Attachment D

Gel Laboratories Stockpile Composite Sample Analytical Results

310 Ship Canal Stockpile Sample Data Summary

310 Ship Canal Stockpiled Soil Composite Sample Results[1]				
Composite Sample Identification	Principle Radionuclides[2] (pCi/g)			
	U-238	U-234	Ra-228	Ra-226
310-100.5.022823	2.25	3.38	0.534	3.38
310-250.5.030223	3.94	3.41	0.493[3]	3.41
310-450. S. 031723 (DUP)	3.08[3]	3.62	0.761	3.62
310-100.Y2. S. 031723	4.38	5.44	0.902	5.44
310-500.5.032223	4.46	6.74	0.791	6.74
310-500.5.032223 DUP	5.87	6.74	0.803	6.51

Notes:
1) RESRAD assumes ingrowth and equilibrium for progeny unless progeny concentrations at time zero indicated otherwise.
2) Results shown are the maximum concentrations reported for Stockpile composite samples.
3). Result was not identified above MDA and qualified as either "U" or "UI" by the Laboratory. Concentrations shown are the reported MDAs. For assessment purposes conc. are assumed to be equal to results reported for closest non-qualified positively identified progeny conc. in decay chain i.e., U-234 for U-238 and Ac-238 for Ra-228.

Sample_No	Lab_Id	Laboratory	Batch_No	Assoc_Blnk	Sample_Ty	Analyte_Ty	Collect Dat	Receive_Da	Prep_Date	Analysis_Date	SDG	Parameter	Matrix	Method	Prep_Method	Lab_Result	Uncertaint	TPU	Cas_num	Units	Lab_Qual	MDL/MDA	PQL	RL_CRDL	Dilution_Fa	Pct_Moist	Spike_Amo	RPD/RER	RPD/RER Li	Lower_Lim	Upper_Lim	Retention_	Comments
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Actinium-228	SOIL	DOE HASL	Dry Soil Prep	0.704	0.316	0.323	14331-83-0	PCI/G		0.338			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Americium-241	SOIL	DOE HASL	Dry Soil Prep	0.0118	0.199	0.199	14596-10-2	PCI/G	U	0.331			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Antimony-124	SOIL	DOE HASL	Dry Soil Prep	-0.00142	0.0729	0.0729	14683-10-4	PCI/G	U	0.168			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Antimony-125	SOIL	DOE HASL	Dry Soil Prep	0.0398	0.109	0.111	14234-35-6	PCI/G	U	0.212			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Barium-133	SOIL	DOE HASL	Dry Soil Prep	0.00424	0.0471	0.0471	13981-41-4	PCI/G	U	0.0814			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Barium-140	SOIL	DOE HASL	Dry Soil Prep	-0.297	0.715	0.728	14798-08-4	PCI/G	U	1.27			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Beryllium-7	SOIL	DOE HASL	Dry Soil Prep	-0.257	0.416	0.432	13966-02-4	PCI/G	U	0.722			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Bismuth-212	SOIL	DOE HASL	Dry Soil Prep	0.407	0.636	0.663	14913-49-6	PCI/G	U	1.18			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Bismuth-214	SOIL	DOE HASL	Dry Soil Prep	2.27	0.272	0.337	14733-03-0	PCI/G		0.136			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Cerium-139	SOIL	DOE HASL	Dry Soil Prep	-0.0206	0.0377	0.0390	13982-30-4	PCI/G	U	0.0620			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Cerium-141	SOIL	DOE HASL	Dry Soil Prep	0.0699	0.149	0.152	13967-74-3	PCI/G	U	0.182			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Cerium-144	SOIL	DOE HASL	Dry Soil Prep	0.0301	0.256	0.257	14762-78-8	PCI/G	U	0.450			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Cesium-134	SOIL	DOE HASL	Dry Soil Prep	1.09E-05	0.0484	0.0484	13967-70-9	PCI/G	U	0.0894			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Cesium-136	SOIL	DOE HASL	Dry Soil Prep	-0.109	0.270	0.274	14234-29-8	PCI/G	U	0.431			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Cesium-137	SOIL	DOE HASL	Dry Soil Prep	-0.00779	0.0377	0.0379	10045-97-3	PCI/G	U	0.0689	0.100	0.100	1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Chromium-51	SOIL	DOE HASL	Dry Soil Prep	-0.516	0.627	0.670	14392-02-0	PCI/G	U	1.09			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Cobalt-56	SOIL	DOE HASL	Dry Soil Prep	0.0395	0.0469	0.0503	14093-03-9	PCI/G	U	0.101			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Cobalt-57	SOIL	DOE HASL	Dry Soil Prep	0.00507	0.0325	0.0326	13981-50-5	PCI/G	U	0.0535			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Cobalt-58	SOIL	DOE HASL	Dry Soil Prep	-0.00847	0.0561	0.0562	13981-38-9	PCI/G	U	0.101			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Cobalt-60	SOIL	DOE HASL	Dry Soil Prep	0.0187	0.0506	0.0513	10198-40-0	PCI/G	U	0.101			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Europium-152	SOIL	DOE HASL	Dry Soil Prep	-0.0271	0.124	0.125	14683-23-9	PCI/G	U	0.204			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Europium-154	SOIL	DOE HASL	Dry Soil Prep	0.0365	0.133	0.134	15585-10-1	PCI/G	U	0.261			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Europium-155	SOIL	DOE HASL	Dry Soil Prep	0.0395	0.125	0.126	14391-16-3	PCI/G	U	0.225			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Iridium-192	SOIL	DOE HASL	Dry Soil Prep	-0.000399	0.0439	0.0439	14694-69-0	PCI/G	U	0.0830			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Iron-59	SOIL	DOE HASL	Dry Soil Prep	0.0435	0.120	0.122	14596-12-4	PCI/G	U	0.252			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Lead-210	SOIL	DOE HASL	Dry Soil Prep	-0.230	4.22	4.22	14255-04-0	PCI/G	U	7.60			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Lead-212	SOIL	DOE HASL	Dry Soil Prep	0.755	0.137	0.150	15092-94-1	PCI/G		0.126			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Lead-214	SOIL	DOE HASL	Dry Soil Prep	2.81	0.287	0.368	15067-28-4	PCI/G		0.146			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Manganese-54	SOIL	DOE HASL	Dry Soil Prep	-0.00801	0.0366	0.0368	13966-31-9	PCI/G	U	0.0664			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Mercury-203	SOIL	DOE HASL	Dry Soil Prep	0.0862	0.0983	0.0986	13982-78-0	PCI/G	U	0.0941			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Neodymium-147	SOIL	DOE HASL	Dry Soil Prep	-1.15	1.83	1.91	14269-74-0	PCI/G	U	3.15			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Neptunium-239	SOIL	DOE HASL	Dry Soil Prep	0.0384	0.288	0.288	13968-59-7	PCI/G	U	0.513			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Niobium-94	SOIL	DOE HASL	Dry Soil Prep	-0.0173	0.0367	0.0375	14681-63-1	PCI/G	U	0.0634			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Niobium-95	SOIL	DOE HASL	Dry Soil Prep	0.0299	0.0598	0.0614	13967-76-5	PCI/G	U	0.112			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Potassium-40	SOIL	DOE HASL	Dry Soil Prep	8.32	1.35	1.55	13966-00-2	PCI/G		0.723			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Promethium-144	SOIL	DOE HASL	Dry Soil Prep	0.0446	0.0442	0.0487	14834-73-2	PCI/G	U	0.0851			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Promethium-146	SOIL	DOE HASL	Dry Soil Prep	0.0197	0.0514	0.0522	14834-74-3	PCI/G	U	0.100			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Radium-226	SOIL	DOE HASL	Dry Soil Prep	2.81	0.287	0.368	13982-63-3	PCI/G		0.146			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Radium-228	SOIL	DOE HASL	Dry Soil Prep	0.704	0.316	0.323	15262-20-1	PCI/G		0.338			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Ruthenium-106	SOIL	DOE HASL	Dry Soil Prep	-0.0267	0.382	0.383	13967-48-1	PCI/G	U	0.704			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Silver-110m	SOIL	DOE HASL	Dry Soil Prep	-0.000828	0.0567	0.0567	378784-24-	PCI/G	U	0.106			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Sodium-22	SOIL	DOE HASL	Dry Soil Prep	0.0267	0.0440	0.0456	13966-32-0	PCI/G	U	0.0933			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Thallium-208	SOIL	DOE HASL	Dry Soil Prep	0.204	0.0931	0.0948	14913-50-9	PCI/G		0.0635			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Thorium-230	SOIL	DOE HASL	Dry Soil Prep	2.81	0.287	0.368	14269-63-7	PCI/G		0.146			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Thorium-232	SOIL	DOE HASL	Dry Soil Prep	0.704	0.316	0.323	7440-29-1	PCI/G		0.338			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Thorium-234	SOIL	DOE HASL	Dry Soil Prep	3.17	2.97	3.06	15065-10-8	PCI/G		2.73			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Tin-113	SOIL	DOE HASL	Dry Soil Prep	0.00252	0.0572	0.0572	13966-06-8	PCI/G	U	0.106			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Uranium-234	SOIL	DOE HASL	Dry Soil Prep	2.81	0.287	0.368	13966-29-5	PCI/G		0.146			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Uranium-235	SOIL	DOE HASL	Dry Soil Prep	0.160	0.341	0.341	15117-96-1	PCI/G	U	0.404			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Uranium-238	SOIL	DOE HASL	Dry Soil Prep	3.17	2.97	3.06	7440-61-1	PCI/G		2.73			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Yttrium-88	SOIL	DOE HASL	Dry Soil Prep	0.0328	0.0449	0.0474	13982-36-0	PCI/G	U	0.112			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Zinc-65	SOIL	DOE HASL	Dry Soil Prep	0.0278	0.0851	0.0861	13982-39-3	PCI/G	U	0.166			1.00	9.43							
