230	0.56	0.11	0.04	
0229-A	FS	PARAGON	Alpha	Th-232	0.73	0.14	0.01	
0229-A	FS	PARAGON	Alpha	U-233/234	7.1	1.2	0	
0229-A	FS	PARAGON	Alpha	U-235	0.203	0.08	0.04	
0229-A	FS	PARAGON	Alpha	U-238	0.83	0.19	0.04	
0229-A	FS	NFS	Gamma	Am-241	0.1568	0.3129	0.5286	U
0229-A	FS	NFS	Gamma	Th-232	0.9328	0.2186	0.3464	
0229-A	FS	NFS	Gamma	U-235	0.2017	0.0545	0.0892	
0229-A	FS	NFS	Gamma	U-238	1.689	5.309	9.015	U
0229-A-DUP	FD	PARAGON	LSC	Tc-99	-0.36	0.9	1.53	U
0229-A-DUP	FD	PARAGON	LSC	Pu-241	2.4	2.8	4.5	U
0229-A-DUP	FD	PARAGON	Gamma	Am-241	0	0.4	0.74	U
0229-A-DUP	FD	PARAGON	Gamma	Th-232	0.59	0.48	0.69	U
0229-A-DUP	FD	PARAGON	Gamma	U-235	0.23	0.36	0.59	U
0229-A-DUP	FD	PARAGON	Alpha	Am-241	0.06	0.024	0.014	
0229-A-DUP	FD	PARAGON	Alpha	Pu-238	0.0097	0.0096	0.0053	J
0229-A-DUP	FD	PARAGON	Alpha	Pu-239/240	0.169	0.046	0.018	
0229-A-DUP	FD	PARAGON	Alpha	Pu-242	0.018	0.015	0.022	U
0229-A-DUP	FD	PARAGON	Alpha	Th-230	0.5	0.1	0.04	
0229-A-DUP	FD	PARAGON	Alpha	Th-232	0.62	0.12	0.01	
0229-A-DUP	FD	PARAGON	Alpha	U-233/234	7.4	1.3	0	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0229-A-DUP	FD	PARAGON	Alpha	U-235	0.238	0.09	0.036	
0229-A-DUP	FD	PARAGON	Alpha	U-238	0.9	0.21	0.04	
0229-B	FS	NFS	Gamma	Am-241	0.2713	0.2945	0.4955	U
0229-B	FS	NFS	Gamma	Th-232	1.256	0.2275	0.3585	
0229-B	FS	NFS	Gamma	U-235	0.2072	0.0535	0.0879	
0229-B	FS	NFS	Gamma	U-238	2.72	5.557	9.17	U
0229-C	FS	NFS	Gamma	Am-241	-0.2974	-0.3909	0.6673	U
0229-C	FS	NFS	Gamma	Th-232	1.547	0.25	0.3932	
0229-C	FS	NFS	Gamma	U-235	0.0654	0.0578	0.0971	U
0229-C	FS	NFS	Gamma	U-238	1.092	6.41	10.89	U
0229-D	FS	NFS	Gamma	Am-241	0.1412	0.3009	0.508	U
0229-D	FS	NFS	Gamma	Th-232	1.143	0.2404	0.3863	
0229-D	FS	NFS	Gamma	U-235	0.0296	0.052	0.0877	U
0229-D	FS	NFS	Gamma	U-238	-4.322	-5.808	9.98	U
0229-E	FS	NFS	Gamma	Am-241	0.2562	0.3658	0.6166	U
0229-E	FS	NFS	Gamma	Th-232	0.66	0.2309	0.3776	
0229-E	FS	NFS	Gamma	U-235	0.117	0.0549	0.0886	
0229-E	FS	NFS	Gamma	U-238	0.1242	6.211	11.52	U
0230-A	FS	NFS	Gamma	Am-241	0.2394	0.2696	0.4795	U
0230-A	FS	NFS	Gamma	Th-232	0.6396	0.2648	0.4378	
0230-A	FS	NFS	Gamma	U-235	0.2196	0.0513	0.0839	
0230-A	FS	NFS	Gamma	U-238	-3.241	-5.226	9.702	U
0230-B	FS	NFS	Gamma	Am-241	0.7568	0.379	0.6294	
0230-B	FS	NFS	Gamma	Th-232	1.371	0.3077	0.4837	
0230-B	FS	NFS	Gamma	U-235	0.0241	0.0644	0.1089	U
0230-B	FS	NFS	Gamma	U-238	1.124	6.854	11.66	U
0230-C	FS	NFS	Gamma	Am-241	0.7607	0.29	0.4803	
0230-C	FS	NFS	Gamma	Th-232	1.065	0.2526	0.4084	
0230-C	FS	NFS	Gamma	U-235	0.0902	0.0549	0.0918	U
0230-C	FS	NFS	Gamma	U-238	-0.1946	-7.077	9.782	U
0230-D	FS	NFS	Gamma	Am-241	-0.2738	-0.3472	0.5922	U
0230-D	FS	NFS	Gamma	Th-232	1.328	0.2518	0.4019	
0230-D	FS	NFS	Gamma	U-235	0.1276	0.0538	0.0895	
0230-D	FS	NFS	Gamma	U-238	-8.85	-6.502	11.23	U
0230-D-DUP	FD	NFS	Gamma	Am-241	0.2093	0.2988	0.5036	U
0230-D-DUP	FD	NFS	Gamma	Th-232	1.058	0.2631	0.4283	
0230-D-DUP	FD	NFS	Gamma	U-235	0.0198	0.0548	0.0924	U
0230-D-DUP	FD	NFS	Gamma	U-238	0.8215	5.278	8.971	U
0230-E	FS	NFS	Gamma	Am-241	0.2742	0.3755	0.6327	U
0230-E	FS	NFS	Gamma	Th-232	0.7071	0.2742	0.442	
0230-E	FS	NFS	Gamma	U-235	0.1443	0.0579	0.095	
0230-E	FS	NFS	Gamma	U-238	8.479	5.848	9.75	U
0231-A	FS	NFS	Gamma	Am-241	-0.1345	-0.2642	0.4499	U
0231-A	FS	NFS	Gamma	Th-232	1.138	0.2063	0.324	
0231-A	FS	NFS	Gamma	U-235	0.6144	0.0548	0.0839	
0231-A	FS	NFS	Gamma	U-238	-1.07	-8.338	8.603	U
0231-B	FS	NFS	Gamma	Am-241	-0.1117	-0.3358	0.5721	U
0231-B	FS	NFS	Gamma	Th-232	0.421	0.2345	0.3861	
0231-B	FS	NFS	Gamma	U-235	0.5333	0.0572	0.087	
0231-B	FS	NFS	Gamma	U-238	1.134	5.2	9.572	U
0231-D	FS	NFS	Gamma	Am-241	-0.2733	-0.2782	0.4755	U
0231-D	FS	NFS	Gamma	Th-232	1.049	0.2634	0.424	
0231-D	FS	NFS	Gamma	U-235	0.2135	0.0567	0.0929	
0231-D	FS	NFS	Gamma	U-238	-2.079	-5.305	9.957	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0231-E	FS	NFS	Gamma	Am-241	-0.9184	-0.3591	0.6196	U
0231-E	FS	NFS	Gamma	Th-232	1.163	0.2715	0.4358	
0231-E	FS	NFS	Gamma	U-235	0.1226	0.0579	0.0928	
0231-E	FS	NFS	Gamma	U-238	-0.8548	-6.886	9.448	U
0232-A	FS	NFS	Gamma	Am-241	-0.3669	-0.2606	0.4469	U
0232-A	FS	NFS	Gamma	Th-232	0.5239	0.2359	0.3903	
0232-A	FS	NFS	Gamma	U-235	0.2979	0.0526	0.0848	
0232-A	FS	NFS	Gamma	U-238	-4.41	-5.258	9.074	U
0232-B	FS	NFS	Gamma	Am-241	-0.1076	-0.3549	0.605	U
0232-B	FS	NFS	Gamma	Th-232	0.9062	0.246	0.3986	
0232-B	FS	NFS	Gamma	U-235	0.0856	0.0566	0.0947	U
0232-B	FS	NFS	Gamma	U-238	2.052	5.127	8.705	U
0232-C	FS	PARAGON	LSC	Tc-99	-0.4	1	1.7	U
0232-C	FS	PARAGON	LSC	Pu-241	0	2.7	4.6	U
0232-C	FS	PARAGON	Gamma	Am-241	0.04	0.12	0.21	U
0232-C	FS	PARAGON	Gamma	Th-232	1.34	0.48	0.84	J
0232-C	FS	PARAGON	Gamma	U-235	-0.15	0.42	0.79	U
0232-C	FS	PARAGON	Alpha	Am-241	-0.003	0.014	0.026	U
0232-C	FS	PARAGON	Alpha	Pu-238	0.011	0.012	0.016	U
0232-C	FS	PARAGON	Alpha	Pu-239/240	0.015	0.013	0.016	U
0232-C	FS	PARAGON	Alpha	Pu-242	0.019	0.015	0.019	
0232-C	FS	PARAGON	Alpha	Th-230	1.02	0.2	0.05	
0232-C	FS	PARAGON	Alpha	Th-232	1.4	0.26	0.02	
0232-C	FS	PARAGON	Alpha	U-233/234	1.37	0.29	0.05	
0232-C	FS	PARAGON	Alpha	U-235	0.031	0.031	0.035	U
0232-C	FS	PARAGON	Alpha	U-238	0.81	0.19	0.05	
0232-C	FS	NFS	Gamma	Am-241	-0.3746	-0.3245	0.5545	U
0232-C	FS	NFS	Gamma	Th-232	1.789	0.2812	0.4466	
0232-C	FS	NFS	Gamma	U-235	0.0705	0.0602	0.1011	U
0232-C	FS	NFS	Gamma	U-238	-1.282	-8.369	11.1	U
0232-D	FS	NFS	Gamma	Am-241	-0.4943	-0.3556	0.6105	U
0232-D	FS	NFS	Gamma	Th-232	1.305	0.2766	0.4444	
0232-D	FS	NFS	Gamma	U-235	0.0719	0.0635	0.102	U
0232-D	FS	NFS	Gamma	U-238	-2.184	-7.847	9.904	U
0232-E	FS	NFS	Gamma	Am-241	-0.6377	-0.3257	0.5598	U
0232-E	FS	NFS	Gamma	Th-232	1.075	0.3187	0.5227	
0232-E	FS	NFS	Gamma	U-235	0.1029	0.0617	0.1033	U
0232-E	FS	NFS	Gamma	U-238	10.8	5.714	9.45	
0232-E-DUP	FD	NFS	Gamma	Am-241	-0.2535	-0.3838	0.6557	U
0232-E-DUP	FD	NFS	Gamma	Th-232	1.463	0.3116	0.4954	
0232-E-DUP	FD	NFS	Gamma	U-235	0.0292	0.071	0.12	U
0232-E-DUP	FD	NFS	Gamma	U-238	0.7503	9.14	12.32	U
0233-A	FS	PARAGON	LSC	Tc-99	0.35	0.83	1.39	UJ
0233-A	FS	PARAGON	LSC	Pu-241	1	3	5	U
0233-A	FS	PARAGON	Gamma	Am-241	0.02	0.55	0.97	U
0233-A	FS	PARAGON	Gamma	Th-232	0.6	0.3	0.57	J
0233-A	FS	PARAGON	Gamma	U-235	0.17	0.26	0.44	U
0233-A	FS	PARAGON	Alpha	Am-241	0.022	0.016	0.018	
0233-A	FS	PARAGON	Alpha	Pu-238	0.0018	0.009	0.017	U
0233-A	FS	PARAGON	Alpha	Pu-239/240	0.035	0.02	0.022	
0233-A	FS	PARAGON	Alpha	Pu-242	0.023	0.015	0.006	
0233-A	FS	PARAGON	Alpha	Th-230	0.52	0.11	0.04	
0233-A	FS	PARAGON	Alpha	Th-232	0.59	0.12	0.02	
0233-A	FS	PARAGON	Alpha	U-233/234	3.39	0.62	0.06	

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					Analytical Result	Error (2-sigma)	MDC	
0233-A	FS	PARAGON	Alpha	U-235	0.105	0.056	0.035	
0233-A	FS	PARAGON	Alpha	U-238	0.66	0.16	0.04	
0233-A	FS	NFS	Gamma	Am-241	-0.8833	-0.2758	0.4778	U
0233-A	FS	NFS	Gamma	Th-232	0.6743	0.2702	0.4463	
0233-A	FS	NFS	Gamma	U-235	0.1102	0.0537	0.089	
0233-A	FS	NFS	Gamma	U-238	-4.735	-5.39	9.314	U
0233-A	LR	PARAGON	LSC	Tc-99	1.02	0.91	1.45	U
0233-B	FS	NFS	Gamma	Am-241	-0.702	-0.3859	0.6646	U
0233-B	FS	NFS	Gamma	Th-232	1.228	0.2831	0.4517	
0233-B	FS	NFS	Gamma	U-235	0.0806	0.0637	0.1059	U
0233-B	FS	NFS	Gamma	U-238	6.883	5.371	9.297	U
0233-C	FS	NFS	Gamma	Am-241	0.4311	0.311	0.5338	U
0233-C	FS	NFS	Gamma	Th-232	2.096	0.3041	0.4769	
0233-C	FS	NFS	Gamma	U-235	0.0859	0.0666	0.1119	U
0233-C	FS	NFS	Gamma	U-238	7.679	6.744	14.8	U
0233-D	FS	NFS	Gamma	Am-241	-0.6084	-0.4018	0.6886	U
0233-D	FS	NFS	Gamma	Th-232	1.303	0.2871	0.4547	
0233-D	FS	NFS	Gamma	U-235	0.1443	0.0569	0.0943	
0233-D	FS	NFS	Gamma	U-238	-0.6142	-5.671	9.689	U
0233-E	FS	NFS	Gamma	Am-241	-0.0079	-0.278	0.4713	U
0233-E	FS	NFS	Gamma	Th-232	1.416	0.2318	0.3638	
0233-E	FS	NFS	Gamma	U-235	0.0619	0.0534	0.0897	U
0233-E	FS	NFS	Gamma	U-238	3.246	7.368	12.46	U
0233-F	FS	NFS	Gamma	Am-241	-0.7246	-0.4207	0.7225	U
0233-F	FS	NFS	Gamma	Th-232	1.325	0.2844	0.4532	
0233-F	FS	NFS	Gamma	U-235	0.1134	0.0614	0.1024	
0233-F	FS	NFS	Gamma	U-238	4.203	5.795	9.777	U
0234-A	FS	NFS	Gamma	Am-241	0.2322	0.2661	0.4479	U
0234-A	FS	NFS	Gamma	Th-232	1.143	0.2588	0.4172	
0234-A	FS	NFS	Gamma	U-235	0.3066	0.0546	0.0884	
0234-A	FS	NFS	Gamma	U-238	4.846	7.54	12.72	U
0234-B	FS	NFS	Gamma	Am-241	-0.6808	-0.371	0.6375	U
0234-B	FS	NFS	Gamma	Th-232	1.489	0.2494	0.3934	
0234-B	FS	NFS	Gamma	U-235	0.3924	0.0597	0.0948	
0234-B	FS	NFS	Gamma	U-238	4.921	5.924	8.116	U
0234-C	FS	NFS	Gamma	Am-241	-0.1106	-0.2893	0.4916	U
0234-C	FS	NFS	Gamma	Th-232	1.835	0.2429	0.3746	
0234-C	FS	NFS	Gamma	U-235	0.1811	0.0542	0.0895	
0234-C	FS	NFS	Gamma	U-238	14.72	6.607	10.94	
0234-D	FS	NFS	Gamma	Am-241	-0.5433	-0.3975	0.6802	U
0234-D	FS	NFS	Gamma	Th-232	1.584	0.2647	0.4127	
0234-D	FS	NFS	Gamma	U-235	0.2431	0.0566	0.0918	
0234-D	FS	NFS	Gamma	U-238	1.238	1.949	9.196	U
0234-D-DUP	FD	NFS	Gamma	Am-241	-0.1018	-0.2658	0.4517	U
0234-D-DUP	FD	NFS	Gamma	Th-232	2	0.2311	0.3502	
0234-D-DUP	FD	NFS	Gamma	U-235	0.0902	0.0549	0.0918	U
0234-D-DUP	FD	NFS	Gamma	U-238	4.598	5.229	11.91	U
0234-E	FS	NFS	Gamma	Am-241	-0.4884	-0.3623	0.6204	U
0234-E	FS	NFS	Gamma	Th-232	1.652	0.2113	0.3224	
0234-E	FS	NFS	Gamma	U-235	0.146	0.052	0.0854	
0234-E	FS	NFS	Gamma	U-238	-0.9291	-5.266	9.004	U
0234-F	FS	NFS	Gamma	Am-241	0.2743	0.4808	0.8113	U
0234-F	FS	NFS	Gamma	Th-232	1.275	0.3528	0.5657	
0234-F	FS	NFS	Gamma	U-235	0.0896	0.0686	0.115	U

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					Analytical Result	Error (2-sigma)	MDC	
0234-F	FS	NFS	Gamma	U-238	6.214	6.569	11.04	U
0235-A	FS	NFS	Gamma	Am-241	0.4669	0.2789	0.4661	
0235-A	FS	NFS	Gamma	Th-232	1.366	0.2934	0.4733	
0235-A	FS	NFS	Gamma	U-235	0.2815	0.0565	0.092	
0235-A	FS	NFS	Gamma	U-238	-5.666	-5.414	9.38	U
0235-B	FS	NFS	Gamma	Am-241	-0.1318	-0.3925	0.6674	U
0235-B	FS	NFS	Gamma	Th-232	1.528	0.2606	0.4137	
0235-B	FS	NFS	Gamma	U-235	0.146	0.0513	0.0845	
0235-B	FS	NFS	Gamma	U-238	-1.975	-4.826	8.307	U
0235-C	FS	NFS	Gamma	Am-241	-0.0594	-0.298	0.5057	U
0235-C	FS	NFS	Gamma	Th-232	2.264	0.2579	0.3909	
0235-C	FS	NFS	Gamma	U-235	0.0627	0.0606	0.1025	U
0235-C	FS	NFS	Gamma	U-238	-3.632	-5.429	9.348	U
0235-D	FS	NFS	Gamma	Am-241	-0.1006	-0.3787	0.6438	U
0235-D	FS	NFS	Gamma	Th-232	1.411	0.2717	0.4349	
0235-D	FS	NFS	Gamma	U-235	0.1034	0.0521	0.0869	
0235-D	FS	NFS	Gamma	U-238	-13.39	-5.975	10.47	U
0236-A	FS	NFS	Gamma	Am-241	0.0842	0.2641	0.4465	U
0236-A	FS	NFS	Gamma	Th-232	1.508	0.2539	0.4036	
0236-A	FS	NFS	Gamma	U-235	0.2103	0.0542	0.089	
0236-A	FS	NFS	Gamma	U-238	-5.583	-3.121	9.73	U
0236-B	FS	PARAGON	LSC	Tc-99	0.2	1.1	1.8	U
0236-B	FS	PARAGON	LSC	Pu-241	0.3	3	5	U
0236-B	FS	PARAGON	Gamma	Am-241	0.11	0.5	0.89	U
0236-B	FS	PARAGON	Gamma	Th-232	0.97	0.36	0.63	
0236-B	FS	PARAGON	Gamma	U-235	-0.01	0.33	0.61	U
0236-B	FS	PARAGON	Alpha	Am-241	0.011	0.011	0.006	J
0236-B	FS	PARAGON	Alpha	Pu-238	-0.003	0.014	0.022	U
0236-B	FS	PARAGON	Alpha	Pu-239/240	0.015	0.02	0.032	U
0236-B	FS	PARAGON	Alpha	Pu-242	0.008	0.01	0.015	U
0236-B	FS	PARAGON	Alpha	Th-230	0.78	0.16	0.06	
0236-B	FS	PARAGON	Alpha	Th-232	1.21	0.23	0.02	
0236-B	FS	PARAGON	Alpha	U-233/234	1.99	0.41	0.1	
0236-B	FS	PARAGON	Alpha	U-235	0.096	0.062	0.063	
0236-B	FS	PARAGON	Alpha	U-238	0.93	0.22	0.06	
0236-B	FS	NFS	Gamma	Am-241	-0.2179	-0.4027	0.6862	U
0236-B	FS	NFS	Gamma	Th-232	1.124	0.2862	0.4653	
0236-B	FS	NFS	Gamma	U-235	0.1227	0.055	0.0909	
0236-B	FS	NFS	Gamma	U-238	-4.144	-7.47	9.816	U
0236-B	LR	PARAGON	Gamma	Am-241	0.04	0.11	0.18	U
0236-B	LR	PARAGON	Gamma	Th-232	0.83	0.37	0.59	J
0236-B	LR	PARAGON	Gamma	U-235	-0.37	0.33	0.67	U
0236-C	FS	NFS	Gamma	Am-241	-0.1131	-0.3013	0.5118	U
0236-C	FS	NFS	Gamma	Th-232	2.575	0.288	0.4429	
0236-C	FS	NFS	Gamma	U-235	0.0983	0.0592	0.0991	U
0236-C	FS	NFS	Gamma	U-238	-4.053	-5.661	9.737	U
0236-D	FS	NFS	Gamma	Am-241	0.1628	0.3675	0.6209	U
0236-D	FS	NFS	Gamma	Th-232	1.454	0.2529	0.4016	
0236-D	FS	NFS	Gamma	U-235	0.1325	0.0484	0.08	
0236-D	FS	NFS	Gamma	U-238	0.1223	5.274	8.994	U
0236-D-DUP	FD	NFS	Gamma	Am-241	-0.1399	-0.2872	0.4884	U
0236-D-DUP	FD	NFS	Gamma	Th-232	1.867	0.2445	0.3781	
0236-D-DUP	FD	NFS	Gamma	U-235	0.0366	0.054	0.0906	U
0236-D-DUP	FD	NFS	Gamma	U-238	-4.811	-5.23	9.026	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0236-E	FS	NFS	Gamma	Am-241	-0.1711	-0.3554	0.6052	U
0236-E	FS	NFS	Gamma	Th-232	1.437	0.2244	0.3519	
0236-E	FS	NFS	Gamma	U-235	0.013	0.0492	0.0821	U
0236-E	FS	NFS	Gamma	U-238	-3.926	-4.916	8.496	U
0236-F	FS	NFS	Gamma	Am-241	0.0583	0.2971	0.5028	U
0236-F	FS	NFS	Gamma	Th-232	1.191	0.2995	0.4852	
0236-F	FS	NFS	Gamma	U-235	0.1552	0.0616	0.1024	
0236-F	FS	NFS	Gamma	U-238	-17.35	-7.024	12.3	U
0237-A	FS	PARAGON	LSC	Tc-99	-0.1	1	1.7	U
0237-A	FS	PARAGON	LSC	Pu-241	0.3	2.6	4.4	U
0237-A	FS	PARAGON	Gamma	Am-241	-0.01	0.87	1.6	U
0237-A	FS	PARAGON	Gamma	Th-232	0.8	0.51	0.69	J
0237-A	FS	PARAGON	Gamma	U-235	0.3	0.38	0.62	U
0237-A	FS	PARAGON	Alpha	Am-241	0.056	0.023	0.014	
0237-A	FS	PARAGON	Alpha	Pu-238	0.0039	0.0097	0.0053	U
0237-A	FS	PARAGON	Alpha	Pu-239/240	0.112	0.035	0.005	
0237-A	FS	PARAGON	Alpha	Pu-242	0.0074	0.0094	0.0152	U
0237-A	FS	PARAGON	Alpha	Th-230	0.5	0.1	0.05	
0237-A	FS	PARAGON	Alpha	Th-232	0.64	0.12	0.02	
0237-A	FS	PARAGON	Alpha	U-233/234	6.9	1.2	0.1	
0237-A	FS	PARAGON	Alpha	U-235	0.203	0.086	0.065	
0237-A	FS	PARAGON	Alpha	U-238	0.78	0.19	0.06	
0237-A	FS	NFS	Gamma	Am-241	0.4941	0.3232	0.5447	U
0237-A	FS	NFS	Gamma	Th-232	1.089	0.2474	0.3923	
0237-A	FS	NFS	Gamma	U-235	0.26	0.0518	0.0834	
0237-A	FS	NFS	Gamma	U-238	-5.206	-3.795	8.999	U
0237-B	FS	NFS	Gamma	Am-241	-0.1019	-0.2914	0.4953	U
0237-B	FS	NFS	Gamma	Th-232	1.719	0.2758	0.4333	
0237-B	FS	NFS	Gamma	U-235	0.0406	0.0618	0.1034	U
0237-B	FS	NFS	Gamma	U-238	-0.3199	-6.771	11.53	U
0237-C	FS	NFS	Gamma	Am-241	-0.2107	-0.3634	0.6195	U
0237-C	FS	NFS	Gamma	Th-232	0.8574	0.2625	0.407	
0237-C	FS	NFS	Gamma	U-235	0.0782	0.0495	0.0823	U
0237-C	FS	NFS	Gamma	U-238	6.787	5.393	8.52	U
0237-D	FS	NFS	Gamma	Am-241	0.123	0.2565	0.4332	U
0237-D	FS	NFS	Gamma	Th-232	1.505	0.2531	0.4009	
0237-D	FS	NFS	Gamma	U-235	0.0169	0.0546	0.0922	U
0237-D	FS	NFS	Gamma	U-238	0.4766	6.112	10.39	U
0237-E	FS	NFS	Gamma	Am-241	-0.4175	-0.3861	0.6604	U
0237-E	FS	NFS	Gamma	Th-232	1.178	0.2321	0.3682	
0237-E	FS	NFS	Gamma	U-235	0.085	0.0536	0.0896	U
0237-E	FS	NFS	Gamma	U-238	-1.353	-4.349	10.2	U
0238-A	FS	NFS	Gamma	Am-241	-0.4968	-0.2606	0.4478	U
0238-A	FS	NFS	Gamma	Th-232	1.01	0.2708	0.4436	
0238-A	FS	NFS	Gamma	U-235	0.1545	0.053	0.0876	
0238-A	FS	NFS	Gamma	U-238	-6.69	-7.839	10.81	U
0238-B	FS	NFS	Gamma	Am-241	0.0605	0.3861	0.6543	U
0238-B	FS	NFS	Gamma	Th-232	0.9673	0.2839	0.4556	
0238-B	FS	NFS	Gamma	U-235	0.1946	0.0601	0.0973	
0238-B	FS	NFS	Gamma	U-238	5.112	5.876	9.89	U
0238-C	FS	NFS	Gamma	Am-241	0.1271	0.2549	0.4297	U
0238-C	FS	NFS	Gamma	Th-232	1.175	0.258	0.4212	
0238-C	FS	NFS	Gamma	U-235	0.0904	0.0525	0.0877	
0238-C	FS	NFS	Gamma	U-238	-13.93	-12.23	11.65	U

