

Analytical Results by Area (Area 2)

Area 2																
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL C	Dilution	% Moist	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.215	0.482	14952-40-0	PCI/G	U	0.811		1.00	39.2	
2.1.1.R.1	SAMPLE	12/2/2015	385101	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	10.5	3.46	12587-46-1	PCI/G		3.88	4.00	1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.028	0.202	14234-35-6	PCI/G	U	0.314		1.00	39.2	
2.1.1.R.1	SAMPLE	12/2/2015	385101	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	15.1	2.51	12587-47-2	PCI/G		2.48	10.0	1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.921	14913-49-6	PCI/G	UI	1.95		1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.954	0.275	14733-03-0	PCI/G		0.189		1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.412	0.161	10045-97-3	PCI/G		0.123	0.100	1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.00499	0.0647	10198-40-0	PCI/G	U	0.127		1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.12	0.203	15585-10-1	PCI/G	U	0.354		1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.10	0.172	15092-94-1	PCI/G		0.174		1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.22	0.259	15067-28-4	PCI/G		0.213		1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	22.8	2.72	13966-00-2	PCI/G		1.37		1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.695	0.928	14331-85-2	PCI/G	U	1.68		1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.954	0.275	13982-63-3	PCI/G		0.189		1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.34	0.513	15262-20-1	PCI/G		0.391		1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.387	0.102	14913-50-9	PCI/G		0.119		1.00	39.2	
2.1.1.R.1	SAMPLE	12/3/2015	385101	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.115	0.148		PCI/G	U	0.298		1.00	39.2	
2.1.1.R.5	SAMPLE	12/3/2015	385101	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0642	0.373	14952-40-0	PCI/G	U	0.675		1.00	38	
2.1.1.R.5	SAMPLE	12/2/2015	385101	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	15.2	3.77	12587-46-1	PCI/G		3.96	4.00	1.00	38	
2.1.1.R.5	SAMPLE	11/24/2015	385101	Americium-241	R	DOE EML HASL-300, Am-05-RC Modified	0.00	0.0354	14596-10-2	PCI/G		0.0527	1.00	1.00	38	
2.1.1.R.5	SAMPLE	12/3/2015	385101	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0506	0.145	14234-35-6	PCI/G	U	0.272		1.00	38	
2.1.1.R.5	SAMPLE	12/2/2015	385101	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	31.9	3.02	12587-47-2	PCI/G		2.28	10.0	1.00	38	
2.1.1.R.5	SAMPLE	12/3/2015	385101	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.827	14913-49-6	PCI/G	UI	1.97		1.00	38	
2.1.1.R.5	SAMPLE	12/3/2015	385101	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.09	0.243	14733-03-0	PCI/G		0.179		1.00	38	
2.1.1.R.5	SAMPLE	12/4/2015	385101	Carbon-14	R	EPA EERF C-01 Modified	-0.367	0.773	14762-75-5	PCI/G	U	1.33	2.00	1.00	38	
2.1.1.R.5	SAMPLE	12/3/2015	385101	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.547	0.125	10045-97-3	PCI/G		0.105	0.100	1.00	38	
2.1.1.R.5	SAMPLE	12/3/2015	385101	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00102	0.0394	10198-40-0	PCI/G	U	0.0847		1.00	38	
2.1.1.R.5	SAMPLE	11/24/2015	385101	Curium-242	R	DOE EML HASL-300, Am-05-RC Modified	0.00	0.0401	OER-100-93	PCI/G		0.0596	1.00	1.00	38	
2.1.1.R.5	SAMPLE	11/24/2015	385101	Curium-243/244	R	DOE EML HASL-300, Am-05-RC Modified	0.0174	0.0488		PCI/G		0.0521	1.00	1.00	38	
2.1.1.R.5	SAMPLE	11/24/2015	385101	Curium-245/246	R	DOE EML HASL-300, Am-05-RC Modified	0.0354	0.0695		PCI/G		0.0964	1.00	1.00	38	
2.1.1.R.5	SAMPLE	12/3/2015	385101	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.13	0.176	15585-10-1	PCI/G	U	0.304		1.00	38	
2.1.1.R.5	SAMPLE	12/2/2015	385101	Iodine-129	R	DOE EML HASL-300, I-01 Modified	-0.0436	0.248	15046-84-1	PCI/G	U	0.475	1.00	1.00	38	
2.1.1.R.5	SAMPLE	12/3/2015	385101	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.17	0.156	15092-94-1	PCI/G		0.140		1.00	38	
2.1.1.R.5	SAMPLE	12/3/2015	385101	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.20	0.278	15067-28-4	PCI/G		0.475		1.00	38	
2.1.1.R.5	SAMPLE	11/23/2015	385101	Neptunium-237	R	ASTM C 1476-00 Modified	-0.0704	0.163	13994-20-2	PCI/G	U	0.483	1.00	1.00	38	
2.1.1.R.5	SAMPLE	11/23/2015	385101	Plutonium-238	R	DOE EML HASL-300, Pu-11-RC Modified	-0.00704	0.0486	13981-16-3	PCI/G	U	0.118	1.00	1.00	38	
2.1.1.R.5	SAMPLE	11/23/2015	385101	Plutonium-239/240	R	DOE EML HASL-300, Pu-11-RC Modified	0.00959	0.0674	OER-100-70	PCI/G	U	0.139	1.00	1.00	38	
2.1.1.R.5	SAMPLE	11/25/2015	385101	Plutonium-241	R	DOE EML HASL-300, Pu-11-RC Modified	-4.74	5.44	14119-32-5	PCI/G	U	9.65	15.0	1.00	38	
2.1.1.R.5	SAMPLE	12/3/2015	385101	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	18.3	2.31	13966-00-2	PCI/G		0.968		1.00	38	
2.1.1.R.5	SAMPLE	12/3/2015	385101	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.752	14331-85-2	PCI/G	UI	1.35		1.00	38	
2.1.1.R.5	SAMPLE	12/3/2015	385101	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.09	0.243	13982-63-3	PCI/G		0.179		1.00	38	
2.1.1.R.5	SAMPLE	12/3/2015	385101	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.14	0.349	15262-20-1	PCI/G		0.335		1.00	38	
2.1.1.R.5	SAMPLE	12/2/2015	385101	Strontium-90	R	EPA 905.0 Modified/DOE RP501 Rev. 1 Modified	-0.654	0.560	10098-97-2	PCI/G	U	1.36	2.00	1.00	38	

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2.1.1.R.5	SAMPLE	11/29/2015	385101	Technetium-99	R	DOE EML HASL-300, Tc-02-RC Modified	3.12	2.16	14133-76-7	PCI/G		3.55	5.00	1.00	38
2.1.1.R.5	SAMPLE	12/3/2015	385101	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.416	0.100	14913-50-9	PCI/G		0.103		1.00	38
2.1.1.R.5	SAMPLE	11/24/2015	385101	Thorium-228	R	DOE EML HASL-300, Th-01-RC Modified	1.13	0.529	14274-82-9	PCI/G		0.459	1.00	1.00	38
2.1.1.R.5	SAMPLE	11/24/2015	385101	Thorium-229	R	DOE EML HASL-300, Th-01-RC Modified	0.0807	0.185	15594-54-4	PCI/G		0.294	1.00	1.00	38
2.1.1.R.5	SAMPLE	11/24/2015	385101	Thorium-230	R	DOE EML HASL-300, Th-01-RC Modified	0.386	0.315	14269-63-7	PCI/G		0.324	1.00	1.00	38
2.1.1.R.5	SAMPLE	11/24/2015	385101	Thorium-232	R	DOE EML HASL-300, Th-01-RC Modified	1.25	0.519	7440-29-1	PCI/G		0.253	1.00	1.00	38
2.1.1.R.5	SAMPLE	12/3/2015	385101	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.192		PCI/G	UI	0.193		1.00	38
2.1.1.R.5	SAMPLE	12/2/2015	385101	Tritium	R	EPA 906.0 Modified	3.34	2.60	10028-17-8	PCI/G		4.09	6.00	1.00	38
2.1.1.R.5	SAMPLE	11/24/2015	385101	Uranium-232	R	DOE EML HASL-300, U-02-RC Modified	0.0807	0.102	14158-29-3	PCI/G		0.157	1.00	1.00	38
2.1.1.R.5	SAMPLE	11/24/2015	385101	Uranium-233/234	R	DOE EML HASL-300, U-02-RC Modified	1.14	0.379	13968-55-3/139	PCI/G		0.191	1.00	1.00	38
2.1.1.R.5	SAMPLE	11/24/2015	385101	Uranium-235/236	R	DOE EML HASL-300, U-02-RC Modified	0.181	0.164	15117-96-1/139	PCI/G		0.151	1.00	1.00	38
2.1.1.R.5	SAMPLE	11/24/2015	385101	Uranium-238	R	DOE EML HASL-300, U-02-RC Modified	0.932	0.342	7440-61-1	PCI/G		0.150	1.00	1.00	38
2.1.2.R.1	SAMPLE	12/3/2015	385101	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0756	0.477	14952-40-0	PCI/G	U	0.785		1.00	44.8
2.1.2.R.1	SAMPLE	12/2/2015	385101	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	10.3	3.27	12587-46-1	PCI/G		3.96	4.00	1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00758	0.170	14234-35-6	PCI/G	U	0.309		1.00	44.8
2.1.2.R.1	SAMPLE	12/2/2015	385101	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	26.2	3.01	12587-47-2	PCI/G		3.22	10.0	1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	1.11	14913-49-6	PCI/G	UI	1.91		1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.815	0.223	14733-03-0	PCI/G		0.242		1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.348	0.169	10045-97-3	PCI/G		0.144	0.100	1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0384	0.071	10198-40-0	PCI/G	U	0.130		1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00384	0.250	15585-10-1	PCI/G	U	0.489		1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.874	0.154	15092-94-1	PCI/G		0.157		1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.840	0.197	15067-28-4	PCI/G		0.217		1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	15.9	2.43	13966-00-2	PCI/G		1.10		1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.464	0.717	14331-85-2	PCI/G	U	1.34		1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.815	0.223	13982-63-3	PCI/G		0.242		1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.30	0.395	15262-20-1	PCI/G		0.385		1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.259	0.129	14913-50-9	PCI/G		0.110		1.00	44.8
2.1.2.R.1	SAMPLE	12/3/2015	385101	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0935	0.132		PCI/G	U	0.221		1.00	44.8
2.1.3.R.1	SAMPLE	12/3/2015	385101	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.140	0.350	14952-40-0	PCI/G	U	0.639		1.00	30.8
2.1.3.R.1	SAMPLE	12/2/2015	385101	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	13.8	3.76	12587-46-1	PCI/G		3.91	4.00	1.00	30.8
2.1.3.R.1	SAMPLE	12/3/2015	385101	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.016	0.134	14234-35-6	PCI/G	U	0.239		1.00	30.8
2.1.3.R.1	SAMPLE	12/2/2015	385101	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	32.2	3.40	12587-47-2	PCI/G		2.94	10.0	1.00	30.8
2.1.3.R.1	SAMPLE	12/3/2015	385101	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	1.37	14913-49-6	PCI/G	UI	1.82		1.00	30.8
2.1.3.R.1	SAMPLE	12/3/2015	385101	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.04	0.206	14733-03-0	PCI/G		0.164		1.00	30.8
2.1.3.R.1	SAMPLE	12/3/2015	385101	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.288	0.0732	10045-97-3	PCI/G		0.0982	0.100	1.00	30.8
2.1.3.R.1	SAMPLE	12/3/2015	385101	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00293	0.0494	10198-40-0	PCI/G	U	0.0975		1.00	30.8
2.1.3.R.1	SAMPLE	12/3/2015	385101	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0189	0.156	15585-10-1	PCI/G	U	0.295		1.00	30.8
2.1.3.R.1	SAMPLE	12/3/2015	385101	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.23	0.139	15092-94-1	PCI/G		0.134		1.00	30.8
2.1.3.R.1	SAMPLE	12/3/2015	385101	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.05	0.219	15067-28-4	PCI/G		0.182		1.00	30.8
2.1.3.R.1	SAMPLE	12/3/2015	385101	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	20.4	2.02	13966-00-2	PCI/G		0.904		1.00	30.8
2.1.3.R.1	SAMPLE	12/3/2015	385101	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.911	14331-85-2	PCI/G	UI	1.17		1.00	30.8
2.1.3.R.1	SAMPLE	12/3/2015	385101	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.04	0.206	13982-63-3	PCI/G		0.164		1.00	30.8