310-500.Y3.5.033123	617320001	GEL	2412106	1205372219	SAMPLE	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 05:4	617320	Zirconium-95	SOIL	DOE HASL	Dry Soil Prep	-0.00500	0.103	0.103	13967-71-0	PCI/G	U	0.188			1.00	9.43							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Actinium-228	SOLID	DOE HASL	Dry Soil Prep	-0.119	0.0895	0.105	14331-83-0	PCI/G	U	0.169			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Americium-241	SOLID	DOE HASL	Dry Soil Prep	0.0201	0.0985	0.0989	14596-10-2	PCI/G	U	0.221			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Antimony-124	SOLID	DOE HASL	Dry Soil Prep	0.000	0.0259	0.000	14683-10-4	PCI/G	U	0.0361			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Antimony-125	SOLID	DOE HASL	Dry Soil Prep	0.00572	0.0378	0.0379	14234-35-6	PCI/G	U	0.0857			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Barium-133	SOLID	DOE HASL	Dry Soil Prep	-0.0173	0.0221	0.0235	13981-41-4	PCI/G	U	0.0412			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Barium-140	SOLID	DOE HASL	Dry Soil Prep	-0.0259	0.156	0.157	14798-08-4	PCI/G	U	0.328			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Beryllium-7	SOLID	DOE HASL	Dry Soil Prep	-0.0739	0.170	0.173	13966-02-4	PCI/G	U	0.288			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Bismuth-212	SOLID	DOE HASL	Dry Soil Prep	-0.152	0.191	0.203	14913-49-6	PCI/G	U	0.344			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Bismuth-214	SOLID	DOE HASL	Dry Soil Prep	-0.0277	0.0446	0.0464	14733-03-0	PCI/G	U	0.0850			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Cerium-139	SOLID	DOE HASL	Dry Soil Prep	-0.0116	0.0164	0.0174	13982-30-4	PCI/G	U	0.0290			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Cerium-141	SOLID	DOE HASL	Dry Soil Prep	-0.00794	0.0384	0.0385	13967-74-3	PCI/G	U	0.0725			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Cerium-144	SOLID	DOE HASL	Dry Soil Prep	-0.0400	0.102	0.104	14762-78-8	PCI/G	U	0.194			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Cesium-134	SOLID	DOE HASL	Dry Soil Prep	0.000759	0.0258	0.0258	13967-70-9	PCI/G	U	0.0529			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Cesium-136	SOLID	DOE HASL	Dry Soil Prep	0.0400	0.0613	0.0641	14234-29-8	PCI/G	U	0.164			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Cesium-137	SOLID	DOE HASL	Dry Soil Prep	0.00484	0.0205	0.0206	10045-97-3	PCI/G	U	0.0449	0.100	0.100	1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Chromium-51	SOLID	DOE HASL	Dry Soil Prep	0.00412	0.243	0.243	14392-02-0	PCI/G	U	0.512			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Cobalt-56	SOLID	DOE HASL	Dry Soil Prep	0.0138	0.0256	0.0264	14093-03-9	PCI/G	U	0.0584			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Cobalt-57	SOLID	DOE HASL	Dry Soil Prep	-0.00536	0.0106	0.0108	13981-50-5	PCI/G	U	0.0200			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Cobalt-58	SOLID	DOE HASL	Dry Soil Prep	0.00731	0.0301	0.0303	13981-38-9	PCI/G	U	0.0628			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Cobalt-60	SOLID	DOE HASL	Dry Soil Prep	0.00490	0.0214	0.0215	10198-40-0	PCI/G	U	0.0515			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Europium-152	SOLID	DOE HASL	Dry Soil Prep	0.0296	0.0537	0.0554	14683-23-9	PCI/G	U	0.121			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Europium-154	SOLID	DOE HASL	Dry Soil Prep	-0.0432	0.0423	0.0467	15585-10-1	PCI/G	U	0.0319			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Europium-155	SOLID	DOE HASL	Dry Soil Prep	-0.0101	0.0537	0.0539	14391-16-3	PCI/G	U	0.107			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Iridium-192	SOLID	DOE HASL	Dry Soil Prep	-0.0176	0.0200	0.0215	14694-69-0	PCI/G	U	0.0370			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Iron-59	SOLID	DOE HASL	Dry Soil Prep	-0.00573	0.0275	0.0276	14596-12-4	PCI/G	U	0.0664			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Lead-210	SOLID	DOE HASL	Dry Soil Prep	-1.46	5.04	5.09	14255-04-0	PCI/G	U	10.4			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Lead-212	SOLID	DOE HASL	Dry Soil Prep	0.0301	0.0860	0.0871	15092-94-1	PCI/G	U	0.0765			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Lead-214	SOLID	DOE HASL	Dry Soil Prep	0.0112	0.0476	0.0479	15067-28-4	PCI/G	U	0.100			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Manganese-54	SOLID	DOE HASL	Dry Soil Prep	-0.0144	0.0184	0.0196	13966-31-9	PCI/G	U	0.0297			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Mercury-203	SOLID	DOE HASL	Dry Soil Prep	-0.0133	0.0189	0.0199	13982-78-0	PCI/G	U	0.0366			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Neodymium-147	SOLID	DOE HASL	Dry Soil Prep	0.269	0.227	0.259	14269-74-0	PCI/G	U	0.708			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Neptunium-239	SOLID	DOE HASL	Dry Soil Prep	0.0149	0.110	0.110	13968-59-7	PCI/G	U	0.233			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Niobium-94	SOLID	DOE HASL	Dry Soil Prep	-0.000734	0.0161	0.0161	14681-63-1	PCI/G	U	0.0338			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Niobium-95	SOLID	DOE HASL	Dry Soil Prep	0.00323	0.0231	0.0232	13967-76-5	PCI/G	U	0.0497			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Potassium-40	SOLID	DOE HASL	Dry Soil Prep	-0.150	0.253	0.263	13966-00-2	PCI/G	U	0.607			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Promethium-144	SOLID	DOE HASL	Dry Soil Prep	0.00229	0.0187	0.0187	14834-73-2	PCI/G	U	0.0400			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Promethium-146	SOLID	DOE HASL	Dry Soil Prep	-0.0150	0.0194	0.0206	14834-74-3	PCI/G	U	0.0351			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Radium-226	SOLID	DOE HASL	Dry Soil Prep	0.0112	0.0476	0.0479	13982-63-3	PCI/G	U	0.100			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Radium-228	SOLID	DOE HASL	Dry Soil Prep	-0.119	0.0895	0.105	15262-20-1	PCI/G	U	0.169			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Ruthenium-106	SOLID	DOE HASL	Dry Soil Prep	0.0573	0.175	0.177	13967-48-1	PCI/G	U	0.390			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Silver-110m	SOLID	DOE HASL	Dry Soil Prep	0.0120	0.0186	0.0194	378784-24-	PCI/G	U	0.0514			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Sodium-22	SOLID	DOE HASL	Dry Soil Prep	-0.0153	0.0150	0.0165	13966-32-0	PCI/G	U	0.0113			1.00	0							
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Thallium-208	SOLID	DOE HASL	Dry Soil Prep	-0.00728	0.0238	0.0241	14913-50-9	PCI/G	U	0.0494			1.00	0							

MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Thorium-230	SOLID	DOE HASL :	Dry Soil Prep	0.0112	0.0476	0.0479	14269-63-7	PCI/G	U	0.100			1.00	0					
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Thorium-232	SOLID	DOE HASL :	Dry Soil Prep	-0.119	0.0895	0.105	7440-29-1	PCI/G	U	0.169			1.00	0					
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Thorium-234	SOLID	DOE HASL :	Dry Soil Prep	0.537	0.902	0.943	15065-10-8	PCI/G	U	2.05			1.00	0					
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Tin-113	SOLID	DOE HASL :	Dry Soil Prep	0.00147	0.0227	0.0227	13966-06-8	PCI/G	U	0.0490			1.00	0					
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Uranium-234	SOLID	DOE HASL :	Dry Soil Prep	0.0112	0.0476	0.0479	13966-29-5	PCI/G	U	0.100			1.00	0					
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Uranium-235	SOLID	DOE HASL :	Dry Soil Prep	-0.00444	0.116	0.116	15117-96-1	PCI/G	U	0.223			1.00	0					
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Uranium-238	SOLID	DOE HASL :	Dry Soil Prep	0.537	0.902	0.943	7440-61-1	PCI/G	U	2.05			1.00	0					
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Yttrium-88	SOLID	DOE HASL :	Dry Soil Prep	0.00565	0.0205	0.0207	13982-36-0	PCI/G	U	0.0554			1.00	0					
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Zinc-65	SOLID	DOE HASL :	Dry Soil Prep	0.0251	0.0466	0.0480	13982-39-3	PCI/G	U	0.114			1.00	0					
MB for batch 2412106	1205372219	GEL	2412106	1205372219	MB	TARGET	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 05:5	617320	Zirconium-95	SOLID	DOE HASL :	Dry Soil Prep	0.0183	0.0348	0.0358	13967-71-0	PCI/G	U	0.0849			1.00	0					