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					Analytical Result	Error (2-sigma)	MDC	
0238-C-DUP	FD	NFS	Gamma	Am-241	-0.463	-0.3952	0.6766	U
0238-C-DUP	FD	NFS	Gamma	Th-232	1.001	0.2389	0.3851	
0238-C-DUP	FD	NFS	Gamma	U-235	0.05	0.0545	0.0901	U
0238-C-DUP	FD	NFS	Gamma	U-238	4.334	5.177	8.717	U
0238-D	FS	NFS	Gamma	Am-241	0.0966	0.2808	0.4747	U
0238-D	FS	NFS	Gamma	Th-232	1.562	0.276	0.439	
0238-D	FS	NFS	Gamma	U-235	0.1872	0.0573	0.0945	
0238-D	FS	NFS	Gamma	U-238	-16.5	-11.64	12.17	U
0238-E	FS	NFS	Gamma	Am-241	-0.0481	-0.379	0.6437	U
0238-E	FS	NFS	Gamma	Th-232	1.419	0.2445	0.387	
0238-E	FS	NFS	Gamma	U-235	0.0224	0.0575	0.0968	U
0238-E	FS	NFS	Gamma	U-238	-6.643	-6.178	10.68	U
0239-A	FS	NFS	Gamma	Am-241	-0.2106	-0.2458	0.4199	U
0239-A	FS	NFS	Gamma	Th-232	1.329	0.2199	0.3415	
0239-A	FS	NFS	Gamma	U-235	0.1051	0.0552	0.0919	
0239-A	FS	NFS	Gamma	U-238	-1.971	-6.175	10.56	U
0239-B	FS	NFS	Gamma	Am-241	0.2189	0.3486	0.588	U
0239-B	FS	NFS	Gamma	Th-232	0.8156	0.2595	0.3884	
0239-B	FS	NFS	Gamma	U-235	0.0465	0.0572	0.0963	U
0239-B	FS	NFS	Gamma	U-238	6.003	5.281	8.847	U
0239-C	FS	NFS	Gamma	Am-241	0.0613	0.268	0.4537	U
0239-C	FS	NFS	Gamma	Th-232	1.732	0.2537	0.3951	
0239-C	FS	NFS	Gamma	U-235	0.0723	0.0582	0.0978	U
0239-C	FS	NFS	Gamma	U-238	-6.479	-6.976	11.99	U
0239-D	FS	NFS	Gamma	Am-241	-0.5482	-0.4409	0.754	U
0239-D	FS	NFS	Gamma	Th-232	1.458	0.2961	0.4669	
0239-D	FS	NFS	Gamma	U-235	0.0809	0.068	0.1041	U
0239-D	FS	NFS	Gamma	U-238	-2.156	-6.232	10.67	U
0239-E	FS	NFS	Gamma	Am-241	0.0123	0.2594	0.4397	U
0239-E	FS	NFS	Gamma	Th-232	1.17	0.262	0.4234	
0239-E	FS	NFS	Gamma	U-235	0.0306	0.0525	0.0885	U
0239-E	FS	NFS	Gamma	U-238	3.636	5.645	9.519	U
0240-A	FS	NFS	Gamma	Am-241	-0.0939	-0.3627	0.6171	U
0240-A	FS	NFS	Gamma	Th-232	0.7013	0.2344	0.3837	
0240-A	FS	NFS	Gamma	U-235	0.0472	0.0603	0.0978	U
0240-A	FS	NFS	Gamma	U-238	-2.617	-5.279	9.09	U
0240-B	FS	NFS	Gamma	Am-241	0.3247	0.2909	0.4885	U
0240-B	FS	NFS	Gamma	Th-232	1.966	0.2949	0.4624	
0240-B	FS	NFS	Gamma	U-235	0.0692	0.0604	0.1015	U
0240-B	FS	NFS	Gamma	U-238	-3.592	-7.25	12.41	U
0240-C	FS	NFS	Gamma	Am-241	-0.2145	-0.3788	0.6453	U
0240-C	FS	NFS	Gamma	Th-232	1.582	0.2674	0.4185	
0240-C	FS	NFS	Gamma	U-235	0.1954	0.0604	0.0955	
0240-C	FS	NFS	Gamma	U-238	1.465	6.032	10.02	U
0240-C-DUP	FD	NFS	Gamma	Am-241	0.1976	0.27	0.455	U
0240-C-DUP	FD	NFS	Gamma	Th-232	1.753	0.274	0.434	
0240-C-DUP	FD	NFS	Gamma	U-235	0.0275	0.0581	0.097	U
0240-C-DUP	FD	NFS	Gamma	U-238	5.16	6.003	10.03	U
0240-D	FS	NFS	Gamma	Am-241	-0.1251	-0.3727	0.6337	U
0240-D	FS	NFS	Gamma	Th-232	2.135	0.2227	0.3299	
0240-D	FS	NFS	Gamma	U-235	0.0732	0.055	0.0922	U
0240-D	FS	NFS	Gamma	U-238	3.33	5.815	9.309	U
0240-E	FS	NFS	Gamma	Am-241	0.0853	0.2478	0.4191	U
0240-E	FS	NFS	Gamma	Th-232	1.039	0.2275	0.3655	

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					Analytical Result	Error (2-sigma)	MDC	
0240-E	FS	NFS	Gamma	U-235	0.0506	0.0492	0.0824	U
0240-E	FS	NFS	Gamma	U-238	-1.42	-5.598	9.56	U
0241-A	FS	PARAGON	LSC	Tc-99	-0.62	0.92	1.58	U
0241-A	FS	PARAGON	LSC	Pu-241	0.7	2.5	4.3	U
0241-A	FS	PARAGON	Gamma	Am-241	-0.1	0.44	0.74	U
0241-A	FS	PARAGON	Gamma	Th-232	0.72	0.21	0.42	
0241-A	FS	PARAGON	Gamma	U-235	-0.09	0.27	0.48	U
0241-A	FS	PARAGON	Alpha	Am-241	0.019	0.013	0.006	
0241-A	FS	PARAGON	Alpha	Pu-238	-0.0017	0.0085	0.0161	U
0241-A	FS	PARAGON	Alpha	Pu-239/240	0.036	0.017	0.005	
0241-A	FS	PARAGON	Alpha	Pu-242	0.0058	0.0091	0.0163	U
0241-A	FS	PARAGON	Alpha	Th-230	0.63	0.13	0.05	
0241-A	FS	PARAGON	Alpha	Th-232	0.76	0.15	0.02	
0241-A	FS	PARAGON	Alpha	U-233/234	3.28	0.6	0.04	
0241-A	FS	PARAGON	Alpha	U-235	0.084	0.05	0.019	
0241-A	FS	PARAGON	Alpha	U-238	0.68	0.17	0.02	
0241-A	FS	NFS	Gamma	Am-241	-0.1218	-0.3566	0.607	U
0241-A	FS	NFS	Gamma	Th-232	1.211	0.2248	0.3531	
0241-A	FS	NFS	Gamma	U-235	0.0842	0.0537	0.0899	U
0241-A	FS	NFS	Gamma	U-238	7.605	4.684	7.55	
0241-A	LR	PARAGON	Alpha	Am-241	0.009	0.013	0.022	U
0241-A	LR	PARAGON	Alpha	Pu-238	0.0117	0.0097	0.0053	
0241-A	LR	PARAGON	Alpha	Pu-239/240	0.043	0.022	0.021	
0241-A	LR	PARAGON	Alpha	U-233/234	3.28	0.6	0.04	
0241-A	LR	PARAGON	Alpha	U-235	0.106	0.059	0.05	
0241-A	LR	PARAGON	Alpha	U-238	0.53	0.14	0.02	
0241-B	FS	NFS	Gamma	Am-241	0.1311	0.2973	0.5021	U
0241-B	FS	NFS	Gamma	Th-232	1.119	0.2165	0.3436	
0241-B	FS	NFS	Gamma	U-235	0.0571	0.0554	0.0928	U
0241-B	FS	NFS	Gamma	U-238	7.148	5.013	11.68	U
0241-C	FS	NFS	Gamma	Am-241	-0.8005	-0.431	0.7385	U
0241-C	FS	NFS	Gamma	Th-232	1.752	0.2574	0.4005	
0241-C	FS	NFS	Gamma	U-235	0.0262	0.0548	0.0926	U
0241-C	FS	NFS	Gamma	U-238	-3.677	-5.068	8.748	U
0241-D	FS	NFS	Gamma	Am-241	0.2348	0.3115	0.5247	U
0241-D	FS	NFS	Gamma	Th-232	1.615	0.2228	0.3422	
0241-D	FS	NFS	Gamma	U-235	0.0078	0.0564	0.0944	U
0241-D	FS	NFS	Gamma	U-238	14.07	6.067	10.02	
0241-E	FS	NFS	Gamma	Am-241	-0.0964	-0.356	0.6058	U
0241-E	FS	NFS	Gamma	Th-232	0.6111	0.285	0.4568	
0241-E	FS	NFS	Gamma	U-235	0.1526	0.0511	0.0831	
0241-E	FS	NFS	Gamma	U-238	0.8628	79	7.937	U
0242-A	FS	NFS	Gamma	Am-241	0.2586	0.2706	0.4552	U
0242-A	FS	NFS	Gamma	Th-232	0.8693	0.2016	0.3226	
0242-A	FS	NFS	Gamma	U-235	0.2845	0.0511	0.0825	
0242-A	FS	NFS	Gamma	U-238	8.638	6.074	10.15	U
0242-B	FS	NFS	Gamma	Am-241	0.4625	0.3599	0.5997	U
0242-B	FS	NFS	Gamma	Th-232	1.117	0.2724	0.4362	
0242-B	FS	NFS	Gamma	U-235	0.1758	0.0559	0.0904	
0242-B	FS	NFS	Gamma	U-238	11.87	3.637	5.734	
0242-C	FS	NFS	Gamma	Am-241	0.0368	0.2822	0.4779	U
0242-C	FS	NFS	Gamma	Th-232	0.1442	0.2485	0.43	U
0242-C	FS	NFS	Gamma	U-235	0.0661	0.0479	0.0803	U
0242-C	FS	NFS	Gamma	U-238	13.31	5.899	9.727	

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					Analytical Result	Error (2-sigma)	MDC	
0242-C-DUP	FD	NFS	Gamma	Am-241	0.0554	0.3242	0.5497	U
0242-C-DUP	FD	NFS	Gamma	Th-232	0.7865	0.2334	0.3792	
0242-C-DUP	FD	NFS	Gamma	U-235	0.1212	0.0499	0.0826	
0242-C-DUP	FD	NFS	Gamma	U-238	1.653	3.714	6.313	U
0242-D	FS	PARAGON	LSC	Tc-99	-0.1	1	1.7	U
0242-D	FS	NFS	Gamma	Am-241	-0.0015	-0.2963	0.5021	U
0242-D	FS	NFS	Gamma	Th-232	0.9239	0.2243	0.3619	
0242-D	FS	NFS	Gamma	U-235	0.0303	0.0511	0.0861	U
0242-D	FS	NFS	Gamma	U-238	8.556	6.476	10.84	U
0242-E	FS	NFS	Gamma	Am-241	-0.2307	-0.3837	0.6543	U
0242-E	FS	NFS	Gamma	Th-232	1.27	0.2797	0.4522	
0242-E	FS	NFS	Gamma	U-235	-0.0272	-0.06	0.1021	U
0242-E	FS	NFS	Gamma	U-238	2.33	5.456	8.027	U
0242-F	FS	NFS	Gamma	Am-241	0.0369	0.3098	0.5244	U
0242-F	FS	NFS	Gamma	Th-232	1.149	0.2286	0.362	
0242-F	FS	NFS	Gamma	U-235	0.0611	0.0553	0.0929	U
0242-F	FS	NFS	Gamma	U-238	10.01	6.933	11.52	U
0243-A	FS	NFS	Gamma	Am-241	-0.3366	-0.3676	0.6289	U
0243-A	FS	NFS	Gamma	Th-232	0.8314	0.2421	0.3916	
0243-A	FS	NFS	Gamma	U-235	0.0674	0.0515	0.0864	U
0243-A	FS	NFS	Gamma	U-238	9.404	3.82	6.172	
0243-B	FS	NFS	Gamma	Am-241	-0.2383	-0.3094	0.5271	U
0243-B	FS	NFS	Gamma	Th-232	1.018	0.228	0.3631	
0243-B	FS	NFS	Gamma	U-235	-0.0456	-0.0522	0.0891	U
0243-B	FS	NFS	Gamma	U-238	3.743	6.939	11.73	U
0243-C	FS	PARAGON	LSC	Tc-99	-0.58	0.99	1.7	U
0243-C	FS	PARAGON	LSC	Pu-241	0	2.9	4.9	U
0243-C	FS	PARAGON	Gamma	Am-241	-0.16	0.44	0.74	U
0243-C	FS	PARAGON	Gamma	Th-232	1.09	0.24	0.39	
0243-C	FS	PARAGON	Gamma	U-235	0.1	0.3	0.51	U
0243-C	FS	PARAGON	Alpha	Am-241	0.007	0.015	0.027	U
0243-C	FS	PARAGON	Alpha	Pu-238	-0.007	0.012	0.03	U
0243-C	FS	PARAGON	Alpha	Pu-239/240	0.002	0.011	0.017	U
0243-C	FS	PARAGON	Alpha	Pu-242	0.0057	0.0096	0.0149	U
0243-C	FS	PARAGON	Alpha	Th-230	0.67	0.14	0.05	
0243-C	FS	PARAGON	Alpha	Th-232	1.01	0.19	0.01	
0243-C	FS	PARAGON	Alpha	U-233/234	1.07	0.24	0.06	
0243-C	FS	PARAGON	Alpha	U-235	0.035	0.032	0.019	
0243-C	FS	PARAGON	Alpha	U-238	0.67	0.17	0.04	
0243-C	FS	NFS	Gamma	Am-241	-0.6446	-0.3989	0.6842	U
0243-C	FS	NFS	Gamma	Th-232	1.27	0.2851	0.4571	
0243-C	FS	NFS	Gamma	U-235	-0.0444	-0.058	0.099	U
0243-C	FS	NFS	Gamma	U-238	-4.143	-5.464	9.437	U
0243-C	LR	PARAGON	LSC	Pu-241	-0.6	2.7	4.7	U
0243-C	LR	PARAGON	Alpha	Pu-242	0.0025	0.0085	0.0188	U
0243-C	LR	PARAGON	Alpha	Th-230	0.77	0.16	0.05	R
0243-C	LR	PARAGON	Alpha	Th-232	1.17	0.22	0.01	
0243-D	FS	NFS	Gamma	Am-241	-0.2138	-0.3171	0.5394	U
0243-D	FS	NFS	Gamma	Th-232	1.589	0.2218	0.3411	
0243-D	FS	NFS	Gamma	U-235	-0.0003	-0.0551	0.0926	U
0243-D	FS	NFS	Gamma	U-238	5.868	6.806	11.46	U
0243-E	FS	NFS	Gamma	Am-241	0.0988	0.3435	0.5815	U
0243-E	FS	NFS	Gamma	Th-232	1.115	0.2326	0.3696	
0243-E	FS	NFS	Gamma	U-235	0.0018	0.0564	0.0909	U

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					Analytical Result	Error (2-sigma)	MDC	
0243-E	FS	NFS	Gamma	U-238	1.638	4.385	7.451	U
0243-F	FS	NFS	Gamma	Am-241	-0.068	-0.4108	0.6968	U
0243-F	FS	NFS	Gamma	Th-232	1.271	0.3318	0.5372	
0243-F	FS	NFS	Gamma	U-235	0.1198	0.0737	0.1233	U
0243-F	FS	NFS	Gamma	U-238	17.14	9.248	15.69	
0244-A	FS	NFS	Gamma	Am-241	0.0472	0.3519	0.5966	U
0244-A	FS	NFS	Gamma	Th-232	1.015	0.2785	0.4516	
0244-A	FS	NFS	Gamma	U-235	0.2706	0.0552	0.0886	
0244-A	FS	NFS	Gamma	U-238	8.771	3.839	6.216	
0244-A-DUP	FD	NFS	Gamma	Am-241	-0.1444	-0.3132	0.5323	U
0244-A-DUP	FD	NFS	Gamma	Th-232	1.305	0.2036	0.3139	
0244-A-DUP	FD	NFS	Gamma	U-235	0.1476	0.0555	0.0922	
0244-A-DUP	FD	NFS	Gamma	U-238	16.89	5.652	9.226	
0244-B	FS	NFS	Gamma	Am-241	0.0568	0.3698	0.6267	U
0244-B	FS	NFS	Gamma	Th-232	1.23	0.2787	0.4441	
0244-B	FS	NFS	Gamma	U-235	0.1053	0.0569	0.0929	
0244-B	FS	NFS	Gamma	U-238	2.474	19.26	8.324	U
0244-C	FS	NFS	Gamma	Am-241	-0.4919	-0.3327	0.5686	U
0244-C	FS	NFS	Gamma	Th-232	1.408	0.2419	0.3802	
0244-C	FS	NFS	Gamma	U-235	0.0657	0.0587	0.0987	U
0244-C	FS	NFS	Gamma	U-238	6.223	7.414	12.49	U
0244-D	FS	NFS	Gamma	Am-241	0.4705	0.3694	0.6187	U
0244-D	FS	NFS	Gamma	Th-232	1.294	0.3234	0.5045	
0244-D	FS	NFS	Gamma	U-235	0.1086	0.0592	0.0974	
0244-D	FS	NFS	Gamma	U-238	-1.242	-3.041	9.216	U
0245-A	FS	PARAGON	LSC	Tc-99	0.2	1	1.8	U
0245-A	FS	PARAGON	LSC	Pu-241	-4.3	5.3	9.3	U
0245-A	FS	PARAGON	Gamma	Am-241	-0.4	1	1.9	U
0245-A	FS	PARAGON	Gamma	Th-232	0.93	0.31	0.58	
0245-A	FS	PARAGON	Gamma	U-235	0.15	0.41	0.7	U
0245-A	FS	PARAGON	Alpha	Am-241	0.009	0.016	0.028	U
0245-A	FS	PARAGON	Alpha	Pu-238	-0.003	0.018	0.041	U
0245-A	FS	PARAGON	Alpha	Pu-239/240	0.064	0.031	0.009	
0245-A	FS	PARAGON	Alpha	Pu-242	0.003	0.016	0.031	U
0245-A	FS	PARAGON	Alpha	Th-230	0.74	0.14	0.04	
0245-A	FS	PARAGON	Alpha	Th-232	1.09	0.2	0.01	
0245-A	FS	PARAGON	Alpha	U-233/234	3.62	0.66	0.06	
0245-A	FS	PARAGON	Alpha	U-235	0.148	0.069	0.019	
0245-A	FS	PARAGON	Alpha	U-238	0.81	0.19	0.04	
0245-A	FS	NFS	Gamma	Am-241	-0.4184	-0.2744	0.4703	U
0245-A	FS	NFS	Gamma	Th-232	1.116	0.2379	0.3818	
0245-A	FS	NFS	Gamma	U-235	0.163	0.0566	0.0934	
0245-A	FS	NFS	Gamma	U-238	1.756	5.669	9.622	U
0245-B	FS	NFS	Gamma	Am-241	-0.7615	-0.385	0.6624	U
0245-B	FS	NFS	Gamma	Th-232	1.103	0.2519	0.4001	
0245-B	FS	NFS	Gamma	U-235	0.0813	0.0578	0.0945	U
0245-B	FS	NFS	Gamma	U-238	9.226	6.765	11.31	U
0245-C	FS	NFS	Gamma	Am-241	0.23	0.2808	0.4728	U
0245-C	FS	NFS	Gamma	Th-232	1.727	0.2622	0.4099	
0245-C	FS	NFS	Gamma	U-235	0.1348	0.0585	0.0959	
0245-C	FS	NFS	Gamma	U-238	-3.964	-6.288	10.79	U
0245-D	FS	NFS	Gamma	Am-241	-1.121	-0.4109	0.7063	U
0245-D	FS	NFS	Gamma	Th-232	1.4	0.252	0.4017	
0245-D	FS	NFS	Gamma	U-235	0.113	0.0551	0.092	

AMEC

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0245-D	FS	NFS	Gamma	U-238	16.77	6.081	9.921	
0245-E	FS	NFS	Gamma	Am-241	-0.1289	-0.245	0.4176	U
0245-E	FS	NFS	Gamma	Th-232	0.216	0.2357	0.3964	U
0245-E	FS	NFS	Gamma	U-235	-0.0187	-0.0548	0.0924	U
0245-E	FS	NFS	Gamma	U-238	2.277	4.931	9.007	U
0246-A	FS	NFS	Gamma	Am-241	0.4371	0.339	0.5679	U
0246-A	FS	NFS	Gamma	Th-232	0.7548	0.2133	0.3458	
0246-A	FS	NFS	Gamma	U-235	0.3217	0.0509	0.08	
0246-A	FS	NFS	Gamma	U-238	7.371	6.218	10.42	U
0246-B	FS	NFS	Gamma	Am-241	0.297	0.2457	0.4121	U
0246-B	FS	NFS	Gamma	Th-232	0.9477	0.1981	0.3146	
0246-B	FS	NFS	Gamma	U-235	0.0583	0.0539	0.0905	U
0246-B	FS	NFS	Gamma	U-238	-7.687	-5.841	10.12	U
0246-B-DUP	FD	NFS	Gamma	Am-241	-0.8423	-0.4049	0.6958	U
0246-B-DUP	FD	NFS	Gamma	Th-232	1.322	0.2199	0.3441	
0246-B-DUP	FD	NFS	Gamma	U-235	0.0421	0.0542	0.0899	U
0246-B-DUP	FD	NFS	Gamma	U-238	7.962	6.305	10.56	U
0246-C	FS	NFS	Gamma	Am-241	0.0048	0.2808	0.4759	U
0246-C	FS	NFS	Gamma	Th-232	1.092	0.2593	0.4187	
0246-C	FS	NFS	Gamma	U-235	0.012	0.0596	0.1002	U
0246-C	FS	NFS	Gamma	U-238	1.885	5.859	9.938	U
0246-D	FS	PARAGON	LSC	Tc-99	-0.8	0.87	1.5	U
0246-D	FS	PARAGON	LSC	Pu-241	-1	3.1	5.3	U
0246-D	FS	PARAGON	Gamma	Am-241	-0.17	0.49	0.83	U
0246-D	FS	PARAGON	Gamma	Th-232	1.17	0.28	0.47	
0246-D	FS	PARAGON	Gamma	U-235	0.15	0.31	0.52	U
0246-D	FS	PARAGON	Alpha	Am-241	0.021	0.016	0.008	
0246-D	FS	PARAGON	Alpha	Pu-238	0	0.013	0.028	U
0246-D	FS	PARAGON	Alpha	Pu-239/240	0.023	0.017	0.017	
0246-D	FS	PARAGON	Alpha	Pu-242	0.014	0.013	0.018	U
0246-D	FS	PARAGON	Alpha	Th-230	0.53	0.11	0.05	
0246-D	FS	PARAGON	Alpha	Th-232	0.91	0.17	0.02	
0246-D	FS	PARAGON	Alpha	U-233/234	0.71	0.2	0.08	
0246-D	FS	PARAGON	Alpha	U-235	0.036	0.044	0.068	U
0246-D	FS	PARAGON	Alpha	U-238	0.61	0.18	0.06	
0246-D	FS	NFS	Gamma	Am-241	-0.5754	-0.3766	0.6453	U
0246-D	FS	NFS	Gamma	Th-232	1.271	0.2647	0.4244	
0246-D	FS	NFS	Gamma	U-235	0.1848	0.0527	0.0866	
0246-D	FS	NFS	Gamma	U-238	5.542	6.78	11.42	U
0246-D	LR	PARAGON	LSC	Tc-99	-0.14	0.89	1.51	U
0246-E	FS	NFS	Gamma	Am-241	-0.2371	-0.2735	0.4669	U
0246-E	FS	NFS	Gamma	Th-232	1.257	0.2726	0.4382	
0246-E	FS	NFS	Gamma	U-235	0.007	0.0578	0.0976	U
0246-E	FS	NFS	Gamma	U-238	-0.515	-8.039	10.85	U
0247-A	FS	NFS	Gamma	Am-241	0.2062	0.5564	0.6098	U
0247-A	FS	NFS	Gamma	Th-232	1.317	0.2412	0.3803	
0247-A	FS	NFS	Gamma	U-235	0.242	0.0573	0.0925	
0247-A	FS	NFS	Gamma	U-238	2.101	4.771	8.095	U
0247-B	FS	NFS	Gamma	Am-241	-0.4015	-0.2518	0.4323	U
0247-B	FS	NFS	Gamma	Th-232	1.295	0.2322	0.3658	
0247-B	FS	NFS	Gamma	U-235	0.1118	0.0552	0.0922	
0247-B	FS	NFS	Gamma	U-238	-6.879	-5.788	10.02	U
0247-C	FS	NFS	Gamma	Am-241	-0.2405	-0.3968	0.676	U
0247-C	FS	NFS	Gamma	Th-232	1.61	0.2881	0.4591	

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0247-C	FS	NFS	Gamma	U-235	0.0133	0.0637	0.1077	U
0247-C	FS	NFS	Gamma	U-238	-1.301	-5.453	9.339	U
0247-D	FS	NFS	Gamma	Am-241	0.2913	0.2623	0.4406	U
0247-D	FS	NFS	Gamma	Th-232	1.221	0.241	0.3835	
0247-D	FS	NFS	Gamma	U-235	0.1103	0.0549	0.0916	
0247-D	FS	NFS	Gamma	U-238	0.6089	5.926	10.08	U
0247-E	FS	NFS	Gamma	Am-241	-0.6067	-0.3571	0.6131	U
0247-E	FS	NFS	Gamma	Th-232	1.123	0.2342	0.3694	
0247-E	FS	NFS	Gamma	U-235	0.1158	0.0562	0.0936	
0247-E	FS	NFS	Gamma	U-238	3.849	5.388	9.091	U
0247-F	FS	NFS	Gamma	Am-241	0.00399	0.2677	0.4539	U
0247-F	FS	NFS	Gamma	Th-232	1.04	0.2215	0.3534	
0247-F	FS	NFS	Gamma	U-235	-0.0368	-0.0561	0.0955	U
0247-F	FS	NFS	Gamma	U-238	2.216	5.292	8.967	U
0248-A	FS	PARAGON	LSC	Tc-99	-0.02	0.9	1.52	UJ
0248-A	FS	PARAGON	LSC	Pu-241	1.7	2.7	4.4	U
0248-A	FS	PARAGON	Gamma	Am-241	-0.33	0.49	0.97	U
0248-A	FS	PARAGON	Gamma	Th-232	0.84	0.4	0.65	J
0248-A	FS	PARAGON	Gamma	U-235	0	0.35	0.63	U
0248-A	FS	PARAGON	Alpha	Am-241	0.036	0.021	0.021	
0248-A	FS	PARAGON	Alpha	Pu-238	0.0057	0.0094	0.0141	U
0248-A	FS	PARAGON	Alpha	Pu-239/240	0.061	0.024	0.014	
0248-A	FS	PARAGON	Alpha	Pu-242	0.038	0.019	0.016	R
0248-A	FS	PARAGON	Alpha	Th-230	0.61	0.13	0.05	
0248-A	FS	PARAGON	Alpha	Th-232	0.76	0.15	0.02	
0248-A	FS	PARAGON	Alpha	U-233/234	4.06	0.8	0.05	
0248-A	FS	PARAGON	Alpha	U-235	0.114	0.074	0.06	
0248-A	FS	PARAGON	Alpha	U-238	0.55	0.17	0.06	
0248-A	FS	NFS	Gamma	Am-241	-0.0932	-0.3526	0.5998	U
0248-A	FS	NFS	Gamma	Th-232	0.661	0.2274	0.3724	
0248-A	FS	NFS	Gamma	U-235	0.1348	0.0581	0.0944	
0248-A	FS	NFS	Gamma	U-238	6.179	4.83	8.065	U
0248-A	LR	PARAGON	LSC	Pu-241	0.3	2.5	4.2	U
0248-A	LR	PARAGON	Alpha	Pu-242	0.042	0.02	0.013	
0248-A	LR	PARAGON	Alpha	Th-230	0.68	0.13	0.05	R
0248-A	LR	PARAGON	Alpha	Th-232	0.64	0.13	0.02	
0248-A-DUP	FD	PARAGON	LSC	Tc-99	0.07	0.91	1.53	U
0248-B	FS	NFS	Gamma	Am-241	-0.3746	-0.2893	0.4948	U
0248-B	FS	NFS	Gamma	Th-232	1.046	0.2798	0.4704	
0248-B	FS	NFS	Gamma	U-235	0.0247	0.0584	0.0986	U
0248-B	FS	NFS	Gamma	U-238	2.562	5.72	9.688	U
0248-C	FS	NFS	Gamma	Am-241	-0.5109	-0.4231	0.7234	U
0248-C	FS	NFS	Gamma	Th-232	1.701	0.2801	0.4423	
0248-C	FS	NFS	Gamma	U-235	0.1008	0.0645	0.1081	U
0248-C	FS	NFS	Gamma	U-238	1.529	5.138	9.69	U
0248-D	FS	NFS	Gamma	Am-241	-0.0989	-0.2767	0.4702	U
0248-D	FS	NFS	Gamma	Th-232	1.676	0.2516	0.3939	
0248-D	FS	NFS	Gamma	U-235	-0.0399	-0.0578	0.0985	U
0248-D	FS	NFS	Gamma	U-238	-0.595	-3.948	9.648	U
0248-D-DUP	FD	NFS	Gamma	Am-241	0.2822	0.3798	0.6398	U
0248-D-DUP	FD	NFS	Gamma	Th-232	1.453	0.2317	0.3625	
0248-D-DUP	FD	NFS	Gamma	U-235	0.1918	0.0546	0.0883	
0248-D-DUP	FD	NFS	Gamma	U-238	0.4812	5.472	9.321	U
0248-E	FS	NFS	Gamma	Am-241	-0.1296	-0.1591	0.4693	U