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Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL.C	Dilution	% Moist	
2.1.3.R.1	SAMPLE	12/3/2015	385101	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.22	0.322	15262-20-1	PCI/G		0.237		1.00	30.8	
2.1.3.R.1	SAMPLE	12/3/2015	385101	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.357	0.101	14913-50-9	PCI/G		0.0901		1.00	30.8	
2.1.3.R.1	SAMPLE	12/3/2015	385101	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0754	0.141		PCI/G	U	0.183		1.00	30.8	
2.1.3.R.2	SAMPLE	12/29/2015	388092	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0302	0.280	14952-40-0	PCI/G	U	0.493		1.00	23.4	
2.1.3.R.2	SAMPLE	1/18/2016	388092	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.127	0.391	14952-40-0	PCI/G	U	0.692		1.00	23.4	
2.1.3.R.2	SAMPLE	1/11/2016	388092	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	8.03	2.30	12587-46-1	PCI/G		3.33	4.00	1.00	23.4	
2.1.3.R.2	SAMPLE	1/12/2016	388092	Americium-241	R	DOE EML HASL-300, Am-05-RC Modified	0.00709	0.0394	14596-10-2	PCI/G	U	0.0755	1.00	1.00	23.4	
2.1.3.R.2	SAMPLE	12/29/2015	388092	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0752	0.0966	14234-35-6	PCI/G	U	0.167		1.00	23.4	
2.1.3.R.2	SAMPLE	1/18/2016	388092	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.108	0.151	14234-35-6	PCI/G	U	0.300		1.00	23.4	
2.1.3.R.2	SAMPLE	1/11/2016	388092	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	23.1	1.60	12587-47-2	PCI/G		1.45	10.0	1.00	23.4	
2.1.3.R.2	SAMPLE	12/29/2015	388092	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.808	14913-49-6	PCI/G	U	1.37		1.00	23.4	
2.1.3.R.2	SAMPLE	1/18/2016	388092	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	1.12	14913-49-6	PCI/G	UI	1.98		1.00	23.4	
2.1.3.R.2	SAMPLE	12/29/2015	388092	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.820	0.164	14733-03-0	PCI/G		0.137		1.00	23.4	
2.1.3.R.2	SAMPLE	1/18/2016	388092	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.04	0.232	14733-03-0	PCI/G		0.213		1.00	23.4	
2.1.3.R.2	SAMPLE	1/16/2016	388092	Carbon-14	R	EPA EERF C-01 Modified	0.0874	0.821	14762-75-5	PCI/G	U	1.40	2.00	1.00	23.4	
2.1.3.R.2	SAMPLE	12/29/2015	388092	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.222	0.0669	10045-97-3	PCI/G		0.0421	0.100	1.00	23.4	
2.1.3.R.2	SAMPLE	1/18/2016	388092	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.303	0.0886	10045-97-3	PCI/G		0.115	0.100	1.00	23.4	
2.1.3.R.2	SAMPLE	12/29/2015	388092	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0195	0.0396	10198-40-0	PCI/G	U	0.0712		1.00	23.4	
2.1.3.R.2	SAMPLE	1/18/2016	388092	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.00758	0.0572	10198-40-0	PCI/G	U	0.108		1.00	23.4	
2.1.3.R.2	SAMPLE	1/12/2016	388092	Curium-242	R	DOE EML HASL-300, Am-05-RC Modified	0.00	0.0383	OER-100-93	PCI/G		0.057	1.00	1.00	23.4	
2.1.3.R.2	SAMPLE	1/12/2016	388092	Curium-243/244	R	DOE EML HASL-300, Am-05-RC Modified	-0.00325	0.028		PCI/G	U	0.0649	1.00	1.00	23.4	
2.1.3.R.2	SAMPLE	1/12/2016	388092	Curium-245/246	R	DOE EML HASL-300, Am-05-RC Modified	0.0156	0.0438		PCI/G		0.0468	1.00	1.00	23.4	
2.1.3.R.2	SAMPLE	12/29/2015	388092	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.11	0.139	15585-10-1	PCI/G	U	0.227		1.00	23.4	
2.1.3.R.2	SAMPLE	1/18/2016	388092	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.166	15585-10-1	PCI/G	UI	0.400		1.00	23.4	
2.1.3.R.2	SAMPLE	1/15/2016	388092	Iodine-129	R	DOE EML HASL-300,I-01 Modified	-0.163	0.426	15046-84-1	PCI/G	U	0.661	1.00	1.00	23.4	
2.1.3.R.2	SAMPLE	12/29/2015	388092	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.31	0.125	15092-94-1	PCI/G		0.110		1.00	23.4	
2.1.3.R.2	SAMPLE	1/18/2016	388092	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.24	0.157	15092-94-1	PCI/G		0.146		1.00	23.4	
2.1.3.R.2	SAMPLE	12/29/2015	388092	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.836	0.188	15067-28-4	PCI/G		0.145		1.00	23.4	
2.1.3.R.2	SAMPLE	1/18/2016	388092	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.24	0.257	15067-28-4	PCI/G		0.223		1.00	23.4	
2.1.3.R.2	SAMPLE	1/13/2016	388092	Neptunium-237	R	ASTM C 1476-00 Modified	-0.0129	0.298	13994-20-2	PCI/G	U	0.674	1.00	1.00	23.4	
2.1.3.R.2	SAMPLE	1/13/2016	388092	Plutonium-238	R	DOE EML HASL-300, Pu-11-RC Modified	0.102	0.097	13981-16-3	PCI/G		0.102	1.00	1.00	23.4	
2.1.3.R.2	SAMPLE	1/13/2016	388092	Plutonium-239/240	R	DOE EML HASL-300, Pu-11-RC Modified	-0.026	0.0426	OER-100-70	PCI/G	U	0.135	1.00	1.00	23.4	
2.1.3.R.2	SAMPLE	1/14/2016	388092	Plutonium-241	R	DOE EML HASL-300, Pu-11-RC Modified	-7.0	6.45	14119-32-5	PCI/G	U	11.5	15.0	1.00	23.4	
2.1.3.R.2	SAMPLE	12/29/2015	388092	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	21.4	1.75	13966-00-2	PCI/G		0.709		1.00	23.4	
2.1.3.R.2	SAMPLE	1/18/2016	388092	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	22.1	2.25	13966-00-2	PCI/G		0.793		1.00	23.4	
2.1.3.R.2	SAMPLE	12/29/2015	388092	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.657	14331-85-2	PCI/G	UI	1.11		1.00	23.4	
2.1.3.R.2	SAMPLE	1/18/2016	388092	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.865	14331-85-2	PCI/G	UI	1.49		1.00	23.4	
2.1.3.R.2	SAMPLE	12/29/2015	388092	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.820	0.164	13982-63-3	PCI/G		0.137		1.00	23.4	
2.1.3.R.2	SAMPLE	1/18/2016	388092	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.04	0.232	13982-63-3	PCI/G		0.213		1.00	23.4	
2.1.3.R.2	SAMPLE	12/29/2015	388092	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.24	0.304	15262-20-1	PCI/G		0.243		1.00	23.4	
2.1.3.R.2	SAMPLE	1/18/2016	388092	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.50	0.407	15262-20-1	PCI/G		0.346		1.00	23.4	
2.1.3.R.2	SAMPLE	1/7/2016	388092	Strontium-90	R	EPA 905.0 Modified/DOE RP501 Rev. 1 Modified	0.609	0.802	10098-97-2	PCI/G		1.37	2.00	1.00	23.4	
2.1.3.R.2	SAMPLE	1/19/2016	388092	Technetium-99	R	DOE EML HASL-300, Tc-02-RC Modified	0.813	2.06	14133-76-7	PCI/G	U	3.54	5.00	1.00	23.4	