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Actinium-228	SOIL	DOE HASL :	Dry Soil Prep	0.774	0.287	0.297	14331-83-0	PCI/G		0.277			1.00	0		0.31	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Americium-241	SOIL	DOE HASL :	Dry Soil Prep	0.187	0.232	0.248	14596-10-2	PCI/G	U	0.427			1.00	0		1.08	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Antimony-124	SOIL	DOE HASL :	Dry Soil Prep	0.0625	0.0743	0.0796	14683-10-4	PCI/G	U	0.188			1.00	0		1.16	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Antimony-125	SOIL	DOE HASL :	Dry Soil Prep	-0.0781	0.0970	0.103	14234-35-6	PCI/G	U	0.155			1.00	0		1.53	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Barium-133	SOIL	DOE HASL :	Dry Soil Prep	0.0639	0.115	0.119	13981-41-4	PCI/G	U	0.0869			1.00	0		0.913	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Barium-140	SOIL	DOE HASL :	Dry Soil Prep	0.000	0.385	0.610	14798-08-4	PCI/G	UI	1.01			1.00	0		0.612	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Beryllium-7	SOIL	DOE HASL :	Dry Soil Prep	0.110	0.388	0.392	13966-02-4	PCI/G	U	0.676			1.00	0		1.23	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Bismuth-212	SOIL	DOE HASL :	Dry Soil Prep	1.22	0.850	0.858	14913-49-6	PCI/G		0.757			1.00	0		1.48	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Bismuth-214	SOIL	DOE HASL :	Dry Soil Prep	2.17	0.251	0.322	14733-03-0	PCI/G		0.135			1.00	0		0.429	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Cerium-139	SOIL	DOE HASL :	Dry Soil Prep	0.0177	0.0365	0.0376	13982-30-4	PCI/G	U	0.0643			1.00	0		1.39	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Cerium-141	SOIL	DOE HASL :	Dry Soil Prep	-0.111	0.104	0.115	13967-74-3	PCI/G	U	0.162			1.00	0		1.85	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Cerium-144	SOIL	DOE HASL :	Dry Soil Prep	-0.0926	0.215	0.219	14762-78-8	PCI/G	U	0.360			1.00	0		0.712	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Cesium-134	SOIL	DOE HASL :	Dry Soil Prep	0.0335	0.0538	0.0559	13967-70-9	PCI/G	U	0.0874			1.00	0		0.888	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Cesium-136	SOIL	DOE HASL :	Dry Soil Prep	0.105	0.232	0.237	14234-29-8	PCI/G	U	0.423			1.00	0		1.16	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Cesium-137	SOIL	DOE HASL :	Dry Soil Prep	0.0123	0.0384	0.0388	10045-97-3	PCI/G	U	0.0725	0.100	0.100	1.00	0		0.726	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Chromium-51	SOIL	DOE HASL :	Dry Soil Prep	0.380	0.598	0.622	14392-02-0	PCI/G	U	1.09			1.00	0		1.92	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Cobalt-56	SOIL	DOE HASL :	Dry Soil Prep	-0.000360	0.0460	0.0460	14093-03-9	PCI/G	U	0.0872			1.00	0		1.14	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Cobalt-57	SOIL	DOE HASL :	Dry Soil Prep	0.00688	0.0274	0.0275	13981-50-9	PCI/G	U	0.0489			1.00	0		0.0835	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Cobalt-58	SOIL	DOE HASL :	Dry Soil Prep	0.0150	0.0439	0.0444	13981-38-9	PCI/G	U	0.0757			1.00	0		0.641	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Cobalt-60	SOIL	DOE HASL :	Dry Soil Prep	0.00487	0.0441	0.0441	10198-40-0	PCI/G	U	0.0860			1.00	0		0.4	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Europium-152	SOIL	DOE HASL :	Dry Soil Prep	0.0864	0.117	0.123	14683-23-9	PCI/G	U	0.189			1.00	0		1.27	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Europium-154	SOIL	DOE HASL :	Dry Soil Prep	0.173	0.111	0.137	15585-10-1	PCI/G	U	0.247			1.00	0		1.4	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Europium-155	SOIL	DOE HASL :	Dry Soil Prep	-0.0885	0.114	0.121	14391-16-3	PCI/G	U	0.190			1.00	0		1.43	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Iridium-192	SOIL	DOE HASL :	Dry Soil Prep	0.0439	0.0474	0.0515	14694-69-0	PCI/G	U	0.0764			1.00	0		1.28	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Iron-59	SOIL	DOE HASL :	Dry Soil Prep	-0.0379	0.106	0.108	14596-12-4	PCI/G	U	0.197			1.00	0		0.982	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Lead-210	SOIL	DOE HASL :	Dry Soil Prep	0.529	7.18	7.18	14255-04-0	PCI/G	U	13.6			1.00	0		0.179	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Lead-212	SOIL	DOE HASL :	Dry Soil Prep	0.646	0.113	0.124	15092-94-1	PCI/G		0.0978			1.00	0		1.1	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Lead-214	SOIL	DOE HASL :	Dry Soil Prep	2.59	0.217	0.303	15067-28-4	PCI/G		0.135			1.00	0		0.906	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Manganese-54	SOIL	DOE HASL :	Dry Soil Prep	-0.0340	0.0404	0.0433	13966-31-9	PCI/G	U	0.0693			1.00	0		0.896	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Mercury-203	SOIL	DOE HASL :	Dry Soil Prep	0.0178	0.0506	0.0513	13982-78-0	PCI/G	U	0.0940			1.00	0		1.21	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Neodymium-147	SOIL	DOE HASL :	Dry Soil Prep	1.91	1.53	1.77	14269-74-0	PCI/G	U	2.98			1.00	0		2.3	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Neptunium-239	SOIL	DOE HASL :	Dry Soil Prep	0.0885	0.268	0.271	13968-59-7	PCI/G	U	0.485			1.00	0		0.248	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Niobium-94	SOIL	DOE HASL :	Dry Soil Prep	0.00159	0.0348	0.0348	14681-63-1	PCI/G	U	0.0633			1.00	0		0.723	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Niobium-95	SOIL	DOE HASL :	Dry Soil Prep	0.0902	0.0548	0.0688	13967-76-5	PCI/G	U	0.108			1.00	0		1.28	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Potassium-40	SOIL	DOE HASL :	Dry Soil Prep	6.56	1.10	1.25	13966-00-2	PCI/G		0.789			1.00	0		1.73	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Promethium-144	SOIL	DOE HASL :	Dry Soil Prep	-0.00197	0.0389	0.0389	14834-73-2	PCI/G	U	0.0698			1.00	0		1.46	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Promethium-146	SOIL	DOE HASL :	Dry Soil Prep	0.0592	0.0552	0.0617	14834-74-3	PCI/G	U	0.0925			1.00	0		0.958	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Radium-226	SOIL	DOE HASL :	Dry Soil Prep	2.59	0.217	0.303	13982-63-3	PCI/G		0.135			1.00	0		0.906	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Radium-228	SOIL	DOE HASL :	Dry Soil Prep	0.774	0.287	0.297	15262-20-1	PCI/G		0.277			1.00	0		0.31	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Ruthenium-106	SOIL	DOE HASL :	Dry Soil Prep	-0.0501	0.292	0.293	13967-48-1	PCI/G	U	0.531			1.00	0		0.0953	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Silver-110m	SOIL	DOE HASL :	Dry Soil Prep	-0.0123	0.0608	0.0611	378784-24-	PCI/G	U	0.0968			1.00	0		0.27	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Sodium-22	SOIL	DOE HASL :	Dry Soil Prep	0.0617	0.0396	0.0487	13966-32-0	PCI/G	U	0.0878			1.00	0		1.03	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Thallium-208	SOIL	DOE HASL :	Dry Soil Prep	0.218	0.0746	0.0773	14913-50-5	PCI/G		0.0586			1.00	0		0.232	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Thorium-230	SOIL	DOE HASL :	Dry Soil Prep	2.59	0.217	0.303	14269-63-7	PCI/G		0.135			1.00	0		0.906	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Thorium-232	SOIL	DOE HASL :	Dry Soil Prep	0.774	0.287	0.297	7440-29-1	PCI/G		0.277			1.00	0		0.31	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Thorium-234	SOIL	DOE HASL :	Dry Soil Prep	3.28	3.24	3.33	15065-10-8	PCI/G		3.04			1.00	0		0.0464	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Tin-113	SOIL	DOE HASL :	Dry Soil Prep	-0.0407	0.0522	0.0555	13966-06-8	PCI/G	U	0.0849			1.00	0		1.06	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Uranium-234	SOIL	DOE HASL :	Dry Soil Prep	2.59	0.217	0.303	13966-29-5	PCI/G		0.135			1.00	0		0.906	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Uranium-235	SOIL	DOE HASL :	Dry Soil Prep	0.194	0.228	0.244	15117-96-1	PCI/G	U	0.413			1.00	0		0.161	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Uranium-238	SOIL	DOE HASL :	Dry Soil Prep	3.28	3.24	3.33	7440-61-1	PCI/G		3.04			1.00	0		0.0464	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Yttrium-88	SOIL	DOE HASL :	Dry Soil Prep	0.0121	0.0437	0.0440	13982-36-0	PCI/G	U	0.0908			1.00	0		0.626	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Zinc-65	SOIL	DOE HASL :	Dry Soil Prep	0.0492	0.0654	0.0655	13982-39-3	PCI/G	U	0.163			1.00	0		0.388	3		
310-500.Y3.5.033123(617:	1205372220	GEL	2412106	1205372219	DUP	TARGET	03/31/23 1	04/07/23 0	04/10/23 1	05/01/23 06:5	617320	Zirconium-95	SOIL	DOE HASL :	Dry Soil Prep	0.0328	0.0847	0.0860	13967-71-0	PCI/G	U	0.161			1.00	0		0.553	3		
LCS for batch 2412106	1205372221	GEL	2412106	1205372219	LCS	SPIKE	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 08:3	617320	Americium-241	SOLID	DOE HASL :	Dry Soil Prep	108	10.7	60.0	14596-10-2	%		6.03			1.00	0	484			75	125
LCS for batch 2412106	1205372221	GEL	2412106	1205372219	LCS	SPIKE	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 08:3	617320	Cesium-137	SOLID	DOE HASL :	Dry Soil Prep	100	3.16	13.6	10045-97-3	%		0.767	0.100	0.100	1.00	0	154			75	125
LCS for batch 2412106	1205372221	GEL	2412106	1205372219	LCS	SPIKE	05/01/23 0	05/01/23 0	05/01/23 0	05/01/23 08:3	617320	Cobalt-60	SOLID	DOE HASL :	Dry Soil Prep	96.8	2.51	6.95	10198-40-0	%		0.531			1.00	0	68.1			75	125