Survey Unit 09 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0248-E	FS	NFS	Gamma	Th-232	0.5826	0.2659	0.4401	
0248-E	FS	NFS	Gamma	U-235	0.0451	0.0557	0.0934	U
0248-E	FS	NFS	Gamma	U-238	-8.826	-6.607	11.45	U
0249-A	FS	PARAGON	LSC	Tc-99	-0.06	0.81	1.38	U
0249-A	FS	PARAGON	LSC	Pu-241	1.3	2.6	4.3	U
0249-A	FS	PARAGON	Gamma	Am-241	0.01	0.37	0.69	U
0249-A	FS	PARAGON	Gamma	Th-232	0.75	0.34	0.54	J
0249-A	FS	PARAGON	Gamma	U-235	0	0.3	0.54	U
0249-A	FS	PARAGON	Alpha	Am-241	0.072	0.031	0.008	
0249-A	FS	PARAGON	Alpha	Pu-238	0.006	0.015	0.023	U
0249-A	FS	PARAGON	Alpha	Pu-239/240	0.181	0.057	0.023	
0249-A	FS	PARAGON	Alpha	Pu-242	0.035	0.019	0.018	
0249-A	FS	PARAGON	Alpha	Th-230	0.54	0.11	0.04	
0249-A	FS	PARAGON	Alpha	Th-232	0.75	0.14	0.01	
0249-A	FS	PARAGON	Alpha	U-233/234	8.6	1.5	0	
0249-A	FS	PARAGON	Alpha	U-235	0.284	0.099	0.018	
0249-A	FS	PARAGON	Alpha	U-238	0.99	0.22	0.04	
0249-A	FS	NFS	Gamma	Am-241	0.026	0.3332	0.5652	U
0249-A	FS	NFS	Gamma	Th-232	0.6766	0.2261	0.3683	
0249-A	FS	NFS	Gamma	U-235	0.3579	0.0557	0.0875	
0249-A	FS	NFS	Gamma	U-238	-5.804	-5.56	9.642	U
0249-B	FS	NFS	Gamma	Am-241	0.2569	0.2765	0.4651	U
0249-B	FS	NFS	Gamma	Th-232	1.725	0.2447	0.3782	
0249-B	FS	NFS	Gamma	U-235	0.2654	0.0573	0.0938	
0249-B	FS	NFS	Gamma	U-238	-7.487	-16.63	10.13	U
0249-C	FS	NFS	Gamma	Am-241	-0.0051	-0.3693	0.6266	U
0249-C	FS	NFS	Gamma	Th-232	1.922	0.2392	0.3535	
0249-C	FS	NFS	Gamma	U-235	0.1094	0.0577	0.0947	
0249-C	FS	NFS	Gamma	U-238	3.156	6.705	11.35	U
0249-D	FS	NFS	Gamma	Am-241	0.4718	0.2825	0.4677	
0249-D	FS	NFS	Gamma	Th-232	2.102	0.265	0.4074	
0249-D	FS	NFS	Gamma	U-235	0.1357	0.0628	0.1053	
0249-D	FS	NFS	Gamma	U-238	-13.34	-6.809	11.85	U
0249-E	FS	NFS	Gamma	Am-241	-0.5412	-0.3436	0.5903	U
0249-E	FS	NFS	Gamma	Th-232	1.443	0.2152	0.3168	
0249-E	FS	NFS	Gamma	U-235	0.0279	0.06	0.0965	U
0249-E	FS	NFS	Gamma	U-238	6.736	6.016	10.09	U
0250-A	FS	NFS	Gamma	Am-241	0.7705	0.2556	0.4208	
0250-A	FS	NFS	Gamma	Th-232	1.222	0.2391	0.3787	
0250-A	FS	NFS	Gamma	U-235	0.3963	0.0588	0.0947	
0250-A	FS	NFS	Gamma	U-238	-10.65	-6.198	10.8	U
0250-B	FS	NFS	Gamma	Am-241	-0.3319	-0.371	0.6348	U
0250-B	FS	NFS	Gamma	Th-232	0.9225	0.2292	0.3646	
0250-B	FS	NFS	Gamma	U-235	0.3959	0.0565	0.0892	
0250-B	FS	NFS	Gamma	U-238	13.49	5.999	9.865	
0250-C	FS	NFS	Gamma	Am-241	0.4393	0.2689	0.4494	U
0250-C	FS	NFS	Gamma	Th-232	1.046	0.2937	0.4796	
0250-C	FS	NFS	Gamma	U-235	0.2788	0.0585	0.0959	
0250-C	FS	NFS	Gamma	U-238	-8.048	-6.196	10.74	U
0250-D	FS	NFS	Gamma	Am-241	0.2818	0.3671	0.6181	U
0250-D	FS	NFS	Gamma	Th-232	1.604	0.1914	0.2849	
0250-D	FS	NFS	Gamma	U-235	0.1602	0.0592	0.0933	
0250-D	FS	NFS	Gamma	U-238	12.5	5.479	8.972	
0250-E	FS	NFS	Gamma	Am-241	0.2112	0.2679	0.4512	U

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Survey Unit 09 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0250-E	FS	NFS	Gamma	Th-232	0.8361	0.2745	0.4509	
0250-E	FS	NFS	Gamma	U-235	0.1759	0.0534	0.0881	
0250-E	FS	NFS	Gamma	U-238	-10.51	-5.924	10.32	U
0250-E-DUP	FD	NFS	Gamma	Am-241	-0.2397	-3.429	0.5917	U
0250-E-DUP	FD	NFS	Gamma	Th-232	1.446	0.1736	0.2528	
0250-E-DUP	FD	NFS	Gamma	U-235	0.0487	0.054	0.0904	U
0250-E-DUP	FD	NFS	Gamma	U-238	6.909	6.019	10.09	U
EB-09	EB	PARAGON	LSC	Pu-241	1	3.9	6.5	U
EB-09	EB	PARAGON	LSC	Tc-99	0.9	6.2	10.4	U
EB-09	EB	PARAGON	Gamma	Am-241	-1.9	7.6	13.5	U
EB-09	EB	PARAGON	Gamma	Th-232	24	27	43	U
EB-09	EB	PARAGON	Gamma	U-235	26	25	40	U
EB-09	EB	PARAGON	Alpha	Am-241	-0.003	0.033	0.049	U
EB-09	EB	PARAGON	Alpha	Pu-238	0	0.022	0.017	U
EB-09	EB	PARAGON	Alpha	Pu-239/240	0.004	0.022	0.033	U
EB-09	EB	PARAGON	Alpha	Pu-242	0.016	0.027	0.053	U
EB-09	EB	PARAGON	Alpha	Th-230	0.027	0.058	0.117	U
EB-09	EB	PARAGON	Alpha	Th-232	0.003	0.019	0.029	U
EB-09	EB	PARAGON	Alpha	U-233/234	0.035	0.041	0.062	U
EB-09	EB	PARAGON	Alpha	U-235	0.008	0.042	0.065	U
EB-09	EB	PARAGON	Alpha	U-238	0.043	0.046	0.067	U
EB-09	LR	PARAGON	LSC	Tc-99	0	6.1	10.3	U

Appendix G.4

Radiological Dataset, Survey Unit 19

Survey Unit 19 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0710-A	FS	NFS	Gamma	Am-241	0.0617	0.306	0.5177	UH
0710-A	FS	NFS	Gamma	Th-232	2.303	0.3081	0.4809	JH
0710-A	FS	NFS	Gamma	U-235	0.1709	0.0589	0.0974	JH
0710-A	FS	NFS	Gamma	U-238	9.781	6.227	10.37	UH
0710-A-DUP	FD	NFS	Gamma	Am-241	-1.057	-0.4194	0.7208	UH
0710-A-DUP	FD	NFS	Gamma	Th-232	1.57	0.2829	0.4489	JH
0710-A-DUP	FD	NFS	Gamma	U-235	0.1557	0.0667	0.1043	JH
0710-A-DUP	FD	NFS	Gamma	U-238	-0.1187	-4.873	9.744	UH
0710-B	FS	NFS	Gamma	Am-241	-0.2158	-0.4077	0.6941	UH
0710-B	FS	NFS	Gamma	Th-232	1.604	0.2405	0.3759	JH
0710-B	FS	NFS	Gamma	U-235	0.1878	0.0607	0.0965	JH
0710-B	FS	NFS	Gamma	U-238	0.8105	5.84	9.931	UH
0710-C	FS	NFS	Gamma	Am-241	0.4159	0.3706	0.6217	UH
0710-C	FS	NFS	Gamma	Th-232	2.056	0.2045	0.2961	JH
0710-C	FS	NFS	Gamma	U-235	0.1318	0.0546	0.0899	JH
0710-C	FS	NFS	Gamma	U-238	0.0504	5.623	9.584	UH
0710-D	FS	NFS	Gamma	Am-241	-0.4385	-0.4468	0.7637	UH
0710-D	FS	NFS	Gamma	Th-232	0.5917	0.3294	0.5428	JH
0710-D	FS	NFS	Gamma	U-235	0.0685	0.0599	0.099	UH
0710-D	FS	NFS	Gamma	U-238	-0.7775	-6.86	11.72	UH
0710-E	FS	NFS	Gamma	Am-241	-0.0475	-0.3886	0.6605	UH
0710-E	FS	NFS	Gamma	Th-232	0.1447	0.2884	0.4648	UH
0710-E	FS	NFS	Gamma	U-235	0.0586	0.0556	0.0935	UH
0710-E	FS	NFS	Gamma	U-238	0.5875	6.535	11.13	UH
0711-A	FS	PARAGON	LSC	Tc-99	-0.3	1.1	1.9	U
0711-A	FS	PARAGON	LSC	Pu-241	2.7	2.6	4.1	U
0711-A	FS	PARAGON	Gamma	Am-241	0.16	0.61	1.07	U
0711-A	FS	PARAGON	Gamma	Th-232	1.41	0.45	0.85	
0711-A	FS	PARAGON	Gamma	U-235	0.04	0.34	0.62	U
0711-A	FS	PARAGON	Alpha	Am-241	0.021	0.021	0.031	U
0711-A	FS	PARAGON	Alpha	Pu-238	0.002	0.012	0.006	U
0711-A	FS	PARAGON	Alpha	Pu-239/240	0.033	0.019	0.006	
0711-A	FS	PARAGON	Alpha	Pu-242	0.01	0.01	0.014	U
0711-A	FS	PARAGON	Alpha	Th-230	0.92	0.18	0.06	
0711-A	FS	PARAGON	Alpha	Th-232	1.44	0.26	0.04	
0711-A	FS	PARAGON	Alpha	U-233/234	3.56	0.63	0.08	
0711-A	FS	PARAGON	Alpha	U-235	0.065	0.046	0.057	
0711-A	FS	PARAGON	Alpha	U-238	0.89	0.2	0.06	
0711-A	FS	NFS	Gamma	Am-241	-0.4462	-0.2928	0.5011	UH
0711-A	FS	NFS	Gamma	Th-232	2.13	0.247	0.371	JH
0711-A	FS	NFS	Gamma	U-235	0.4055	0.0596	0.0957	JH
0711-A	FS	NFS	Gamma	U-238	1.136	5.496	9.344	UH
0711-A	LR	PARAGON	LSC	Tc-99	-0.43	0.86	1.47	U
0711-B	FS	NFS	Gamma	Am-241	0.2705	0.3534	0.5952	UH
0711-B	FS	NFS	Gamma	Th-232	1.708	0.2311	0.3567	JH
0711-B	FS	NFS	Gamma	U-235	0.0619	0.0513	0.086	UH
0711-B	FS	NFS	Gamma	U-238	13.41	22.3	9.032	JH
0711-C	FS	NFS	Gamma	Am-241	-0.2127	-0.2545	0.4342	UH
0711-C	FS	NFS	Gamma	Th-232	0.9136	0.2478	0.4047	JH
0711-C	FS	NFS	Gamma	U-235	0.1655	0.0511	0.0836	JH
0711-C	FS	NFS	Gamma	U-238	-10.24	-6.201	10.75	UH
0711-D	FS	NFS	Gamma	Am-241	0.2973	0.3476	0.5849	UH
0711-D	FS	NFS	Gamma	Th-232	0.7992	0.2594	0.4262	JH
0711-D	FS	NFS	Gamma	U-235	0.0151	0.051	0.0862	UH

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0711-D	FS	NFS	Gamma	U-238	-0.7262	-4.99	8.537	UH
0711-E	FS	PARAGON	LSC	Tc-99	-0.84	0.86	1.47	U
0711-E	FS	PARAGON	LSC	Pu-241	2.8	2.6	4.2	U
0711-E	FS	PARAGON	Gamma	Am-241	0.1	0.47	0.82	U
0711-E	FS	PARAGON	Gamma	Th-232	1.31	0.47	0.72	J
0711-E	FS	PARAGON	Gamma	U-235	0.03	0.35	0.63	U
0711-E	FS	PARAGON	Alpha	Am-241	0.0052	0.0086	0.0047	J
0711-E	FS	PARAGON	Alpha	Pu-238	0	0.011	0.016	U
0711-E	FS	PARAGON	Alpha	Pu-239/240	0.002	0.011	0.016	U
0711-E	FS	PARAGON	Alpha	Pu-242	0.0027	0.0097	0.0207	U
0711-E	FS	PARAGON	Alpha	Th-230	0.72	0.15	0.06	
0711-E	FS	PARAGON	Alpha	Th-232	1.09	0.21	0.02	
0711-E	FS	PARAGON	Alpha	U-233/234	0.76	0.17	0.05	
0711-E	FS	PARAGON	Alpha	U-235	0.037	0.032	0.039	U
0711-E	FS	PARAGON	Alpha	U-238	0.49	0.13	0.05	
0711-E	FS	NFS	Gamma	Am-241	-0.0986	-0.2639	0.4488	UH
0711-E	FS	NFS	Gamma	Th-232	1.548	0.234	0.3657	JH
0711-E	FS	NFS	Gamma	U-235	0.0932	0.0514	0.0859	JH
0711-E	FS	NFS	Gamma	U-238	2.375	4.993	8.454	UH
0711-E	LR	PARAGON	LSC	Pu-241	3.7	2.9	4.6	U
0711-E	LR	PARAGON	Alpha	Pu-242	0.008	0.011	0.018	U
0711-E	LR	PARAGON	Alpha	Th-230	0.72	0.15	0.05	J
0711-E	LR	PARAGON	Alpha	Th-232	1.15	0.22	0.03	
0711-E-DUP	FD	PARAGON	LSC	Tc-99	-0.94	0.82	1.41	UJ
0711-F	FS	NFS	Gamma	Am-241	-0.1325	-0.3795	0.6458	UH
0711-F	FS	NFS	Gamma	Th-232	1.202	0.2116	0.3284	JH
0711-F	FS	NFS	Gamma	U-235	0.0596	0.0472	0.0782	UH
0711-F	FS	NFS	Gamma	U-238	5.843	4.356	7.213	UH
0711-G	FS	NFS	Gamma	Am-241	0.1514	0.2853	0.4814	UH
0711-G	FS	NFS	Gamma	Th-232	1.795	0.3074	0.4898	JH
0711-G	FS	NFS	Gamma	U-235	0.0453	0.0609	0.102	UH
0711-G	FS	NFS	Gamma	U-238	2.63	6.049	10.24	UH
0711-H	FS	NFS	Gamma	Am-241	-0.3341	-0.2863	0.489	UH
0711-H	FS	NFS	Gamma	Th-232	1.256	0.2529	0.4033	JH
0711-H	FS	NFS	Gamma	U-235	0.1567	0.054	0.0895	JH
0711-H	FS	NFS	Gamma	U-238	0.5337	5.959	9.835	UH
0711-H-DUP	FD	NFS	Gamma	Am-241	0.1575	0.3715	0.6277	UH
0711-H-DUP	FD	NFS	Gamma	Th-232	1.656	0.268	0.4242	JH
0711-H-DUP	FD	NFS	Gamma	U-235	0.1192	0.0599	0.0975	JH
0711-H-DUP	FD	NFS	Gamma	U-238	3.627	5.436	9.178	UH
0712-A	FS	NFS	Gamma	Am-241	0.1682	0.3445	0.6865	UH
0712-A	FS	NFS	Gamma	Th-232	1.762	0.2614	0.4055	JH
0712-A	FS	NFS	Gamma	U-235	0.1574	0.0598	0.0992	JH
0712-A	FS	NFS	Gamma	U-238	-4.231	-5.925	10.2	UH
0712-B	FS	PARAGON	LSC	Tc-99	-0.43	0.96	1.64	U
0712-B	FS	PARAGON	LSC	Pu-241	0.9	2.6	4.4	U
0712-B	FS	PARAGON	Gamma	Am-241	-0.11	0.13	0.24	U
0712-B	FS	PARAGON	Gamma	Th-232	1.21	0.47	0.78	J
0712-B	FS	PARAGON	Gamma	U-235	0.08	0.36	0.63	U
0712-B	FS	PARAGON	Alpha	Am-241	0.033	0.018	0.006	
0712-B	FS	PARAGON	Alpha	Pu-238	0	0.0091	0.0199	U
0712-B	FS	PARAGON	Alpha	Pu-239/240	0.076	0.028	0.02	
0712-B	FS	PARAGON	Alpha	Pu-242	0.021	0.016	0.02	
0712-B	FS	PARAGON	Alpha	Th-230	0.65	0.13	0.04	J

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0712-B	FS	PARAGON	Alpha	Th-232	1.01	0.18	0.02	
0712-B	FS	PARAGON	Alpha	U-233/234	2.53	0.42	0.03	
0712-B	FS	PARAGON	Alpha	U-235	0.062	0.031	0.03	
0712-B	FS	PARAGON	Alpha	U-238	0.66	0.13	0.01	
0712-B	FS	NFS	Gamma	Am-241	0.0566	0.2722	0.4606	UH
0712-B	FS	NFS	Gamma	Th-232	1.242	0.2678	0.433	JH
0712-B	FS	NFS	Gamma	U-235	0.1075	0.0542	0.09	JH
0712-B	FS	NFS	Gamma	U-238	3.39	4.267	10.75	UH
0712-C	FS	NFS	Gamma	Am-241	-0.407	-0.3936	0.673	UH
0712-C	FS	NFS	Gamma	Th-232	0.8968	0.2526	0.4121	JH
0712-C	FS	NFS	Gamma	U-235	0.0315	0.0525	0.0872	UH
0712-C	FS	NFS	Gamma	U-238	-5.298	-5.841	10.08	UH
0712-D	FS	NFS	Gamma	Am-241	0.1249	0.3703	0.4338	UH
0712-D	FS	NFS	Gamma	Th-232	0.6443	0.2734	0.4526	JH
0712-D	FS	NFS	Gamma	U-235	0.0815	0.0524	0.0877	UH
0712-D	FS	NFS	Gamma	U-238	11.56	5.356	8.844	JH
0712-E	FS	NFS	Gamma	Am-241	-0.0152	-0.3963	0.6724	UH
0712-E	FS	NFS	Gamma	Th-232	1.01	0.2589	0.4079	JH
0712-E	FS	NFS	Gamma	U-235	0.1295	0.0555	0.0916	JH
0712-E	FS	NFS	Gamma	U-238	-13.28	-7.259	12.61	UH
0712-F	FS	NFS	Gamma	Am-241	0.297	0.3084	0.5186	UH
0712-F	FS	NFS	Gamma	Th-232	0.4946	0.182	0.3006	JH
0712-F	FS	NFS	Gamma	U-235	0.1229	0.0545	0.0907	JH
0712-F	FS	NFS	Gamma	U-238	-1.099	-5.076	6.243	UH
0713-A	FS	NFS	Gamma	Am-241	-0.1661	-0.2851	0.485	UH
0713-A	FS	NFS	Gamma	Th-232	2.492	0.2887	0.445	JH
0713-A	FS	NFS	Gamma	U-235	0.2082	0.0593	0.0979	JH
0713-A	FS	NFS	Gamma	U-238	5.142	5.104	8.572	UH
0713-A-DUP	FD	NFS	Gamma	Am-241	-0.3816	-0.4268	0.7281	UH
0713-A-DUP	FD	NFS	Gamma	Th-232	2.241	0.3029	0.47	JH
0713-A-DUP	FD	NFS	Gamma	U-235	0.0634	0.0613	0.1035	UH
0713-A-DUP	FD	NFS	Gamma	U-238	-2.643	-8.545	10.31	UH
0713-B	FS	PARAGON	LSC	Tc-99	-0.27	0.95	1.61	U
0713-B	FS	PARAGON	LSC	Pu-241	2.5	2.7	4.4	U
0713-B	FS	PARAGON	Gamma	Am-241	-0.4	1.1	1.9	U
0713-B	FS	PARAGON	Gamma	Th-232	1.09	0.29	0.48	
0713-B	FS	PARAGON	Gamma	U-235	-0.29	0.33	0.61	U
0713-B	FS	PARAGON	Alpha	Am-241	0.007	0.012	0.02	U
0713-B	FS	PARAGON	Alpha	Pu-238	-0.003	0.016	0.023	U
0713-B	FS	PARAGON	Alpha	Pu-239/240	0.003	0.016	0.009	U
0713-B	FS	PARAGON	Alpha	Pu-242	0.004	0.01	0.021	U
0713-B	FS	PARAGON	Alpha	Th-230	0.63	0.15	0.06	
0713-B	FS	PARAGON	Alpha	Th-232	0.94	0.2	0.03	
0713-B	FS	PARAGON	Alpha	U-233/234	0.95	0.21	0.06	
0713-B	FS	PARAGON	Alpha	U-235	0.04	0.034	0.043	U
0713-B	FS	PARAGON	Alpha	U-238	0.66	0.16	0.03	
0713-B	FS	NFS	Gamma	Am-241	-0.1788	-0.251	0.4279	UH
0713-B	FS	NFS	Gamma	Th-232	1.071	0.2414	0.3956	JH
0713-B	FS	NFS	Gamma	U-235	0.185	0.0523	0.0861	JH
0713-B	FS	NFS	Gamma	U-238	-11.47	-6.468	11.23	UH
0713-B	LR	PARAGON	Gamma	Am-241	0.81	0.98	1.6	U
0713-B	LR	PARAGON	Gamma	Th-232	0.88	0.29	0.51	
0713-B	LR	PARAGON	Gamma	U-235	-0.06	0.34	0.6	U
0713-B	LR	PARAGON	Alpha	Am-241	0	0.0087	0.0048	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0713-B	LR	PARAGON	Alpha	Pu-238	0.005	0.012	0.007	U
0713-B	LR	PARAGON	Alpha	Pu-239/240	0.007	0.012	0.007	J
0713-B	LR	PARAGON	Alpha	U-233/234	0.89	0.19	0.05	
0713-B	LR	PARAGON	Alpha	U-235	0.028	0.025	0.015	
0713-B	LR	PARAGON	Alpha	U-238	0.67	0.16	0.05	
0713-C	FS	NFS	Gamma	Am-241	-0.1399	-0.3131	0.5336	UH
0713-C	FS	NFS	Gamma	Th-232	0.5507	0.2509	0.3946	JH
0713-C	FS	NFS	Gamma	U-235	0.0726	0.0494	0.0827	UH
0713-C	FS	NFS	Gamma	U-238	-0.488	-4.301	8.97	UH
0713-D	FS	NFS	Gamma	Am-241	0.2105	0.2966	0.4234	UH
0713-D	FS	NFS	Gamma	Th-232	1.398	0.2115	0.3277	JH
0713-D	FS	NFS	Gamma	U-235	0.0476	0.0501	0.0842	UH
0713-D	FS	NFS	Gamma	U-238	0.8436	5.612	8.557	UH
0713-E	FS	NFS	Gamma	Am-241	-0.5764	-0.4199	0.7183	UH
0713-E	FS	NFS	Gamma	Th-232	1.875	0.2327	0.3557	JH
0713-E	FS	NFS	Gamma	U-235	0.0638	0.0543	0.0901	UH
0713-E	FS	NFS	Gamma	U-238	-10.96	-4.796	9.204	UH
0713-F	FS	NFS	Gamma	Am-241	0.3614	0.2875	0.4822	UH
0713-F	FS	NFS	Gamma	Th-232	1.661	0.2174	0.329	JH
0713-F	FS	NFS	Gamma	U-235	-0.0071	-0.054	0.0917	UH
0713-F	FS	NFS	Gamma	U-238	-0.2136	-5.46	9.319	UH
0713-G	FS	NFS	Gamma	Am-241	-0.0221	-1.444	2.437	UH
0713-G	FS	NFS	Gamma	Th-232	1.311	0.2684	0.4252	JH
0713-G	FS	NFS	Gamma	U-235	0.0513	0.0543	0.0913	UH
0713-G	FS	NFS	Gamma	U-238	-3.43	-6.117	10.5	UH
0713-H	FS	NFS	Gamma	Am-241	-0.1873	-0.2713	0.4623	UH
0713-H	FS	NFS	Gamma	Th-232	1.379	0.2364	0.371	JH
0713-H	FS	NFS	Gamma	U-235	-0.000003	-0.0547	0.0928	UH
0713-H	FS	NFS	Gamma	U-238	essa is going	-5.94	10.31	UH
0713-I	FS	NFS	Gamma	Am-241	0.0863	0.2584	0.4369	UH
0713-I	FS	NFS	Gamma	Th-232	0.9552	0.2921	0.4791	JH
0713-I	FS	NFS	Gamma	U-235	-0.0273	-0.0546	0.0925	UH
0713-I	FS	NFS	Gamma	U-238	-2.943	-16.23	9.424	UH
0713-J	FS	NFS	Gamma	Am-241	-0.1647	-0.267	0.4548	UH
0713-J	FS	NFS	Gamma	Th-232	1.42	0.287	0.462	JH
0713-J	FS	NFS	Gamma	U-235	0.0939	0.0562	0.0941	UH
0713-J	FS	NFS	Gamma	U-238	-1.227	-5.184	8.882	UH
0714-A	FS	NFS	Gamma	Am-241	-0.3436	-0.3943	0.6733	UH
0714-A	FS	NFS	Gamma	Th-232	1.558	0.2437	0.3797	JH
0714-A	FS	NFS	Gamma	U-235	0.0526	0.0598	0.099	UH
0714-A	FS	NFS	Gamma	U-238	-2.995	-5.619	8.266	UH
0714-B	FS	NFS	Gamma	Am-241	-0.0018	-0.2775	0.4703	UH
0714-B	FS	NFS	Gamma	Th-232	1.847	0.2018	0.2955	JH
0714-B	FS	NFS	Gamma	U-235	0.09	0.0521	0.0871	JH
0714-B	FS	NFS	Gamma	U-238	1.465	4.632	7.866	UH
0714-C	FS	PARAGON	LSC	Tc-99	-0.53	0.95	1.62	U
0714-C	FS	PARAGON	LSC	Pu-241	5	4.4	6.9	U
0714-C	FS	PARAGON	Gamma	Am-241	-0.03	0.56	1.01	U
0714-C	FS	PARAGON	Gamma	Th-232	1.33	0.43	0.75	
0714-C	FS	PARAGON	Gamma	U-235	-0.35	0.48	0.9	U
0714-C	FS	PARAGON	Alpha	Am-241	0.0079	0.0097	0.0145	U
0714-C	FS	PARAGON	Alpha	Pu-238	-0.002	0.012	0.018	U
0714-C	FS	PARAGON	Alpha	Pu-239/240	-0.002	0.012	0.018	U
0714-C	FS	PARAGON	Alpha	Pu-242	0	0.014	0.009	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0714-C	FS	PARAGON	Alpha	Th-230	1.07	0.21	0.05	
0714-C	FS	PARAGON	Alpha	Th-232	1.49	0.28	0.03	
0714-C	FS	PARAGON	Alpha	U-233/234	1.29	0.26	0.05	
0714-C	FS	PARAGON	Alpha	U-235	0.036	0.03	0.016	
0714-C	FS	PARAGON	Alpha	U-238	0.77	0.18	0.04	
0714-C	FS	NFS	Gamma	Am-241	-0.0597	-0.389	0.6606	UH
0714-C	FS	NFS	Gamma	Th-232	1.657	0.2535	0.3976	JH
0714-C	FS	NFS	Gamma	U-235	0.0758	0.06	0.1006	UH
0714-C	FS	NFS	Gamma	U-238	-7.324	-5.003	8.748	UH
0714-D	FS	NFS	Gamma	Am-241	0.2387	0.7375	0.4449	UH
0714-D	FS	NFS	Gamma	Th-232	1.142	0.2183	0.3447	JH
0714-D	FS	NFS	Gamma	U-235	0.016	0.0512	0.0863	UH
0714-D	FS	NFS	Gamma	U-238	-3.043	-28.84	9.719	UH
0714-E	FS	NFS	Gamma	Am-241	0.1187	0.3619	0.6121	UH
0714-E	FS	NFS	Gamma	Th-232	1.37	0.2153	0.3358	JH
0714-E	FS	NFS	Gamma	U-235	0.1154	0.0512	0.085	JH
0714-E	FS	NFS	Gamma	U-238	-1.296	-4.703	8.07	UH
0714-E-DUP	FD	NFS	Gamma	Am-241	0.2458	0.257	0.4321	UH
0714-E-DUP	FD	NFS	Gamma	Th-232	1.427	0.1886	0.2836	JH
0714-E-DUP	FD	NFS	Gamma	U-235	0.133	0.0484	0.0801	JH
0714-E-DUP	FD	NFS	Gamma	U-238	-5.907	-5.059	9.438	UH
0714-F	FS	NFS	Gamma	Am-241	-0.1848	-0.369	0.6287	UH
0714-F	FS	NFS	Gamma	Th-232	1.105	0.2105	0.3324	JH
0714-F	FS	NFS	Gamma	U-235	0.0174	0.0536	0.0907	UH
0714-F	FS	NFS	Gamma	U-238	-8.986	-4.868	8.566	UH
0714-G	FS	NFS	Gamma	Am-241	-0.5353	-0.2807	0.4816	UH
0714-G	FS	NFS	Gamma	Th-232	0.6978	0.2399	0.3936	JH
0714-G	FS	NFS	Gamma	U-235	-0.0186	-0.054	0.0916	UH
0714-G	FS	NFS	Gamma	U-238	-8.028	-5.98	10.35	UH
0715-A	FS	PARAGON	LSC	Tc-99	-0.35	0.87	1.48	U
0715-A	FS	PARAGON	LSC	Pu-241	2.8	2.8	4.4	U
0715-A	FS	PARAGON	Gamma	Am-241	0.49	0.52	0.84	U
0715-A	FS	PARAGON	Gamma	Th-232	0.95	0.53	0.73	J
0715-A	FS	PARAGON	Gamma	U-235	0.07	0.31	0.54	U
0715-A	FS	PARAGON	Alpha	Am-241	0.133	0.041	0.006	
0715-A	FS	PARAGON	Alpha	Pu-238	0.014	0.011	0.005	
0715-A	FS	PARAGON	Alpha	Pu-239/240	0.362	0.078	0.014	
0715-A	FS	PARAGON	Alpha	Pu-242	0.011	0.011	0.013	U
0715-A	FS	PARAGON	Alpha	Th-230	0.71	0.13	0.04	J
0715-A	FS	PARAGON	Alpha	Th-232	0.82	0.15	0.03	
0715-A	FS	PARAGON	Alpha	U-233/234	5.17	0.82	0.02	
0715-A	FS	PARAGON	Alpha	U-235	0.126	0.042	0.019	
0715-A	FS	PARAGON	Alpha	U-238	0.91	0.17	0.02	
0715-A	FS	NFS	Gamma	Am-241	0.1816	1.277	2.154	UH
0715-A	FS	NFS	Gamma	Th-232	0.9875	0.2836	0.4633	JH
0715-A	FS	NFS	Gamma	U-235	0.1972	0.0552	0.0899	JH
0715-A	FS	NFS	Gamma	U-238	-9.203	-6.608	11.47	UH
0715-B	FS	NFS	Gamma	Am-241	0.1739	0.2827	0.4769	UH
0715-B	FS	NFS	Gamma	Th-232	0.6522	0.1688	0.2664	JH
0715-B	FS	NFS	Gamma	U-235	0.086	0.0523	0.0875	UH
0715-B	FS	NFS	Gamma	U-238	3.143	3.345	5.624	UH
0715-C	FS	NFS	Gamma	Am-241	-0.5887	-1.177	1.989	UH
0715-C	FS	NFS	Gamma	Th-232	1.178	0.2587	0.4154	JH
0715-C	FS	NFS	Gamma	U-235	0.0043	0.0556	0.0928	UH