Area 2															
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL C	Dilution	% Moist
2.1.3.R.2	SAMPLE	12/29/2015	388092	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.415	0.0764	14913-50-9	PCI/G		0.0712		1.00	23.4
2.1.3.R.2	SAMPLE	1/18/2016	388092	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.522	0.106	14913-50-9	PCI/G		0.103		1.00	23.4
2.1.3.R.2	SAMPLE	1/12/2016	388092	Thorium-228	R	DOE EML HASL-300, Th-01-RC Modified	1.13	0.756	14274-82-9	PCI/G		0.684	1.00	1.00	23.4
2.1.3.R.2	SAMPLE	1/12/2016	388092	Thorium-229	R	DOE EML HASL-300, Th-01-RC Modified	0.0533	0.296	15594-54-4	PCI/G	U	0.568	1.00	1.00	23.4
2.1.3.R.2	SAMPLE	1/12/2016	388092	Thorium-230	R	DOE EML HASL-300, Th-01-RC Modified	0.335	0.458	14269-63-7	PCI/G		0.625	1.00	1.00	23.4
2.1.3.R.2	SAMPLE	1/12/2016	388092	Thorium-232	R	DOE EML HASL-300, Th-01-RC Modified	1.20	0.724	7440-29-1	PCI/G		0.489	1.00	1.00	23.4
2.1.3.R.2	SAMPLE	12/29/2015	388092	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.133		PCI/G	U	0.144		1.00	23.4
2.1.3.R.2	SAMPLE	1/18/2016	388092	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.110		PCI/G	UI	0.200		1.00	23.4
2.1.3.R.2	SAMPLE	1/10/2016	388092	Tritium	R	EPA 906.0 Modified	-0.623	2.47	10028-17-8	PCI/G	U	4.34	6.00	1.00	23.4
2.1.3.R.2	SAMPLE	1/12/2016	388092	Uranium-232	R	DOE EML HASL-300, U-02-RC Modified	0.00139	0.0639	14158-29-3	PCI/G	U	0.140	1.00	1.00	23.4
2.1.3.R.2	SAMPLE	1/12/2016	388092	Uranium-233/234	R	DOE EML HASL-300, U-02-RC Modified	1.25	0.292	13968-55-3/139i	PCI/G		0.113	1.00	1.00	23.4
2.1.3.R.2	SAMPLE	1/12/2016	388092	Uranium-235/236	R	DOE EML HASL-300, U-02-RC Modified	0.0992	0.090	15117-96-1/139i	PCI/G		0.0826	1.00	1.00	23.4
2.1.3.R.2	SAMPLE	1/12/2016	388092	Uranium-238	R	DOE EML HASL-300, U-02-RC Modified	1.13	0.276	7440-61-1	PCI/G		0.0951	1.00	1.00	23.4
2.1.3.R.2	MS	1/16/2016	387904	Carbon-14	R	EPA EERF C-01 Modified	98.2	3.95	14762-75-5	%		2.68	2.00	1.00	23.4
2.1.3.R.2	MS	1/16/2016	388092	Carbon-14	R	EPA EERF C-01 Modified	98.2	3.95	14762-75-5	%		2.68	2.00	1.00	23.4
2.1.3.R.2	MS	1/15/2016	387899	Iodine-129	R	DOE EML HASL-300,I-01 Modified	98.7	2.32	15046-84-1	%		2.47	1.00	1.00	23.4
2.1.3.R.2	MS	1/15/2016	387901	Iodine-129	R	DOE EML HASL-300,I-01 Modified	98.7	2.32	15046-84-1	%		2.47	1.00	1.00	23.4
2.1.3.R.2	MS	1/15/2016	387904	Iodine-129	R	DOE EML HASL-300,I-01 Modified	98.7	2.32	15046-84-1	%		2.47	1.00	1.00	23.4
2.1.3.R.2	MS	1/15/2016	388092	Iodine-129	R	DOE EML HASL-300,I-01 Modified	98.7	2.32	15046-84-1	%		2.47	1.00	1.00	23.4
2.1.3.R.2	DUP	1/16/2016	387904	Carbon-14	R	EPA EERF C-01 Modified	-0.739	0.804	14762-75-5	PCI/G	U	1.40	2.00	1.00	23.4
2.1.3.R.2	DUP	1/16/2016	388092	Carbon-14	R	EPA EERF C-01 Modified	-0.739	0.804	14762-75-5	PCI/G	U	1.40	2.00	1.00	23.4
2.1.3.R.2	DUP	1/15/2016	387899	Iodine-129	R	DOE EML HASL-300,I-01 Modified	0.188	0.282	15046-84-1	PCI/G	U	0.682	1.00	1.00	23.4
2.1.3.R.2	DUP	1/15/2016	387901	Iodine-129	R	DOE EML HASL-300,I-01 Modified	0.188	0.282	15046-84-1	PCI/G	U	0.682	1.00	1.00	23.4
2.1.3.R.2	DUP	1/15/2016	387904	Iodine-129	R	DOE EML HASL-300,I-01 Modified	0.188	0.282	15046-84-1	PCI/G	U	0.682	1.00	1.00	23.4
2.1.3.R.2	DUP	1/15/2016	388092	Iodine-129	R	DOE EML HASL-300,I-01 Modified	0.188	0.282	15046-84-1	PCI/G	U	0.682	1.00	1.00	23.4
2.1.3.R.5	SAMPLE	12/3/2015	385101	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0787	0.370	14952-40-0	PCI/G	U	0.660		1.00	25.5
2.1.3.R.5	SAMPLE	12/2/2015	385101	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	14.8	3.83	12587-46-1	PCI/G		3.98	4.00	1.00	25.5
2.1.3.R.5	SAMPLE	11/24/2015	385101	Americium-241	R	DOE EML HASL-300, Am-05-RC Modified	0.0159	0.0447	14596-10-2	PCI/G		0.0477	1.00	1.00	25.5
2.1.3.R.5	SAMPLE	12/3/2015	385101	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0421	0.149	14234-35-6	PCI/G	U	0.249		1.00	25.5
2.1.3.R.5	SAMPLE	12/2/2015	385101	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	32.2	3.48	12587-47-2	PCI/G		3.52	10.0	1.00	25.5
2.1.3.R.5	SAMPLE	12/3/2015	385101	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.961	14913-49-6	PCI/G	UI	1.77		1.00	25.5
2.1.3.R.5	SAMPLE	12/3/2015	385101	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.904	0.206	14733-03-0	PCI/G		0.189		1.00	25.5
2.1.3.R.5	SAMPLE	12/4/2015	385101	Carbon-14	R	EPA EERF C-01 Modified	-0.771	0.904	14762-75-5	PCI/G	U	1.57	2.00	1.00	25.5
2.1.3.R.5	SAMPLE	12/3/2015	385101	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.222	0.0932	10045-97-3	PCI/G		0.0969	0.100	1.00	25.5
2.1.3.R.5	SAMPLE	12/3/2015	385101	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0191	0.0571	10198-40-0	PCI/G	U	0.116		1.00	25.5
2.1.3.R.5	SAMPLE	11/24/2015	385101	Curium-242	R	DOE EML HASL-300, Am-05-RC Modified	0.00	0.0363	OER-100-93	PCI/G		0.054	1.00	1.00	25.5
2.1.3.R.5	SAMPLE	11/24/2015	385101	Curium-243/244	R	DOE EML HASL-300, Am-05-RC Modified	-0.00377	0.0325		PCI/G	U	0.0754	1.00	1.00	25.5
2.1.3.R.5	SAMPLE	11/24/2015	385101	Curium-245/246	R	DOE EML HASL-300, Am-05-RC Modified	0.0546	0.0719		PCI/G	X	0.0546	1.00	1.00	25.5
2.1.3.R.5	SAMPLE	12/3/2015	385101	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0293	0.222	15585-10-1	PCI/G	U	0.407		1.00	25.5
2.1.3.R.5	SAMPLE	12/2/2015	385101	Iodine-129	R	DOE EML HASL-300,I-01 Modified	0.0945	0.141	15046-84-1	PCI/G	U	0.484	1.00	1.00	25.5
2.1.3.R.5	SAMPLE	12/3/2015	385101	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.36	0.144	15092-94-1	PCI/G		0.128		1.00	25.5
2.1.3.R.5	SAMPLE	12/3/2015	385101	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.14	0.204	15067-28-4	PCI/G		0.178		1.00	25.5
2.1.3.R.5	SAMPLE	11/23/2015	385101	Neptunium-237	R	ASTM C 1476-00 Modified	-0.0367	0.162	13994-20-2	PCI/G	U	0.424	1.00	1.00	25.5

Area 2																
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL C	Dilution	% Moist	
2.1.3.R.5	SAMPLE	11/23/2015	385101	Plutonium-238	R	DOE EML HASL-300, Pu-11-RC Modified	-0.0185	0.0428	13981-16-3	PCI/G	U	0.127	1.00	1.00	25.5	
2.1.3.R.5	SAMPLE	11/23/2015	385101	Plutonium-239/240	R	DOE EML HASL-300, Pu-11-RC Modified	0.0546	0.0967	OER-100-70	PCI/G		0.161	1.00	1.00	25.5	
2.1.3.R.5	SAMPLE	11/25/2015	385101	Plutonium-241	R	DOE EML HASL-300, Pu-11-RC Modified	-1.72	6.59	14119-32-5	PCI/G	U	11.5	15.0	1.00	25.5	
2.1.3.R.5	SAMPLE	12/3/2015	385101	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	23.4	2.39	13966-00-2	PCI/G		0.990		1.00	25.5	
2.1.3.R.5	SAMPLE	12/3/2015	385101	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.894	14331-85-2	PCI/G	UI	1.19		1.00	25.5	
2.1.3.R.5	SAMPLE	12/3/2015	385101	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.904	0.206	13982-63-3	PCI/G		0.189		1.00	25.5	
2.1.3.R.5	SAMPLE	12/3/2015	385101	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.30	0.429	15262-20-1	PCI/G		0.395		1.00	25.5	
2.1.3.R.5	SAMPLE	12/2/2015	385101	Strontium-90	R	EPA 905.0 Modified/DOE RP501 Rev. 1 Modified	0.706	0.901	10098-97-2	PCI/G		1.53	2.00	1.00	25.5	
2.1.3.R.5	SAMPLE	11/29/2015	385101	Technetium-99	R	DOE EML HASL-300, Tc-02-RC Modified	0.482	1.54	14133-76-7	PCI/G	U	2.65	5.00	1.00	25.5	
2.1.3.R.5	SAMPLE	12/3/2015	385101	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.438	0.0875	14913-50-9	PCI/G		0.0877		1.00	25.5	
2.1.3.R.5	SAMPLE	11/24/2015	385101	Thorium-228	R	DOE EML HASL-300, Th-01-RC Modified	1.50	0.741	14274-82-9	PCI/G		0.618	1.00	1.00	25.5	
2.1.3.R.5	SAMPLE	11/24/2015	385101	Thorium-229	R	DOE EML HASL-300, Th-01-RC Modified	-0.035	0.242	15594-54-4	PCI/G	U	0.589	1.00	1.00	25.5	
2.1.3.R.5	SAMPLE	11/24/2015	385101	Thorium-230	R	DOE EML HASL-300, Th-01-RC Modified	0.858	0.569	14269-63-7	PCI/G		0.557	1.00	1.00	25.5	
2.1.3.R.5	SAMPLE	11/24/2015	385101	Thorium-232	R	DOE EML HASL-300, Th-01-RC Modified	1.74	0.745	7440-29-1	PCI/G		0.237	1.00	1.00	25.5	
2.1.3.R.5	SAMPLE	12/3/2015	385101	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0537	0.150		PCI/G	U	0.141		1.00	25.5	
2.1.3.R.5	SAMPLE	12/2/2015	385101	Tritium	R	EPA 906.0 Modified	2.92	2.17	10028-17-8	PCI/G		3.39	6.00	1.00	25.5	
2.1.3.R.5	SAMPLE	11/30/2015	385101	Uranium-232	R	DOE EML HASL-300, U-02-RC Modified	-0.0456	0.0927	14158-29-3	PCI/G	U	0.227	1.00	1.00	25.5	
2.1.3.R.5	SAMPLE	11/30/2015	385101	Uranium-233/234	R	DOE EML HASL-300, U-02-RC Modified	1.08	0.212	13968-55-3/13968-55-3	PCI/G		0.0973	1.00	1.00	25.5	
2.1.3.R.5	SAMPLE	11/30/2015	385101	Uranium-235/236	R	DOE EML HASL-300, U-02-RC Modified	0.0722	0.0726	15117-96-1/13968-55-3	PCI/G		0.104	1.00	1.00	25.5	
2.1.3.R.5	SAMPLE	11/30/2015	385101	Uranium-238	R	DOE EML HASL-300, U-02-RC Modified	1.08	0.210	7440-61-1	PCI/G		0.0729	1.00	1.00	25.5	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.154	0.379	14952-40-0	PCI/G	U	0.649		1.00	46.3	
2.1.4.R.1	SAMPLE	12/2/2015	385101	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	9.24	3.19	12587-46-1	PCI/G		3.92	4.00	1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.023	0.153	14234-35-6	PCI/G	U	0.270		1.00	46.3	
2.1.4.R.1	SAMPLE	12/2/2015	385101	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	26.8	2.95	12587-47-2	PCI/G		2.71	10.0	1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.73	1.05	14913-49-6	PCI/G		1.29		1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.714	0.197	14733-03-0	PCI/G		0.194		1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.940	0.124	10045-97-3	PCI/G		0.083	0.100	1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0155	0.0656	10198-40-0	PCI/G	U	0.113		1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0304	0.208	15585-10-1	PCI/G	U	0.345		1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.728	0.143	15092-94-1	PCI/G		0.148		1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.01	0.188	15067-28-4	PCI/G		0.201		1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	15.5	1.88	13966-00-2	PCI/G		0.840		1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.669	14331-85-2	PCI/G	UI	1.04		1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.714	0.197	13982-63-3	PCI/G		0.194		1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.983	0.339	15262-20-1	PCI/G		0.304		1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.260	0.0965	14913-50-9	PCI/G		0.0944		1.00	46.3	
2.1.4.R.1	SAMPLE	12/3/2015	385101	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.124		PCI/G	UI	0.228		1.00	46.3	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.300	0.408	="14952-40-0"	PCI/G	U	0.780		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.441	0.339	="14952-40-0"	PCI/G	U	0.554		1.00	32.8	
2.1.4.R.2	SAMPLE	1/26/2016	389296	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	15.1	3.77	="12587-46-1"	PCI/G		3.56	4.00	1.00	32.8	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.146	0.174	="14234-35-6"	PCI/G	U	0.347		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0499	0.142	="14234-35-6"	PCI/G	U	0.264		1.00	32.8	
2.1.4.R.2	SAMPLE	1/26/2016	389296	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	27.1	2.91	="12587-47-2"	PCI/G		2.75	10.0	1.00	32.8	