Sample_No	Lab_Id	Laboratory	Batch_No	Assoc_Blnk	Sample_Ty	Analyte_Ty	Collect Dat	Receive_D	Prep_Date	Analysis_D	SDG	Parameter	Matrix	Method	Prep_Meth	Lab_Result	Uncertaint	TPU	Cas_num	Units	Lab_Qual	MDL/MDA	PQL	RL_CRDL	Dilution_Fa	Pct_Moist	Spike_Amc	RPD/RER	RPD/RER Li	Lower_Lim	Upper_Lim	Retention_	Comments
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Actinium-2	SOIL	DOE HASL	Dry Soil Pre	0.570	0.208	0.215	14331-83-	PCI/G	hH	0.144			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Americium	SOIL	DOE HASL	Dry Soil Pre	0.118	0.151	0.161	14596-10-	PCI/G	hHU	0.305			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Antimony-	SOIL	DOE HASL	Dry Soil Pre	0.0285	0.377	0.377	14683-10-	PCI/G	hHU	1.00			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Antimony-	SOIL	DOE HASL	Dry Soil Pre	0.0726	0.0640	0.0721	14234-35-	PCI/G	hHU	0.140			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Barium-13	SOIL	DOE HASL	Dry Soil Pre	-0.0247	0.0279	0.0301	13981-41-	PCI/G	hHU	0.0470			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Barium-14	SOIL	DOE HASL	Dry Soil Pre	0.000	91600	91800	14798-08-	PCI/G	hHUI	0.000			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Beryllium-	SOIL	DOE HASL	Dry Soil Pre	0.0312	4.81	4.81	13966-02-	PCI/G	hHU	9.39			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Bismuth-2	SOIL	DOE HASL	Dry Soil Pre	0.683	0.460	0.464	14913-49-	PCI/G	hH	0.529			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Bismuth-2	SOIL	DOE HASL	Dry Soil Pre	0.363	0.127	0.130	14733-03-	PCI/G	hH	0.0849			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cerium-13	SOIL	DOE HASL	Dry Soil Pre	0.0456	0.0604	0.0645	13982-30-	PCI/G	hHU	0.120			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cerium-14	SOIL	DOE HASL	Dry Soil Pre	-1.37	6.24	6.27	13967-74-	PCI/G	hHU	11.7			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cerium-14	SOIL	DOE HASL	Dry Soil Pre	0.0571	0.202	0.203	14762-78-	PCI/G	hHU	0.395			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pre	0.0515	0.0757	0.0793	13967-70-	PCI/G	hHU	0.0613			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pre	0.000	23500	23800	14234-29-	PCI/G	hHUI	0.000			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pre	0.0367	0.0437	0.0438	10045-97-	PCI/G	hHU	0.0385	0.100	0.100	1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Chromium	SOIL	DOE HASL	Dry Soil Pre	-14.8	96.9	97.1	14392-02-	PCI/G	hHU	173			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cobalt-56	SOIL	DOE HASL	Dry Soil Pre	-0.107	0.247	0.251	14093-03-	PCI/G	hHU	0.435			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cobalt-57	SOIL	DOE HASL	Dry Soil Pre	0.000212	0.0264	0.0264	13981-50-	PCI/G	hHU	0.0509			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cobalt-58	SOIL	DOE HASL	Dry Soil Pre	-0.114	0.237	0.242	13981-38-	PCI/G	hHU	0.420			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cobalt-60	SOIL	DOE HASL	Dry Soil Pre	0.0157	0.0262	0.0272	10198-40-	PCI/G	hHU	0.0570			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Europium-	SOIL	DOE HASL	Dry Soil Pre	-0.0524	0.0583	0.0631	14683-23-	PCI/G	hHU	0.107			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Europium-	SOIL	DOE HASL	Dry Soil Pre	0.0439	0.0814	0.0838	15585-10-	PCI/G	hHU	0.174			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Europium-	SOIL	DOE HASL	Dry Soil Pre	0.00509	0.0694	0.0695	14391-16-	PCI/G	hHU	0.136			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Iridium-19	SOIL	DOE HASL	Dry Soil Pre	-0.0559	0.231	0.232	14694-69-	PCI/G	hHU	0.406			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Iron-59	SOIL	DOE HASL	Dry Soil Pre	-0.382	2.54	2.54	14596-12-	PCI/G	hHU	4.94			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Lead-210	SOIL	DOE HASL	Dry Soil Pre	-10.2	7.95	9.29	14255-04-	PCI/G	hHU	14.4			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Lead-212	SOIL	DOE HASL	Dry Soil Pre	0.492	0.0829	0.0981	15092-94-	PCI/G	hH	0.0676			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Lead-214	SOIL	DOE HASL	Dry Soil Pre	0.705	0.115	0.133	15067-28-	PCI/G	hH	0.0817			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Manganes	SOIL	DOE HASL	Dry Soil Pre	-0.00277	0.0362	0.0362	13966-31-	PCI/G	hHU	0.0684			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Mercury-2	SOIL	DOE HASL	Dry Soil Pre	0.573	0.886	0.925	13982-78-	PCI/G	hHU	1.62			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Neodymiu	SOIL	DOE HASL	Dry Soil Pre	-1.21E+05	1.27E+06	1.27E+06	14269-74-	PCI/G	hHU	0.000			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Neptunium	SOIL	DOE HASL	Dry Soil Pre	0.0810	0.157	0.162	13968-59-	PCI/G	hHU	0.314			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Niobium-9	SOIL	DOE HASL	Dry Soil Pre	0.0116	0.0211	0.0217	14681-63-	PCI/G	hHU	0.0428			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Niobium-9	SOIL	DOE HASL	Dry Soil Pre	-0.380	0.395	0.432	13967-76-	PCI/G	hHU	0.652			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Potassium-	SOIL	DOE HASL	Dry Soil Pre	11.7	1.15	1.69	13966-00-	PCI/G	hH	0.423			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Promethiu	SOIL	DOE HASL	Dry Soil Pre	0.00871	0.0375	0.0377	14834-73-	PCI/G	hHU	0.0710			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Promethiu	SOIL	DOE HASL	Dry Soil Pre	0.0124	0.0230	0.0237	14834-74-	PCI/G	hHU	0.0488			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Radium-22	SOIL	DOE HASL	Dry Soil Pre	0.705	0.115	0.133	13982-63-	PCI/G	hH	0.0817			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Radium-22	SOIL	DOE HASL	Dry Soil Pre	0.570	0.208	0.215	15262-20-	PCI/G	hH	0.144			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Ruthenium	SOIL	DOE HASL	Dry Soil Pre	0.0417	0.295	0.296	13967-48-	PCI/G	hHU	0.582			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Silver-110	SOIL	DOE HASL	Dry Soil Pre	-0.00381	0.0582	0.0582	378784-24	PCI/G	hHU	0.103			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Sodium-22	SOIL	DOE HASL	Dry Soil Pre	0.0171	0.0324	0.0333	13966-32-	PCI/G	hHU	0.0691			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Thallium-2	SOIL	DOE HASL	Dry Soil Pre	0.109	0.0476	0.0486	14913-50-	PCI/G	hH	0.0443			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pre	0.705	0.115	0.133	14269-63-	PCI/G	hH	0.0817			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pre	0.570	0.208	0.215	7440-29-1	PCI/G	hH	0.144			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pre	0.000	2.82	2.89	15065-10-	PCI/G	hHUI	2.02			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Tin-113	SOIL	DOE HASL	Dry Soil Pre	-0.0197	0.107	0.107	13966-06-	PCI/G	hHU	0.209			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pre	0.705	0.115	0.133	13966-29-	PCI/G	hH	0.0817			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pre	-0.0164	0.122	0.122	15117-96-	PCI/G	hHU	0.223			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pre	0.000	2.82	2.89	7440-61-1	PCI/G	hHUI	2.02			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Yttrium-88	SOIL	DOE HASL	Dry Soil Pre	0.00584	0.0735	0.0736	13982-36-	PCI/G	hHU	0.173			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Zinc-65	SOIL	DOE HASL	Dry Soil Pre	0.00745	0.102	0.102	13982-39-	PCI/G	hHU	0.186			1.00	3.47							