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0715-C	FS	NFS	Gamma	U-238	-3.672	-3.572	9.991	UH
0715-D	FS	NFS	Gamma	Am-241	0.1123	1.223	2.064	UH
0715-D	FS	NFS	Gamma	Th-232	1.216	0.2735	0.4432	JH
0715-D	FS	NFS	Gamma	U-235	0.0956	0.0537	0.0865	JH
0715-D	FS	NFS	Gamma	U-238	-1.943	-7.253	9.34	UH
0715-D-DUP	FD	NFS	Gamma	Am-241	0.3041	0.2873	0.4825	UH
0715-D-DUP	FD	NFS	Gamma	Th-232	0.5907	0.1639	0.25	JH
0715-D-DUP	FD	NFS	Gamma	U-235	0.1721	0.047	0.0766	JH
0715-D-DUP	FD	NFS	Gamma	U-238	1.816	3.042	5.142	UH
0715-E	FS	NFS	Gamma	Am-241	-0.0635	-0.2815	0.4782	UH
0715-E	FS	NFS	Gamma	Th-232	0.8467	0.1663	0.2457	JH
0715-E	FS	NFS	Gamma	U-235	0.0487	0.0491	0.081	UH
0715-E	FS	NFS	Gamma	U-238	-2.289	-3.581	6.28	UH
0715-F	FS	NFS	Gamma	Am-241	-0.327	-1.23	2.077	UH
0715-F	FS	NFS	Gamma	Th-232	1.017	0.2575	0.4189	JH
0715-F	FS	NFS	Gamma	U-235	0.0194	0.0497	0.084	UH
0715-F	FS	NFS	Gamma	U-238	-2.913	-5.121	8.814	UH
0715-G	FS	NFS	Gamma	Am-241	-0.3403	-0.3779	0.6455	UH
0715-G	FS	NFS	Gamma	Th-232	1.436	0.2194	0.3395	JH
0715-G	FS	NFS	Gamma	U-235	-0.0169	-0.0553	0.0905	UH
0715-G	FS	NFS	Gamma	U-238	-9.321	-5.256	9.208	UH
0715-H	FS	NFS	Gamma	Am-241	0.0491	0.2715	0.4596	UH
0715-H	FS	NFS	Gamma	Th-232	1.465	0.2011	0.3038	JH
0715-H	FS	NFS	Gamma	U-235	-0.0583	-0.0548	0.0934	UH
0715-H	FS	NFS	Gamma	U-238	5.53	4.357	7.278	UH
0715-H-DUP	FD	NFS	Gamma	Am-241	-0.0762	-0.3408	0.5794	UH
0715-H-DUP	FD	NFS	Gamma	Th-232	0.9554	0.246	0.3947	JH
0715-H-DUP	FD	NFS	Gamma	U-235	0.0959	0.048	0.08	JH
0715-H-DUP	FD	NFS	Gamma	U-238	-5.218	-5.153	8.924	UH
0715-I	FS	NFS	Gamma	Am-241	0.0234	0.2584	0.4378	UH
0715-I	FS	NFS	Gamma	Th-232	1.152	0.1954	0.3026	JH
0715-I	FS	NFS	Gamma	U-235	0.1536	0.0538	0.089	JH
0715-I	FS	NFS	Gamma	U-238	-2.193	-5.021	8.619	UH
0715-J	FS	NFS	Gamma	Am-241	0.0028	0.2538	0.4304	UH
0715-J	FS	NFS	Gamma	Th-232	0.6127	0.2928	0.4866	JH
0715-J	FS	NFS	Gamma	U-235	0.1296	0.0508	0.0843	JH
0715-J	FS	NFS	Gamma	U-238	6.275	5.371	9.222	UH
0716-A	FS	NFS	Gamma	Am-241	-0.2622	-0.2581	0.4409	UH
0716-A	FS	NFS	Gamma	Th-232	1.739	0.2301	0.3488	JH
0716-A	FS	NFS	Gamma	U-235	0.1256	0.0547	0.0908	JH
0716-A	FS	NFS	Gamma	U-238	0.5508	3.881	11.3	UH
0716-B	FS	NFS	Gamma	Am-241	-0.1844	-0.3616	0.6163	UH
0716-B	FS	NFS	Gamma	Th-232	1.271	0.2488	0.3975	JH
0716-B	FS	NFS	Gamma	U-235	0.0335	0.0531	0.0877	UH
0716-B	FS	NFS	Gamma	U-238	11.72	4.937	8.003	JH
0716-C	FS	NFS	Gamma	Am-241	-0.4376	-0.3007	0.5141	UH
0716-C	FS	NFS	Gamma	Th-232	2.736	0.2835	0.4269	JH
0716-C	FS	NFS	Gamma	U-235	0.0094	0.0616	0.1041	UH
0716-C	FS	NFS	Gamma	U-238	4.648	6.264	10.56	UH
0716-D	FS	NFS	Gamma	Am-241	-0.0873	-0.3512	0.5972	UH
0716-D	FS	NFS	Gamma	Th-232	1.468	0.2137	0.3312	JH
0716-D	FS	NFS	Gamma	U-235	0.1066	0.0566	0.0887	JH
0716-D	FS	NFS	Gamma	U-238	3.515	5.141	8.677	UH
0716-E	FS	NFS	Gamma	Am-241	-0.185	-0.2897	0.4714	UH

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0716-E	FS	NFS	Gamma	Th-232	1.671	0.2542	0.3959	JH
0716-E	FS	NFS	Gamma	U-235	-0.0251	-0.0573	0.0968	UH
0716-E	FS	NFS	Gamma	U-238	6.14	5.373	10.1	UH
0716-F	FS	NFS	Gamma	Am-241	-0.9387	-0.4086	0.7019	UH
0716-F	FS	NFS	Gamma	Th-232	1.175	0.2645	0.4218	JH
0716-F	FS	NFS	Gamma	U-235	0.0702	0.0567	0.0905	UH
0716-F	FS	NFS	Gamma	U-238	-3.21	-6.293	10.78	UH
0716-G	FS	NFS	Gamma	Am-241	0.4015	0.4384	0.7373	UH
0716-G	FS	NFS	Gamma	Th-232	1.881	0.3193	0.5061	JH
0716-G	FS	NFS	Gamma	U-235	0.1758	0.0648	0.1074	JH
0716-G	FS	NFS	Gamma	U-238	-7.93	-7.495	12.94	UH
0716-H	FS	NFS	Gamma	Am-241	0.1081	0.4124	0.6979	UH
0716-H	FS	NFS	Gamma	Th-232	1.32	0.3269	0.5311	JH
0716-H	FS	NFS	Gamma	U-235	-0.0091	-0.0711	0.1168	UH
0716-H	FS	NFS	Gamma	U-238	-0.4718	-6.864	12.24	UH
0716-I	FS	NFS	Gamma	Am-241	0.571	0.4432	0.7424	UH
0716-I	FS	NFS	Gamma	Th-232	1.283	0.3508	0.5713	JH
0716-I	FS	NFS	Gamma	U-235	0.2286	0.0674	0.1095	JH
0716-I	FS	NFS	Gamma	U-238	-4.115	-138.1	12.84	UH
0716-J	FS	NFS	Gamma	Am-241	0.1223	0.3877	0.6562	UH
0716-J	FS	NFS	Gamma	Th-232	2.01	0.3263	0.5079	JH
0716-J	FS	NFS	Gamma	U-235	0.1373	0.0718	0.1199	JH
0716-J	FS	NFS	Gamma	U-238	1.38	7.904	13.43	UH
0717-A	FS	PARAGON	LSC	Tc-99	-0.2	0.88	1.5	U
0717-A	FS	PARAGON	LSC	Pu-241	1.6	2.5	4.1	U
0717-A	FS	PARAGON	Gamma	Am-241	0.02	0.13	0.22	U
0717-A	FS	PARAGON	Gamma	Th-232	1.32	0.44	0.56	J
0717-A	FS	PARAGON	Gamma	U-235	0.11	0.35	0.61	U
0717-A	FS	PARAGON	Alpha	Am-241	0.002	0.012	0.018	U
0717-A	FS	PARAGON	Alpha	Pu-238	0	0.013	0.02	U
0717-A	FS	PARAGON	Alpha	Pu-239/240	0.014	0.014	0.007	J
0717-A	FS	PARAGON	Alpha	Pu-242	0.0129	0.0099	0.012	
0717-A	FS	PARAGON	Alpha	Th-230	0.63	0.13	0.05	
0717-A	FS	PARAGON	Alpha	Th-232	0.92	0.18	0.01	
0717-A	FS	PARAGON	Alpha	U-233/234	1.19	0.26	0.04	
0717-A	FS	PARAGON	Alpha	U-235	0.069	0.045	0.019	
0717-A	FS	PARAGON	Alpha	U-238	0.86	0.2	0.03	
0717-A	FS	NFS	Gamma	Am-241	-0.2418	-0.2713	0.4628	UH
0717-A	FS	NFS	Gamma	Th-232	1.74	0.2603	0.4065	JH
0717-A	FS	NFS	Gamma	U-235	0.0333	0.0533	0.0894	UH
0717-A	FS	NFS	Gamma	U-238	2.726	4.514	10.21	UH
0717-B	FS	NFS	Gamma	Am-241	-0.4764	-0.3881	0.6645	UH
0717-B	FS	NFS	Gamma	Th-232	1.248	0.2415	0.3846	JH
0717-B	FS	NFS	Gamma	U-235	0.1333	0.0524	0.0869	JH
0717-B	FS	NFS	Gamma	U-238	3.277	5.737	9.699	UH
0717-C	FS	NFS	Gamma	Am-241	-0.7479	-0.2798	0.482	UH
0717-C	FS	NFS	Gamma	Th-232	1.109	0.2643	0.4274	JH
0717-C	FS	NFS	Gamma	U-235	0.0142	0.0525	0.0875	UH
0717-C	FS	NFS	Gamma	U-238	4.587	5.704	9.61	UH
0717-C-DUP	FD	NFS	Gamma	Am-241	0.3406	0.3837	0.6453	UH
0717-C-DUP	FD	NFS	Gamma	Th-232	1.33	0.2395	0.3784	JH
0717-C-DUP	FD	NFS	Gamma	U-235	0.0779	0.052	0.087	UH
0717-C-DUP	FD	NFS	Gamma	U-238	4.524	5.579	8.921	UH
0717-D	FS	NFS	Gamma	Am-241	0.2857	0.2516	0.4224	UH

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0717-D	FS	NFS	Gamma	Th-232	0.8083	0.2528	0.4131	JH
0717-D	FS	NFS	Gamma	U-235	0.0555	0.0554	0.093	UH
0717-D	FS	NFS	Gamma	U-238	0.6678	4.74	8.45	UH
0717-E	FS	NFS	Gamma	Am-241	-0.1891	-0.3574	0.6091	UH
0717-E	FS	NFS	Gamma	Th-232	0.8859	0.2358	0.3826	JH
0717-E	FS	NFS	Gamma	U-235	0.0486	0.0533	0.0896	UH
0717-E	FS	NFS	Gamma	U-238	0.7427	5.615	9.556	UH
0717-F	FS	NFS	Gamma	Am-241	0.2443	0.2839	0.4778	UH
0717-F	FS	NFS	Gamma	Th-232	0.8078	0.2683	0.4395	JH
0717-F	FS	NFS	Gamma	U-235	0.2431	0.0599	0.0984	JH
0717-F	FS	NFS	Gamma	U-238	-3.222	-6.8	11.34	UH
0717-G	FS	NFS	Gamma	Am-241	0.0089	0.2556	0.4333	UH
0717-G	FS	NFS	Gamma	Th-232	0.4987	0.2187	0.3609	JH
0717-G	FS	NFS	Gamma	U-235	-0.0217	-0.0513	0.0868	UH
0717-G	FS	NFS	Gamma	U-238	-4.014	-5.433	9.355	UH
0717-H	FS	NFS	Gamma	Am-241	-0.2118	-0.2652	0.4522	UH
0717-H	FS	NFS	Gamma	Th-232	1.257	0.2457	0.3914	JH
0717-H	FS	NFS	Gamma	U-235	0.0385	0.0503	0.0846	UH
0717-H	FS	NFS	Gamma	U-238	5.126	5.422	8.964	UH
0718-A	FS	NFS	Gamma	Am-241	0.0084	0.3453	0.5851	UH
0718-A	FS	NFS	Gamma	Th-232	0.9732	0.2312	0.3524	JH
0718-A	FS	NFS	Gamma	U-235	0.1621	0.0604	0.0999	JH
0718-A	FS	NFS	Gamma	U-238	-3.73	-4.489	7.715	UH
0718-B	FS	NFS	Gamma	Am-241	-0.116	-1.293	2.183	UH
0718-B	FS	NFS	Gamma	Th-232	1.299	0.2857	0.4564	JH
0718-B	FS	NFS	Gamma	U-235	0.1436	0.0592	0.0983	JH
0718-B	FS	NFS	Gamma	U-238	7.408	5.337	8.895	UH
0718-C	FS	NFS	Gamma	Am-241	-0.016	-0.2814	0.4772	UH
0718-C	FS	NFS	Gamma	Th-232	1.252	0.2794	0.4484	JH
0718-C	FS	NFS	Gamma	U-235	0.0276	0.0565	0.0949	UH
0718-C	FS	NFS	Gamma	U-238	6.385	5.744	9.727	UH
0718-D	FS	PARAGON	LSC	Tc-99	-0.5	1.3	2.1	U
0718-D	FS	PARAGON	LSC	Pu-241	1.2	3.5	5.8	U
0718-D	FS	PARAGON	Gamma	Am-241	-0.1	1.1	1.9	U
0718-D	FS	PARAGON	Gamma	Th-232	1.15	0.37	0.47	J
0718-D	FS	PARAGON	Gamma	U-235	-0.04	0.36	0.65	U
0718-D	FS	PARAGON	Alpha	Am-241	0.004	0.01	0.015	U
0718-D	FS	PARAGON	Alpha	Pu-238	0.002	0.0096	0.0053	U
0718-D	FS	PARAGON	Alpha	Pu-239/240	0.02	0.013	0.005	
0718-D	FS	PARAGON	Alpha	Pu-242	0.014	0.014	0.017	U
0718-D	FS	PARAGON	Alpha	Th-230	0.84	0.15	0.04	J
0718-D	FS	PARAGON	Alpha	Th-232	0.9	0.16	0.02	
0718-D	FS	PARAGON	Alpha	U-233/234	1.27	0.22	0.03	
0718-D	FS	PARAGON	Alpha	U-235	0.034	0.021	0.019	
0718-D	FS	PARAGON	Alpha	U-238	0.79	0.15	0.02	
0718-D	FS	NFS	Gamma	Am-241	-0.3546	-0.3709	0.6338	UH
0718-D	FS	NFS	Gamma	Th-232	1.418	0.248	0.3902	JH
0718-D	FS	NFS	Gamma	U-235	0.128	0.0554	0.092	JH
0718-D	FS	NFS	Gamma	U-238	2.61	7.153	9.93	UH
0718-D	LR	PARAGON	Gamma	Am-241	-0.09	0.37	0.7	U
0718-D	LR	PARAGON	Gamma	Th-232	0.88	0.4	0.6	J
0718-D	LR	PARAGON	Gamma	U-235	-0.05	0.3	0.55	U
0718-D	LR	PARAGON	Alpha	Am-241	0.008	0.014	0.008	J
0718-D	LR	PARAGON	Alpha	Pu-238	0.007	0.011	0.006	J

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0718-D	LR	PARAGON	Alpha	Pu-239/240	0.013	0.013	0.017	U
0718-D	LR	PARAGON	Alpha	U-233/234	1.39	0.24	0.01	
0718-D	LR	PARAGON	Alpha	U-235	0.04	0.022	0.008	
0718-D	LR	PARAGON	Alpha	U-238	0.79	0.15	0.01	
0718-D-DUP	FD	PARAGON	LSC	Pu-241	0.1	2.1	3.5	U
0718-D-DUP	FD	PARAGON	Gamma	Am-241	0	0.1	0.19	U
0718-D-DUP	FD	PARAGON	Gamma	Th-232	1.06	0.44	0.82	J
0718-D-DUP	FD	PARAGON	Gamma	U-235	-0.04	0.33	0.6	U
0718-D-DUP	FD	PARAGON	Alpha	Am-241	0.006	0.011	0.016	U
0718-D-DUP	FD	PARAGON	Alpha	Pu-238	-0.0039	0.0095	0.018	U
0718-D-DUP	FD	PARAGON	Alpha	Pu-239/240	0.019	0.015	0.018	
0718-D-DUP	FD	PARAGON	Alpha	Pu-242	0.013	0.013	0.02	U
0718-D-DUP	FD	PARAGON	Alpha	Th-230	0.93	0.17	0.04	J
0718-D-DUP	FD	PARAGON	Alpha	Th-232	1.11	0.2	0.02	
0718-D-DUP	FD	PARAGON	Alpha	U-233/234	1.3	0.23	0.03	
0718-D-DUP	FD	PARAGON	Alpha	U-235	0.036	0.02	0.007	
0718-D-DUP	FD	PARAGON	Alpha	U-238	0.82	0.15	0.02	
0718-D-DUP	LR	PARAGON	LSC	Pu-241	-0.1	2.8	4.8	U
0718-D-DUP	LR	PARAGON	Alpha	Pu-242	0.018	0.015	0.016	
0718-D-DUP	LR	PARAGON	Alpha	Th-230	0.73	0.13	0.04	R
0718-D-DUP	LR	PARAGON	Alpha	Th-232	1.06	0.19	0.02	
0718-E	FS	NFS	Gamma	Am-241	-0.1888	-0.276	0.47	UH
0718-E	FS	NFS	Gamma	Th-232	0.9691	0.2546	0.4142	JH
0718-E	FS	NFS	Gamma	U-235	0.0858	0.0552	0.0916	UH
0718-E	FS	NFS	Gamma	U-238	3.143	5.589	9.447	UH
0718-F	FS	NFS	Gamma	Am-241	-1.02	-0.3884	0.6675	UH
0718-F	FS	NFS	Gamma	Th-232	1.326	0.2314	0.3667	JH
0718-F	FS	NFS	Gamma	U-235	0.1248	0.0567	0.0876	JH
0718-F	FS	NFS	Gamma	U-238	7.199	4.957	8.265	UH
0718-G	FS	NFS	Gamma	Am-241	0.1222	0.2664	0.45	UH
0718-G	FS	NFS	Gamma	Th-232	1.163	0.2166	0.3418	JH
0718-G	FS	NFS	Gamma	U-235	-0.0638	-0.0521	0.0891	UH
0718-G	FS	NFS	Gamma	U-238	-0.5022	-4.625	7.908	UH
0718-H	FS	NFS	Gamma	Am-241	-0.0239	-0.3842	0.6517	UH
0718-H	FS	NFS	Gamma	Th-232	1.51	0.3263	0.5159	JH
0718-H	FS	NFS	Gamma	U-235	0.2333	0.0785	0.1295	JH
0718-H	FS	NFS	Gamma	U-238	-3.251	-8.64	14.82	UH
0719-A	FS	NFS	Gamma	Am-241	-0.6387	-0.3888	0.6666	UH
0719-A	FS	NFS	Gamma	Th-232	0.8234	0.2217	0.3569	JH
0719-A	FS	NFS	Gamma	U-235	0.1552	0.0527	0.0865	JH
0719-A	FS	NFS	Gamma	U-238	3.594	4.85	8.712	UH
0719-B	FS	PARAGON	LSC	Tc-99	0.21	0.96	1.6	U
0719-B	FS	PARAGON	LSC	Pu-241	-2.2	3.4	5.9	U
0719-B	FS	PARAGON	Gamma	Am-241	0.07	0.14	0.23	U
0719-B	FS	PARAGON	Gamma	Th-232	1.11	0.39	0.73	
0719-B	FS	PARAGON	Gamma	U-235	0.14	0.36	0.63	U
0719-B	FS	PARAGON	Alpha	Am-241	0.011	0.012	0.017	U
0719-B	FS	PARAGON	Alpha	Pu-238	0.016	0.013	0.007	
0719-B	FS	PARAGON	Alpha	Pu-239/240	0.003	0.013	0.02	U
0719-B	FS	PARAGON	Alpha	Pu-242	-0.002	0.012	0.018	U
0719-B	FS	PARAGON	Alpha	Th-230	0.66	0.14	0.05	
0719-B	FS	PARAGON	Alpha	Th-232	0.99	0.19	0.02	
0719-B	FS	PARAGON	Alpha	U-233/234	1.46	0.26	0.03	
0719-B	FS	PARAGON	Alpha	U-235	0.061	0.032	0.028	

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					Analytical Result	Error (2-sigma)	MDC	
0719-B	FS	PARAGON	Alpha	U-238	0.6	0.13	0.03	
0719-B	FS	NFS	Gamma	Am-241	-0.009	-0.2816	0.4773	U
0719-B	FS	NFS	Gamma	Th-232	1.314	0.2535	0.4083	
0719-B	FS	NFS	Gamma	U-235	0.0173	0.0539	0.0908	U
0719-B	FS	NFS	Gamma	U-238	2.034	4.329	11.85	U
0719-B	LR	PARAGON	Gamma	Am-241	0.04	0.13	0.22	U
0719-B	LR	PARAGON	Gamma	Th-232	1.17	0.46	0.7	J
0719-B	LR	PARAGON	Gamma	U-235	0.1	0.39	0.68	U
0719-C	FS	NFS	Gamma	Am-241	0.0431	0.3178	0.4387	UH
0719-C	FS	NFS	Gamma	Th-232	0.8106	0.2494	0.4074	JH
0719-C	FS	NFS	Gamma	U-235	0.0298	0.0524	0.0884	UH
0719-C	FS	NFS	Gamma	U-238	-0.657	-5.365	9.162	UH
0719-D	FS	NFS	Gamma	Am-241	0.3834	0.401	0.6739	UH
0719-D	FS	NFS	Gamma	Th-232	1.502	0.2586	0.4042	JH
0719-D	FS	NFS	Gamma	U-235	-0.0414	-0.553	0.0945	UH
0719-D	FS	NFS	Gamma	U-238	5.457	9.35	9.675	UH
0719-E	FS	NFS	Gamma	Am-241	0.2955	0.2847	0.4785	UH
0719-E	FS	NFS	Gamma	Th-232	0.6516	0.3191	0.5362	JH
0719-E	FS	NFS	Gamma	U-235	0.0885	0.0567	0.0945	UH
0719-E	FS	NFS	Gamma	U-238	-2.691	-6.069	10.41	UH
0719-F	FS	NFS	Gamma	Am-241	-0.1073	-0.3904	0.6639	UH
0719-F	FS	NFS	Gamma	Th-232	1.49	0.2668	0.4198	JH
0719-F	FS	NFS	Gamma	U-235	-0.0231	-0.0598	0.1016	UH
0719-F	FS	NFS	Gamma	U-238	-3.287	-7.072	12.12	UH
0719-G	FS	NFS	Gamma	Am-241	-0.7763	-1.689	0.6252	UH
0719-G	FS	NFS	Gamma	Th-232	1.372	0.2492	0.3955	JH
0719-G	FS	NFS	Gamma	U-235	0.0484	0.0554	0.0932	UH
0719-G	FS	NFS	Gamma	U-238	-4.89	-6.164	10.62	UH
0719-H	FS	NFS	Gamma	Am-241	-0.0226	-0.3468	0.5891	UH
0719-H	FS	NFS	Gamma	Th-232	0.6508	0.2356	0.3865	JH
0719-H	FS	NFS	Gamma	U-235	0.0486	0.0567	0.0954	UH
0719-H	FS	NFS	Gamma	U-238	-4.248	-5.605	9.683	UH
0719-I	FS	NFS	Gamma	Am-241	-0.0437	-0.2546	0.4323	UH
0719-I	FS	NFS	Gamma	Th-232	0.9544	0.3029	0.4975	JH
0719-I	FS	NFS	Gamma	U-235	0.1306	0.0526	0.0874	JH
0719-I	FS	NFS	Gamma	U-238	4.204	5.175	8.717	UH
0719-J	FS	NFS	Gamma	Am-241	0.2592	0.3268	0.5504	UH
0719-J	FS	NFS	Gamma	Th-232	1.816	0.3474	0.5546	JH
0719-J	FS	NFS	Gamma	U-235	0.1012	0.0672	0.1122	UH
0719-J	FS	NFS	Gamma	U-238	5.835	6.542	11.01	UH
0720-A	FS	NFS	Gamma	Am-241	-0.0542	-0.331	0.5615	UH
0720-A	FS	NFS	Gamma	Th-232	1.136	0.3856	0.6363	JH
0720-A	FS	NFS	Gamma	U-235	0.2186	0.0692	0.1147	JH
0720-A	FS	NFS	Gamma	U-238	-10.35	-8.606	14.81	UH
0720-A-DUP	FD	NFS	Gamma	Am-241	-0.357	-0.4522	0.7712	UH
0720-A-DUP	FD	NFS	Gamma	Th-232	2.087	0.3127	0.486	JH
0720-A-DUP	FD	NFS	Gamma	U-235	0.2577	0.0675	0.1074	JH
0720-A-DUP	FD	NFS	Gamma	U-238	2.324	7.272	11.91	UH
0720-B	FS	NFS	Gamma	Am-241	0.0764	0.2688	0.4546	UH
0720-B	FS	NFS	Gamma	Th-232	1.326	0.274	0.4414	JH
0720-B	FS	NFS	Gamma	U-235	-0.0486	-0.0588	0.1002	UH
0720-B	FS	NFS	Gamma	U-238	4.812	6.187	10.21	UH
0720-C	FS	NFS	Gamma	Am-241	-0.4251	-0.3823	0.654	UH
0720-C	FS	NFS	Gamma	Th-232	1.406	0.245	0.3877	JH