Area 2																
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL C	Dilution	% Moist	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	1.23	="14913-49-6"	PCI/G	UI	1.58		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	1.31	="14913-49-6"	PCI/G	UI	1.75		1.00	32.8	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.696	0.176	="14733-03-0"	PCI/G		0.204		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.854	0.215	="14733-03-0"	PCI/G		0.164		1.00	32.8	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.667	0.166	="10045-97-3"	PCI/G		0.102	0.100	1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.829	0.113	="10045-97-3"	PCI/G		0.0977	0.100	1.00	32.8	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0324	0.0703	="10198-40-0"	PCI/G	U	0.148		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0209	0.0508	="10198-40-0"	PCI/G	U	0.0925		1.00	32.8	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.020	0.175	="15585-10-1"	PCI/G	U	0.347		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0112	0.145	="15585-10-1"	PCI/G	U	0.281		1.00	32.8	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.941	0.157	="15092-94-1"	PCI/G		0.181		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.19	0.141	="15092-94-1"	PCI/G		0.131		1.00	32.8	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.696	0.207	="15067-28-4"	PCI/G		0.240		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.07	0.182	="15067-28-4"	PCI/G		0.174		1.00	32.8	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	16.6	2.16	="13966-00-2"	PCI/G		1.04		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	17.7	1.99	="13966-00-2"	PCI/G		0.888		1.00	32.8	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	1.02	="14331-85-2"	PCI/G	UI	1.47		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.795	="14331-85-2"	PCI/G	UI	1.08		1.00	32.8	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.696	0.176	="13982-63-3"	PCI/G		0.204		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.854	0.215	="13982-63-3"	PCI/G		0.164		1.00	32.8	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.19	0.335	="15262-20-1"	PCI/G		0.330		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.03	0.394	="15262-20-1"	PCI/G		0.343		1.00	32.8	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.294	0.114	="14913-50-9"	PCI/G		0.105		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.422	0.0863	="14913-50-9"	PCI/G		0.101		1.00	32.8	
2.1.4.R.2	SAMPLE	1/18/2016	389296	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.205	=""	PCI/G	UI	0.209		1.00	32.8	
2.1.4.R.2	SAMPLE	2/5/2016	389296	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.124	=""	PCI/G	UI	0.100		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.27	0.311	="14952-40-0"	PCI/G	U	0.537		1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.187	0.416	="14952-40-0"	PCI/G	U	0.779		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0273	0.118	="14234-35-6"	PCI/G	U	0.222		1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00992	0.157	="14234-35-6"	PCI/G	U	0.289		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	1.24	="14913-49-6"	PCI/G	UI	1.52		1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.475	1.00	="14913-49-6"	PCI/G	U	1.65		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.598	0.169	="14733-03-0"	PCI/G		0.144		1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.02	0.196	="14733-03-0"	PCI/G		0.180		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.778	0.124	="10045-97-3"	PCI/G		0.0907	0.100	1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.859	0.139	="10045-97-3"	PCI/G		0.108	0.100	1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0274	0.0425	="10198-40-0"	PCI/G	U	0.117		1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.0537	="10198-40-0"	PCI/G	UI	0.114		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0662	0.166	="15585-10-1"	PCI/G	U	0.329		1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0584	0.167	="15585-10-1"	PCI/G	U	0.333		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.01	0.157	="15092-94-1"	PCI/G		0.166		1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.00	0.229	="15092-94-1"	PCI/G		0.182		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.758	0.174	="15067-28-4"	PCI/G		0.341		1.00	32.8	

Area 2																
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL C	Dilution	% Moist	
2.1.4.R.2	DUP	2/5/2016	389296	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.22	0.205	="15067-28-4"	PCI/G		0.442		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	18.1	1.88	="13966-00-2"	PCI/G		0.942		1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	17.8	2.08	="13966-00-2"	PCI/G		1.17		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0988	0.625	="14331-85-2"	PCI/G	U	1.16		1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.153	0.908	="14331-85-2"	PCI/G	U	1.41		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.598	0.169	="13982-63-3"	PCI/G		0.144		1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.02	0.196	="13982-63-3"	PCI/G		0.180		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.964	0.287	="15262-20-1"	PCI/G		0.295		1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.21	0.391	="15262-20-1"	PCI/G		0.509		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.315	0.0852	="14913-50-9"	PCI/G		0.0836		1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.247	0.105	="14913-50-9"	PCI/G		0.117		1.00	32.8	
2.1.4.R.2	DUP	1/18/2016	389296	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.109	=""	PCI/G	UI	0.166		1.00	32.8	
2.1.4.R.2	DUP	2/5/2016	389296	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.123	0.246	=""	PCI/G	U	0.286		1.00	32.8	
2.1.4.R.6	SAMPLE	11/17/2015	385101	Actinium-227	R	EPA 901.1	0.00	27.0	14952-40-0	PCI/L	UI	52.1		1.00	100	
2.1.4.R.6	SAMPLE	12/2/2015	385101	ALPHA	R	EPA 900.0/SW846 9310	2.30	2.34	12587-46-1	PCI/L		3.73	5.00	1.00	100	
2.1.4.R.6	SAMPLE	11/17/2015	385101	Antimony-125	R	EPA 901.1	4.70	8.70	14234-35-6	PCI/L	U	16.6		1.00	100	
2.1.4.R.6	SAMPLE	12/2/2015	385101	BETA	R	EPA 900.0/SW846 9310	0.780	2.45	12587-47-2	PCI/L	U	4.41	5.00	1.00	100	
2.1.4.R.6	SAMPLE	11/17/2015	385101	Bismuth-212	R	EPA 901.1	27.7	53.0	14913-49-6	PCI/L	U	104		1.00	100	
2.1.4.R.6	SAMPLE	42325	385101	Bismuth-214	R	EPA 901.1	1.92	13.5	14733-03-0	PCI/L	U	17.4		1.00	100	
2.1.4.R.6	SAMPLE	42325	385101	Cesium-137	R	EPA 901.1	-2.31	3.68	10045-97-3	PCI/L	U	6.47	10.0	1.00	100	
2.1.4.R.6	SAMPLE	42325	385101	Cobalt-60	R	EPA 901.1	-1.13	3.71	10198-40-0	PCI/L	U	6.93		1.00	100	
2.1.4.R.6	SAMPLE	42325	385101	Europium-154	R	EPA 901.1	-3.4	10.3	15585-10-1	PCI/L	U	19.3		1.00	100	
2.1.4.R.6	SAMPLE	42325	385101	Lead-212	R	EPA 901.1	0.00	9.61	15092-94-1	PCI/L	UI	14.1		1.00	100	
2.1.4.R.6	SAMPLE	42325	385101	Lead-214	R	EPA 901.1	-6.06	10.1	15067-28-4	PCI/L	U	14.7		1.00	100	
2.1.4.R.6	SAMPLE	42325	385101	Potassium-40	R	EPA 901.1	16.4	63.1	13966-00-2	PCI/L	U	78.1		1.00	100	
2.1.4.R.6	SAMPLE	42325	385101	Protactinium-231	R	EPA 901.1	3.68	51.3	14331-85-2	PCI/L	U	93.2		1.00	100	
2.1.4.R.6	SAMPLE	42325	385101	Radium-228	R	EPA 901.1	-3.95	18.1	15262-20-1	PCI/L	U	28.1		1.00	100	
2.1.4.R.6	SAMPLE	42325	385101	Thallium-208	R	EPA 901.1	0.00	6.73	14913-50-9	PCI/L	UI	6.79		1.00	100	
2.1.4.R.6	SAMPLE	42325	385101	Tin-126	R	EPA 901.1	0.580	9.88		PCI/L	U	16.3		1.00	100	
2.1.4.R.7	SAMPLE	42325	385101	Actinium-227	R	EPA 901.1	-0.931	27.1	14952-40-0	PCI/L	U	48.3		1.00	100	
2.1.4.R.7	SAMPLE	42340	385101	ALPHA	R	EPA 900.0/SW846 9310	3.66	2.84	12587-46-1	PCI/L		4.25	5.00	1.00	100	
2.1.4.R.7	SAMPLE	42325	385101	Antimony-125	R	EPA 901.1	5.58	8.83	14234-35-6	PCI/L	U	17.4		1.00	100	
2.1.4.R.7	SAMPLE	42340	385101	BETA	R	EPA 900.0/SW846 9310	1.50	2.51	12587-47-2	PCI/L	U	4.35	5.00	1.00	100	
2.1.4.R.7	SAMPLE	42325	385101	Bismuth-212	R	EPA 901.1	45.2	56.9	14913-49-6	PCI/L	U	105		1.00	100	
2.1.4.R.7	SAMPLE	42325	385101	Bismuth-214	R	EPA 901.1	3.34	10.1	14733-03-0	PCI/L	U	16.8		1.00	100	
2.1.4.R.7	SAMPLE	42325	385101	Cesium-137	R	EPA 901.1	-1.14	3.71	10045-97-3	PCI/L	U	6.56	10.0	1.00	100	
2.1.4.R.7	SAMPLE	42325	385101	Cobalt-60	R	EPA 901.1	-1.93	4.34	10198-40-0	PCI/L	U	7.89		1.00	100	
2.1.4.R.7	SAMPLE	42325	385101	Europium-154	R	EPA 901.1	1.81	10.3	15585-10-1	PCI/L	U	20.3		1.00	100	
2.1.4.R.7	SAMPLE	42325	385101	Lead-212	R	EPA 901.1	0.00	11.6	15092-94-1	PCI/L	UI	14.1		1.00	100	
2.1.4.R.7	SAMPLE	42325	385101	Lead-214	R	EPA 901.1	8.04	11.6	15067-28-4	PCI/L	U	18.2		1.00	100	
2.1.4.R.7	SAMPLE	42325	385101	Potassium-40	R	EPA 901.1	-14.9	53.9	13966-00-2	PCI/L	U	88.4		1.00	100	
2.1.4.R.7	SAMPLE	42325	385101	Protactinium-231	R	EPA 901.1	-4.21	55.7	14331-85-2	PCI/L	U	98.0		1.00	100	
2.1.4.R.7	SAMPLE	42325	385101	Radium-228	R	EPA 901.1	-5.09	16.9	15262-20-1	PCI/L	U	29.0		1.00	100	