310-Bkgoff1-8.24.22-S	618474001	GEL	2414710	12053772	SAMPLE	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Zirconium-	SOIL	DOE HASL	Dry Soil Pre	0.553	0.631	0.680	13967-71-	PCI/G	hHU	1.33			1.00	3.47							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Actinium-2	SOIL	DOE HASL	Dry Soil Pre	0.425	0.163	0.169	14331-83-	PCI/G		0.139			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Americium	SOIL	DOE HASL	Dry Soil Pre	-0.0341	0.0853	0.0867	14596-10-	PCI/G	U	0.143			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Antimony-	SOIL	DOE HASL	Dry Soil Pre	-0.0301	0.0488	0.0507	14683-10-	PCI/G	U	0.0840			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Antimony-	SOIL	DOE HASL	Dry Soil Pre	-0.0273	0.0502	0.0518	14234-35-	PCI/G	U	0.0900			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Barium-13	SOIL	DOE HASL	Dry Soil Pre	0.0110	0.0235	0.0241	13981-41-	PCI/G	U	0.0426			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Barium-14	SOIL	DOE HASL	Dry Soil Pre	-0.0715	0.252	0.254	14798-08-	PCI/G	U	0.459			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Beryllium-	SOIL	DOE HASL	Dry Soil Pre	0.160	0.219	0.231	13966-02-	PCI/G	U	0.436			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Bismuth-2	SOIL	DOE HASL	Dry Soil Pre	0.806	0.521	0.527	14913-49-	PCI/G		0.473			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Bismuth-2	SOIL	DOE HASL	Dry Soil Pre	0.604	0.109	0.121	14733-03-	PCI/G		0.0762			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cerium-13	SOIL	DOE HASL	Dry Soil Pre	-0.0138	0.0179	0.0192	13982-30-	PCI/G	U	0.0299			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cerium-14	SOIL	DOE HASL	Dry Soil Pre	0.0190	0.0627	0.0633	13967-74-	PCI/G	U	0.0754			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cerium-14	SOIL	DOE HASL	Dry Soil Pre	-0.0567	0.107	0.110	14762-78-	PCI/G	U	0.185			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pre	0.0233	0.0253	0.0275	13967-70-	PCI/G	U	0.0510			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pre	-0.0288	0.103	0.103	14234-29-	PCI/G	U	0.193			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pre	0.0482	0.0329	0.0331	10045-97-	PCI/G		0.0372	0.100	0.100	1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Chromium	SOIL	DOE HASL	Dry Soil Pre	0.172	0.268	0.279	14392-02-	PCI/G	U	0.534			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cobalt-56	SOIL	DOE HASL	Dry Soil Pre	0.0120	0.0250	0.0256	14093-03-	PCI/G	U	0.0488			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cobalt-57	SOIL	DOE HASL	Dry Soil Pre	0.00754	0.0135	0.0139	13981-50-	PCI/G	U	0.0254			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cobalt-58	SOIL	DOE HASL	Dry Soil Pre	-0.0165	0.0222	0.0235	13981-38-	PCI/G	U	0.0365			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cobalt-60	SOIL	DOE HASL	Dry Soil Pre	-0.0199	0.0241	0.0258	10198-40-	PCI/G	U	0.0408			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Europium-	SOIL	DOE HASL	Dry Soil Pre	0.0309	0.0517	0.0536	14683-23-	PCI/G	U	0.0997			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Europium-	SOIL	DOE HASL	Dry Soil Pre	0.0498	0.0666	0.0705	15585-10-	PCI/G	U	0.142			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Europium-	SOIL	DOE HASL	Dry Soil Pre	-0.00269	0.0578	0.0578	14391-16-	PCI/G	U	0.104			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Iridium-19	SOIL	DOE HASL	Dry Soil Pre	0.0128	0.0208	0.0216	14694-69-	PCI/G	U	0.0414			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Iron-59	SOIL	DOE HASL	Dry Soil Pre	0.0448	0.0519	0.0559	14596-12-	PCI/G	U	0.114			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Lead-210	SOIL	DOE HASL	Dry Soil Pre	1.44	3.54	3.54	14255-04-	PCI/G	U	3.40			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Lead-212	SOIL	DOE HASL	Dry Soil Pre	0.425	0.0645	0.0729	15092-94-	PCI/G		0.0548			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Lead-214	SOIL	DOE HASL	Dry Soil Pre	0.550	0.104	0.113	15067-28-	PCI/G		0.0799			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Manganes	SOIL	DOE HASL	Dry Soil Pre	0.00293	0.0221	0.0221	13966-31-	PCI/G	U	0.0410			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Mercury-2	SOIL	DOE HASL	Dry Soil Pre	-0.00657	0.0233	0.0235	13982-78-	PCI/G	U	0.0438			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Neodymiu	SOIL	DOE HASL	Dry Soil Pre	-0.227	0.626	0.634	14269-74-	PCI/G	U	1.13			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Neptunium	SOIL	DOE HASL	Dry Soil Pre	0.00235	0.133	0.133	13968-59-	PCI/G	U	0.241			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Niobium-9	SOIL	DOE HASL	Dry Soil Pre	-0.00381	0.0199	0.0200	14681-63-	PCI/G	U	0.0357			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Niobium-9	SOIL	DOE HASL	Dry Soil Pre	-0.0170	0.0305	0.0315	13967-76-	PCI/G	U	0.0518			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Potassium-	SOIL	DOE HASL	Dry Soil Pre	11.4	1.05	1.48	13966-00-	PCI/G		0.395			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Promethiu	SOIL	DOE HASL	Dry Soil Pre	-0.00144	0.0220	0.0220	14834-73-	PCI/G	U	0.0399			1.00	10.2							
310-Bkgoff2-4.12.23-S	618474002	GEL	2414710	12053772	SAMPLE	TARGET	04/12/23 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Promethiu	SOIL	DOE HASL	Dry Soil Pre	-0.00944	0.0250	0.0254	14834-74-	PCI/G	U	0.0452			1.00	10.2							

310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Radium-22	SOIL	DOE HASL	Dry Soil Pr	0.550	0.104	0.113	13982-63-	PCI/G		0.0799			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Radium-22	SOIL	DOE HASL	Dry Soil Pr	0.425	0.163	0.169	15262-20-	PCI/G		0.139			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Ruthenium	SOIL	DOE HASL	Dry Soil Pr	-0.0464	0.175	0.176	13967-48-	PCI/G	U	0.316			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Silver-110r	SOIL	DOE HASL	Dry Soil Pr	-0.0106	0.0271	0.0276	378784-24	PCI/G	U	0.0471			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Sodium-22	SOIL	DOE HASL	Dry Soil Pr	0.0151	0.0238	0.0248	13966-32-	PCI/G	U	0.0500			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Thallium-2	SOIL	DOE HASL	Dry Soil Pr	0.117	0.0538	0.0547	14913-50-	PCI/G		0.0337			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pr	0.550	0.104	0.113	14269-63-	PCI/G		0.0799			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pr	0.425	0.163	0.169	7440-29-1	PCI/G		0.139			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pr	0.228	1.37	1.37	15065-10-	PCI/G	U	1.30			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Tin-113	SOIL	DOE HASL	Dry Soil Pr	0.00351	0.0278	0.0279	13966-06-	PCI/G	U	0.0529			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pr	0.550	0.104	0.113	13966-29-	PCI/G		0.0799			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pr	0.0485	0.160	0.160	15117-96-	PCI/G	U	0.197			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pr	0.228	1.37	1.37	7440-61-1	PCI/G	U	1.30			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Yttrium-88	SOIL	DOE HASL	Dry Soil Pr	-0.0116	0.0225	0.0231	13982-36-	PCI/G	U	0.0395			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Zinc-65	SOIL	DOE HASL	Dry Soil Pr	-0.000973	0.0489	0.0489	13982-39-	PCI/G	U	0.0844			1.00	10.2
310-Bkgoff2-4.12.23-S	618474002GEL	2414710	120537725	SAMPLE	TARGET	04/12/23	104/14/23	C04/15/23	105/08/23	0618474	Zirconium-	SOIL	DOE HASL	Dry Soil Pr	0.00634	0.0447	0.0447	13967-71-	PCI/G	U	0.0840			1.00	10.2
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Actinium-2	SOIL	DOE HASL	Dry Soil Pr	0.836	0.285	0.295	14331-83-	PCI/G		0.157			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Americium	SOIL	DOE HASL	Dry Soil Pr	0.111	0.101	0.113	14596-10-	PCI/G	U	0.191			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Antimony-	SOIL	DOE HASL	Dry Soil Pr	-0.0289	0.0669	0.0682	14683-10-	PCI/G	U	0.119			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Antimony-	SOIL	DOE HASL	Dry Soil Pr	0.0530	0.0714	0.0755	14234-35-	PCI/G	U	0.124			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Barium-13	SOIL	DOE HASL	Dry Soil Pr	-0.00449	0.0250	0.0251	13981-41-	PCI/G	U	0.0423			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Barium-14	SOIL	DOE HASL	Dry Soil Pr	-0.0587	0.330	0.331	14798-08-	PCI/G	U	0.605			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Beryllium-7	SOIL	DOE HASL	Dry Soil Pr	0.000	0.836	0.837	13966-02-	PCI/G	UI	0.439			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Bismuth-2	SOIL	DOE HASL	Dry Soil Pr	0.429	0.688	0.689	14913-49-	PCI/G	U	0.604			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Bismuth-2	SOIL	DOE HASL	Dry Soil Pr	0.827	0.135	0.152	14733-03-	PCI/G		0.0749			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Cerium-13	SOIL	DOE HASL	Dry Soil Pr	-0.0160	0.0205	0.0220	13982-30-	PCI/G	U	0.0346			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Cerium-14	SOIL	DOE HASL	Dry Soil Pr	0.0141	0.0507	0.0511	13967-74-	PCI/G	U	0.0928			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Cerium-14	SOIL	DOE HASL	Dry Soil Pr	-0.0375	0.122	0.123	14762-78-	PCI/G	U	0.217			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pr	0.0495	0.0594	0.0636	13967-70-	PCI/G	U	0.0612			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pr	-0.0175	0.139	0.140	14234-29-	PCI/G	U	0.264			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pr	0.000	0.0737	0.0738	10045-97-	PCI/G	UI	0.0487	0.100	0.100	1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Chromium	SOIL	DOE HASL	Dry Soil Pr	0.0973	0.323	0.326	14392-02-	PCI/G	U	0.629			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Cobalt-56	SOIL	DOE HASL	Dry Soil Pr	-0.0125	0.0302	0.0307	14093-03-	PCI/G	U	0.0517			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Cobalt-57	SOIL	DOE HASL	Dry Soil Pr	0.00392	0.0159	0.0160	13981-50-	PCI/G	U	0.0295			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Cobalt-58	SOIL	DOE HASL	Dry Soil Pr	0.00271	0.0288	