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					Analytical Result	Error (2-sigma)	MDC	
0720-C	FS	NFS	Gamma	U-235	0.1139	0.053	0.0871	JH
0720-C	FS	NFS	Gamma	U-238	-3.529	-6.424	10.28	UH
0720-D	FS	NFS	Gamma	Am-241	0.3572	0.2552	0.4274	UH
0720-D	FS	NFS	Gamma	Th-232	0.9706	0.2504	0.4062	JH
0720-D	FS	NFS	Gamma	U-235	0.0272	0.0523	0.0884	UH
0720-D	FS	NFS	Gamma	U-238	-4.231	-6.235	10.7	UH
0720-E	FS	NFS	Gamma	Am-241	0.0499	0.2706	0.6321	UH
0720-E	FS	NFS	Gamma	Th-232	0.8014	0.2697	0.4419	JH
0720-E	FS	NFS	Gamma	U-235	0.1	0.0569	0.0943	JH
0720-E	FS	NFS	Gamma	U-238	9.574	5.756	9.552	JH
0721-A	FS	NFS	Gamma	Am-241	-1.765	-0.4674	0.8012	UH
0721-A	FS	NFS	Gamma	Th-232	1.942	0.2452	0.3771	JH
0721-A	FS	NFS	Gamma	U-235	2.216	0.0802	0.1001	JH
0721-A	FS	NFS	Gamma	U-238	11.71	5.789	9.58	JH
0721-B	FS	PARAGON	LSC	Tc-99	0.61	0.89	1.45	U
0721-B	FS	PARAGON	LSC	Pu-241	0.6	10	17.4	U
0721-B	FS	PARAGON	Gamma	Am-241	-0.29	0.91	1.61	U
0721-B	FS	PARAGON	Gamma	Th-232	1.88	0.43	0.66	
0721-B	FS	PARAGON	Gamma	U-235	2.49	0.53	0.73	
0721-B	FS	PARAGON	Alpha	Am-241	0.048	0.04	0.021	
0721-B	FS	PARAGON	Alpha	Pu-238	0.004	0.0098	0.0054	U
0721-B	FS	PARAGON	Alpha	Pu-239/240	0.006	0.011	0.018	U
0721-B	FS	PARAGON	Alpha	Pu-242	0.008	0.037	0.056	U
0721-B	FS	PARAGON	Alpha	Th-230	0.97	0.3	0.26	
0721-B	FS	PARAGON	Alpha	Th-232	1.49	0.37	0.12	
0721-B	FS	PARAGON	Alpha	U-233/234	56	9.2	0.2	
0721-B	FS	PARAGON	Alpha	U-235	2.95	0.7	0.15	
0721-B	FS	PARAGON	Alpha	U-238	12.2	2.2	0.1	
0721-B	FS	NFS	Gamma	Am-241	-0.2693	-0.3507	0.596	UH
0721-B	FS	NFS	Gamma	Th-232	2.296	0.2668	0.4044	JH
0721-B	FS	NFS	Gamma	U-235	2.658	0.0845	0.11	JH
0721-B	FS	NFS	Gamma	U-238	15.24	6.928	11.5	JH
0721-B	LR	PARAGON	Alpha	Pu-238	-0.004	0.0098	0.0216	U
0721-B	LR	PARAGON	Alpha	Pu-239/240	0.002	0.0098	0.0185	U
0721-C	FS	NFS	Gamma	Am-241	-1.422	-0.4878	0.8371	UH
0721-C	FS	NFS	Gamma	Th-232	1.677	0.2706	0.4192	JH
0721-C	FS	NFS	Gamma	U-235	1.66	0.0778	0.1064	JH
0721-C	FS	NFS	Gamma	U-238	8.764	6.223	10.7	UH
0721-D	FS	NFS	Gamma	Am-241	0.2695	0.2953	0.4969	UH
0721-D	FS	NFS	Gamma	Th-232	1.621	0.2275	0.3492	JH
0721-D	FS	NFS	Gamma	U-235	0.7339	0.0622	0.0958	JH
0721-D	FS	NFS	Gamma	U-238	0.1802	7.401	12.58	UH
0721-E	FS	NFS	Gamma	Am-241	-0.4335	-0.4288	0.7316	UH
0721-E	FS	NFS	Gamma	Th-232	1.69	0.2579	0.4028	JH
0721-E	FS	NFS	Gamma	U-235	0.9524	0.0663	0.0975	JH
0721-E	FS	NFS	Gamma	U-238	6.644	5.696	9.545	UH
0721-F	FS	NFS	Gamma	Am-241	-0.8119	-0.3329	0.571	UH
0721-F	FS	NFS	Gamma	Th-232	1.238	0.2589	0.4173	JH
0721-F	FS	NFS	Gamma	U-235	1.061	0.0621	0.0908	JH
0721-F	FS	NFS	Gamma	U-238	2.993	4.531	7.573	UH
0721-G	FS	NFS	Gamma	Am-241	0.1214	0.2764	0.4668	UH
0721-G	FS	NFS	Gamma	Th-232	1.137	0.2653	0.4278	JH
0721-G	FS	NFS	Gamma	U-235	0.4011	0.0565	0.0906	JH
0721-G	FS	NFS	Gamma	U-238	3.473	5.885	9.945	UH

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					Analytical Result	Error (2-sigma)	MDC	
0721-H	FS	NFS	Gamma	Am-241	0.1732	0.3123	0.6433	UH
0721-H	FS	NFS	Gamma	Th-232	1.319	0.2306	0.3575	JH
0721-H	FS	NFS	Gamma	U-235	0.3816	0.0541	0.0856	JH
0721-H	FS	NFS	Gamma	U-238	5.433	5.511	9.266	UH
0721-I	FS	NFS	Gamma	Am-241	0.0339	0.2867	0.4853	UH
0721-I	FS	NFS	Gamma	Th-232	1.201	0.3117	0.5087	JH
0721-I	FS	NFS	Gamma	U-235	0.4374	0.0589	0.094	JH
0721-I	FS	NFS	Gamma	U-238	-8.843	-6.756	11.67	UH
0721-J	FS	NFS	Gamma	Am-241	0.3449	0.6383	1.073	UH
0721-J	FS	NFS	Gamma	Th-232	1.584	0.358	0.5773	JH
0721-J	FS	NFS	Gamma	U-235	0.0988	0.0691	0.1157	UH
0721-J	FS	NFS	Gamma	U-238	11.55	8.36	13.64	UH
0722-A	FS	NFS	Gamma	Am-241	-0.022	-0.2684	0.455	UH
0722-A	FS	NFS	Gamma	Th-232	1.159	0.2365	0.3824	JH
0722-A	FS	NFS	Gamma	U-235	0.1048	0.0553	0.0925	JH
0722-A	FS	NFS	Gamma	U-238	-1.82	-5.004	9.305	UH
0722-A-DUP	FD	NFS	Gamma	Am-241	0.3287	0.3731	0.6275	UH
0722-A-DUP	FD	NFS	Gamma	Th-232	1.129	0.2299	0.3661	JH
0722-A-DUP	FD	NFS	Gamma	U-235	0.0596	0.0518	0.0871	UH
0722-A-DUP	FD	NFS	Gamma	U-238	2.421	5.488	9.295	UH
0722-B	FS	PARAGON	LSC	Tc-99	-0.47	0.94	1.6	U
0722-B	FS	PARAGON	LSC	Pu-241	1.3	2.5	4.2	U
0722-B	FS	PARAGON	Gamma	Am-241	0.05	0.11	0.19	U
0722-B	FS	PARAGON	Gamma	Th-232	1.04	0.47	0.82	J
0722-B	FS	PARAGON	Gamma	U-235	0.25	0.45	0.76	U
0722-B	FS	PARAGON	Alpha	Am-241	0.002	0.0097	0.0183	U
0722-B	FS	PARAGON	Alpha	Pu-238	-0.005	0.011	0.025	U
0722-B	FS	PARAGON	Alpha	Pu-239/240	0.007	0.011	0.006	J
0722-B	FS	PARAGON	Alpha	Pu-242	0.007	0.0089	0.0136	U
0722-B	FS	PARAGON	Alpha	Th-230	0.81	0.17	0.05	
0722-B	FS	PARAGON	Alpha	Th-232	1.2	0.24	0.03	
0722-B	FS	PARAGON	Alpha	U-233/234	1.49	0.3	0.04	
0722-B	FS	PARAGON	Alpha	U-235	0.055	0.039	0.04	
0722-B	FS	PARAGON	Alpha	U-238	0.8	0.18	0.05	
0722-B	FS	NFS	Gamma	Am-241	-0.2276	-0.2764	0.4711	UH
0722-B	FS	NFS	Gamma	Th-232	1.439	0.2311	0.3602	JH
0722-B	FS	NFS	Gamma	U-235	0.055	0.0537	0.0903	UH
0722-B	FS	NFS	Gamma	U-238	-6.878	-3.863	10.39	UH
0722-C	FS	NFS	Gamma	Am-241	0.2601	0.3637	0.6128	UH
0722-C	FS	NFS	Gamma	Th-232	0.7552	0.241	0.3957	JH
0722-C	FS	NFS	Gamma	U-235	-0.046	-0.0477	0.0833	UH
0722-C	FS	NFS	Gamma	U-238	-4.735	-5.791	9.968	UH
0722-D	FS	NFS	Gamma	Am-241	0.4264	0.2442	0.4075	JH
0722-D	FS	NFS	Gamma	Th-232	1.072	0.259	0.4194	JH
0722-D	FS	NFS	Gamma	U-235	-0.0488	-0.0537	0.0916	UH
0722-D	FS	NFS	Gamma	U-238	3.804	5.983	10.1	UH
0722-E	FS	NFS	Gamma	Am-241	0.3844	0.3522	0.591	UH
0722-E	FS	NFS	Gamma	Th-232	0.8393	0.2389	0.3725	JH
0722-E	FS	NFS	Gamma	U-235	-0.0782	-0.0499	0.085	UH
0722-E	FS	NFS	Gamma	U-238	2.323	5.598	9.162	UH
0722-F	FS	NFS	Gamma	Am-241	0.0625	0.2572	0.5988	UH
0722-F	FS	NFS	Gamma	Th-232	0.9396	0.2412	0.3909	JH
0722-F	FS	NFS	Gamma	U-235	0.15	0.0566	0.0904	JH
0722-F	FS	NFS	Gamma	U-238	1.276	4.31	10.14	UH

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					Analytical Result	Error (2-sigma)	MDC	
0722-G	FS	NFS	Gamma	Am-241	-0.0026	-0.2745	0.4654	UH
0722-G	FS	NFS	Gamma	Th-232	1.321	0.2206	0.3431	JH
0722-G	FS	NFS	Gamma	U-235	0.0311	0.0564	0.0949	UH
0722-G	FS	NFS	Gamma	U-238	0.0869	5.283	9.008	UH
0722-H	FS	NFS	Gamma	Am-241	0.1595	0.2603	0.4391	UH
0722-H	FS	NFS	Gamma	Th-232	1.187	0.2713	0.4383	JH
0722-H	FS	NFS	Gamma	U-235	-0.0147	-0.0527	0.089	UH
0722-H	FS	NFS	Gamma	U-238	-0.4359	-5.89	10.04	UH
0722-I	FS	NFS	Gamma	Am-241	0.5201	0.3398	0.5673	UH
0722-I	FS	NFS	Gamma	Th-232	1.735	0.2102	0.3149	JH
0722-I	FS	NFS	Gamma	U-235	0.0754	0.0633	0.0943	UH
0722-I	FS	NFS	Gamma	U-238	-2.495	-5.03	8.653	UH
0722-I-DUP	FD	NFS	Gamma	Am-241	0.0453	0.2722	0.4608	UH
0722-I-DUP	FD	NFS	Gamma	Th-232	1.299	0.277	0.4456	JH
0722-I-DUP	FD	NFS	Gamma	U-235	0.1391	0.0516	0.0855	JH
0722-I-DUP	FD	NFS	Gamma	U-238	-4.726	-6.158	10.59	UH
0722-J	FS	NFS	Gamma	Am-241	-0.6803	-0.3165	0.5469	UH
0722-J	FS	NFS	Gamma	Th-232	1.358	0.2457	0.3898	JH
0722-J	FS	NFS	Gamma	U-235	0.1097	0.0521	0.0867	JH
0722-J	FS	NFS	Gamma	U-238	-7.444	-5.63	9.773	UH
0723-A	FS	NFS	Gamma	Am-241	-0.6871	-0.3167	0.542	UH
0723-A	FS	NFS	Gamma	Th-232	1.39	0.2388	0.3782	JH
0723-A	FS	NFS	Gamma	U-235	1.816	0.0685	0.0912	JH
0723-A	FS	NFS	Gamma	U-238	12.53	5.732	9.479	JH
0723-B	FS	NFS	Gamma	Am-241	-0.3038	-0.3459	0.5884	UH
0723-B	FS	NFS	Gamma	Th-232	2.014	0.281	0.4387	JH
0723-B	FS	NFS	Gamma	U-235	2.719	0.0826	0.1048	JH
0723-B	FS	NFS	Gamma	U-238	18.95	6.192	10.12	JH
0723-C	FS	PARAGON	LSC	Tc-99	6.5	1.5	1.5	
0723-C	FS	PARAGON	LSC	Pu-241	-3.8	4.3	7.4	U
0723-C	FS	PARAGON	Gamma	Am-241	0.09	0.18	0.31	U
0723-C	FS	PARAGON	Gamma	Th-232	1.81	0.51	0.77	
0723-C	FS	PARAGON	Gamma	U-235	3.56	0.71	0.81	
0723-C	FS	PARAGON	Alpha	Am-241	0.036	0.019	0.006	
0723-C	FS	PARAGON	Alpha	Pu-238	0.033	0.019	0.007	
0723-C	FS	PARAGON	Alpha	Pu-239/240	0.056	0.027	0.019	
0723-C	FS	PARAGON	Alpha	Pu-242	-0.002	0.015	0.024	U
0723-C	FS	PARAGON	Alpha	Th-230	0.69	0.14	0.05	
0723-C	FS	PARAGON	Alpha	Th-232	1.27	0.23	0.02	
0723-C	FS	PARAGON	Alpha	U-233/234	73	11	0	
0723-C	FS	PARAGON	Alpha	U-235	3.67	0.61	0.01	
0723-C	FS	PARAGON	Alpha	U-238	12.7	2	0	
0723-C	FS	NFS	Gamma	Am-241	-0.89	-0.495	0.8458	U
0723-C	FS	NFS	Gamma	Th-232	2.589	0.2803	0.4254	
0723-C	FS	NFS	Gamma	U-235	3.709	0.1023	0.1121	
0723-C	FS	NFS	Gamma	U-238	17.82	6.081	9.87	
0723-D	FS	NFS	Gamma	Am-241	-0.8536	-0.5885	1.003	UH
0723-D	FS	NFS	Gamma	Th-232	2.694	0.3191	0.4933	JH
0723-D	FS	NFS	Gamma	U-235	3.685	0.1061	0.1209	JH
0723-D	FS	NFS	Gamma	U-238	17.85	5.907	9.721	JH
0723-E	FS	NFS	Gamma	Am-241	-0.1573	-0.3671	0.6231	UH
0723-E	FS	NFS	Gamma	Th-232	1.926	0.3716	0.5992	JH
0723-E	FS	NFS	Gamma	U-235	2.263	0.0857	0.1172	JH
0723-E	FS	NFS	Gamma	U-238	18.01	7.253	11.84	JH

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					Analytical Result	Error (2-sigma)	MDC	
0723-F	FS	NFS	Gamma	Am-241	-0.2295	-0.44	0.7488	UH
0723-F	FS	NFS	Gamma	Th-232	1.863	0.312	0.4967	JH
0723-F	FS	NFS	Gamma	U-235	0.2615	0.0709	0.1169	JH
0723-F	FS	NFS	Gamma	U-238	3.276	6.769	11.45	UH
0723-G	FS	NFS	Gamma	Am-241	0.1343	0.3953	0.6685	UH
0723-G	FS	NFS	Gamma	Th-232	1.004	0.3268	0.5386	JH
0723-G	FS	NFS	Gamma	U-235	0.2722	0.0625	0.1009	JH
0723-G	FS	NFS	Gamma	U-238	8.415	5.347	8.889	UH
0723-H	FS	NFS	Gamma	Am-241	0.0688	0.3958	0.6705	UH
0723-H	FS	NFS	Gamma	Th-232	1.196	0.2675	0.4276	JH
0723-H	FS	NFS	Gamma	U-235	0.2089	0.0636	0.1005	JH
0723-H	FS	NFS	Gamma	U-238	-1.317	-5.296	9.757	UH
0723-I	FS	NFS	Gamma	Am-241	0.3817	0.3623	0.6012	UH
0723-I	FS	NFS	Gamma	Th-232	1.108	0.2729	0.4383	JH
0723-I	FS	NFS	Gamma	U-235	0.2216	0.0552	0.0902	JH
0723-I	FS	NFS	Gamma	U-238	0.9331	5.518	8.799	UH
0724-A	FS	NFS	Gamma	Am-241	-0.3731	-0.3578	0.6121	UH
0724-A	FS	NFS	Gamma	Th-232	1.235	0.2583	0.4099	JH
0724-A	FS	NFS	Gamma	U-235	0.0337	0.0552	0.0916	UH
0724-A	FS	NFS	Gamma	U-238	-11.77	-4.065	9.474	UH
0724-B	FS	NFS	Gamma	Am-241	0.2798	0.2425	0.407	UH
0724-B	FS	NFS	Gamma	Th-232	0.9371	0.2054	0.3304	JH
0724-B	FS	NFS	Gamma	U-235	0.0499	0.0454	0.0763	UH
0724-B	FS	NFS	Gamma	U-238	-4.101	-4.16	7.367	UH
0724-C	FS	NFS	Gamma	Am-241	0.3608	0.3617	0.6075	UH
0724-C	FS	NFS	Gamma	Th-232	1.024	0.2665	0.4336	JH
0724-C	FS	NFS	Gamma	U-235	0.0087	0.053	0.0897	UH
0724-C	FS	NFS	Gamma	U-238	-5.153	-4.833	8.411	UH
0724-D	FS	NFS	Gamma	Am-241	0.0733	0.2573	0.4352	UH
0724-D	FS	NFS	Gamma	Th-232	1.001	0.2297	0.3706	JH
0724-D	FS	NFS	Gamma	U-235	0.0697	0.0498	0.0834	UH
0724-D	FS	NFS	Gamma	U-238	1.842	3.926	6.6	UH
0724-D-DUP	FD	NFS	Gamma	Am-241	0.0419	0.3304	0.5601	UH
0724-D-DUP	FD	NFS	Gamma	Th-232	0.9939	0.2647	0.4319	JH
0724-D-DUP	FD	NFS	Gamma	U-235	0.0025	0.051	0.0864	UH
0724-D-DUP	FD	NFS	Gamma	U-238	-6.414	-4.786	8.353	UH
0724-E	FS	NFS	Gamma	Am-241	0.1954	0.2681	0.4518	UH
0724-E	FS	NFS	Gamma	Th-232	0.9715	0.2431	0.3942	JH
0724-E	FS	NFS	Gamma	U-235	-0.0474	-0.0537	0.0916	UH
0724-E	FS	NFS	Gamma	U-238	-1.586	-4.031	6.912	UH
0724-F	FS	NFS	Gamma	Am-241	-0.3292	-0.3655	0.6252	UH
0724-F	FS	NFS	Gamma	Th-232	1.167	0.2973	0.4812	JH
0724-F	FS	NFS	Gamma	U-235	-0.0207	-0.0561	0.0955	UH
0724-F	FS	NFS	Gamma	U-238	-16.84	-6.311	11.15	UH
0724-G	FS	NFS	Gamma	Am-241	0.0157	0.2389	0.4049	UH
0724-G	FS	NFS	Gamma	Th-232	1.114	0.258	0.4168	JH
0724-G	FS	NFS	Gamma	U-235	0.1033	0.0524	0.0874	JH
0724-G	FS	NFS	Gamma	U-238	-2.137	-5.816	9.955	UH
0724-H	FS	NFS	Gamma	Am-241	0.1333	0.2401	0.4883	UH
0724-H	FS	NFS	Gamma	Th-232	1.143	0.3124	0.5128	JH
0724-H	FS	NFS	Gamma	U-235	0.1376	0.0593	0.0975	JH
0724-H	FS	NFS	Gamma	U-238	-7.947	-7.508	12.91	UH
0725-A	FS	PARAGON	LSC	Tc-99	-0.53	0.96	1.65	U
0725-A	FS	PARAGON	LSC	Pu-241	0.7	3.1	5.2	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0725-A	FS	PARAGON	Gamma	Am-241	0.03	0.13	0.23	U
0725-A	FS	PARAGON	Gamma	Th-232	2.23	0.59	0.79	
0725-A	FS	PARAGON	Gamma	U-235	0.25	0.44	0.74	U
0725-A	FS	PARAGON	Alpha	Am-241	0	0.017	0.034	U
0725-A	FS	PARAGON	Alpha	Pu-238	0.003	0.013	0.019	U
0725-A	FS	PARAGON	Alpha	Pu-239/240	0.036	0.02	0.007	
0725-A	FS	PARAGON	Alpha	Pu-242	0.0069	0.0094	0.0062	J
0725-A	FS	PARAGON	Alpha	Th-230	1.05	0.2	0.05	
0725-A	FS	PARAGON	Alpha	Th-232	1.68	0.3	0.02	
0725-A	FS	PARAGON	Alpha	U-233/234	3.74	0.63	0.1	
0725-A	FS	PARAGON	Alpha	U-235	0.152	0.061	0.035	
0725-A	FS	PARAGON	Alpha	U-238	1.32	0.25	0.06	
0725-A	FS	NFS	Gamma	Am-241	0.2555	0.3063	0.5156	U
0725-A	FS	NFS	Gamma	Th-232	2.328	0.2685	0.4098	
0725-A	FS	NFS	Gamma	U-235	0.1811	0.0602	0.0997	
0725-A	FS	NFS	Gamma	U-238	2.816	9.346	16.04	U
0725-B	FS	NFS	Gamma	Am-241	-0.6007	-0.4036	0.6891	UH
0725-B	FS	NFS	Gamma	Th-232	3.734	0.3061	0.4492	JH
0725-B	FS	NFS	Gamma	U-235	0.1694	0.0709	0.118	JH
0725-B	FS	NFS	Gamma	U-238	-10.35	-6.052	10.54	UH
0725-C	FS	NFS	Gamma	Am-241	0.0468	0.3553	0.6022	UH
0725-C	FS	NFS	Gamma	Th-232	0.6756	0.3099	0.5103	JH
0725-C	FS	NFS	Gamma	U-235	0.0211	0.0529	0.0894	UH
0725-C	FS	NFS	Gamma	U-238	-4.25	-5.132	8.882	UH
0725-D	FS	NFS	Gamma	Am-241	-0.32	-0.4004	0.6835	UH
0725-D	FS	NFS	Gamma	Th-232	1.187	0.2605	0.4199	JH
0725-D	FS	NFS	Gamma	U-235	-0.0244	-0.0632	0.0994	UH
0725-D	FS	NFS	Gamma	U-238	-3.187	-5.451	9.384	UH
0725-E	FS	NFS	Gamma	Am-241	-0.2621	-0.2873	0.4903	UH
0725-E	FS	NFS	Gamma	Th-232	0.9451	0.252	0.4077	JH
0725-E	FS	NFS	Gamma	U-235	0.0029	0.0576	0.0974	UH
0725-E	FS	NFS	Gamma	U-238	-7.992	-6.821	11.78	UH
0725-F	FS	NFS	Gamma	Am-241	0.0045	0.3681	0.6247	UH
0725-F	FS	NFS	Gamma	Th-232	1.591	0.2862	0.453	JH
0725-F	FS	NFS	Gamma	U-235	0.0937	0.0567	0.0921	JH
0725-F	FS	NFS	Gamma	U-238	-4.904	-5.346	9.268	UH
0725-G	FS	NFS	Gamma	Am-241	-0.0107	-0.3897	0.6613	UH
0725-G	FS	NFS	Gamma	Th-232	1.711	0.2872	0.4539	JH
0725-G	FS	NFS	Gamma	U-235	0.1343	0.0586	0.0953	JH
0725-G	FS	NFS	Gamma	U-238	-7.578	-7.819	10.78	UH
0725-H	FS	NFS	Gamma	Am-241	-0.2679	-0.4095	0.698	UH
0725-H	FS	NFS	Gamma	Th-232	2.038	0.2141	0.3087	JH
0725-H	FS	NFS	Gamma	U-235	0.0758	0.0614	0.0965	UH
0725-H	FS	NFS	Gamma	U-238	1.493	5.962	9.702	UH
0725-I	FS	NFS	Gamma	Am-241	0.0309	0.3712	0.6291	UH
0725-I	FS	NFS	Gamma	Th-232	1.764	0.2126	0.3171	JH
0725-I	FS	NFS	Gamma	U-235	0.0464	0.0552	0.093	UH
0725-I	FS	NFS	Gamma	U-238	-5.264	-5.961	10.27	UH
0725-J	FS	NFS	Gamma	Am-241	0.1952	0.2767	0.4664	UH
0725-J	FS	NFS	Gamma	Th-232	0.9744	0.273	0.4457	JH
0725-J	FS	NFS	Gamma	U-235	-0.009	-0.058	0.0984	UH
0725-J	FS	NFS	Gamma	U-238	2.812	7.099	12.02	UH
0726-A	FS	NFS	Gamma	Am-241	-0.1239	-0.2394	0.4078	UH
0726-A	FS	NFS	Gamma	Th-232	0.8407	0.2057	0.3285	JH