Area 2															
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qual	MDL	CRDL C	Dilution	% Moist
2.1.4.R.7	SAMPLE	42325	385101	Thallium-208	R	EPA 901.1	2.34	5.38	14913-50-9	PCI/L	U	7.05		1.00	100
2.1.4.R.7	SAMPLE	42325	385101	Tin-126	R	EPA 901.1	4.05	11.3		PCI/L	U	14.6		1.00	100
2.2.1.R.1	SAMPLE	42341	385101	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0818	0.296	14952-40-0	PCI/G	U	0.517		1.00	29.9
2.2.1.R.1	SAMPLE	42340	385101	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	17.1	4.43	12587-46-1	PCI/G		3.95	4.00	1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0347	0.117	14234-35-6	PCI/G	U	0.214		1.00	29.9
2.2.1.R.1	SAMPLE	42340	385101	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	29.2	3.85	12587-47-2	PCI/G		3.28	10.0	1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.927	14913-49-6	PCI/G	UI	1.32		1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.500	0.163	14733-03-0	PCI/G		0.164		1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.42	0.147	10045-97-3	PCI/G		0.0859	0.100	1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.00874	0.0437	10198-40-0	PCI/G	U	0.0836		1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0547	0.148	15585-10-1	PCI/G	U	0.229		1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.596	0.110	15092-94-1	PCI/G		0.118		1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.581	0.182	15067-28-4	PCI/G		0.182		1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	5.34	1.15	13966-00-2	PCI/G		0.534		1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.352	0.617	14331-85-2	PCI/G	U	1.14		1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.500	0.163	13982-63-3	PCI/G		0.164		1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.506	0.235	15262-20-1	PCI/G		0.301		1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.150	0.0864	14913-50-9	PCI/G		0.073		1.00	29.9
2.2.1.R.1	SAMPLE	42341	385101	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0508	0.124		PCI/G	U	0.191		1.00	29.9
2.2.1.R.2	SAMPLE	42387	389296	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00337	0.280	="14952-40-0"	PCI/G	U	0.505		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0224	0.302	="14952-40-0"	PCI/G	U	0.533		1.00	16.2
2.2.1.R.2	SAMPLE	42395	389296	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	10.0	3.26	="12587-46-1"	PCI/G		3.92	4.00	1.00	16.2
2.2.1.R.2	SAMPLE	42387	389296	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0403	0.104	="14234-35-6"	PCI/G	U	0.187		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0473	0.109	="14234-35-6"	PCI/G	U	0.217		1.00	16.2
2.2.1.R.2	SAMPLE	42395	389296	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	18.6	2.67	="12587-47-2"	PCI/G		2.77	10.0	1.00	16.2
2.2.1.R.2	SAMPLE	42387	389296	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.235	0.653	="14913-49-6"	PCI/G	U	1.31		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.597	0.951	="14913-49-6"	PCI/G	U	1.43		1.00	16.2
2.2.1.R.2	SAMPLE	42387	389296	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.346	0.182	="14733-03-0"	PCI/G		0.181		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.716	0.148	="14733-03-0"	PCI/G		0.123		1.00	16.2
2.2.1.R.2	SAMPLE	42387	389296	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.255	0.0635	="10045-97-3"	PCI/G		0.0951	0.100	1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.317	0.0777	="10045-97-3"	PCI/G		0.0775	0.100	1.00	16.2
2.2.1.R.2	SAMPLE	42387	389296	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.00159	0.0359	="10198-40-0"	PCI/G	U	0.0765		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0101	0.0516	="10198-40-0"	PCI/G	U	0.108		1.00	16.2
2.2.1.R.2	SAMPLE	42387	389296	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0216	0.105	="15585-10-1"	PCI/G	U	0.233		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0415	0.205	="15585-10-1"	PCI/G	U	0.264		1.00	16.2
2.2.1.R.2	SAMPLE	42387	389296	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.764	0.125	="15092-94-1"	PCI/G		0.105		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.626	0.147	="15092-94-1"	PCI/G		0.132		1.00	16.2
2.2.1.R.2	SAMPLE	42387	389296	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.725	0.197	="15067-28-4"	PCI/G		0.167		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.794	0.170	="15067-28-4"	PCI/G		0.167		1.00	16.2
2.2.1.R.2	SAMPLE	42387	389296	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	6.34	1.28	="13966-00-2"	PCI/G		0.945		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	6.26	1.52	="13966-00-2"	PCI/G		0.894		1.00	16.2
2.2.1.R.2	SAMPLE	42387	389296	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.610	="14331-85-2"	PCI/G	UI	0.813		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.863	="14331-85-2"	PCI/G	UI	1.01		1.00	16.2

Area 2															
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL-C	Dilution	% Moist
2.2.1.R.2	SAMPLE	42387	389296	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.346	0.182	="13982-63-3"	PCI/G		0.181		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.716	0.148	="13982-63-3"	PCI/G		0.123		1.00	16.2
2.2.1.R.2	SAMPLE	42387	389296	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.522	0.253	="15262-20-1"	PCI/G		0.282		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.882	0.293	="15262-20-1"	PCI/G		0.282		1.00	16.2
2.2.1.R.2	SAMPLE	42387	389296	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.170	0.0689	="14913-50-9"	PCI/G		0.0718		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.148	0.0965	="14913-50-9"	PCI/G		0.101		1.00	16.2
2.2.1.R.2	SAMPLE	42387	389296	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.141	=""	PCI/G	UI	0.191		1.00	16.2
2.2.1.R.2	SAMPLE	42405	389296	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0695	0.102	=""	PCI/G	U	0.171		1.00	16.2
2.2.1.R.5	SAMPLE	42341	385101	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0467	0.327	14952-40-0	PCI/G	U	0.583		1.00	31
2.2.1.R.5	SAMPLE	42340	385101	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	8.88	3.77	12587-46-1	PCI/G		3.80	4.00	1.00	31
2.2.1.R.5	SAMPLE	42332	385101	Americium-241	R	DOE EML HASL-300, Am-05-RC Modified	0.0545	0.0745	14596-10-2	PCI/G		0.101	1.00	1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.101	0.136	14234-35-6	PCI/G	U	0.229		1.00	31
2.2.1.R.5	SAMPLE	42340	385101	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	12.0	3.25	12587-47-2	PCI/G		3.62	10.0	1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.685	14913-49-6	PCI/G	UI	1.44		1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.645	0.158	14733-03-0	PCI/G		0.147		1.00	31
2.2.1.R.5	SAMPLE	42342	385101	Carbon-14	R	EPA EERF C-01 Modified	-0.751	0.672	14762-75-5	PCI/G	U	1.17	2.00	1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.23	0.145	10045-97-3	PCI/G		0.0909	0.100	1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0565	0.0495	10198-40-0	PCI/G	U	0.0726		1.00	31
2.2.1.R.5	SAMPLE	42332	385101	Curium-242	R	DOE EML HASL-300, Am-05-RC Modified	0.00	0.0374	OER-100-93	PCI/G		0.0557	1.00	1.00	31
2.2.1.R.5	SAMPLE	42332	385101	Curium-243/244	R	DOE EML HASL-300, Am-05-RC Modified	0.000657	0.0487		PCI/G	U	0.108	1.00	1.00	31
2.2.1.R.5	SAMPLE	42332	385101	Curium-245/246	R	DOE EML HASL-300, Am-05-RC Modified	0.0144	0.0542		PCI/G	U	0.0912	1.00	1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Eurpium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.017	0.121	15585-10-1	PCI/G	U	0.241		1.00	31
2.2.1.R.5	SAMPLE	42340	385101	Iodine-129	R	DOE EML HASL-300,I-01 Modified	-0.342	0.303	15046-84-1	PCI/G	U	0.443	1.00	1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.382	0.119	15092-94-1	PCI/G		0.143		1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.643	0.200	15067-28-4	PCI/G		0.342		1.00	31
2.2.1.R.5	SAMPLE	42331	385101	Neptunium-237	R	ASTM C 1476-00 Modified	0.0856	0.330	13994-20-2	PCI/G	U	0.640	1.00	1.00	31
2.2.1.R.5	SAMPLE	42331	385101	Plutonium-238	R	DOE EML HASL-300, Pu-11-RC Modified	-0.00894	0.0395	13981-16-3	PCI/G	U	0.103	1.00	1.00	31
2.2.1.R.5	SAMPLE	42331	385101	Plutonium-239/240	R	DOE EML HASL-300, Pu-11-RC Modified	0.101	0.121	OER-100-70	PCI/G		0.185	1.00	1.00	31
2.2.1.R.5	SAMPLE	42333	385101	Plutonium-241	R	DOE EML HASL-300, Pu-11-RC Modified	1.35	6.31	14119-32-5	PCI/G	U	10.8	15.0	1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	5.44	1.15	13966-00-2	PCI/G		0.451		1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	1.34	14331-85-2	PCI/G	UI	0.965		1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.645	0.158	13982-63-3	PCI/G		0.147		1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.317	15262-20-1	PCI/G	UI	0.554		1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Strontium-90	R	EPA 905.0 Modified/DOE RP501 Rev. 1 Modified	1.59	1.12	10098-97-2	PCI/G		1.78	2.00	1.00	31
2.2.1.R.5	SAMPLE	42337	385101	Technetium-99	R	DOE EML HASL-300, Tc-02-RC Modified	1.66	2.06	14133-76-7	PCI/G	U	3.48	5.00	1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0771	0.0784	14913-50-9	PCI/G		0.0932		1.00	31
2.2.1.R.5	SAMPLE	42332	385101	Thorium-228	R	DOE EML HASL-300, Th-01-RC Modified	0.358	0.337	14274-82-9	PCI/G		0.395	1.00	1.00	31
2.2.1.R.5	SAMPLE	42332	385101	Thorium-229	R	DOE EML HASL-300, Th-01-RC Modified	0.0917	0.242	15594-54-4	PCI/G	U	0.435	1.00	1.00	31
2.2.1.R.5	SAMPLE	42332	385101	Thorium-230	R	DOE EML HASL-300, Th-01-RC Modified	0.589	0.403	14269-63-7	PCI/G		0.386	1.00	1.00	31
2.2.1.R.5	SAMPLE	42332	385101	Thorium-232	R	DOE EML HASL-300, Th-01-RC Modified	0.278	0.283	7440-29-1	PCI/G		0.280	1.00	1.00	31
2.2.1.R.5	SAMPLE	42341	385101	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0515	0.122		PCI/G	U	0.186		1.00	31
2.2.1.R.5	SAMPLE	42340	385101	Tritium	R	EPA 906.0 Modified	0.514	1.97	10028-17-8	PCI/G	U	3.63	6.00	1.00	31
2.2.1.R.5	SAMPLE	42332	385101	Uranium-232	R	DOE EML HASL-300, U-02-RC Modified	-0.0374	0.162	14158-29-3	PCI/G	U	0.366	1.00	1.00	31