0.0289	13981-38-	PCI/G	U	0.0536			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Cobalt-60	SOIL	DOE HASL	Dry Soil Pr	0.000104	0.0214	0.0214	10198-40-	PCI/G	U	0.0426			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Europium-	SOIL	DOE HASL	Dry Soil Pr	-0.0403	0.0633	0.0660	14683-23-	PCI/G	U	0.114			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Europium-	SOIL	DOE HASL	Dry Soil Pr	0.0394	0.0893	0.0911	15585-10-	PCI/G	U	0.163			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Europium-	SOIL	DOE HASL	Dry Soil Pr	0.000	0.130	0.130	14391-16-	PCI/G	UI	0.112			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Iridium-19	SOIL	DOE HASL	Dry Soil Pr	-0.0129	0.0243	0.0250	14694-69-	PCI/G	U	0.0447			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Iron-59	SOIL	DOE HASL	Dry Soil Pr	0.0161	0.0841	0.0844	14596-12-	PCI/G	U	0.162			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Lead-210	SOIL	DOE HASL	Dry Soil Pr	-1.12	2.57	2.62	14255-04-	PCI/G	U	4.65			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Lead-212	SOIL	DOE HASL	Dry Soil Pr	0.949	0.0929	0.121	15092-94-	PCI/G		0.0638			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Lead-214	SOIL	DOE HASL	Dry Soil Pr	1.13	0.141	0.169	15067-28-	PCI/G		0.0736			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Manganese	SOIL	DOE HASL	Dry Soil Pr	0.0100	0.0263	0.0267	13966-31-	PCI/G	U	0.0499			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Mercury-2	SOIL	DOE HASL	Dry Soil Pr	0.00377	0.0510	0.0511	13982-78-	PCI/G	U	0.0500			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Neodymiu	SOIL	DOE HASL	Dry Soil Pr	0.0853	0.707	0.708	14269-74-	PCI/G	U	1.35			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Neptuniur	SOIL	DOE HASL	Dry Soil Pr	-0.0109	0.151	0.151	13968-59-	PCI/G	U	0.275			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Niobium-9	SOIL	DOE HASL	Dry Soil Pr	-0.0148	0.0249	0.0258	14681-63-	PCI/G	U	0.0423			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Niobium-9	SOIL	DOE HASL	Dry Soil Pr	-0.00244	0.0384	0.0384	13967-76-	PCI/G	U	0.0612			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Potassium-	SOIL	DOE HASL	Dry Soil Pr	15.8	1.25	1.97	13966-00-	PCI/G		0.372			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Promethiu	SOIL	DOE HASL	Dry Soil Pr	0.0158	0.0229	0.0240	14834-73-	PCI/G	U	0.0454			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Promethiu	SOIL	DOE HASL	Dry Soil Pr	0.0221	0.0277	0.0295	14834-74-	PCI/G	U	0.0558			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Radium-22	SOIL	DOE HASL	Dry Soil Pr	1.13	0.141	0.169	13982-63-	PCI/G		0.0736			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Radium-22	SOIL	DOE HASL	Dry Soil Pr	0.836	0.285	0.295	15262-20-	PCI/G		0.157			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Ruthenium	SOIL	DOE HASL	Dry Soil Pr	0.106	0.192	0.198	13967-48-	PCI/G	U	0.384			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Silver-110r	SOIL	DOE HASL	Dry Soil Pr	-0.00259	0.0344	0.0345	378784-24	PCI/G	U	0.0665			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Sodium-22	SOIL	DOE HASL	Dry Soil Pr	0.0140	0.0317	0.0323	13966-32-	PCI/G	U	0.0579			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Thallium-2	SOIL	DOE HASL	Dry Soil Pr	0.216	0.0501	0.0534	14913-50-	PCI/G		0.0450			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pr	1.13	0.141	0.169	14269-63-	PCI/G		0.0736			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pr	0.836	0.285	0.295	7440-29-1	PCI/G		0.157			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pr	1.67	1.57	1.62	15065-10-	PCI/G		1.47			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Tin-113	SOIL	DOE HASL	Dry Soil Pr	0.00719	0.0322	0.0323	13966-06-	PCI/G	U	0.0618			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pr	1.13	0.141	0.169	13966-29-	PCI/G		0.0736			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pr	0.0667	0.125	0.129	15117-96-	PCI/G	U	0.233			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pr	1.67	1.57	1.62	7440-61-1	PCI/G		1.47			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Yttrium-88	SOIL	DOE HASL	Dry Soil Pr	0.0166	0.0218	0.0231	13982-36-	PCI/G	U	0.0539			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Zinc-65	SOIL	DOE HASL	Dry Soil Pr	0.0429	0.0684	0.0712	13982-39-	PCI/G	U	0.126			1.00	17.8
310-Bkgon1-4.11.23-S	618474003GEL	2414710	120537725	SAMPLE	TARGET	04/11/23	C04/14/23	C04/15/23	105/08/23	0618474	Zirconium-	SOIL	DOE HASL	Dry Soil Pr	0.00190	0.0522	0.0522	13967-71-	PCI/G	U	0.0967			1.00	17.8
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Actinium-2	SOIL	DOE HASL	Dry Soil Pr	-0.0392	0.0575	0.0603	14331-83-	PCI/G	U	0.0943			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Americium	SOIL	DOE HASL	Dry Soil Pr	-0.0136	0.0325	0.0330	14596-10-	PCI/G	U	0.0576			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Antimony-	SOIL	DOE HASL	Dry Soil Pr	-0.0177	0.0404	0.0412	14683-10-	PCI/G	U	0.0745			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Antimony-	SOIL	DOE HASL	Dry Soil Pr	0.00675	0.0261	0.0263	14234-35-	PCI/G	U	0.0547			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Barium-13	SOIL	DOE HASL	Dry Soil Pr	0.00467	0.0121	0.0123	13981-41-	PCI/G	U	0.0257			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Barium-14	SOIL	DOE HASL	Dry Soil Pr	0.0371	0.131	0.132	14798-08-	PCI/G	U	0.268			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Beryllium-7	SOIL	DOE HASL	Dry Soil Pr	0.00769	0.0945	0.0945	13966-02-	PCI/G	U	0.195			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Bismuth-2	SOIL	DOE HASL	Dry Soil Pr	-0.0214	0.152	0.152	14913-49-	PCI/G	U	0.293			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Bismuth-2	SOIL	DOE HASL	Dry Soil Pr	0.0149	0.0352	0.0358	14733-03-	PCI/G	U	0.0517			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Cerium-13	SOIL	DOE HASL	Dry Soil Pr	0.00403	0.00851	0.00874	13982-30-	PCI/G	U	0.0170			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Cerium-14	SOIL	DOE HASL	Dry Soil Pr	0.000672	0.0198	0.0198	13967-74-	PCI/G	U	0.0363			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Cerium-14	SOIL	DOE HASL	Dry Soil Pr	0.0138	0.0602	0.0606	14762-78-	PCI/G	U	0.117			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pr	-0.00254	0.0148	0.0149	13967-70-	PCI/G	U	0.0278			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pr	0.0132	0.0429	0.0434	14234-29-	PCI/G	U	0.0887			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pr	0.00699	0.0124	0.0128	10045-97-	PCI/G	U	0.0264	0.100	0.100	1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Chromium	SOIL	DOE HASL	Dry Soil Pr	0.00713	0.127	0.127	14392-02-	PCI/G	U	0.260			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Cobalt-56	SOIL	DOE HASL	Dry Soil Pr	-0.00883	0.0124	0.0130	14093-03-	PCI/G	U	0.0206			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Cobalt-57	SOIL	DOE HASL	Dry Soil Pr	-0.00244	0.00720	0.00728	13981-50-	PCI/G	U	0.0134			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Cobalt-58	SOIL	DOE HASL	Dry Soil Pr	0.00383	0.00950	0.00966	13981-38-	PCI/G	U	0.0218			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Cobalt-60	SOIL	DOE HASL	Dry Soil Pr	0.00671	0.0116	0.0120	10198-40-	PCI/G	U	0.0278			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Europium-	SOIL	DOE HASL	Dry Soil Pr	-0.00126	0.0297	0.0297	14683-23-	PCI/G	U	0.0541			1.00	0
MB for batch 2414710	120537729GEL	2414710	120537729	MB	TARGET	05/08/23	C05/08/23	C05/08/23	C05/08/23	0618474	Europium-	SOIL	DOE HASL	Dry Soil Pr	-0.00228	0.0312	0.0312	15585-10-	PCI/G	U	0.0593			1.00	0

MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Europium-	SOIL	DOE HASL	Dry Soil Pr	-0.00919	0.0233	0.0237	14391-16-	PCI/G	U	0.0438			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Iridium-19	SOIL	DOE HASL	Dry Soil Pr	0.00398	0.0109	0.0111	14694-69-	PCI/G	U	0.0231			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Iron-59	SOIL	DOE HASL	Dry Soil Pr	-0.00663	0.0295	0.0297	14596-12-	PCI/G	U	0.0593			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Lead-210	SOIL	DOE HASL	Dry Soil Pr	-0.865	0.851	0.939	14255-04-	PCI/G	U	1.39			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Lead-212	SOIL	DOE HASL	Dry Soil Pr	-0.00404	0.0208	0.0209	15092-94-	PCI/G	U	0.0390			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Lead-214	SOIL	DOE HASL	Dry Soil Pr	0.00979	0.0288	0.0291	15067-28-	PCI/G	U	0.0511			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Manganes	SOIL	DOE HASL	Dry Soil Pr	-0.00327	0.0114	0.0115	13966-31-	PCI/G	U	0.0213			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Mercury-2	SOIL	DOE HASL	Dry Soil Pr	0.0140	0.0184	0.0185	13982-78-	PCI/G	U	0.0248			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Neodymiu	SOIL	DOE HASL	Dry Soil Pr	0.0399	0.246	0.247	14269-74-	PCI/G	U	0.507			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Neptuniur	SOIL	DOE HASL	Dry Soil Pr	0.121	0.120	0.132	13968-59-	PCI/G	U	0.155			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Niobium-9	SOIL	DOE HASL	Dry Soil Pr	-0.000649	0.0107	0.0107	14681-63-	PCI/G	U	0.0209			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Niobium-9	SOIL	DOE HASL	Dry Soil Pr	-0.00649	0.0121	0.0125	13967-76-	PCI/G	U	0.0182			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Potassium-	SOIL	DOE HASL	Dry Soil Pr	-0.139	0.181	0.192	13966-00-	PCI/G	U	0.350			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Promethiu	SOIL	DOE HASL	Dry Soil Pr	0.00142	0.0111	0.0111	14834-73-	PCI/G	U	0.0222			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Promethiu	SOIL	DOE HASL	Dry Soil Pr	0.00285	0.0121	0.0122	14834-74-	PCI/G	U	0.0254			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Radium-22	SOIL	DOE HASL	Dry Soil Pr	0.00979	0.0288	0.0291	13982-63-	PCI/G	U	0.0511			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Radium-22	SOIL	DOE HASL	Dry Soil Pr	-0.0392	0.0575	0.0603	15262-20-	PCI/G	U	0.0943			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Ruthenium	SOIL	DOE HASL	Dry Soil Pr	0.0656	0.105	0.109	13967-48-	PCI/G	U	0.226			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Silver-110r	SOIL	DOE HASL	Dry Soil Pr	-0.00703	0.0162	0.0165	378784-24	PCI/G	U	0.0272			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Sodium-22	SOIL	DOE HASL	Dry Soil Pr	-0.00133	0.0109	0.0109	13966-32-	PCI/G	U	0.0204			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Thallium-2	SOIL	DOE HASL	Dry Soil Pr	-0.00240	0.0145	0.0145	14913-50-	PCI/G	U	0.0247			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pr	0.00979	0.0288	0.0291	14269-63-	PCI/G	U	0.0511			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pr	-0.0392	0.0575	0.0603	7440-29-1	PCI/G	U	0.0943			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pr	0.0991	0.687	0.687	15065-10-	PCI/G	U	0.569			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Tin-113	SOIL	DOE HASL	Dry Soil Pr	-0.00403	0.0128	0.0129	13966-06-	PCI/G	U	0.0249			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pr	0.00979	0.0288	0.0291	13966-29-	PCI/G	U	0.0511			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pr	-0.0269	0.0552	0.0565	15117-96-	PCI/G	U	0.0946			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pr	0.0991	0.687	0.687	7440-61-1	PCI/G	U	0.569			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Yttrium-88	SOIL	DOE HASL	Dry Soil Pr	0.00693	0.0168	0.0171	13982-36-	PCI/G	U	0.0382			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Zinc-65	SOIL	DOE HASL	Dry Soil Pr	0.0220	0.0282	0.0299	13982-39-	PCI/G	U	0.0650			1.00	0			
MB for batch 2414710	120537729GEL	2414710	120537725	MB	TARGET	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Zirconium-	SOIL	DOE HASL	Dry Soil Pr	0.0147	0.0225	0.0235	13967-71-	PCI/G	U	0.0503			1.00	0			
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Actinium-2	SOIL	DOE HASL	Dry Soil Pr	0.503	0.196	0.202	14331-83-	PCI/G	H	0.195			1.00	0		0.45	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Americium	SOIL	DOE HASL	Dry Soil Pr	0.0888	0.213	0.213	14596-10-	PCI/G	UH	0.250			1.00	0		0.215	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Antimony-	SOIL	DOE HASL	Dry Soil Pr	0.195	0.931	0.935	14683-10-	PCI/G	UH	1.92			1.00	0		0.324	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Antimony-	SOIL	DOE HASL	Dry Soil Pr	-0.000617	0.0661	0.0661	14234-35-	PCI/G	UH	0.128			1.00	0		1.47	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Barium-13	SOIL	DOE HASL	Dry Soil Pr	0.00405	0.0306	0.0307	13981-41-	PCI/G	UH	0.0505			1.00	0		1.31	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Barium-14	SOIL	DOE HASL	Dry Soil Pr	-32500	80500	81900	14798-08-	PCI/G	UH	0.000			1.00	0		0.517	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Beryllium-7	SOIL	DOE HASL	Dry Soil Pr	-2.15	4.95	5.04	13966-02-	PCI/G	UH	9.15			1.00	0		0.615	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Bismuth-2	SOIL	DOE HASL	Dry Soil Pr	0.878	0.548	0.554	14913-49-	PCI/G	H	0.526			1.00	0		0.528	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Bismuth-2	SOIL	DOE HASL	Dry Soil Pr	0.566	0.118	0.129	14733-03-	PCI/G	H	0.0871			1.00	0		2.17	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cerium-13	SOIL	DOE HASL	Dry Soil Pr	-0.0750	0.0751	0.0838	13982-30-	PCI/G	UH	0.117			1.00	0		2.23	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cerium-14	SOIL	DOE HASL	Dry Soil Pr	-3.24	6.36	6.53	13967-74-	PCI/G	UH	11.8			1.00	0		0.405	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cerium-14	SOIL	DOE HASL	Dry Soil Pr	-0.106	0.203	0.209	14762-78-	PCI/G	UH	0.378			1.00	0		1.1	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pr	0.0474	0.0560	0.0601	13967-70-	PCI/G	UH	0.0698			1.00	0		0.0804	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pr	-16100	21400	22600	14234-29-	PCI/G	UH	0.000			1.00	0		0.958	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pr	0.0667	0.0569	0.0572	10045-97-	PCI/G	H	0.0478	0.100	0.100	1.00	0		0.816	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Chromium	SOIL	DOE HASL	Dry Soil Pr	0.000	172	172	14392-02-	PCI/G	UHUI	175			1.00	0		0.147	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cobalt-56	SOIL	DOE HASL	Dry Soil Pr	0.0800	0.209	0.212	14093-03-	PCI/G	UH	0.414			1.00	0		1.11	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cobalt-57	SOIL	DOE HASL	Dry Soil Pr	-0.00378	0.0289	0.0290	13981-50-	PCI/G	UH	0.0553			1.00	0		0.2	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cobalt-58	SOIL	DOE HASL	Dry Soil Pr	0.000	0.488	0.490	13981-38-	PCI/G	UHUI	0.483			1.00	0		0.408	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Cobalt-60	SOIL	DOE HASL	Dry Soil Pr	0.0217	0.0313	0.0328	10198-40-	PCI/G	UH	0.0652			1.00	0		0.278	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Europium-	SOIL	DOE HASL	Dry Soil Pr	-0.0262	0.0695	0.0706	14683-23-	PCI/G	UH	0.116			1.00	0		0.542	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Europium-	SOIL	DOE HASL	Dry Soil Pr	-0.00157	0.0748	0.0748	15585-10-	PCI/G	UH	0.146			1.00	0		0.793	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Europium-	SOIL	DOE HASL	Dry Soil Pr	-0.0254	0.0714	0.0724	14391-16-	PCI/G	UH	0.136			1.00	0		0.596	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Iridium-19	SOIL	DOE HASL	Dry Soil Pr	0.0690	0.201	0.204	14694-69-	PCI/G	UH	0.347			1.00	0		0.792	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Iron-59	SOIL	DOE HASL	Dry Soil Pr	-1.73	2.61	2.73	14596-12-	PCI/G	UH	4.65			1.00	0		0.708	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Lead-210	SOIL	DOE HASL	Dry Soil Pr	-2.88	4.85	5.03	14255-04-	PCI/G	UH	8.54			1.00	0		1.36	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Lead-212	SOIL	DOE HASL	Dry Soil Pr	0.481	0.0787	0.0901	15092-94-	PCI/G	H	0.0662			1.00	0		0.157	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Lead-214	SOIL	DOE HASL	Dry Soil Pr	0.654	0.137	0.150	15067-28-	PCI/G	H	0.0885			1.00	0		0.506	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Manganes	SOIL	DOE HASL	Dry Soil Pr	0.0481	0.0463	0.0513	13966-31-	PCI/G	UH	0.0944			1.00	0		1.59	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Mercury-2	SOIL	DOE HASL	Dry Soil Pr	-0.261	0.857	0.866	13982-78-	PCI/G	UH	1.54			1.00	0		1.29	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Neodymiu	SOIL	DOE HASL	Dry Soil Pr	-1.12E+06	1.41E+06	1.51E+06	14269-74-	PCI/G	UH	0.000			1.00	0		0.996	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Neptuniur	SOIL	DOE HASL	Dry Soil Pr	-0.0536	0.174	0.176	13968-59-	PCI/G	UH	0.295			1.00	0		1.11	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Niobium-9	SOIL	DOE HASL	Dry Soil Pr	-0.00244	0.0221	0.0221	14681-63-	PCI/G	UH	0.0410			1.00	0		0.89	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Niobium-9	SOIL	DOE HASL	Dry Soil Pr	-0.00452	0.389	0.389	13967-76-	PCI/G	UH	0.710			1.00	0		1.27	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Potassium-	SOIL	DOE HASL	Dry Soil Pr	12.4	1.04	1.55	13966-00-	PCI/G	H	0.257			1.00	0		0.547	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Promethiu	SOIL	DOE HASL	Dry Soil Pr	-0.00189	0.0402	0.0402	14834-73-	PCI/G	UH	0.0708			1.00	0		0.377	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Promethiu	SOIL	DOE HASL	Dry Soil Pr	-0.0279	0.0320	0.0346	