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0726-A	FS	NFS	Gamma	U-235	0.0617	0.0487	0.0817	UH
0726-A	FS	NFS	Gamma	U-238	7.301	7.264	10.13	UH
0726-B	FS	NFS	Gamma	Am-241	-0.2143	-0.389	0.6629	UH
0726-B	FS	NFS	Gamma	Th-232	1.716	0.2852	0.4412	JH
0726-B	FS	NFS	Gamma	U-235	0.1916	0.0657	0.1075	JH
0726-B	FS	NFS	Gamma	U-238	6.858	5.153	8.66	UH
0726-C	FS	NFS	Gamma	Am-241	0.2014	0.2536	0.4271	UH
0726-C	FS	NFS	Gamma	Th-232	1.26	0.226	0.3573	JH
0726-C	FS	NFS	Gamma	U-235	0.1175	0.0515	0.0853	JH
0726-C	FS	NFS	Gamma	U-238	11.36	6.003	9.962	JH
0726-D	FS	NFS	Gamma	Am-241	-0.2139	-0.3938	0.6712	UH
0726-D	FS	NFS	Gamma	Th-232	1.271	0.2392	0.3789	JH
0726-D	FS	NFS	Gamma	U-235	0.012	0.0658	0.1027	UH
0726-D	FS	NFS	Gamma	U-238	4.08	5.269	8.881	UH
0726-E	FS	NFS	Gamma	Am-241	-0.1599	-0.2618	0.4459	UH
0726-E	FS	NFS	Gamma	Th-232	1.372	0.2526	0.3991	JH
0726-E	FS	NFS	Gamma	U-235	0.0206	0.0557	0.0938	UH
0726-E	FS	NFS	Gamma	U-238	2.328	6.846	11.6	UH
0726-E-DUP	FD	NFS	Gamma	Am-241	-0.482	-0.3767	0.6455	UH
0726-E-DUP	FD	NFS	Gamma	Th-232	1.215	0.2496	0.3996	JH
0726-E-DUP	FD	NFS	Gamma	U-235	0.1677	0.0541	0.0881	JH
0726-E-DUP	FD	NFS	Gamma	U-238	-4.076	-4.888	9.954	UH
0726-F	FS	PARAGON	LSC	Tc-99	-0.3	0.84	1.43	U
0726-F	FS	PARAGON	LSC	Pu-241	-0.8	2.7	4.5	U
0726-F	FS	PARAGON	Gamma	Am-241	-0.06	0.12	0.22	U
0726-F	FS	PARAGON	Gamma	Th-232	1.67	0.49	0.63	J
0726-F	FS	PARAGON	Gamma	U-235	-0.01	0.37	0.67	U
0726-F	FS	PARAGON	Alpha	Am-241	0.013	0.011	0.006	
0726-F	FS	PARAGON	Alpha	Pu-238	0	0.01	0.015	U
0726-F	FS	PARAGON	Alpha	Pu-239/240	0.004	0.01	0.015	U
0726-F	FS	PARAGON	Alpha	Pu-242	0.0048	0.0085	0.0133	U
0726-F	FS	PARAGON	Alpha	Th-230	0.417	0.084	0.038	J
0726-F	FS	PARAGON	Alpha	Th-232	0.74	0.13	0	
0726-F	FS	PARAGON	Alpha	U-233/234	0.64	0.13	0.04	
0726-F	FS	PARAGON	Alpha	U-235	0.044	0.026	0.029	
0726-F	FS	PARAGON	Alpha	U-238	0.54	0.11	0.03	
0726-F	FS	NFS	Gamma	Am-241	0.1207	0.2536	0.4284	UH
0726-F	FS	NFS	Gamma	Th-232	1.077	0.2582	0.416	JH
0726-F	FS	NFS	Gamma	U-235	0.0748	0.0517	0.0866	UH
0726-F	FS	NFS	Gamma	U-238	9.013	6.53	10.92	UH
0726-G	FS	NFS	Gamma	Am-241	0.5986	0.3546	0.5903	JH
0726-G	FS	NFS	Gamma	Th-232	0.7586	0.2418	0.3955	JH
0726-G	FS	NFS	Gamma	U-235	-0.0644	-0.0538	0.0898	UH
0726-G	FS	NFS	Gamma	U-238	-13.23	-5.736	10.11	UH
0726-H	FS	NFS	Gamma	Am-241	0.4631	0.3664	0.6136	UH
0726-H	FS	NFS	Gamma	Th-232	1.065	0.2294	0.3652	JH
0726-H	FS	NFS	Gamma	U-235	0.086	0.054	0.0893	UH
0726-H	FS	NFS	Gamma	U-238	-11.97	-6.286	11.01	UH
0726-I	FS	NFS	Gamma	Am-241	-0.0477	-0.3325	0.5652	UH
0726-I	FS	NFS	Gamma	Th-232	0.749	0.2399	0.3933	JH
0726-I	FS	NFS	Gamma	U-235	0.0084	0.0488	0.0827	UH
0726-I	FS	NFS	Gamma	U-238	-3.467	-5.613	9.647	UH
0726-J	FS	NFS	Gamma	Am-241	0.4109	0.3609	0.6052	UH
0726-J	FS	NFS	Gamma	Th-232	1.277	0.2459	0.3892	JH

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0726-J	FS	NFS	Gamma	U-235	0.0576	0.0568	0.0955	UH
0726-J	FS	NFS	Gamma	U-238	-11.86	-10.55	11.26	UH
0726-J-DUP	FD	NFS	Gamma	Am-241	0.0461	0.3007	0.509	UH
0726-J-DUP	FD	NFS	Gamma	Th-232	1.276	0.3173	0.5244	JH
0726-J-DUP	FD	NFS	Gamma	U-235	0.0495	0.0609	0.1025	UH
0726-J-DUP	FD	NFS	Gamma	U-238	2.189	16.74	13	UH
0727-A	FS	PARAGON	LSC	Tc-99	-0.37	0.94	1.6	UJ
0727-A	FS	PARAGON	LSC	Pu-241	-0.2	2.6	4.4	U
0727-A	FS	PARAGON	Gamma	Am-241	0.11	0.5	0.88	U
0727-A	FS	PARAGON	Gamma	Th-232	0.36	0.39	0.6	U
0727-A	FS	PARAGON	Gamma	U-235	0.2	0.26	0.42	U
0727-A	FS	PARAGON	Alpha	Am-241	0.002	0.012	0.024	U
0727-A	FS	PARAGON	Alpha	Pu-238	0	0.012	0.007	U
0727-A	FS	PARAGON	Alpha	Pu-239/240	0.005	0.012	0.006	U
0727-A	FS	PARAGON	Alpha	Pu-242	0	0.009	0.02	U
0727-A	FS	PARAGON	Alpha	Th-230	0.343	0.071	0.034	J
0727-A	FS	PARAGON	Alpha	Th-232	0.505	0.095	0.016	
0727-A	FS	PARAGON	Alpha	U-233/234	0.345	0.081	0.052	
0727-A	FS	PARAGON	Alpha	U-235	0.03	0.02	0.018	
0727-A	FS	PARAGON	Alpha	U-238	0.395	0.087	0.033	
0727-A	FS	NFS	Gamma	Am-241	-0.09	-0.3315	0.5645	UH
0727-A	FS	NFS	Gamma	Th-232	0.5831	0.2371	0.3898	JH
0727-A	FS	NFS	Gamma	U-235	0.0702	0.0515	0.0863	UH
0727-A	FS	NFS	Gamma	U-238	2.48	4.402	7.532	UH
0727-A	LR	PARAGON	LSC	Tc-99	0.5	1	1.7	U
0727-B	FS	NFS	Gamma	Am-241	0.0581	0.2509	0.4247	UH
0727-B	FS	NFS	Gamma	Th-232	0.6339	0.2607	0.4278	JH
0727-B	FS	NFS	Gamma	U-235	0.0957	0.0552	0.0919	JH
0727-B	FS	NFS	Gamma	U-238	5.907	6.503	10.94	UH
0727-C	FS	NFS	Gamma	Am-241	-0.3621	-0.429	0.7327	UH
0727-C	FS	NFS	Gamma	Th-232	1.671	0.324	0.5197	JH
0727-C	FS	NFS	Gamma	U-235	0.189	0.0693	0.1129	JH
0727-C	FS	NFS	Gamma	U-238	10.15	5.435	8.972	JH
0727-D	FS	NFS	Gamma	Am-241	-0.0492	-0.2902	0.4925	UH
0727-D	FS	NFS	Gamma	Th-232	1.357	0.2699	0.4339	JH
0727-D	FS	NFS	Gamma	U-235	-0.0407	-0.0583	0.0985	UH
0727-D	FS	NFS	Gamma	U-238	2.213	3.893	8.33	UH
0727-E	FS	NFS	Gamma	Am-241	0.6177	0.3399	0.5648	JH
0727-E	FS	NFS	Gamma	Th-232	1.059	0.2311	0.3679	JH
0727-E	FS	NFS	Gamma	U-235	0.0657	0.0497	0.0816	UH
0727-E	FS	NFS	Gamma	U-238	-8.083	-5.431	8.971	UH
0727-F	FS	NFS	Gamma	Am-241	-0.4327	-0.3254	0.5565	UH
0727-F	FS	NFS	Gamma	Th-232	0.9868	0.3165	0.5318	JH
0727-F	FS	NFS	Gamma	U-235	0.1472	0.0621	0.1033	JH
0727-F	FS	NFS	Gamma	U-238	8.288	5.215	8.659	UH
EB-19	EB	PARAGON	LSC	Pu-241	-0.7	3.9	6.6	U
EB-19	EB	PARAGON	LSC	Tc-99	-2.1	6.2	10.5	U
EB-19	EB	PARAGON	Gamma	Am-241	-7.6	8.5	15	U
EB-19	EB	PARAGON	Gamma	Th-232	12	30	50	U
EB-19	EB	PARAGON	Gamma	U-235	-7	23	40	U
EB-19	EB	PARAGON	Alpha	Am-241	0.013	0.024	0.018	U
EB-19	EB	PARAGON	Alpha	Pu-238	0	0.023	0.017	U
EB-19	EB	PARAGON	Alpha	Pu-239/240	0.011	0.023	0.034	U
EB-19	EB	PARAGON	Alpha	Pu-242	0.012	0.025	0.053	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
EB-19	EB	PARAGON	Alpha	Th-230	0.042	0.059	0.113	U
EB-19	EB	PARAGON	Alpha	Th-232	0.021	0.021	0.026	U
EB-19	EB	PARAGON	Alpha	U-233/234	0.074	0.064	0.087	U
EB-19	EB	PARAGON	Alpha	U-235	0.051	0.052	0.035	LT
EB-19	EB	PARAGON	Alpha	U-238	0.003	0.038	0.073	U
EB-19	LR	PARAGON	LSC	Tc-99	-7.4	6.9	11.8	U
EB-19	LR	PARAGON	Gamma	Am-241	-18	29	50	U
EB-19	LR	PARAGON	Gamma	Th-232	11	18	41	U
EB-19	LR	PARAGON	Gamma	U-235	-19	33	55	U

Appendix G.5

Radiological Dataset, Survey Unit 20

Survey Unit 20 Radiological Dataset

Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0728-A	FS	NFS	Gamma	Am-241	0.4648	0.4747	0.7985	U
0728-A	FS	NFS	Gamma	Th-232	6.637	0.4759	0.719	
0728-A	FS	NFS	Gamma	U-235	3.598	0.1073	0.1438	
0728-A	FS	NFS	Gamma	U-238	11.67	7.814	13.06	U
0728-B	FS	NFS	Gamma	Am-241	-0.5614	-0.3329	0.5685	U
0728-B	FS	NFS	Gamma	Th-232	3.133	0.285	0.4262	
0728-B	FS	NFS	Gamma	U-235	0.6721	0.0695	0.1099	
0728-B	FS	NFS	Gamma	U-238	2.055	6.202	9.692	U
0728-C	FS	PARAGON	LSC	Tc-99	-0.2	1.1	1.9	U
0728-C	FS	PARAGON	LSC	Pu-241	-1.2	3.4	5.8	U
0728-C	FS	PARAGON	Gamma	Am-241	-0.13	0.11	0.2	U
0728-C	FS	PARAGON	Gamma	Th-232	0.84	0.32	0.69	J
0728-C	FS	PARAGON	Gamma	U-235	0.26	0.33	0.54	U
0728-C	FS	PARAGON	Alpha	Am-241	0.012	0.012	0.007	J
0728-C	FS	PARAGON	Alpha	Pu-238	0	0.011	0.017	U
0728-C	FS	PARAGON	Alpha	Pu-239/240	0.002	0.011	0.006	U
0728-C	FS	PARAGON	Alpha	Pu-242	0.025	0.018	0.008	U
0728-C	FS	PARAGON	Alpha	Th-230	1.2	0.24	0.06	
0728-C	FS	PARAGON	Alpha	Th-232	1.15	0.23	0.02	
0728-C	FS	PARAGON	Alpha	U-233/234	1.01	0.24	0.05	
0728-C	FS	PARAGON	Alpha	U-235	0.021	0.032	0.055	U
0728-C	FS	PARAGON	Alpha	U-238	1.03	0.25	0.06	
0728-C	FS	NFS	Gamma	Am-241	0.0458	0.3606	0.565	U
0728-C	FS	NFS	Gamma	Th-232	0.4612	0.3539	0.5924	U
0728-C	FS	NFS	Gamma	U-235	0.1873	0.0706	0.1169	
0728-C	FS	NFS	Gamma	U-238	9.116	9.395	14.98	U
0728-C	LR	PARAGON	Gamma	Am-241	-0.01	0.59	1.04	U
0728-C	LR	PARAGON	Gamma	Th-232	1.1	0.51	0.65	J
0728-C	LR	PARAGON	Gamma	U-235	0.06	0.35	0.6	U
0729-A	FS	NFS	Gamma	Am-241	-0.2919	-0.3615	0.6185	U
0729-A	FS	NFS	Gamma	Th-232	0.4574	0.265	0.4429	
0729-A	FS	NFS	Gamma	U-235	0.1505	0.0502	0.0822	
0729-A	FS	NFS	Gamma	U-238	1.572	4.551	10.71	U
0730-A	FS	NFS	Gamma	Am-241	-0.309	-0.2673	0.457	U
0730-A	FS	NFS	Gamma	Th-232	0.9311	0.2423	0.3923	
0730-A	FS	NFS	Gamma	U-235	0.8236	0.0592	0.0885	
0730-A	FS	NFS	Gamma	U-238	-3.709	-5.272	9.809	U
0730-B	FS	NFS	Gamma	Am-241	-0.1689	-0.357	0.6083	U
0730-B	FS	NFS	Gamma	Th-232	0.8997	0.2525	0.4106	
0730-B	FS	NFS	Gamma	U-235	0.2227	0.049	0.079	
0730-B	FS	NFS	Gamma	U-238	1.136	3.766	10.57	U
0730-C	FS	NFS	Gamma	Am-241	0.2029	0.2957	0.4984	U
0730-C	FS	NFS	Gamma	Th-232	1.621	0.2881	0.4557	
0730-C	FS	NFS	Gamma	U-235	0.1617	0.0627	0.103	
0730-C	FS	NFS	Gamma	U-238	3.234	6.355	10.75	U
0731-A	FS	NFS	Gamma	Am-241	-0.1397	-0.2705	0.4602	UH
0731-A	FS	NFS	Gamma	Th-232	1.081	0.2495	0.404	JH
0731-A	FS	NFS	Gamma	U-235	0.3226	0.0561	0.0908	JH
0731-A	FS	NFS	Gamma	U-238	0.1054	5.803	9.633	UH
0731-B	FS	NFS	Gamma	Am-241	-0.0022	-0.3347	0.568	UH
0731-B	FS	NFS	Gamma	Th-232	1.188	0.2758	0.4477	JH
0731-B	FS	NFS	Gamma	U-235	0.0929	0.0556	0.0907	JH
0731-B	FS	NFS	Gamma	U-238	-1.033	-4.583	7.868	UH
0731-C	FS	NFS	Gamma	Am-241	-0.0482	-0.2874	0.4881	UH

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0731-C	FS	NFS	Gamma	Th-232	0.8813	0.281	0.4616	JH
0731-C	FS	NFS	Gamma	U-235	0.1139	0.0621	0.1036	JH
0731-C	FS	NFS	Gamma	U-238	2.211	5.74	9.741	UH
0731-C-DUP	FD	NFS	Gamma	Am-241	-0.4495	-0.4157	0.7112	UH
0731-C-DUP	FD	NFS	Gamma	Th-232	1.592	0.3232	0.5205	JH
0731-C-DUP	FD	NFS	Gamma	U-235	0.1748	0.0619	0.1025	JH
0731-C-DUP	FD	NFS	Gamma	U-238	-2.586	-5.374	9.267	UH
0732-A	FS	NFS	Gamma	Am-241	-0.0516	-0.3395	0.5762	UH
0732-A	FS	NFS	Gamma	Th-232	0.9671	0.2857	0.4638	JH
0732-A	FS	NFS	Gamma	U-235	0.3083	0.0664	0.108	JH
0732-A	FS	NFS	Gamma	U-238	-5.113	-6.929	11.94	UH
0732-B	FS	PARAGON	LSC	Tc-99	0	0.98	1.65	U
0732-B	FS	PARAGON	LSC	Pu-241	-0.5	4.9	8.4	U
0732-B	FS	PARAGON	Gamma	Am-241	0.08	0.11	0.19	U
0732-B	FS	PARAGON	Gamma	Th-232	0.8	0.46	0.71	J
0732-B	FS	PARAGON	Gamma	U-235	0.31	0.43	0.7	U
0732-B	FS	PARAGON	Alpha	Am-241	0.015	0.012	0.007	
0732-B	FS	PARAGON	Alpha	Pu-238	0.003	0.013	0.019	U
0732-B	FS	PARAGON	Alpha	Pu-239/240	0.018	0.016	0.019	U
0732-B	FS	PARAGON	Alpha	Pu-242	0.021	0.021	0.029	U
0732-B	FS	PARAGON	Alpha	Th-230	1.46	0.3	0.07	
0732-B	FS	PARAGON	Alpha	Th-232	0.77	0.17	0.05	
0732-B	FS	PARAGON	Alpha	U-233/234	5.39	0.88	0.03	
0732-B	FS	PARAGON	Alpha	U-235	0.135	0.051	0.034	
0732-B	FS	PARAGON	Alpha	U-238	1.37	0.25	0.03	
0732-B	FS	NFS	Gamma	Am-241	-0.9321	-0.4363	0.7517	U
0732-B	FS	NFS	Gamma	Th-232	1.477	0.2904	0.4634	
0732-B	FS	NFS	Gamma	U-235	0.3544	0.0685	0.1102	
0732-B	FS	NFS	Gamma	U-238	12.02	6.285	10.51	
0732-B	LR	PARAGON	Alpha	Am-241	0.03	0.019	0.017	
0732-B	LR	PARAGON	Alpha	Pu-238	0.007	0.017	0.009	U
0732-B	LR	PARAGON	Alpha	Pu-239/240	0.014	0.022	0.037	U
0732-B	LR	PARAGON	Alpha	U-233/234	5.86	0.96	0.04	
0732-B	LR	PARAGON	Alpha	U-235	0.128	0.054	0.046	
0732-B	LR	PARAGON	Alpha	U-238	1.67	0.3	0.04	
0732-C	FS	NFS	Gamma	Am-241	-0.3729	-0.4519	0.7719	UH
0732-C	FS	NFS	Gamma	Th-232	1.867	0.3949	0.6395	JH
0732-C	FS	NFS	Gamma	U-235	0.1558	0.0726	0.1208	JH
0732-C	FS	NFS	Gamma	U-238	0.072	8.539	12.44	UH
0733-A	FS	NFS	Gamma	Am-241	0.0866	0.254	0.4295	UH
0733-A	FS	NFS	Gamma	Th-232	1.037	0.2398	0.387	JH
0733-A	FS	NFS	Gamma	U-235	0.1942	0.0547	0.09	JH
0733-A	FS	NFS	Gamma	U-238	-15.07	-6.637	11.6	UH
0733-B	FS	NFS	Gamma	Am-241	-0.0982	-0.3886	0.6604	UH
0733-B	FS	NFS	Gamma	Th-232	2.066	0.2752	0.4262	JH
0733-B	FS	NFS	Gamma	U-235	0.2218	0.0604	0.0993	JH
0733-B	FS	NFS	Gamma	U-238	-2.783	-5.368	8.511	UH
0733-C	FS	PARAGON	LSC	Tc-99	-0.57	0.97	1.66	U
0733-C	FS	PARAGON	LSC	Pu-241	1.4	3.5	5.9	U
0733-C	FS	PARAGON	Gamma	Am-241	0.05	0.14	0.25	U
0733-C	FS	PARAGON	Gamma	Th-232	1.19	0.5	0.92	J
0733-C	FS	PARAGON	Gamma	U-235	-0.33	0.43	0.84	U
0733-C	FS	PARAGON	Alpha	Am-241	0.019	0.015	0.007	
0733-C	FS	PARAGON	Alpha	Pu-238	0.002	0.012	0.006	U

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0733-C	FS	PARAGON	Alpha	Pu-239/240	0.005	0.012	0.017	U
0733-C	FS	PARAGON	Alpha	Pu-242	0.003	0.011	0.007	U
0733-C	FS	PARAGON	Alpha	Th-230	0.77	0.15	0.04	
0733-C	FS	PARAGON	Alpha	Th-232	1.16	0.21	0.02	
0733-C	FS	PARAGON	Alpha	U-233/234	1.39	0.26	0.05	
0733-C	FS	PARAGON	Alpha	U-235	0.056	0.035	0.014	
0733-C	FS	PARAGON	Alpha	U-238	0.88	0.18	0.04	
0733-C	FS	NFS	Gamma	Am-241	0.2909	0.2812	0.4726	U
0733-C	FS	NFS	Gamma	Th-232	1.15	0.29	0.4747	
0733-C	FS	NFS	Gamma	U-235	0.0737	0.0593	0.0993	U
0733-C	FS	NFS	Gamma	U-238	10.3	9.522	15.99	U
0733-C	LR	PARAGON	LSC	Pu-241	1.4	3.7	6.2	U
0733-C	LR	PARAGON	Alpha	Pu-242	0.006	0.011	0.018	U
0733-C	LR	PARAGON	Alpha	Th-230	0.75	0.17	0.06	
0733-C	LR	PARAGON	Alpha	Th-232	1.11	0.23	0.04	
0733-C	LR	PARAGON	Alpha	U-233/234	1.53	0.29	0.06	
0733-C	LR	PARAGON	Alpha	U-235	0.032	0.038	0.06	U
0733-C	LR	PARAGON	Alpha	U-238	0.72	0.16	0.06	
0733-D	FS	NFS	Gamma	Am-241	0.0738	0.2613	0.4419	UH
0733-D	FS	NFS	Gamma	Th-232	0.8347	0.3148	0.5215	JH
0733-D	FS	NFS	Gamma	U-235	0.1335	0.0601	0.1	JH
0733-D	FS	NFS	Gamma	U-238	-0.5264	-56.3	90.06	UH
0734-A	FS	NFS	Gamma	Am-241	-0.5782	0.268	0.4607	U
0734-A	FS	NFS	Gamma	Th-232	1.159	0.2491	0.3996	
0734-A	FS	NFS	Gamma	U-235	0.2129	0.0573	0.0941	
0734-A	FS	NFS	Gamma	U-238	-5.25	-6.324	10.88	U
0734-B	FS	NFS	Gamma	Am-241	-0.2333	-0.326	0.5576	U
0734-B	FS	NFS	Gamma	Th-232	0.6759	0.2358	0.3792	
0734-B	FS	NFS	Gamma	U-235	0.1475	0.0582	0.0966	
0734-B	FS	NFS	Gamma	U-238	-5.991	-6.501	11.2	U
0734-C	FS	NFS	Gamma	Am-241	-0.0638	-1.383	0.4937	U
0734-C	FS	NFS	Gamma	Th-232	1.331	0.2415	0.3819	
0734-C	FS	NFS	Gamma	U-235	0.3025	0.0579	0.0937	
0734-C	FS	NFS	Gamma	U-238	2.469	5.773	10.09	U
0734-D	FS	NFS	Gamma	Am-241	-0.8185	-1.049	1.776	U
0734-D	FS	NFS	Gamma	Th-232	1.014	0.2778	0.453	
0734-D	FS	NFS	Gamma	U-235	0.3918	0.0654	0.1031	
0734-D	FS	NFS	Gamma	U-238	-0.4403	-6.517	11.34	U
0734-E	FS	NFS	Gamma	Am-241	0.1578	0.3458	0.5841	U
0734-E	FS	NFS	Gamma	Th-232	1.318	0.3187	0.5183	
0734-E	FS	NFS	Gamma	U-235	0.1962	0.0688	0.1127	
0734-E	FS	NFS	Gamma	U-238	7.965	7.925	13.5	U
0734-F	FS	NFS	Gamma	Am-241	0.3911	1.047	1.765	U
0734-F	FS	NFS	Gamma	Th-232	0.7674	0.3123	0.5113	
0734-F	FS	NFS	Gamma	U-235	0.0863	0.0713	0.1197	U
0734-F	FS	NFS	Gamma	U-238	-2.485	-9.057	14.64	U
0734-G	FS	NFS	Gamma	Am-241	0.4518	0.4638	0.7794	U
0734-G	FS	NFS	Gamma	Th-232	1.153	0.3541	0.5789	
0734-G	FS	NFS	Gamma	U-235	0.1894	0.0694	0.1139	
0734-G	FS	NFS	Gamma	U-238	-1.405	-10.22	17.41	U
0735-A	FS	NFS	Gamma	Am-241	-0.3776	-0.4078	0.696	UH
0735-A	FS	NFS	Gamma	Th-232	0.9263	0.2238	0.3563	JH
0735-A	FS	NFS	Gamma	U-235	0.996	0.0628	0.0905	JH
0735-A	FS	NFS	Gamma	U-238	-0.4194	-5.73	9.777	UH

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					Analytical Result	Error (2-sigma)	MDC	
0735-B	FS	PARAGON	LSC	Tc-99	2.3	1.2	1.8	
0735-B	FS	PARAGON	LSC	Pu-241	3.9	8.3	13.8	U
0735-B	FS	PARAGON	Gamma	Am-241	-0.31	0.7	1.3	U
0735-B	FS	PARAGON	Gamma	Th-232	1.27	0.49	0.8	J
0735-B	FS	PARAGON	Gamma	U-235	0.46	0.38	0.58	U
0735-B	FS	PARAGON	Alpha	Am-241	0.032	0.023	0.011	
0735-B	FS	PARAGON	Alpha	Pu-238	0.005	0.023	0.013	U
0735-B	FS	PARAGON	Alpha	Pu-239/240	0	0.023	0.05	U
0735-B	FS	PARAGON	Alpha	Pu-242	0.007	0.029	0.019	U
0735-B	FS	PARAGON	Alpha	Th-230	0.75	0.19	0.14	
0735-B	FS	PARAGON	Alpha	Th-232	1.01	0.23	0.05	
0735-B	FS	PARAGON	Alpha	U-233/234	19.1	3.2	0.1	
0735-B	FS	PARAGON	Alpha	U-235	0.85	0.24	0.12	
0735-B	FS	PARAGON	Alpha	U-238	4.1	0.76	0.11	
0735-B	FS	NFS	Gamma	Am-241	-0.3439	-0.2834	0.4838	UH
0735-B	FS	NFS	Gamma	Th-232	1.233	0.2549	0.408	JH
0735-B	FS	NFS	Gamma	U-235	0.9681	0.0633	0.0943	JH
0735-B	FS	NFS	Gamma	U-238	-10.56	-6.406	11.12	UH
0735-B-DUP	FD	PARAGON	LSC	Pu-241	2.1	3	4.9	U
0735-B-DUP	FD	PARAGON	Gamma	Am-241	-0.03	0.54	0.99	U
0735-B-DUP	FD	PARAGON	Gamma	Th-232	1.33	0.5	0.72	J
0735-B-DUP	FD	PARAGON	Gamma	U-235	0.79	0.35	0.55	
0735-B-DUP	FD	PARAGON	Alpha	Am-241	0.021	0.013	0.005	
0735-B-DUP	FD	PARAGON	Alpha	Pu-238	0.003	0.013	0.007	U
0735-B-DUP	FD	PARAGON	Alpha	Pu-239/240	0.031	0.02	0.019	
0735-B-DUP	FD	PARAGON	Alpha	Pu-242	0.012	0.014	0.023	U
0735-B-DUP	FD	PARAGON	Alpha	Th-230	0.96	0.2	0.06	
0735-B-DUP	FD	PARAGON	Alpha	Th-232	1.05	0.21	0.04	
0735-B-DUP	FD	PARAGON	Alpha	U-233/234	23.3	3.8	0	
0735-B-DUP	FD	PARAGON	Alpha	U-235	1.13	0.24	0.04	
0735-B-DUP	FD	PARAGON	Alpha	U-238	4.79	0.83	0.05	
0735-C	FS	NFS	Gamma	Am-241	0.163	0.3921	0.6627	UH
0735-C	FS	NFS	Gamma	Th-232	1.034	0.2133	0.3378	JH
0735-C	FS	NFS	Gamma	U-235	0.4605	0.0576	0.0909	JH
0735-C	FS	NFS	Gamma	U-238	10.59	4.895	8.035	JH
0735-D	FS	NFS	Gamma	Am-241	-0.0803	-0.2917	0.4955	UH
0735-D	FS	NFS	Gamma	Th-232	1.159	0.2863	0.4644	JH
0735-D	FS	NFS	Gamma	U-235	0.198	0.058	0.0956	JH
0735-D	FS	NFS	Gamma	U-238	2.439	5.771	9.764	UH
0735-D-DUP	FD	NFS	Gamma	Am-241	-0.0719	-0.4176	0.7094	UH
0735-D-DUP	FD	NFS	Gamma	Th-232	1.122	0.2516	0.4035	JH
0735-D-DUP	FD	NFS	Gamma	U-235	0.2092	0.06	0.0986	JH
0735-D-DUP	FD	NFS	Gamma	U-238	6.05	5.484	9.192	UH
0735-E	FS	NFS	Gamma	Am-241	-0.1714	-0.3083	0.5246	UH
0735-E	FS	NFS	Gamma	Th-232	2.028	0.2984	0.4642	JH
0735-E	FS	NFS	Gamma	U-235	0.13	0.0592	0.0986	JH
0735-E	FS	NFS	Gamma	U-238	-6.849	-7.891	13.57	UH
0735-F	FS	NFS	Gamma	Am-241	0.4065	0.4621	0.7772	UH
0735-F	FS	NFS	Gamma	Th-232	0.5179	0.3188	0.5249	UH
0735-F	FS	NFS	Gamma	U-235	0.0267	0.0656	0.1058	UH
0735-F	FS	NFS	Gamma	U-238	-1.102	-7.166	12.25	UH
0736-A	FS	NFS	Gamma	Am-241	-0.0896	-0.3556	0.6048	U
0736-A	FS	NFS	Gamma	Th-232	1.209	0.1997	0.3063	
0736-A	FS	NFS	Gamma	U-235	0.2637	0.0536	0.0869	