Area 2															
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL C	Dilution	% Moist
2.2.1.R.5	SAMPLE	42332	385101	Uranium-233/234	R	DOE EML HASL-300, U-02-RC Modified	0.646	0.442	13968-55-3/139	PCI/G		0.541	1.00	1.00	31
2.2.1.R.5	SAMPLE	42332	385101	Uranium-235/236	R	DOE EML HASL-300, U-02-RC Modified	0.162	0.240	15117-96-1/139	PCI/G		0.351	1.00	1.00	31
2.2.1.R.5	SAMPLE	42332	385101	Uranium-238	R	DOE EML HASL-300, U-02-RC Modified	0.519	0.347	7440-61-1	PCI/G		0.255	1.00	1.00	31
2.2.2.R.1	SAMPLE	42341	385101	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.489	14952-40-0	PCI/G	UI	0.730		1.00	26.6
2.2.2.R.1	SAMPLE	42340	385101	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	6.47	2.86	12587-46-1	PCI/G		3.95	4.00	1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.104	0.177	14234-35-6	PCI/G	U	0.261		1.00	26.6
2.2.2.R.1	SAMPLE	42340	385101	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	16.4	3.07	12587-47-2	PCI/G		4.01	10.0	1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.611	14913-49-6	PCI/G	UI	1.41		1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.677	0.184	14733-03-0	PCI/G		0.187		1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.40	0.165	10045-97-3	PCI/G		0.0946	0.100	1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0232	0.0458	10198-40-0	PCI/G	U	0.102		1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0642	0.151	15585-10-1	PCI/G	U	0.255		1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.667	0.139	15092-94-1	PCI/G		0.145		1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.764	0.242	15067-28-4	PCI/G		0.185		1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	6.12	1.21	13966-00-2	PCI/G		0.827		1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.175	0.833	14331-85-2	PCI/G	U	1.32		1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.677	0.184	13982-63-3	PCI/G		0.187		1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.571	0.293	15262-20-1	PCI/G		0.315		1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0991	0.105	14913-50-9	PCI/G		0.0898		1.00	26.6
2.2.2.R.1	SAMPLE	42341	385101	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0741	0.135		PCI/G	U	0.231		1.00	26.6
2.2.2.R.2	SAMPLE	42387	389296	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.319	="14952-40-0"	PCI/G	UI	0.605		1.00	20
2.2.2.R.2	SAMPLE	42405	389296	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.214	0.303	="14952-40-0"	PCI/G	U	0.510		1.00	20
2.2.2.R.2	SAMPLE	42395	389296	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	7.09	2.89	="12587-46-1"	PCI/G		3.90	4.00	1.00	20
2.2.2.R.2	SAMPLE	42387	389296	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0529	0.114	="14234-35-6"	PCI/G	U	0.198		1.00	20
2.2.2.R.2	SAMPLE	42405	389296	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.0984	="14234-35-6"	PCI/G	UI	0.181		1.00	20
2.2.2.R.2	SAMPLE	42395	389296	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	12.7	2.32	="12587-47-2"	PCI/G		2.74	10.0	1.00	20
2.2.2.R.2	SAMPLE	42387	389296	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.704	="14913-49-6"	PCI/G	UI	0.957		1.00	20
2.2.2.R.2	SAMPLE	42405	389296	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.718	="14913-49-6"	PCI/G	UI	1.36		1.00	20
2.2.2.R.2	SAMPLE	42387	389296	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.606	0.170	="14733-03-0"	PCI/G		0.147		1.00	20
2.2.2.R.2	SAMPLE	42405	389296	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.642	0.188	="14733-03-0"	PCI/G		0.149		1.00	20
2.2.2.R.2	SAMPLE	42387	389296	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.284	0.0855	="10045-97-3"	PCI/G		0.0875	0.100	1.00	20
2.2.2.R.2	SAMPLE	42405	389296	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.270	0.0768	="10045-97-3"	PCI/G		0.082	0.100	1.00	20
2.2.2.R.2	SAMPLE	42387	389296	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0103	0.0529	="10198-40-0"	PCI/G	U	0.101		1.00	20
2.2.2.R.2	SAMPLE	42405	389296	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0192	0.0387	="10198-40-0"	PCI/G	U	0.0705		1.00	20
2.2.2.R.2	SAMPLE	42387	389296	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0219	0.126	="15585-10-1"	PCI/G	U	0.264		1.00	20
2.2.2.R.2	SAMPLE	42405	389296	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0138	0.114	="15585-10-1"	PCI/G	U	0.224		1.00	20
2.2.2.R.2	SAMPLE	42387	389296	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.779	0.121	="15092-94-1"	PCI/G		0.109		1.00	20
2.2.2.R.2	SAMPLE	42405	389296	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.525	0.146	="15092-94-1"	PCI/G		0.133		1.00	20
2.2.2.R.2	SAMPLE	42387	389296	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.524	0.181	="15067-28-4"	PCI/G		0.151		1.00	20
2.2.2.R.2	SAMPLE	42405	389296	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.716	0.159	="15067-28-4"	PCI/G		0.179		1.00	20
2.2.2.R.2	SAMPLE	42387	389296	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	8.36	1.35	="13966-00-2"	PCI/G		0.761		1.00	20
2.2.2.R.2	SAMPLE	42405	389296	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	6.56	1.14	="13966-00-2"	PCI/G		0.680		1.00	20
2.2.2.R.2	SAMPLE	42387	389296	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.351	0.610	="14331-85-2"	PCI/G	U	1.07		1.00	20

Area 2																
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL C	Dilution	% Moist	
2.2.2.R.2	SAMPLE	42405	389296	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.389	0.565	="14331-85-2"	PCI/G	U	1.08		1.00	20	
2.2.2.R.2	SAMPLE	42387	389296	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.606	0.170	="13982-63-3"	PCI/G		0.147		1.00	20	
2.2.2.R.2	SAMPLE	42405	389296	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.642	0.188	="13982-63-3"	PCI/G		0.149		1.00	20	
2.2.2.R.2	SAMPLE	42387	389296	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.543	0.322	="15262-20-1"	PCI/G		0.344		1.00	20	
2.2.2.R.2	SAMPLE	42405	389296	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.476	0.291	="15262-20-1"	PCI/G		0.308		1.00	20	
2.2.2.R.2	SAMPLE	42387	389296	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.282	0.0686	="14913-50-9"	PCI/G		0.0679		1.00	20	
2.2.2.R.2	SAMPLE	42405	389296	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.180	0.0754	="14913-50-9"	PCI/G		0.0667		1.00	20	
2.2.2.R.2	SAMPLE	42387	389296	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00946	0.109	=""	PCI/G	U	0.173		1.00	20	
2.2.2.R.2	SAMPLE	42405	389296	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.102	=""	PCI/G	UI	0.0871		1.00	20	
2.2.3.R.1	SAMPLE	42341	385101	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0949	0.359	14952-40-0	PCI/G	U	0.639		1.00	36	
2.2.3.R.1	SAMPLE	42340	385101	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	10.2	3.61	12587-46-1	PCI/G		3.75	4.00	1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0676	0.130	14234-35-6	PCI/G	U	0.241		1.00	36	
2.2.3.R.1	SAMPLE	42340	385101	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	24.7	4.05	12587-47-2	PCI/G		4.19	10.0	1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.169	0.666	14913-49-6	PCI/G	U	1.25		1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.500	0.152	14733-03-0	PCI/G		0.170		1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	2.15	0.160	10045-97-3	PCI/G		0.0822	0.100	1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.00372	0.0457	10198-40-0	PCI/G	U	0.0869		1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0139	0.131	15585-10-1	PCI/G	U	0.241		1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.686	0.121	15092-94-1	PCI/G		0.132		1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.679	0.193	15067-28-4	PCI/G		0.191		1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	7.19	1.24	13966-00-2	PCI/G		0.678		1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.131	0.777	14331-85-2	PCI/G	U	1.18		1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.500	0.152	13982-63-3	PCI/G		0.170		1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.750	0.261	15262-20-1	PCI/G		0.286		1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.211	0.0916	14913-50-9	PCI/G		0.0766		1.00	36	
2.2.3.R.1	SAMPLE	42341	385101	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0248	0.157		PCI/G	U	0.200		1.00	36	
2.2.3.R.1	DUP	42341	385101	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.228	0.379	14952-40-0	PCI/G	U	0.737		1.00	36	
2.2.3.R.1	DUP	42341	385101	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00386	0.155	14234-35-6	PCI/G	U	0.282		1.00	36	
2.2.3.R.1	DUP	42341	385101	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.812	14913-49-6	PCI/G	UI	1.72		1.00	36	
2.2.3.R.1	DUP	42341	385101	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.322	0.322	14733-03-0	PCI/G		0.226		1.00	36	
2.2.3.R.1	DUP	42341	385101	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.93	0.201	10045-97-3	PCI/G		0.115	0.100	1.00	36	
2.2.3.R.1	DUP	42341	385101	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0499	0.0563	10198-40-0	PCI/G	U	0.135		1.00	36	
2.2.3.R.1	DUP	42341	385101	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.185	0.177	15585-10-1	PCI/G	U	0.261		1.00	36	
2.2.3.R.1	DUP	42341	385101	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.449	0.125	15092-94-1	PCI/G		0.182		1.00	36	
2.2.3.R.1	DUP	42341	385101	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.543	0.217	15067-28-4	PCI/G		0.233		1.00	36	
2.2.3.R.1	DUP	42341	385101	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	5.52	1.48	13966-00-2	PCI/G		0.693		1.00	36	
2.2.3.R.1	DUP	42341	385101	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.146	0.782	14331-85-2	PCI/G	U	1.40		1.00	36	
2.2.3.R.1	DUP	42341	385101	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.322	13982-63-3	PCI/G	UI	0.226		1.00	36	
2.2.3.R.1	DUP	42341	385101	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.287	15262-20-1	PCI/G	UI	0.610		1.00	36	
2.2.3.R.1	DUP	42341	385101	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.208	0.076	14913-50-9	PCI/G		0.102		1.00	36	
2.2.3.R.1	DUP	42341	385101	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.125	0.109		PCI/G		0.173		1.00	36	
2.2.3.R.2	SAMPLE	42387	389296	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0615	0.326	="14952-40-0"	PCI/G	U	0.601		1.00	20.5	
2.2.3.R.2	SAMPLE	42405	389296	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0791	0.421	="14952-40-0"	PCI/G	U	0.771		1.00	20.5	

Area 2															
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL C	Dilution	% Moist
2.2.3.R.2	SAMPLE	42395	389296	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	6.74	2.93	="12587-46-1"	PCI/G		3.90	4.00	1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0456	0.136	="14234-35-6"	PCI/G	U	0.258		1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0468	0.179	="14234-35-6"	PCI/G	U	0.338		1.00	20.5
2.2.3.R.2	SAMPLE	42395	389296	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	8.37	2.24	="12587-47-2"	PCI/G		2.85	10.0	1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.562	0.636	="14913-49-6"	PCI/G	U	1.27		1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.259	1.04	="14913-49-6"	PCI/G	U	2.03		1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.593	0.181	="14733-03-0"	PCI/G		0.164		1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.681	0.270	="14733-03-0"	PCI/G		0.238		1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.315	0.0868	="10045-97-3"	PCI/G		0.0858	0.100	1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.260	0.0887	="10045-97-3"	PCI/G		0.122	0.100	1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.0484	="10198-40-0"	PCI/G	UI	0.117		1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0248	0.0722	="10198-40-0"	PCI/G	U	0.153		1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0481	0.119	="15585-10-1"	PCI/G	U	0.225		1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00142	0.178	="15585-10-1"	PCI/G	U	0.362		1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.698	0.135	="15092-94-1"	PCI/G		0.129		1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.834	0.166	="15092-94-1"	PCI/G		0.166		1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.750	0.195	="15067-28-4"	PCI/G		0.363		1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.736	0.283	="15067-28-4"	PCI/G		0.244		1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	5.15	1.09	="13966-00-2"	PCI/G		1.18		1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	5.11	1.41	="13966-00-2"	PCI/G		1.06		1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.887	="14331-85-2"	PCI/G	UI	1.10		1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.479	0.837	="14331-85-2"	PCI/G	U	1.54		1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.593	0.181	="13982-63-3"	PCI/G		0.164		1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.681	0.270	="13982-63-3"	PCI/G		0.238		1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.837	0.265	="15262-20-1"	PCI/G		0.298		1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.660	0.397	="15262-20-1"	PCI/G		0.365		1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.259	0.0792	="14913-50-9"	PCI/G		0.086		1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.233	0.101	="14913-50-9"	PCI/G		0.107		1.00	20.5
2.2.3.R.2	SAMPLE	42387	389296	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.152	=""	PCI/G	UI	0.204		1.00	20.5
2.2.3.R.2	SAMPLE	42405	389296	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.111	=""	PCI/G	UI	0.138		1.00	20.5
2.2.4.R.1	SAMPLE	42341	385101	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0123	0.399	14952-40-0	PCI/G	U	0.725		1.00	37
2.2.4.R.1	SAMPLE	42340	385101	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	12.8	3.89	12587-46-1	PCI/G		3.96	4.00	1.00	37
2.2.4.R.1	SAMPLE	42341	385101	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00774	0.175	14234-35-6	PCI/G	U	0.311		1.00	37
2.2.4.R.1	SAMPLE	42340	385101	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	28.2	4.34	12587-47-2	PCI/G		4.84	10.0	1.00	37
2.2.4.R.1	SAMPLE	42341	385101	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.708	14913-49-6	PCI/G	UI	1.41		1.00	37
2.2.4.R.1	SAMPLE	42341	385101	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.772	0.207	14733-03-0	PCI/G		0.172		1.00	37
2.2.4.R.1	SAMPLE	42341	385101	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.78	0.189	10045-97-3	PCI/G		0.0927	0.100	1.00	37
2.2.4.R.1	SAMPLE	42341	385101	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.024	0.0539	10198-40-0	PCI/G	U	0.0971		1.00	37
2.2.4.R.1	SAMPLE	42341	385101	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.111	0.134	15585-10-1	PCI/G	U	0.316		1.00	37
2.2.4.R.1	SAMPLE	42341	385101	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.758	0.139	15092-94-1	PCI/G		0.148		1.00	37
2.2.4.R.1	SAMPLE	42341	385101	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.959	0.212	15067-28-4	PCI/G		0.407		1.00	37
2.2.4.R.1	SAMPLE	42341	385101	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	9.68	1.62	13966-00-2	PCI/G		1.23		1.00	37
2.2.4.R.1	SAMPLE	42341	385101	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0951	0.713	14331-85-2	PCI/G	U	1.31		1.00	37

Area 2																
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL C	Dilution	% Moist	
2.2.4.R.1	SAMPLE	42341	385101	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.772	0.207	13982-63-3	PCI/G		0.172		1.00	37	
2.2.4.R.1	SAMPLE	42341	385101	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.354	15262-20-1	PCI/G	UI	0.610		1.00	37	
2.2.4.R.1	SAMPLE	42341	385101	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.183	0.0754	14913-50-9	PCI/G		0.0902		1.00	37	
2.2.4.R.1	SAMPLE	42341	385101	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.148		PCI/G	UI	0.211		1.00	37	
2.2.4.R.2	SAMPLE	42387	389296	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0338	0.315	"14952-40-0"	PCI/G	U	0.580		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0603	0.333	"14952-40-0"	PCI/G	U	0.559		1.00	19.8	
2.2.4.R.2	SAMPLE	42395	389296	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	10.2	3.10	"12587-46-1"	PCI/G		3.93	4.00	1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.136	"14234-35-6"	PCI/G	UI	0.276		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0634	0.144	"14234-35-6"	PCI/G	U	0.245		1.00	19.8	
2.2.4.R.2	SAMPLE	42395	389296	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	15.7	2.85	"12587-47-2"	PCI/G		3.69	10.0	1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.601	"14913-49-6"	PCI/G	UI	1.43		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.212	0.727	"14913-49-6"	PCI/G	U	1.39		1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.626	0.177	"14733-03-0"	PCI/G		0.153		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.645	0.203	"14733-03-0"	PCI/G		0.177		1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.129	0.0832	"10045-97-3"	PCI/G		0.0962	0.100	1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.193	0.0635	"10045-97-3"	PCI/G		0.0685	0.100	1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0153	0.043	"10198-40-0"	PCI/G	U	0.0949		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0269	0.0453	"10198-40-0"	PCI/G	U	0.105		1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0338	0.146	"15585-10-1"	PCI/G	U	0.277		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0258	0.168	"15585-10-1"	PCI/G	U	0.324		1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.659	0.122	"15092-94-1"	PCI/G		0.118		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.590	0.134	"15092-94-1"	PCI/G		0.138		1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.802	0.215	"15067-28-4"	PCI/G		0.362		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.962	0.178	"15067-28-4"	PCI/G		0.152		1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	8.33	1.71	"13966-00-2"	PCI/G		0.923		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	7.90	1.52	"13966-00-2"	PCI/G		1.23		1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.631	"14331-85-2"	PCI/G	UI	1.17		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.905	"14331-85-2"	PCI/G	UI	0.864		1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.626	0.177	"13982-63-3"	PCI/G		0.153		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.645	0.203	"13982-63-3"	PCI/G		0.177		1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.693	0.269	"15262-20-1"	PCI/G		0.397		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.746	0.309	"15262-20-1"	PCI/G		0.282		1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.134	0.0842	"14913-50-9"	PCI/G		0.0817		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.221	0.103	"14913-50-9"	PCI/G		0.0691		1.00	19.8	
2.2.4.R.2	SAMPLE	42387	389296	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.114	"	PCI/G	UI	0.157		1.00	19.8	
2.2.4.R.2	SAMPLE	42405	389296	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0605	0.109	"	PCI/G	U	0.150		1.00	19.8	
2.2.4.R.3	SAMPLE	42367	388092	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0649	0.161	14952-40-0	PCI/G	U	0.303		1.00	12	
2.2.4.R.3	SAMPLE	42387	388092	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0228	0.252	14952-40-0	PCI/G	U	0.476		1.00	12	
2.2.4.R.3	SAMPLE	42380	388092	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	12.5	2.01	12587-46-1	PCI/G		2.29	4.00	1.00	12	
2.2.4.R.3	SAMPLE	42381	388092	Americium-241	R	DOE EML HASL-300, Am-05-RC Modified	0.00897	0.0498	14596-10-2	PCI/G	U	0.0955	1.00	1.00	12	
2.2.4.R.3	SAMPLE	42367	388092	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.00906	0.0536	14234-35-6	PCI/G	U	0.102		1.00	12	
2.2.4.R.3	SAMPLE	42387	388092	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.118	14234-35-6	PCI/G	UI	0.178		1.00	12	
2.2.4.R.3	SAMPLE	42380	388092	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	18.4	1.34	12587-47-2	PCI/G		1.40	10.0	1.00	12	

Area 2															
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL C	Dilution	% Moist
2.2.4.R.3	SAMPLE	42367	388092	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.617	0.516	14913-49-6	PCI/G		0.594		1.00	12
2.2.4.R.3	SAMPLE	42387	388092	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	1.15	14913-49-6	PCI/G	UI	0.632		1.00	12
2.2.4.R.3	SAMPLE	42367	388092	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.657	0.116	14733-03-0	PCI/G		0.0768		1.00	12
2.2.4.R.3	SAMPLE	42387	388092	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.849	0.167	14733-03-0	PCI/G		0.119		1.00	12
2.2.4.R.3	SAMPLE	42385	388092	Carbon-14	R	EPA EERF C-01 Modified	-0.613	0.698	14762-75-5	PCI/G	U	1.21	2.00	1.00	12
2.2.4.R.3	SAMPLE	42367	388092	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0218	0.0241	10045-97-3	PCI/G	U	0.0404	0.100	1.00	12
2.2.4.R.3	SAMPLE	42387	388092	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.0445	10045-97-3	PCI/G	UI	0.0649	0.100	1.00	12
2.2.4.R.3	SAMPLE	42367	388092	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00385	0.0236	10198-40-0	PCI/G	U	0.0468		1.00	12
2.2.4.R.3	SAMPLE	42387	388092	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00185	0.0278	10198-40-0	PCI/G	U	0.059		1.00	12
2.2.4.R.3	SAMPLE	42381	388092	Curium-242	R	DOE EML HASL-300, Am-05-RC Modified	-0.00569	0.0491	OER-100-93	PCI/G	U	0.114	1.00	1.00	12
2.2.4.R.3	SAMPLE	42381	388092	Curium-243/244	R	DOE EML HASL-300, Am-05-RC Modified	0.0089	0.0495		PCI/G	U	0.0948	1.00	1.00	12
2.2.4.R.3	SAMPLE	42381	388092	Curium-245/246	R	DOE EML HASL-300, Am-05-RC Modified	0.0395	0.0676		PCI/G		0.0592	1.00	1.00	12
2.2.4.R.3	SAMPLE	42367	388092	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0417	0.0732	15585-10-1	PCI/G	U	0.132		1.00	12
2.2.4.R.3	SAMPLE	42387	388092	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0435	0.0987	15585-10-1	PCI/G	U	0.185		1.00	12
2.2.4.R.3	SAMPLE	42384	388092	Iodine-129	R	DOE EML HASL-300,I-01 Modified	-0.273	0.542	15046-84-1	PCI/G	U	0.955	1.00	1.00	12
2.2.4.R.3	SAMPLE	42367	388092	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.970	0.0853	15092-94-1	PCI/G		0.0668		1.00	12
2.2.4.R.3	SAMPLE	42387	388092	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.940	0.116	15092-94-1	PCI/G		0.0973		1.00	12
2.2.4.R.3	SAMPLE	42367	388092	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.889	0.117	15067-28-4	PCI/G		0.0807		1.00	12
2.2.4.R.3	SAMPLE	42387	388092	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.04	0.179	15067-28-4	PCI/G		0.112		1.00	12
2.2.4.R.3	SAMPLE	42381	388092	Neptunium-237	R	ASTM C 1476-00 Modified	0.0735	0.207	13994-20-2	PCI/G		0.221	1.00	1.00	12
2.2.4.R.3	SAMPLE	42381	388092	Plutonium-238	R	DOE EML HASL-300, Pu-11-RC Modified	0.0565	0.0787	13981-16-3	PCI/G		0.117	1.00	1.00	12
2.2.4.R.3	SAMPLE	42381	388092	Plutonium-239/240	R	DOE EML HASL-300, Pu-11-RC Modified	-0.0456	0.0411	OER-100-70	PCI/G	U	0.146	1.00	1.00	12
2.2.4.R.3	SAMPLE	42383	388092	Plutonium-241	R	DOE EML HASL-300, Pu-11-RC Modified	-3.91	7.38	14119-32-5	PCI/G	U	12.9	15.0	1.00	12
2.2.4.R.3	SAMPLE	42367	388092	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	13.2	0.999	13966-00-2	PCI/G		0.374		1.00	12
2.2.4.R.3	SAMPLE	42387	388092	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	11.5	1.26	13966-00-2	PCI/G		0.474		1.00	12
2.2.4.R.3	SAMPLE	42367	388092	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.487	14331-85-2	PCI/G	U	0.546		1.00	12
2.2.4.R.3	SAMPLE	42387	388092	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0562	0.453	14331-85-2	PCI/G	U	0.766		1.00	12
2.2.4.R.3	SAMPLE	42367	388092	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.657	0.116	13982-63-3	PCI/G		0.0768		1.00	12
2.2.4.R.3	SAMPLE	42387	388092	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.849	0.167	13982-63-3	PCI/G		0.119		1.00	12
2.2.4.R.3	SAMPLE	42367	388092	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.857	0.203	15262-20-1	PCI/G		0.132		1.00	12
2.2.4.R.3	SAMPLE	42387	388092	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.818	0.226	15262-20-1	PCI/G		0.206		1.00	12
2.2.4.R.3	SAMPLE	42375	388092	Strontium-90	R	EPA 905.0 Modified/DOE RP501 Rev. 1 Modified	-0.694	0.750	10098-97-2	PCI/G	U	1.61	2.00	1.00	12
2.2.4.R.3	SAMPLE	42388	388092	Technetium-99	R	DOE EML HASL-300, Tc-02-RC Modified	0.299	1.69	14133-76-7	PCI/G	U	2.94	5.00	1.00	12
2.2.4.R.3	SAMPLE	42367	388092	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.220	0.0626	14913-50-9	PCI/G		0.0385		1.00	12
2.2.4.R.3	SAMPLE	42387	388092	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.238	0.0753	14913-50-9	PCI/G		0.0674		1.00	12
2.2.4.R.3	SAMPLE	42381	388092	Thorium-228	R	DOE EML HASL-300, Th-01-RC Modified	1.55	0.766	14274-82-9	PCI/G		0.515	1.00	1.00	12
2.2.4.R.3	SAMPLE	42381	388092	Thorium-229	R	DOE EML HASL-300, Th-01-RC Modified	0.0631	0.237	15594-54-4	PCI/G	U	0.398	1.00	1.00	12
2.2.4.R.3	SAMPLE	42381	388092	Thorium-230	R	DOE EML HASL-300, Th-01-RC Modified	1.82	0.780	14269-63-7	PCI/G		0.249	1.00	1.00	12
2.2.4.R.3	SAMPLE	42381	388092	Thorium-232	R	DOE EML HASL-300, Th-01-RC Modified	0.806	0.540	7440-29-1	PCI/G		0.396	1.00	1.00	12
2.2.4.R.3	SAMPLE	42367	388092	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0345	0.075		PCI/G	U	0.0923		1.00	12
2.2.4.R.3	SAMPLE	42387	388092	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.158		PCI/G	UI	0.128		1.00	12
2.2.4.R.3	SAMPLE	42379	388092	Tritium	R	EPA 906.0 Modified	0.450	2.12	10028-17-8	PCI/G	U	3.66	6.00	1.00	12
2.2.4.R.3	SAMPLE	42381	388092	Uranium-232	R	DOE EML HASL-300, U-02-RC Modified	-0.00384	0.0331	14158-29-3	PCI/G	U	0.0767	1.00	1.00	12