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0736-A	FS	NFS	Gamma	U-238	-1.191	-5.133	8.792	U
0736-B	FS	NFS	Gamma	Am-241	0.2182	0.2674	0.4502	U
0736-B	FS	NFS	Gamma	Th-232	0.7582	0.2474	0.4052	
0736-B	FS	NFS	Gamma	U-235	0.1959	0.0504	0.0824	
0736-B	FS	NFS	Gamma	U-238	5.358	5.101	8.561	U
0736-C	FS	NFS	Gamma	Am-241	-0.5245	-0.4308	0.7369	U
0736-C	FS	NFS	Gamma	Th-232	1.419	0.2716	0.4326	
0736-C	FS	NFS	Gamma	U-235	0.1464	0.0625	0.1035	
0736-C	FS	NFS	Gamma	U-238	4.385	5.47	9.216	U
0736-C-DUP	FD	NFS	Gamma	Am-241	0.3404	0.3158	0.5306	U
0736-C-DUP	FD	NFS	Gamma	Th-232	2.016	0.309	0.4856	
0736-C-DUP	FD	NFS	Gamma	U-235	0.1395	0.0619	0.1032	
0736-C-DUP	FD	NFS	Gamma	U-238	5.225	5.723	9.625	U
0736-D	FS	PARAGON	LSC	Tc-99	-0.4	1	1.7	U
0736-D	FS	NFS	Gamma	Am-241	0.1046	0.2104	0.6649	U
0736-D	FS	NFS	Gamma	Th-232	0.7951	0.2683	0.4338	
0736-D	FS	NFS	Gamma	U-235	0.1349	0.0546	0.0906	
0736-D	FS	NFS	Gamma	U-238	7.993	4.822	7.995	U
0736-E	FS	NFS	Gamma	Am-241	-0.2824	-0.2782	0.475	U
0736-E	FS	NFS	Gamma	Th-232	1.679	0.2478	0.3833	
0736-E	FS	NFS	Gamma	U-235	0.1336	0.0562	0.0935	
0736-E	FS	NFS	Gamma	U-238	-4.574	-6.032	10.37	U
0736-F	FS	NFS	Gamma	Am-241	-0.1968	-0.4115	0.7014	U
0736-F	FS	NFS	Gamma	Th-232	0.664	0.2666	0.4396	
0736-F	FS	NFS	Gamma	U-235	0.0298	0.0574	0.0968	U
0736-F	FS	NFS	Gamma	U-238	-0.1374	-5.646	10.35	U
0736-G	FS	NFS	Gamma	Am-241	-0.4372	-0.2364	0.4073	U
0736-G	FS	NFS	Gamma	Th-232	0.5629	0.2072	0.3381	
0736-G	FS	NFS	Gamma	U-235	0.0227	0.051	0.0855	U
0736-G	FS	NFS	Gamma	U-238	5.978	6.383	9.312	U
0737-A	FS	NFS	Gamma	Am-241	0.1899	0.2701	0.4552	U
0737-A	FS	NFS	Gamma	Th-232	0.6704	0.255	0.4246	
0737-A	FS	NFS	Gamma	U-235	0.0722	0.0538	0.0889	U
0737-A	FS	NFS	Gamma	U-238	0.6812	5.841	9.931	U
0737-B	FS	NFS	Gamma	Am-241	-0.3788	-0.923	1.561	U
0737-B	FS	NFS	Gamma	Th-232	1.606	0.258	0.4053	
0737-B	FS	NFS	Gamma	U-235	0.0984	0.0611	0.1024	U
0737-B	FS	NFS	Gamma	U-238	3.845	5.754	9.734	U
0737-C	FS	NFS	Gamma	Am-241	0.6008	0.2807	0.4665	
0737-C	FS	NFS	Gamma	Th-232	1.517	0.274	0.4351	
0737-C	FS	NFS	Gamma	U-235	0.1205	0.0572	0.095	
0737-C	FS	NFS	Gamma	U-238	-1.752	-6.79	11.59	U
0737-D	FS	NFS	Gamma	Am-241	0.1878	0.9107	1.537	U
0737-D	FS	NFS	Gamma	Th-232	1.694	0.2455	0.3795	
0737-D	FS	NFS	Gamma	U-235	0.0575	0.0618	0.1006	U
0737-D	FS	NFS	Gamma	U-238	-0.0098	-5.398	9.207	U
0737-D-DUP	FD	NFS	Gamma	Am-241	0.3197	0.2798	0.4696	U
0737-D-DUP	FD	NFS	Gamma	Th-232	1.257	0.2709	0.4395	
0737-D-DUP	FD	NFS	Gamma	U-235	0.0181	0.0555	0.0944	U
0737-D-DUP	FD	NFS	Gamma	U-238	3.401	5.561	9.531	U
0737-E	FS	NFS	Gamma	Am-241	-0.3824	-0.9379	1.587	U
0737-E	FS	NFS	Gamma	Th-232	1.178	0.2193	0.3458	
0737-E	FS	NFS	Gamma	U-235	0.0768	0.0556	0.0931	U
0737-E	FS	NFS	Gamma	U-238	2.432	6.33	10.03	U

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					Analytical Result	Error (2-sigma)	MDC	
0737-F	FS	NFS	Gamma	Am-241	0.264	0.2882	0.4849	U
0737-F	FS	NFS	Gamma	Th-232	0.8295	0.2998	0.4937	
0737-F	FS	NFS	Gamma	U-235	0.0524	0.0584	0.0984	U
0737-F	FS	NFS	Gamma	U-238	4.046	6.547	11.06	U
0738-A	FS	NFS	Gamma	Am-241	0.3352	0.4022	0.6768	U
0738-A	FS	NFS	Gamma	Th-232	2.148	0.2948	0.4629	
0738-A	FS	NFS	Gamma	U-235	0.2219	0.0603	0.0993	
0738-A	FS	NFS	Gamma	U-238	8.221	6.278	10.09	U
0738-B	FS	PARAGON	LSC	Tc-99	-0.13	0.85	1.44	U
0738-B	FS	PARAGON	LSC	Pu-241	-0.2	2.7	4.6	U
0738-B	FS	PARAGON	Gamma	Am-241	-0.019	0.092	0.162	U
0738-B	FS	PARAGON	Gamma	Th-232	1.4	0.36	0.58	
0738-B	FS	PARAGON	Gamma	U-235	-0.11	0.27	0.49	U
0738-B	FS	PARAGON	Alpha	Am-241	0	0.011	0.016	U
0738-B	FS	PARAGON	Alpha	Pu-238	-0.005	0.013	0.029	U
0738-B	FS	PARAGON	Alpha	Pu-239/240	0.003	0.014	0.029	U
0738-B	FS	PARAGON	Alpha	Pu-242	0.007	0.011	0.02	U
0738-B	FS	PARAGON	Alpha	Th-230	0.72	0.15	0.06	
0738-B	FS	PARAGON	Alpha	Th-232	1.37	0.26	0.02	
0738-B	FS	PARAGON	Alpha	U-233/234	1.02	0.23	0.05	
0738-B	FS	PARAGON	Alpha	U-235	0.069	0.047	0.021	
0738-B	FS	PARAGON	Alpha	U-238	0.67	0.17	0.05	
0738-B	FS	NFS	Gamma	Am-241	-0.1841	-0.2982	0.5075	U
0738-B	FS	NFS	Gamma	Th-232	1.429	0.2906	0.4655	
0738-B	FS	NFS	Gamma	U-235	-0.0161	-0.0605	0.1029	U
0738-B	FS	NFS	Gamma	U-238	-10.69	-6.993	12.12	U
0738-B	LR	PARAGON	Alpha	Am-241	0.005	0.011	0.006	U
0738-B	LR	PARAGON	Alpha	Pu-238	0.002	0.011	0.006	U
0738-B	LR	PARAGON	Alpha	Pu-239/240	0	0.011	0.017	U
0738-B	LR	PARAGON	Alpha	U-233/234	0.92	0.22	0.03	
0738-B	LR	PARAGON	Alpha	U-235	0.008	0.028	0.021	U
0738-B	LR	PARAGON	Alpha	U-238	0.76	0.19	0.02	
0738-C	FS	NFS	Gamma	Am-241	-0.3538	-0.4187	0.7145	U
0738-C	FS	NFS	Gamma	Th-232	1.605	0.262	0.4151	
0738-C	FS	NFS	Gamma	U-235	0.0677	0.0512	0.0858	U
0738-C	FS	NFS	Gamma	U-238	2.625	6.044	10.23	U
0738-D	FS	NFS	Gamma	Am-241	0.2579	0.2661	0.4474	U
0738-D	FS	NFS	Gamma	Th-232	0.8744	0.233	0.3808	
0738-D	FS	NFS	Gamma	U-235	0.0055	0.0536	0.0906	U
0738-D	FS	NFS	Gamma	U-238	5.45	5.253	8.818	U
0738-E	FS	NFS	Gamma	Am-241	0.1245	0.5147	0.8709	U
0738-E	FS	NFS	Gamma	Th-232	2.009	0.3991	0.6413	
0738-E	FS	NFS	Gamma	U-235	0.1408	0.0713	0.1187	
0738-E	FS	NFS	Gamma	U-238	15.3	8.904	14.83	
0739-A	FS	PARAGON	LSC	Tc-99	0.7	1	1.6	U
0739-A	FS	PARAGON	LSC	Pu-241	4	7.2	11.8	U
0739-A	FS	PARAGON	Gamma	Am-241	-0.96	0.78	1.47	U
0739-A	FS	PARAGON	Gamma	Th-232	1.64	0.4	0.61	
0739-A	FS	PARAGON	Gamma	U-235	1.03	0.36	0.54	
0739-A	FS	PARAGON	Alpha	Am-241	0.031	0.027	0.033	U
0739-A	FS	PARAGON	Alpha	Pu-238	0.005	0.022	0.033	U
0739-A	FS	PARAGON	Alpha	Pu-239/240	0.032	0.031	0.042	U
0739-A	FS	PARAGON	Alpha	Pu-242	0.044	0.03	0.013	U
0739-A	FS	PARAGON	Alpha	Th-230	0.86	0.21	0.14	

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					Analytical Result	Error (2-sigma)	MDC	
0739-A	FS	PARAGON	Alpha	Th-232	1.3	0.28	0.09	
0739-A	FS	PARAGON	Alpha	U-233/234	27.9	4.7	0.1	
0739-A	FS	PARAGON	Alpha	U-235	1.2	0.33	0.08	
0739-A	FS	PARAGON	Alpha	U-238	5.19	0.99	0.09	
0739-A	FS	NFS	Gamma	Am-241	0.386	0.3293	0.5529	U
0739-A	FS	NFS	Gamma	Th-232	1.853	0.2967	0.4698	
0739-A	FS	NFS	Gamma	U-235	1.154	0.0691	0.1031	
0739-A	FS	NFS	Gamma	U-238	5.368	6.607	11.13	U
0739-B	FS	NFS	Gamma	Am-241	0.2341	0.4141	0.6988	U
0739-B	FS	NFS	Gamma	Th-232	1.838	0.3076	0.4873	
0739-B	FS	NFS	Gamma	U-235	0.3715	0.0599	0.0958	
0739-B	FS	NFS	Gamma	U-238	7.696	5.786	9.668	U
0739-C	FS	NFS	Gamma	Am-241	-0.2786	-0.3045	0.5187	U
0739-C	FS	NFS	Gamma	Th-232	1.13	0.2512	0.4032	
0739-C	FS	NFS	Gamma	U-235	0.7187	0.0644	0.1004	
0739-C	FS	NFS	Gamma	U-238	15.42	4.438	7.097	
0739-C-DUP	FD	NFS	Gamma	Am-241	-0.6666	-0.42	0.7192	U
0739-C-DUP	FD	NFS	Gamma	Th-232	1.347	0.3071	0.4918	
0739-C-DUP	FD	NFS	Gamma	U-235	0.8371	0.0661	0.0975	
0739-C-DUP	FD	NFS	Gamma	U-238	11.91	5.639	9.197	
0739-D	FS	NFS	Gamma	Am-241	0.545	0.3766	0.6445	U
0739-D	FS	NFS	Gamma	Th-232	1.214	0.2959	0.4755	
0739-D	FS	NFS	Gamma	U-235	0.2169	0.0595	0.0972	
0739-D	FS	NFS	Gamma	U-238	-1.08	-5.736	9.817	U
0739-E	FS	NFS	Gamma	Am-241	0.2393	0.2964	0.4991	U
0739-E	FS	NFS	Gamma	Th-232	1.639	0.2868	0.4597	
0739-E	FS	NFS	Gamma	U-235	0.1506	0.059	0.0979	
0739-E	FS	NFS	Gamma	U-238	-8.158	-8.505	11.29	U
0740-A	FS	NFS	Gamma	Am-241	0.1571	0.429	0.725	UH
0740-A	FS	NFS	Gamma	Th-232	1.872	0.2904	0.4526	JH
0740-A	FS	NFS	Gamma	U-235	0.1284	0.0651	0.1087	JH
0740-A	FS	NFS	Gamma	U-238	1.987	5.949	9.335	UH
0740-B	FS	NFS	Gamma	Am-241	0.1571	0.4656	0.7871	UH
0740-B	FS	NFS	Gamma	Th-232	2.45	0.2728	0.4113	JH
0740-B	FS	NFS	Gamma	U-235	0.1291	0.0632	0.1055	JH
0740-B	FS	NFS	Gamma	U-238	13.52	4.804	7.795	JH
0740-C	FS	NFS	Gamma	Am-241	-0.3522	-0.2943	0.5022	UH
0740-C	FS	NFS	Gamma	Th-232	2.067	0.2917	0.4569	JH
0740-C	FS	NFS	Gamma	U-235	0.138	0.055	0.0911	JH
0740-C	FS	NFS	Gamma	U-238	-41.33	-23.13	12.56	UH
0740-D	FS	NFS	Gamma	Am-241	0.6703	0.3958	0.6596	JH
0740-D	FS	NFS	Gamma	Th-232	1.19	0.2601	0.409	JH
0740-D	FS	NFS	Gamma	U-235	0.1333	0.0543	0.0901	JH
0740-D	FS	NFS	Gamma	U-238	-4.293	-4.002	10.22	UH
0740-E	FS	NFS	Gamma	Am-241	0.0598	0.1571	0.4862	UH
0740-E	FS	NFS	Gamma	Th-232	1.024	0.2907	0.4746	JH
0740-E	FS	NFS	Gamma	U-235	0.1695	0.0526	0.0868	JH
0740-E	FS	NFS	Gamma	U-238	-3.065	-6.297	10.79	UH
0740-F	FS	NFS	Gamma	Am-241	0.1424	0.3821	0.6462	UH
0740-F	FS	NFS	Gamma	Th-232	0.8082	0.2567	0.4058	JH
0740-F	FS	NFS	Gamma	U-235	0.1402	0.0583	0.0967	JH
0740-F	FS	NFS	Gamma	U-238	-2.144	-5.958	10.22	UH
0740-G	FS	NFS	Gamma	Am-241	-0.1721	-0.2981	0.508	UH
0740-G	FS	NFS	Gamma	Th-232	0.7274	0.3148	0.5202	JH

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					Analytical Result	Error (2-sigma)	MDC	
0740-G	FS	NFS	Gamma	U-235	0.0883	0.0602	0.1005	UH
0740-G	FS	NFS	Gamma	U-238	-16.46	-8.663	15.06	UH
0741-A	FS	NFS	Gamma	Am-241	-0.1359	-0.3624	0.6167	U
0741-A	FS	NFS	Gamma	Th-232	1.492	0.2242	0.3478	
0741-A	FS	NFS	Gamma	U-235	0.2142	0.0538	0.0853	
0741-A	FS	NFS	Gamma	U-238	-0.7786	-5.202	8.9	U
0741-B	FS	NFS	Gamma	Am-241	-0.1168	-0.2948	0.5012	U
0741-B	FS	NFS	Gamma	Th-232	1.701	0.2535	0.3965	
0741-B	FS	NFS	Gamma	U-235	0.2493	0.054	0.0877	
0741-B	FS	NFS	Gamma	U-238	-0.1842	-4.91	8.38	U
0741-C	FS	NFS	Gamma	Am-241	0.0796	0.3698	0.6262	U
0741-C	FS	NFS	Gamma	Th-232	1.571	0.2284	0.3525	
0741-C	FS	NFS	Gamma	U-235	0.1427	0.0553	0.0916	
0741-C	FS	NFS	Gamma	U-238	-11.51	-6.198	10.83	U
0741-D	FS	NFS	Gamma	Am-241	0.2501	0.3036	0.5112	U
0741-D	FS	NFS	Gamma	Th-232	1.602	0.264	0.4157	
0741-D	FS	NFS	Gamma	U-235	-0.0248	-0.059	0.0987	U
0741-D	FS	NFS	Gamma	U-238	0.7794	5.653	9.616	U
0741-E	FS	NFS	Gamma	Am-241	0.6834	0.4009	0.6684	
0741-E	FS	NFS	Gamma	Th-232	1.74	0.2997	0.4752	
0741-E	FS	NFS	Gamma	U-235	0.1172	0.0687	0.1115	
0741-E	FS	NFS	Gamma	U-238	2.182	6.505	10.95	U
0742-A	FS	NFS	Gamma	Am-241	-0.0327	-0.2926	0.4962	UH
0742-A	FS	NFS	Gamma	Th-232	1.77	0.2902	0.4622	JH
0742-A	FS	NFS	Gamma	U-235	0.5083	0.0586	0.0926	JH
0742-A	FS	NFS	Gamma	U-238	-1.987	-5.13	10.28	UH
0742-B	FS	NFS	Gamma	Am-241	0.174	0.3329	0.5621	UH
0742-B	FS	NFS	Gamma	Th-232	1.361	0.2054	0.3148	JH
0742-B	FS	NFS	Gamma	U-235	0.1111	0.0549	0.0915	JH
0742-B	FS	NFS	Gamma	U-238	0.3945	5.731	8.426	UH
0742-B-DUP	FD	NFS	Gamma	Am-241	0.0624	0.2807	0.4749	UH
0742-B-DUP	FD	NFS	Gamma	Th-232	0.8595	0.3061	0.5153	JH
0742-B-DUP	FD	NFS	Gamma	U-235	-0.0364	-0.0572	0.0977	UH
0742-B-DUP	FD	NFS	Gamma	U-238	-2.342	-5.881	10.07	UH
0742-C	FS	NFS	Gamma	Am-241	0.4176	0.3903	0.6555	UH
0742-C	FS	NFS	Gamma	Th-232	1.973	0.2374	0.3597	JH
0742-C	FS	NFS	Gamma	U-235	0.1285	0.0616	0.1027	JH
0742-C	FS	NFS	Gamma	U-238	-0.4752	-5.258	8.991	UH
0742-D	FS	PARAGON	LSC	Tc-99	-0.55	0.89	1.52	U
0742-D	FS	PARAGON	LSC	Pu-241	0.7	2.5	4.3	U
0742-D	FS	PARAGON	Gamma	Am-241	0.02	0.13	0.23	U
0742-D	FS	PARAGON	Gamma	Th-232	1.36	0.43	0.71	
0742-D	FS	PARAGON	Gamma	U-235	0.08	0.4	0.7	U
0742-D	FS	PARAGON	Alpha	Am-241	0.018	0.014	0.018	U
0742-D	FS	PARAGON	Alpha	Pu-238	0.002	0.012	0.018	U
0742-D	FS	PARAGON	Alpha	Pu-239/240	0.002	0.012	0.018	U
0742-D	FS	PARAGON	Alpha	Pu-242	0.0046	0.0082	0.0128	U
0742-D	FS	PARAGON	Alpha	Th-230	0.73	0.16	0.05	
0742-D	FS	PARAGON	Alpha	Th-232	1.05	0.21	0.02	
0742-D	FS	PARAGON	Alpha	U-233/234	0.87	0.19	0.05	
0742-D	FS	PARAGON	Alpha	U-235	0	0.02	0.041	U
0742-D	FS	PARAGON	Alpha	U-238	0.55	0.13	0.03	
0742-D	FS	NFS	Gamma	Am-241	-0.1689	-0.2626	0.4473	UH
0742-D	FS	NFS	Gamma	Th-232	1.575	0.2804	0.4466	JH

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					Analytical Result	Error (2-sigma)	MDC	
0742-D	FS	NFS	Gamma	U-235	0.0446	0.0551	0.0927	UH
0742-D	FS	NFS	Gamma	U-238	4.877	7.337	12.38	UH
0742-D	LR	PARAGON	LSC	Pu-241	-0.4	2.8	4.7	U
0742-D	LR	PARAGON	Gamma	Am-241	-0.4	1	1.8	U
0742-D	LR	PARAGON	Gamma	Th-232	0.98	0.27	0.42	
0742-D	LR	PARAGON	Gamma	U-235	0.18	0.3	0.49	U
0742-D	LR	PARAGON	Alpha	Pu-242	-0.0045	0.0094	0.0208	U
0742-D	LR	PARAGON	Alpha	Th-230	0.58	0.12	0.05	J
0742-D	LR	PARAGON	Alpha	Th-232	1.01	0.2	0.02	
0742-D-DUP	FD	PARAGON	LSC	Tc-99	-0.75	0.9	1.54	U
0742-E	FS	NFS	Gamma	Am-241	-0.2341	-0.392	0.6686	UH
0742-E	FS	NFS	Gamma	Th-232	1.069	0.3002	0.4798	JH
0742-E	FS	NFS	Gamma	U-235	0.0197	0.0617	0.1031	UH
0742-E	FS	NFS	Gamma	U-238	3.436	6.602	11.46	UH
0742-F	FS	NFS	Gamma	Am-241	-0.5452	-0.3014	0.5167	UH
0742-F	FS	NFS	Gamma	Th-232	1.814	0.2829	0.4486	JH
0742-F	FS	NFS	Gamma	U-235	0.1075	0.057	0.095	JH
0742-F	FS	NFS	Gamma	U-238	2.959	7.915	13.39	UH
0742-G	FS	NFS	Gamma	Am-241	-0.4526	-0.419	0.7165	UH
0742-G	FS	NFS	Gamma	Th-232	1.48	0.2982	0.475	JH
0742-G	FS	NFS	Gamma	U-235	0.1243	0.0607	0.1012	JH
0742-G	FS	NFS	Gamma	U-238	0.5835	6.404	10.9	UH
0743-A	FS	NFS	Gamma	Am-241	-0.7325	-0.3602	0.6153	U
0743-A	FS	NFS	Gamma	Th-232	2.743	0.2577	0.3771	
0743-A	FS	NFS	Gamma	U-235	2.626	0.0866	0.1144	
0743-A	FS	NFS	Gamma	U-238	-0.5371	-6.465	11.01	U
0743-B	FS	PARAGON	LSC	Tc-99	0.63	0.94	1.55	U
0743-B	FS	PARAGON	LSC	Pu-241	2.2	7.8	13.1	U
0743-B	FS	PARAGON	Gamma	Am-241	-0.1	0.38	0.67	U
0743-B	FS	PARAGON	Gamma	Th-232	1.7	0.37	0.5	
0743-B	FS	PARAGON	Gamma	U-235	1.84	0.39	0.48	
0743-B	FS	PARAGON	Alpha	Am-241	0.033	0.026	0.013	
0743-B	FS	PARAGON	Alpha	Pu-238	0.014	0.026	0.045	U
0743-B	FS	PARAGON	Alpha	Pu-239/240	0.067	0.042	0.045	
0743-B	FS	PARAGON	Alpha	Pu-242	0.024	0.029	0.044	U
0743-B	FS	PARAGON	Alpha	Th-230	0.91	0.22	0.14	
0743-B	FS	PARAGON	Alpha	Th-232	1.15	0.25	0.09	
0743-B	FS	PARAGON	Alpha	U-233/234	37.5	6.3	0.1	
0743-B	FS	PARAGON	Alpha	U-235	1.7	0.42	0.09	
0743-B	FS	PARAGON	Alpha	U-238	6	1.1	0.1	
0743-B	FS	NFS	Gamma	Am-241	-0.3312	-0.4601	0.7831	U
0743-B	FS	NFS	Gamma	Th-232	2.67	0.2617	0.3897	
0743-B	FS	NFS	Gamma	U-235	1.859	0.0782	0.1011	
0743-B	FS	NFS	Gamma	U-238	-4.906	-5.922	10.21	U
0743-C	FS	NFS	Gamma	Am-241	-0.0294	-0.3065	0.5195	U
0743-C	FS	NFS	Gamma	Th-232	1.343	0.3027	0.4899	
0743-C	FS	NFS	Gamma	U-235	0.3495	0.0636	0.1034	
0743-C	FS	NFS	Gamma	U-238	-2.933	-6.36	10.89	U
0743-D	FS	NFS	Gamma	Am-241	0.1575	0.3633	0.6139	U
0743-D	FS	NFS	Gamma	Th-232	1.46	0.2211	0.3438	
0743-D	FS	NFS	Gamma	U-235	0.0673	0.0537	0.0902	U
0743-D	FS	NFS	Gamma	U-238	-8.883	-5.019	8.802	U
0743-E	FS	NFS	Gamma	Am-241	-0.11	-0.2752	0.4677	U
0743-E	FS	NFS	Gamma	Th-232	0.9656	0.2978	0.4859	

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					Analytical Result	Error (2-sigma)	MDC	
0743-E	FS	NFS	Gamma	U-235	0.1547	0.0562	0.0919	
0743-E	FS	NFS	Gamma	U-238	-0.947	-5.773	9.86	U
0743-F	FS	NFS	Gamma	Am-241	-0.0985	-1.249	0.6651	U
0743-F	FS	NFS	Gamma	Th-232	1.213	0.2665	0.4288	
0743-F	FS	NFS	Gamma	U-235	0.1158	0.053	0.0882	
0743-F	FS	NFS	Gamma	U-238	-5.243	-5.266	9.144	U
0743-G	FS	NFS	Gamma	Am-241	-0.6687	-0.4273	0.7346	U
0743-G	FS	NFS	Gamma	Th-232	1.142	0.3032	0.4827	
0743-G	FS	NFS	Gamma	U-235	0.1098	0.073	0.1223	U
0743-G	FS	NFS	Gamma	U-238	-1.746	-5.196	16.17	U
0744-A	FS	NFS	Gamma	Am-241	-1.384	-0.526	0.8993	UH
0744-A	FS	NFS	Gamma	Th-232	1.609	0.2643	0.4182	JH
0744-A	FS	NFS	Gamma	U-235	2.842	0.0918	0.1078	JH
0744-A	FS	NFS	Gamma	U-238	13.43	5.905	9.778	JH
0744-B	FS	PARAGON	LSC	Tc-99	2.5	1.2	1.8	
0744-B	FS	PARAGON	LSC	Pu-241	-0.9	3.9	6.7	U
0744-B	FS	PARAGON	Gamma	Am-241	0.15	0.18	0.3	U
0744-B	FS	PARAGON	Gamma	Th-232	1.4	0.57	0.98	J
0744-B	FS	PARAGON	Gamma	U-235	1.12	0.55	0.84	J
0744-B	FS	PARAGON	Alpha	Am-241	0.027	0.018	0.007	
0744-B	FS	PARAGON	Alpha	Pu-238	0.012	0.015	0.008	J
0744-B	FS	PARAGON	Alpha	Pu-239/240	0.028	0.021	0.023	
0744-B	FS	PARAGON	Alpha	Pu-242	0.008	0.013	0.021	U
0744-B	FS	PARAGON	Alpha	Th-230	1.07	0.21	0.05	
0744-B	FS	PARAGON	Alpha	Th-232	1.59	0.29	0.02	
0744-B	FS	PARAGON	Alpha	U-233/234	24.8	3.9	0	
0744-B	FS	PARAGON	Alpha	U-235	1.1	0.21	0.01	
0744-B	FS	PARAGON	Alpha	U-238	5.06	0.82	0.02	
0744-B	FS	NFS	Gamma	Am-241	-1.056	-0.5123	0.8795	U
0744-B	FS	NFS	Gamma	Th-232	2.136	0.3522	0.5535	
0744-B	FS	NFS	Gamma	U-235	1.437	0.0807	0.1143	
0744-B	FS	NFS	Gamma	U-238	16.68	6.579	10.8	
0744-B	LR	PARAGON	LSC	Tc-99	3.2	1.3	1.9	
0744-C	FS	NFS	Gamma	Am-241	-0.6605	-0.3514	0.6015	UH
0744-C	FS	NFS	Gamma	Th-232	2.482	0.3197	0.4972	JH
0744-C	FS	NFS	Gamma	U-235	1.275	0.0739	0.1095	JH
0744-C	FS	NFS	Gamma	U-238	2.105	9.19	15.57	UH
0744-D	FS	NFS	Gamma	Am-241	-0.4469	-0.3222	0.5506	UH
0744-D	FS	NFS	Gamma	Th-232	1.652	0.2592	0.4046	JH
0744-D	FS	NFS	Gamma	U-235	1.045	0.0698	0.1048	JH
0744-D	FS	NFS	Gamma	U-238	12.52	6.981	12.15	JH
0744-E	FS	NFS	Gamma	Am-241	-0.3338	-0.3006	0.513	UH
0744-E	FS	NFS	Gamma	Th-232	1.728	0.3008	0.4818	JH
0744-E	FS	NFS	Gamma	U-235	1.009	0.0664	0.0994	JH
0744-E	FS	NFS	Gamma	U-238	13.98	7.366	12.31	JH
0744-F	FS	NFS	Gamma	Am-241	0.0815	0.3833	0.6492	UH
0744-F	FS	NFS	Gamma	Th-232	1.096	0.4485	0.747	JH
0744-F	FS	NFS	Gamma	U-235	0.5339	0.0615	0.0962	JH
0744-F	FS	NFS	Gamma	U-238	13.27	6.802	10.64	JH
0744-G	FS	NFS	Gamma	Am-241	0.1456	0.2962	0.5002	UH
0744-G	FS	NFS	Gamma	Th-232	1.682	0.2676	0.4183	JH
0744-G	FS	NFS	Gamma	U-235	0.2221	0.0618	0.1017	JH
0744-G	FS	NFS	Gamma	U-238	-10.27	-7.801	13.45	UH
0744-H	FS	NFS	Gamma	Am-241	-0.3502	-0.3683	0.628	UH