Area 2															
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL C	Dilution	% Moist
2.2.4.R.3	SAMPLE	42381	388092	Uranium-233/234	R	DOE EML HASL-300, U-02-RC Modified	0.649	0.201	13968-55-3/1396	PCI/G		0.102	1.00	1.00	12
2.2.4.R.3	SAMPLE	42381	388092	Uranium-235/236	R	DOE EML HASL-300, U-02-RC Modified	0.070	0.0754	15117-96-1/1396	PCI/G		0.0857	1.00	1.00	12
2.2.4.R.3	SAMPLE	42381	388092	Uranium-238	R	DOE EML HASL-300, U-02-RC Modified	0.788	0.221	7440-61-1	PCI/G		0.102	1.00	1.00	12
2.2.4.R.5	SAMPLE	42341	385101	Actinium-227	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.151	0.262	14952-40-0	PCI/G	U	0.527		1.00	8.76
2.2.4.R.5	SAMPLE	42340	385101	ALPHA	R	EPA 900.0/SW846 9310/SM 7110B Modified	10.1	3.62	12587-46-1	PCI/G		3.86	4.00	1.00	8.76
2.2.4.R.5	SAMPLE	42332	385101	Americium-241	R	DOE EML HASL-300, Am-05-RC Modified	-0.00743	0.0329	14596-10-2	PCI/G	U	0.0857	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Antimony-125	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.0477	0.104	14234-35-6	PCI/G	U	0.191		1.00	8.76
2.2.4.R.5	SAMPLE	42340	385101	BETA	R	EPA 900.0/SW846 9310/SM 7110B Modified	16.8	2.71	12587-47-2	PCI/G		2.70	10.0	1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Bismuth-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.967	14913-49-6	PCI/G	UI	1.32		1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Bismuth-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.951	0.169	14733-03-0	PCI/G		0.134		1.00	8.76
2.2.4.R.5	SAMPLE	42342	385101	Carbon-14	R	EPA EERF C-01 Modified	-0.816	0.731	14762-75-5	PCI/G	U	1.28	2.00	1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Cesium-137	R	DOE HASL 300, 4.5.2.3/Ga-01-R	-0.000548	0.0432	10045-97-3	PCI/G	U	0.0809	0.100	1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Cobalt-60	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0353	0.040	10198-40-0	PCI/G	U	0.0892		1.00	8.76
2.2.4.R.5	SAMPLE	42332	385101	Curium-242	R	DOE EML HASL-300, Am-05-RC Modified	-0.00415	0.0358	OER-100-93	PCI/G	U	0.0829	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42332	385101	Curium-243/244	R	DOE EML HASL-300, Am-05-RC Modified	-0.011	0.0333		PCI/G	U	0.0935	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42332	385101	Curium-245/246	R	DOE EML HASL-300, Am-05-RC Modified	0.0177	0.0498		PCI/G		0.0531	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Europium-154	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.0266	0.123	15585-10-1	PCI/G	U	0.246		1.00	8.76
2.2.4.R.5	SAMPLE	42340	385101	Iodine-129	R	DOE EML HASL-300, I-01 Modified	-0.07	0.209	15046-84-1	PCI/G	U	0.369	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Lead-212	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.21	0.144	15092-94-1	PCI/G		0.118		1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Lead-214	R	DOE HASL 300, 4.5.2.3/Ga-01-R	1.16	0.218	15067-28-4	PCI/G		0.350		1.00	8.76
2.2.4.R.5	SAMPLE	42331	385101	Neptunium-237	R	ASTM C 1476-00 Modified	0.00	0.126	13994-20-2	PCI/G		0.187	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42331	385101	Plutonium-238	R	DOE EML HASL-300, Pu-11-RC Modified	0.000737	0.0546	13981-16-3	PCI/G	U	0.121	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42331	385101	Plutonium-239/240	R	DOE EML HASL-300, Pu-11-RC Modified	-0.00737	0.0688	OER-100-70	PCI/G	U	0.160	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42333	385101	Plutonium-241	R	DOE EML HASL-300, Pu-11-RC Modified	2.00	6.47	14119-32-5	PCI/G	U	11.1	15.0	1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Potassium-40	R	DOE HASL 300, 4.5.2.3/Ga-01-R	14.6	1.55	13966-00-2	PCI/G		0.634		1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Protactinium-231	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.443	0.598	14331-85-2	PCI/G	U	1.07		1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Radium-226	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.951	0.169	13982-63-3	PCI/G		0.134		1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Radium-228	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.746	0.335	15262-20-1	PCI/G		0.301		1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Strontium-90	R	EPA 905.0 Modified/DOE RP501 Rev. 1 Modified	0.969	0.765	10098-97-2	PCI/G		1.20	2.00	1.00	8.76
2.2.4.R.5	SAMPLE	42337	385101	Technetium-99	R	DOE EML HASL-300, Tc-02-RC Modified	0.926	1.42	14133-76-7	PCI/G	U	2.41	5.00	1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Thallium-208	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.310	0.0673	14913-50-9	PCI/G		0.0721		1.00	8.76
2.2.4.R.5	SAMPLE	42332	385101	Thorium-228	R	DOE EML HASL-300, Th-01-RC Modified	1.00	0.530	14274-82-9	PCI/G		0.472	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42332	385101	Thorium-229	R	DOE EML HASL-300, Th-01-RC Modified	-0.127	0.197	15594-54-4	PCI/G	U	0.568	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42332	385101	Thorium-230	R	DOE EML HASL-300, Th-01-RC Modified	0.809	0.457	14269-63-7	PCI/G		0.331	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42332	385101	Thorium-232	R	DOE EML HASL-300, Th-01-RC Modified	0.568	0.391	7440-29-1	PCI/G		0.330	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42341	385101	Tin-126	R	DOE HASL 300, 4.5.2.3/Ga-01-R	0.00	0.155		PCI/G	UI	0.223		1.00	8.76
2.2.4.R.5	SAMPLE	42340	385101	Tritium	R	EPA 906.0 Modified	-0.0109	1.44	10028-17-8	PCI/G	U	2.78	6.00	1.00	8.76
2.2.4.R.5	SAMPLE	42332	385101	Uranium-232	R	DOE EML HASL-300, U-02-RC Modified	0.0156	0.073	14158-29-3	PCI/G	U	0.143	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42332	385101	Uranium-233/234	R	DOE EML HASL-300, U-02-RC Modified	0.826	0.246	13968-55-3/1396	PCI/G		0.126	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42332	385101	Uranium-235/236	R	DOE EML HASL-300, U-02-RC Modified	0.0817	0.0881	15117-96-1/1396	PCI/G		0.100	1.00	1.00	8.76
2.2.4.R.5	SAMPLE	42332	385101	Uranium-238	R	DOE EML HASL-300, U-02-RC Modified	0.739	0.229	7440-61-1	PCI/G		0.0541	1.00	1.00	8.76
2.2.4.R.6	SAMPLE	42325	385101	Actinium-227	R	EPA 901.1	5.75	21.6	14952-40-0	PCI/L	U	39.9		1.00	100
2.2.4.R.6	SAMPLE	42340	385101	ALPHA	R	EPA 900.0/SW846 9310	-2.05	1.38	12587-46-1	PCI/L	U	4.22	5.00	1.00	100

Area 2															
Sample No.	Type	Analyzed	SDG	Parameter	Fraction	Method	Result	Uncertainty	CAS	Units	Lab Qua	MDL	CRDL C	Dilution	% Moist
2.2.4.R.6	SAMPLE	42325	385101	Antimony-125	R	EPA 901.1	-1.34	7.62	14234-35-6	PCI/L	U	13.5		1.00	100
2.2.4.R.6	SAMPLE	42340	385101	BETA	R	EPA 900.0/SW846 9310	0.321	2.34	12587-47-2	PCI/L	U	4.33	5.00	1.00	100
2.2.4.R.6	SAMPLE	42325	385101	Bismuth-212	R	EPA 901.1	22.7	51.3	14913-49-6	PCI/L	U	81.1		1.00	100
2.2.4.R.6	SAMPLE	42325	385101	Bismuth-214	R	EPA 901.1	0.00	11.0	14733-03-0	PCI/L	UI	12.3		1.00	100
2.2.4.R.6	SAMPLE	42325	385101	Cesium-137	R	EPA 901.1	-0.132	4.62	10045-97-3	PCI/L	U	6.86	10.0	1.00	100
2.2.4.R.6	SAMPLE	42325	385101	Cobalt-60	R	EPA 901.1	0.627	3.45	10198-40-0	PCI/L	U	6.54		1.00	100
2.2.4.R.6	SAMPLE	42325	385101	Europium-154	R	EPA 901.1	6.59	8.59	15585-10-1	PCI/L	U	17.9		1.00	100
2.2.4.R.6	SAMPLE	42325	385101	Lead-212	R	EPA 901.1	0.798	9.20	15092-94-1	PCI/L	U	11.2		1.00	100
2.2.4.R.6	SAMPLE	42325	385101	Lead-214	R	EPA 901.1	1.78	8.94	15067-28-4	PCI/L	U	13.1		1.00	100
2.2.4.R.6	SAMPLE	42325	385101	Potassium-40	R	EPA 901.1	-3.41	47.0	13966-00-2	PCI/L	U	83.7		1.00	100
2.2.4.R.6	SAMPLE	42325	385101	Protactinium-231	R	EPA 901.1	-32.4	42.5	14331-85-2	PCI/L	U	72.8		1.00	100
2.2.4.R.6	SAMPLE	42325	385101	Radium-228	R	EPA 901.1	9.08	17.9	15262-20-1	PCI/L	U	23.5		1.00	100
2.2.4.R.6	SAMPLE	42325	385101	Thallium-208	R	EPA 901.1	-1.87	4.27	14913-50-9	PCI/L	U	6.52		1.00	100
2.2.4.R.6	SAMPLE	42325	385101	Tin-126	R	EPA 901.1	-7.04	6.23		PCI/L	U	10.2		1.00	100