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0744-H	FS	NFS	Gamma	Th-232	1.499	0.3961	0.6463	JH
0744-H	FS	NFS	Gamma	U-235	0.3063	0.0696	0.1139	JH
0744-H	FS	NFS	Gamma	U-238	-6.977	-10.19	17.43	UH
0744-I	FS	NFS	Gamma	Am-241	0.1664	0.2768	0.4668	UH
0744-I	FS	NFS	Gamma	Th-232	0.9472	0.2577	0.4222	JH
0744-I	FS	NFS	Gamma	U-235	0.1451	0.0547	0.0904	JH
0744-I	FS	NFS	Gamma	U-238	6.485	6.307	10.6	UH
0744-I-DUP	FD	NFS	Gamma	Am-241	-0.6074	-0.4939	0.842	UH
0744-I-DUP	FD	NFS	Gamma	Th-232	1.493	0.2706	0.4269	JH
0744-I-DUP	FD	NFS	Gamma	U-235	0.2266	0.0582	0.0955	JH
0744-I-DUP	FD	NFS	Gamma	U-238	1.67	6.829	10.07	UH
0744-J	FS	NFS	Gamma	Am-241	-0.1369	-0.4925	0.8357	UH
0744-J	FS	NFS	Gamma	Th-232	1.445	0.2607	0.4143	JH
0744-J	FS	NFS	Gamma	U-235	0.1263	0.0564	0.0935	JH
0744-J	FS	NFS	Gamma	U-238	-3.909	-7.736	10.96	UH
0745-A	FS	NFS	Gamma	Am-241	-0.2516	-0.2663	0.4545	UH
0745-A	FS	NFS	Gamma	Th-232	1.528	0.265	0.4193	JH
0745-A	FS	NFS	Gamma	U-235	0.1452	0.0536	0.0888	JH
0745-A	FS	NFS	Gamma	U-238	0.1792	7.431	12.77	UH
0745-A-DUP	FD	NFS	Gamma	Am-241	-0.1544	-0.2596	0.4422	UH
0745-A-DUP	FD	NFS	Gamma	Th-232	0.9566	0.2372	0.3827	JH
0745-A-DUP	FD	NFS	Gamma	U-235	0.1109	0.0531	0.0882	JH
0745-A-DUP	FD	NFS	Gamma	U-238	12.11	6.338	10.37	JH
0745-B	FS	NFS	Gamma	Am-241	-0.0845	-0.3523	0.5997	UH
0745-B	FS	NFS	Gamma	Th-232	1.152	0.3992	0.6597	JH
0745-B	FS	NFS	Gamma	U-235	0.0534	0.0495	0.0832	UH
0745-B	FS	NFS	Gamma	U-238	8.354	6.216	10.39	UH
0745-C	FS	NFS	Gamma	Am-241	-0.1182	-0.2805	0.4771	UH
0745-C	FS	NFS	Gamma	Th-232	1.054	0.2467	0.3939	JH
0745-C	FS	NFS	Gamma	U-235	0.0954	0.0569	0.0951	JH
0745-C	FS	NFS	Gamma	U-238	9.76	6.94	11.6	UH
0745-D	FS	NFS	Gamma	Am-241	-0.5805	-0.3647	0.6259	UH
0745-D	FS	NFS	Gamma	Th-232	1.465	0.4058	0.6697	JH
0745-D	FS	NFS	Gamma	U-235	0.1326	0.055	0.0907	JH
0745-D	FS	NFS	Gamma	U-238	13.77	6.195	10.23	JH
0745-E	FS	PARAGON	LSC	Tc-99	4.8	1.4	1.8	
0745-E	FS	PARAGON	LSC	Pu-241	1.9	2.5	4.2	U
0745-E	FS	PARAGON	Gamma	Am-241	-0.4	1.1	1.9	U
0745-E	FS	PARAGON	Gamma	Th-232	1.52	0.35	0.58	
0745-E	FS	PARAGON	Gamma	U-235	-0.16	0.34	0.61	U
0745-E	FS	PARAGON	Alpha	Am-241	0	0.0094	0.0052	U
0745-E	FS	PARAGON	Alpha	Pu-238	0.005	0.013	0.019	U
0745-E	FS	PARAGON	Alpha	Pu-239/240	0.001	0.013	0.019	U
0745-E	FS	PARAGON	Alpha	Pu-242	0.0007	0.0086	0.0203	U
0745-E	FS	PARAGON	Alpha	Th-230	0.68	0.14	0.05	
0745-E	FS	PARAGON	Alpha	Th-232	1.38	0.25	0.01	
0745-E	FS	PARAGON	Alpha	U-233/234	0.82	0.19	0.05	
0745-E	FS	PARAGON	Alpha	U-235	0.036	0.03	0.016	
0745-E	FS	PARAGON	Alpha	U-238	0.74	0.17	0.05	
0745-E	FS	NFS	Gamma	Am-241	0.0621	0.2977	0.5036	UH
0745-E	FS	NFS	Gamma	Th-232	1.862	0.2564	0.3913	JH
0745-E	FS	NFS	Gamma	U-235	0.0748	0.0605	0.0991	UH
0745-E	FS	NFS	Gamma	U-238	2.788	7.356	12.45	UH
0745-E	LR	PARAGON	Alpha	Am-241	0.0076	0.0094	0.014	U

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					Analytical Result	Error (2-sigma)	MDC	
0745-E	LR	PARAGON	Alpha	Pu-238	0.002	0.012	0.007	U
0745-E	LR	PARAGON	Alpha	Pu-239/240	0.005	0.012	0.018	U
0745-E	LR	PARAGON	Alpha	U-233/234	0.9	0.2	0.06	
0745-E	LR	PARAGON	Alpha	U-235	0.032	0.029	0.017	
0745-E	LR	PARAGON	Alpha	U-238	0.74	0.17	0.04	
0745-F	FS	NFS	Gamma	Am-241	-0.1535	-0.3996	0.6803	UH
0745-F	FS	NFS	Gamma	Th-232	1.576	0.4595	0.7524	JH
0745-F	FS	NFS	Gamma	U-235	0.0909	0.0626	0.1005	UH
0745-F	FS	NFS	Gamma	U-238	15.56	6.695	11.04	JH
0745-G	FS	NFS	Gamma	Am-241	-0.243	-0.3699	0.6309	UH
0745-G	FS	NFS	Gamma	Th-232	1.371	0.2652	0.4221	JH
0745-G	FS	NFS	Gamma	U-235	0.0976	0.0542	0.0904	JH
0745-G	FS	NFS	Gamma	U-238	1.923	5.418	9.192	UH
0745-H	FS	NFS	Gamma	Am-241	-0.2832	-0.3987	0.68	UH
0745-H	FS	NFS	Gamma	Th-232	0.9923	0.2609	0.4062	JH
0745-H	FS	NFS	Gamma	U-235	0.0561	0.0589	0.0991	UH
0745-H	FS	NFS	Gamma	U-238	-1.159	-8.122	11.33	UH
0746-A	FS	NFS	Gamma	Am-241	-0.0496	-0.3371	0.4613	UH
0746-A	FS	NFS	Gamma	Th-232	1.402	0.2008	0.3023	JH
0746-A	FS	NFS	Gamma	U-235	0.2604	0.0555	0.0905	JH
0746-A	FS	NFS	Gamma	U-238	11.14	6.428	10.7	JH
0746-B	FS	NFS	Gamma	Am-241	-0.2955	-0.3815	0.6512	UH
0746-B	FS	NFS	Gamma	Th-232	2.181	0.4021	0.6536	JH
0746-B	FS	NFS	Gamma	U-235	0.5028	0.0627	0.0978	JH
0746-B	FS	NFS	Gamma	U-238	12.68	6.074	9.714	JH
0746-C	FS	NFS	Gamma	Am-241	0.0679	0.2891	0.4889	UH
0746-C	FS	NFS	Gamma	Th-232	1.927	0.3153	0.5011	JH
0746-C	FS	NFS	Gamma	U-235	0.2534	0.0592	0.0973	JH
0746-C	FS	NFS	Gamma	U-238	-1.328	-7.001	11.94	UH
0746-D	FS	PARAGON	LSC	Tc-99	0.6	1	1.7	U
0746-D	FS	PARAGON	LSC	Tc-99	0.6	1	1.7	U
0746-D	FS	PARAGON	LSC	Pu-241	-2.1	3.6	6.2	U
0746-D	FS	PARAGON	Gamma	Am-241	0.12	0.12	0.19	U
0746-D	FS	PARAGON	Gamma	Th-232	1.51	0.47	0.73	J
0746-D	FS	PARAGON	Gamma	U-235	-0.03	0.34	0.62	U
0746-D	FS	PARAGON	Alpha	Am-241	0.005	0.011	0.006	U
0746-D	FS	PARAGON	Alpha	Pu-238	0.003	0.013	0.007	U
0746-D	FS	PARAGON	Alpha	Pu-239/240	0.005	0.013	0.019	U
0746-D	FS	PARAGON	Alpha	Pu-242	0.002	0.014	0.031	U
0746-D	FS	PARAGON	Alpha	Th-230	0.81	0.18	0.07	
0746-D	FS	PARAGON	Alpha	Th-232	1.12	0.23	0.02	
0746-D	FS	PARAGON	Alpha	U-233/234	1.9	0.33	0.03	
0746-D	FS	PARAGON	Alpha	U-235	0.075	0.035	0.023	
0746-D	FS	PARAGON	Alpha	U-238	0.79	0.16	0.03	
0746-D	FS	NFS	Gamma	Am-241	0.3469	0.2966	0.4978	U
0746-D	FS	NFS	Gamma	Th-232	1.975	0.2735	0.4234	
0746-D	FS	NFS	Gamma	U-235	0.1497	0.059	0.0977	
0746-D	FS	NFS	Gamma	U-238	6.386	10.19	17.18	U
0746-D	LR	PARAGON	LSC	Tc-99	0.3	1	1.7	U
0746-E	FS	NFS	Gamma	Am-241	0.1972	0.4229	0.7143	UH
0746-E	FS	NFS	Gamma	Th-232	1.481	0.296	0.4744	JH
0746-E	FS	NFS	Gamma	U-235	0.1992	0.0606	0.0987	JH
0746-E	FS	NFS	Gamma	U-238	-2.44	-6.891	11.78	UH
0747-A	FS	NFS	Gamma	Am-241	-0.4794	-0.3755	0.6393	UH

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0747-A	FS	NFS	Gamma	Th-232	2.757	0.3584	0.5644	JH
0747-A	FS	NFS	Gamma	U-235	2.43	0.0869	0.1195	JH
0747-A	FS	NFS	Gamma	U-238	23.25	5.911	9.501	JH
0747-A-DUP	FD	NFS	Gamma	Am-241	-0.0555	-0.5586	0.9461	UH
0747-A-DUP	FD	NFS	Gamma	Th-232	3.527	0.3167	0.478	JH
0747-A-DUP	FD	NFS	Gamma	U-235	2.704	0.0993	0.1293	JH
0747-A-DUP	FD	NFS	Gamma	U-238	8.603	5.843	9.861	UH
0747-B	FS	NFS	Gamma	Am-241	-0.0013	-0.396	0.6701	UH
0747-B	FS	NFS	Gamma	Th-232	2.766	0.3357	0.521	JH
0747-B	FS	NFS	Gamma	U-235	3.572	0.0969	0.1224	JH
0747-B	FS	NFS	Gamma	U-238	20.11	6.586	10.74	JH
0747-C	FS	NFS	Gamma	Am-241	-1.548	-0.6148	1.048	UH
0747-C	FS	NFS	Gamma	Th-232	2.709	0.302	0.4652	JH
0747-C	FS	NFS	Gamma	U-235	5.495	0.1281	0.1243	JH
0747-C	FS	NFS	Gamma	U-238	15.2	6.427	10.6	JH
0747-D	FS	NFS	Gamma	Am-241	-0.5917	-0.3795	0.6466	UH
0747-D	FS	NFS	Gamma	Th-232	1.809	0.3194	0.5117	JH
0747-D	FS	NFS	Gamma	U-235	4.512	0.1007	0.1125	JH
0747-D	FS	NFS	Gamma	U-238	18.23	6.838	11.26	JH
0747-E	FS	NFS	Gamma	Am-241	-1.52	-0.5366	0.9191	UH
0747-E	FS	NFS	Gamma	Th-232	2.051	0.3049	0.4783	JH
0747-E	FS	NFS	Gamma	U-235	3.241	0.1021	0.1258	JH
0747-E	FS	NFS	Gamma	U-238	9.688	6.884	11.5	UH
0747-F	FS	NFS	Gamma	Am-241	-0.4164	-0.337	0.5747	UH
0747-F	FS	NFS	Gamma	Th-232	1.591	0.2729	0.4324	JH
0747-F	FS	NFS	Gamma	U-235	2.381	0.0806	0.1062	JH
0747-F	FS	NFS	Gamma	U-238	9.947	6.291	10.72	UH
0747-G	FS	NFS	Gamma	Am-241	-0.7532	-0.3277	0.5617	UH
0747-G	FS	NFS	Gamma	Th-232	1.055	0.304	0.498	JH
0747-G	FS	NFS	Gamma	U-235	2.209	0.0759	0.0997	JH
0747-G	FS	NFS	Gamma	U-238	-0.1478	-6.351	10.93	UH
0747-H	FS	NFS	Gamma	Am-241	-0.7438	-0.3681	0.6306	UH
0747-H	FS	NFS	Gamma	Th-232	1.562	0.3469	0.5608	JH
0747-H	FS	NFS	Gamma	U-235	1.044	0.0717	0.108	JH
0747-H	FS	NFS	Gamma	U-238	-6.324	-50.78	14.91	UH
0748-A	FS	NFS	Gamma	Am-241	0.2784	0.3842	0.6472	UH
0748-A	FS	NFS	Gamma	Th-232	1.513	0.2809	0.4495	JH
0748-A	FS	NFS	Gamma	U-235	0.2157	0.0677	0.1086	JH
0748-A	FS	NFS	Gamma	U-238	-1.958	-4.938	8.488	UH
0748-B	FS	NFS	Gamma	Am-241	-0.2675	-0.2746	0.4688	UH
0748-B	FS	NFS	Gamma	Th-232	1.573	0.2643	0.4242	JH
0748-B	FS	NFS	Gamma	U-235	0.1031	0.0548	0.0913	JH
0748-B	FS	NFS	Gamma	U-238	-1.407	-5.918	10.12	UH
0748-C	FS	NFS	Gamma	Am-241	0.4652	0.3717	0.6227	UH
0748-C	FS	NFS	Gamma	Th-232	1.575	0.2454	0.3853	JH
0748-C	FS	NFS	Gamma	U-235	0.0632	0.0615	0.1033	UH
0748-C	FS	NFS	Gamma	U-238	-1.507	-5.396	9.242	UH
0748-D	FS	NFS	Gamma	Am-241	-0.155	-0.2904	0.4939	UH
0748-D	FS	NFS	Gamma	Th-232	2.002	0.2956	0.4649	JH
0748-D	FS	NFS	Gamma	U-235	0.0786	0.0596	0.1002	UH
0748-D	FS	NFS	Gamma	U-238	-9.914	-6.844	11.84	UH
0748-E	FS	NFS	Gamma	Am-241	-0.0177	-0.4388	0.7442	UH
0748-E	FS	NFS	Gamma	Th-232	2.052	0.312	0.4926	JH
0748-E	FS	NFS	Gamma	U-235	0.0942	0.0737	0.1238	UH

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0748-E	FS	NFS	Gamma	U-238	7.634	6.838	11.47	UH
0748-E-DUP	FD	NFS	Gamma	Am-241	-0.5212	-0.3314	0.5671	UH
0748-E-DUP	FD	NFS	Gamma	Th-232	1.514	0.3725	0.6071	JH
0748-E-DUP	FD	NFS	Gamma	U-235	0.0696	0.0656	0.1094	UH
0748-E-DUP	FD	NFS	Gamma	U-238	-1.18	-8.102	13.8	UH
0748-F	FS	NFS	Gamma	Am-241	0.3557	0.4024	0.677	UH
0748-F	FS	NFS	Gamma	Th-232	1.697	0.2819	0.446	JH
0748-F	FS	NFS	Gamma	U-235	0.1483	0.0638	0.106	JH
0748-F	FS	NFS	Gamma	U-238	2.286	5.531	9.379	UH
0748-G	FS	NFS	Gamma	Am-241	0.3167	0.405	0.6819	UH
0748-G	FS	NFS	Gamma	Th-232	1.769	0.2879	0.4548	JH
0748-G	FS	NFS	Gamma	U-235	0.1627	0.0586	0.0971	JH
0748-G	FS	NFS	Gamma	U-238	5.699	5.552	9.321	UH
0748-G-DUP	FD	NFS	Gamma	Am-241	0.5025	0.2885	0.4817	JH
0748-G-DUP	FD	NFS	Gamma	Th-232	1.75	0.298	0.473	JH
0748-G-DUP	FD	NFS	Gamma	U-235	0.2095	0.0587	0.0968	JH
0748-G-DUP	FD	NFS	Gamma	U-238	-2.815	-3.801	11.76	UH
0748-H	FS	PARAGON	LSC	Tc-99	-0.01	0.84	1.42	UJ
0748-H	FS	PARAGON	LSC	Pu-241	0.8	2.5	4.2	U
0748-H	FS	PARAGON	Gamma	Am-241	-0.2	1.1	2	U
0748-H	FS	PARAGON	Gamma	Th-232	1.09	0.3	0.52	
0748-H	FS	PARAGON	Gamma	U-235	0.05	0.36	0.62	U
0748-H	FS	PARAGON	Alpha	Am-241	0.0036	0.0088	0.0132	U
0748-H	FS	PARAGON	Alpha	Pu-238	0.002	0.011	0.017	U
0748-H	FS	PARAGON	Alpha	Pu-239/240	0.016	0.014	0.017	U
0748-H	FS	PARAGON	Alpha	Pu-242	0.018	0.013	0.014	U
0748-H	FS	PARAGON	Alpha	Th-230	0.75	0.15	0.05	
0748-H	FS	PARAGON	Alpha	Th-232	1.01	0.19	0.03	
0748-H	FS	PARAGON	Alpha	U-233/234	2.11	0.4	0.04	
0748-H	FS	PARAGON	Alpha	U-235	0.092	0.05	0.017	
0748-H	FS	PARAGON	Alpha	U-238	0.72	0.17	0.03	
0748-H	FS	NFS	Gamma	Am-241	-0.3375	-0.3962	0.6765	UH
0748-H	FS	NFS	Gamma	Th-232	1.61	0.2037	0.3028	JH
0748-H	FS	NFS	Gamma	U-235	0.0915	0.057	0.0954	UH
0748-H	FS	NFS	Gamma	U-238	2.036	6.035	10.19	UH
0748-I	FS	NFS	Gamma	Am-241	0.5702	0.2659	0.4421	JH
0748-I	FS	NFS	Gamma	Th-232	1.486	0.2724	0.4336	JH
0748-I	FS	NFS	Gamma	U-235	0.0939	0.056	0.0933	JH
0748-I	FS	NFS	Gamma	U-238	7.949	5.969	9.984	UH
0748-J	FS	NFS	Gamma	Am-241	0.1308	0.2729	0.4609	UH
0748-J	FS	NFS	Gamma	Th-232	0.7993	0.2576	0.4265	JH
0748-J	FS	NFS	Gamma	U-235	-0.0007	-0.0533	0.0903	UH
0748-J	FS	NFS	Gamma	U-238	14.21	6.179	10.19	JH
0748-J-DUP	FD	NFS	Gamma	Am-241	-0.3261	-0.4914	0.8357	UH
0748-J-DUP	FD	NFS	Gamma	Th-232	1.3	0.2941	0.4719	JH
0748-J-DUP	FD	NFS	Gamma	U-235	0.0699	0.0569	0.0954	UH
0748-J-DUP	FD	NFS	Gamma	U-238	9.114	5.191	8.616	JH
0749-A	FS	NFS	Gamma	Am-241	-0.3324	-0.4385	0.7438	UH
0749-A	FS	NFS	Gamma	Th-232	2.366	0.3047	0.4739	JH
0749-A	FS	NFS	Gamma	U-235	7.88	0.1332	0.1285	JH
0749-A	FS	NFS	Gamma	U-238	22.8	6.138	9.935	JH
0749-B	FS	NFS	Gamma	Am-241	-2.653	-0.6644	1.129	UH
0749-B	FS	NFS	Gamma	Th-232	1.626	0.2372	0.368	JH
0749-B	FS	NFS	Gamma	U-235	9.837	0.1815	0.1246	JH

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Sample ID	QC Code	Laboratory	Analysis Method	Isotope	pCi/g			Qualifier ¹
					Analytical Result	Error (2-sigma)	MDC	
0749-B	FS	NFS	Gamma	U-238	46.51	6.442	9.849	JH
0749-C	FS	NFS	Gamma	Am-241	-0.3082	-0.3798	0.6455	UH
0749-C	FS	NFS	Gamma	Th-232	1.754	0.3325	0.544	JH
0749-C	FS	NFS	Gamma	U-235	2.996	0.0915	0.1195	JH
0749-C	FS	NFS	Gamma	U-238	0.8412	6.324	10.76	UH
0749-C-DUP	FD	NFS	Gamma	Am-241	-0.5002	-0.5785	0.9841	UH
0749-C-DUP	FD	NFS	Gamma	Th-232	3.003	0.305	0.4599	JH
0749-C-DUP	FD	NFS	Gamma	U-235	3.452	0.098	0.1111	JH
0749-C-DUP	FD	NFS	Gamma	U-238	15.23	7.305	11.71	JH
0749-D	FS	NFS	Gamma	Am-241	-0.2826	-0.4338	0.7358	UH
0749-D	FS	NFS	Gamma	Th-232	2.771	0.3171	0.4858	JH
0749-D	FS	NFS	Gamma	U-235	6.652	0.128	0.136	JH
0749-D	FS	NFS	Gamma	U-238	11.28	7.441	12.43	UH
0749-E	FS	NFS	Gamma	Am-241	-0.6248	-0.4655	0.7953	UH
0749-E	FS	NFS	Gamma	Th-232	1.414	0.302	0.4823	JH
0749-E	FS	NFS	Gamma	U-235	1.822	0.0781	0.1025	JH
0749-E	FS	NFS	Gamma	U-238	12.86	6.81	11.31	JH
0749-F	FS	NFS	Gamma	Am-241	0.3276	0.3451	0.5804	UH
0749-F	FS	NFS	Gamma	Th-232	1.677	0.3466	0.5577	JH
0749-F	FS	NFS	Gamma	U-235	0.5379	0.0668	0.1061	JH
0749-F	FS	NFS	Gamma	U-238	-0.3124	-7.671	12.89	UH
0749-G	FS	NFS	Gamma	Am-241	-0.188	-0.3779	0.6409	UH
0749-G	FS	NFS	Gamma	Th-232	1.969	0.2723	0.4233	JH
0749-G	FS	NFS	Gamma	U-235	4.208	0.1009	0.118	JH
0749-G	FS	NFS	Gamma	U-238	6.623	5.703	9.559	UH
0749-H	FS	NFS	Gamma	Am-241	-1.053	-0.4344	0.7454	UH
0749-H	FS	NFS	Gamma	Th-232	1.583	0.2565	0.4038	JH
0749-H	FS	NFS	Gamma	U-235	1.661	0.075	0.0992	JH
0749-H	FS	NFS	Gamma	U-238	11.56	6.049	10.02	JH
0749-I	FS	NFS	Gamma	Am-241	-0.3148	-0.3551	0.6039	UH
0749-I	FS	NFS	Gamma	Th-232	1.476	0.2901	0.47	JH
0749-I	FS	NFS	Gamma	U-235	2.43	0.0791	0.1023	JH
0749-I	FS	NFS	Gamma	U-238	13.41	6.43	10.66	JH
0749-J	FS	NFS	Gamma	Am-241	-0.6183	-0.4655	0.7961	UH
0749-J	FS	NFS	Gamma	Th-232	1.574	0.2884	0.4568	JH
0749-J	FS	NFS	Gamma	U-235	1.184	0.0725	0.1045	JH
0749-J	FS	NFS	Gamma	U-238	4.318	6.356	10.61	UH
0749-J-DUP	FD	NFS	Gamma	Am-241	0.1579	0.3252	0.549	UH
0749-J-DUP	FD	NFS	Gamma	Th-232	1.604	0.3142	0.5022	JH
0749-J-DUP	FD	NFS	Gamma	U-235	1.303	0.0744	0.1088	JH
0749-J-DUP	FD	NFS	Gamma	U-238	5.287	8.023	13.54	UH
EB-20	EB	PARAGON	LSC	Pu-241	1.3	4.5	7.6	U
EB-20	EB	PARAGON	LSC	Tc-99	-4.8	6.3	10.8	U
EB-20	EB	PARAGON	Gamma	Am-241	0	27	45	U
EB-20	EB	PARAGON	Gamma	Th-232	14.6	9.4	14.6	LT,TI
EB-20	EB	PARAGON	Gamma	U-235	10	12	26	U
EB-20	EB	PARAGON	Alpha	Am-241	0.01	0.035	0.026	U
EB-20	EB	PARAGON	Alpha	Pu-238	-0.002	0.024	0.034	U
EB-20	EB	PARAGON	Alpha	Pu-239/240	0.012	0.024	0.051	U
EB-20	EB	PARAGON	Alpha	Pu-242	0.127	0.065	0.038	
EB-20	EB	PARAGON	Alpha	Th-230	0.26	0.11	0.14	
EB-20	EB	PARAGON	Alpha	Th-232	0.002	0.026	0.068	U
EB-20	EB	PARAGON	Alpha	U-233/234	0.084	0.065	0.069	LT
EB-20	EB	PARAGON	Alpha	U-235	0.001	0.046	0.094	U

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					Analytical Result	Error (2-sigma)	MDC	
EB-20	EB	PARAGON	Alpha	U-238	0.008	0.039	0.089	U
EB-20	LR	PARAGON	LSC	Tc-99	-8.7	6.5	11.1	U
EB-20	LR	PARAGON	Gamma	Am-241	-6	21	35	U
EB-20	LR	PARAGON	Gamma	Th-232	13.2	9.8	20.6	U
EB-20	LR	PARAGON	Gamma	U-235	0	19	31	U