14834-74-	PCI/G	UH	0.0520			1.00	0		1.89	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Radium-22	SOIL	DOE HASL	Dry Soil Pr	0.654	0.137	0.150	13982-63-	PCI/G	H	0.0885			1.00	0		0.506	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Radium-22	SOIL	DOE HASL	Dry Soil Pr	0.503	0.196	0.202	15262-20-	PCI/G	H	0.195			1.00	0		0.45	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Ruthenium	SOIL	DOE HASL	Dry Soil Pr	-0.0278	0.316	0.316	13967-48-	PCI/G	UH	0.596			1.00	0		0.315	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Silver-110r	SOIL	DOE HASL	Dry Soil Pr	-0.0672	0.0639	0.0710	378784-24	PCI/G	UH	0.102			1.00	0		1.35	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Sodium-22	SOIL	DOE HASL	Dry Soil Pr	0.00390	0.0289	0.0290	13966-32-	PCI/G	UH	0.0578			1.00	0		0.587	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Thallium-2	SOIL	DOE HASL	Dry Soil Pr	0.164	0.0565	0.0584	14913-50-	PCI/G	H	0.0432			1.00	0		1.42	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pr	0.653	0.137	0.150	14269-63-	PCI/G	H	0.0885			1.00	0		0.507	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pr	0.503	0.196	0.202	7440-29-1	PCI/G	H	0.195			1.00	0		0.45	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Thorium-2	SOIL	DOE HASL	Dry Soil Pr	0.285	2.38	2.38	15065-10-	PCI/G	HU	2.09			1.00	0		0.15	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Tin-113	SOIL	DOE HASL	Dry Soil Pr	-0.0637	0.115	0.119	13966-06-	PCI/G	HU	0.214			1.00	0		0.54	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pr	0.653	0.137	0.150	13966-29-	PCI/G	H	0.0885			1.00	0		0.507	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pr	-0.0473	0.123	0.123	15117-96-	PCI/G	HU	0.222			1.00	0		0.35	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Uranium-2	SOIL	DOE HASL	Dry Soil Pr	0.285	2.38	2.38	7440-61-1	PCI/G	HU	2.09			1.00	0		0.15	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Yttrium-88	SOIL	DOE HASL	Dry Soil Pr	0.00694	0.101	0.101	13982-36-	PCI/G	HU	0.211			1.00	0		0.0172	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Zinc-65	SOIL	DOE HASL	Dry Soil Pr	0.0783	0.113	0.119	13982-39-	PCI/G	HU	0.215			1.00	0		0.887	3
310-Bkgoff1-8.24.22-S(6	120537729GEL	2414710	120537725	DUP	TARGET	08/24/22 1	04/14/23 C	04/15/23 1	05/08/23 C	618474	Zirconium-	SOIL	DOE HASL	Dry Soil Pr	-0.278	0.610	0.623	13967-71-	PCI/G	HU	1.09			1.00	0		1.77	3
LCS for batch 2414710	120537729GEL	2414710	120537725	LCS	SPIKE	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Americium	SOIL	DOE HASL	Dry Soil Pr	108	11.5	58.2	14596-10-	%		4.73			1.00	0	484		75	125
LCS for batch 2414710	120537729GEL	2414710	120537725	LCS	SPIKE	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Cesium-13	SOIL	DOE HASL	Dry Soil Pr	95.2	2.79	12.6	10045-97-	%		0.654	0.100	0.100	1.00	0	154		75	125
LCS for batch 2414710	120537729GEL	2414710	120537725	LCS	SPIKE	05/08/23 C	05/08/23 C	05/08/23 C	05/08/23 C	618474	Cobalt-60	SOIL	DOE HASL	Dry Soil Pr	94.7	2.34	6.04	10198-40-	%		0.452			1.00	0	67.9		75	125

Sample_Nc	Lab_Id	Laboratory	Batch_No	Assoc_Blnk	Sample_Ty	Analyte_Ty	Collect Dat	Receive_D	Prep_Date	Analysis_D	Leachate_I	SDG	Parameter	Fraction	Matrix	Method	Prep_Meth	Lab_Result	Uncertaint	TPU	Cas_num	Units	Lab_Qual	MDL/MDA	PQL	RL_CRDL	Dilution_F	Pct_Moist	Spike_Amc	RPD/RER	RPD/RER L	Lower_Lim	Upper_Lim	Retention_	Comments
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Actinium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.534	0.309	0.312	14331-83-	PCI/G		0.319			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pr	1.05	0.570	0.579	14913-49-	PCI/G		0.943			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pr	2.84	0.289	0.400	14733-03-	PCI/G		0.133			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Lead-210	RAD	SOIL	DOE HASL	Dry Soil Pr	2.31	0.828	0.855	14255-04-	PCI/G		0.586			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Lead-212	RAD	SOIL	DOE HASL	Dry Soil Pr	0.601	0.105	0.117	15092-94-	PCI/G		0.0950			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Lead-214	RAD	SOIL	DOE HASL	Dry Soil Pr	3.38	0.252	0.370	15067-28-	PCI/G		0.123			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Potassium-	RAD	SOIL	DOE HASL	Dry Soil Pr	4.04	1.28	1.32	13966-00-	PCI/G		0.869			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	3.38	0.252	0.370	13982-63-	PCI/G		0.123			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	0.534	0.309	0.312	15262-20-	PCI/G		0.319			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Thallium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.143	0.0946	0.0956	14913-50-	PCI/G		0.0730			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	3.38	0.252	0.370	14269-63-	PCI/G		0.123			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.534	0.309	0.312	7440-29-1	PCI/G		0.319			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	2.25	0.958	1.08	15065-10-	PCI/G		0.806			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	3.38	0.252	0.370	13966-29-	PCI/G		0.123			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.281	0.259	0.261	15117-96-	PCI/G		0.279			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	2.25	0.958	1.08	7440-61-1	PCI/G		0.806			1.00	7.55							
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Actinium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.679	0.387	0.391	14331-83-	PCI/G		0.355			1.00	0		0.567	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pr	2.97	0.277	0.382	14733-03-	PCI/G		0.126			1.00	0		0.453	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Lead-212	RAD	SOIL	DOE HASL	Dry Soil Pr	0.491	0.127	0.133	15092-94-	PCI/G		0.123			1.00	0		1.23	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Lead-214	RAD	SOIL	DOE HASL	Dry Soil Pr	3.35	0.295	0.410	15067-28-	PCI/G		0.167			1.00	0		0.0888	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Potassium-	RAD	SOIL	DOE HASL	Dry Soil Pr	4.35	1.20	1.26	13966-00-	PCI/G		0.694			1.00	0		0.323	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	3.35	0.295	0.410	13982-63-	PCI/G		0.167			1.00	0		0.0888	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	0.679	0.387	0.391	15262-20-	PCI/G		0.355			1.00	0		0.567	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Thallium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.144	0.0990	0.0999	14913-50-	PCI/G		0.0770			1.00	0		0.0184	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	3.35	0.295	0.410	14269-63-	PCI/G		0.167			1.00	0		0.0923	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.679	0.387	0.391	7440-29-1	PCI/G		0.355			1.00	0		0.567	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	2.20	1.57	1.66	15065-10-	PCI/G		1.36			1.00	0		0.0505	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	3.35	0.295	0.410	13966-29-	PCI/G		0.167			1.00	0		0.0923	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	2.20	1.57	1.66	7440-61-1	PCI/G		1.36			1.00	0		0.0505	3				
310-250.5.	614104002	GEL	2398234	12053453	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.858	0.706	0.710	14913-49-	PCI/G		0.852			1.00	9.42							
310-250.5.	614104002	GEL	2398234	12053453	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pr	2.81	0.226	0.329	14733-03-	PCI/G		0.103			1.00	9.42							
310-250.5.	614104002	GEL	2398234	12053453	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Lead-212	RAD	SOIL	DOE HASL	Dry Soil Pr	0.712	0.102	0.123	15092-94-	PCI/G		0.100			1.00	9.42							
310-250.5.	614104002	GEL	2398234	12053453	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Lead-214	RAD	SOIL	DOE HASL	Dry Soil Pr	3.41	0.244	0.402	15067-28-	PCI/G		0.127			1.00	9.42							
310-250.5.	614104002	GEL	2398234	12053453	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Potassium-	RAD	SOIL	DOE HASL	Dry Soil Pr	7.39	0.997	1.25	13966-00-	PCI/G		0.447			1.00	9.42							
310-250.5.	614104002	GEL	2398234	12053453	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	3.41	0.244	0.402	13982-63-	PCI/G		0.127			1.00	9.42							
310-250.5.	614104002	GEL	2398234	12053453	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Thallium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.221	0.0756	0.0780	14913-50-	PCI/G		0.0585			1.00	9.42							
310-250.5.	614104002	GEL	2398234	12053453	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	3.41	0.244	0.402	14269-63-	PCI/G		0.127			1.00	9.42							
310-250.5.	614104002	GEL	2398234	12053453	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	3.94	3.11	3.26	15065-10-	PCI/G		3.03			1.00	9.42							
310-250.5.	614104002	GEL	2398234	12053453	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	3.41	0.244	0.402	13966-29-	PCI/G		0.127			1.00	9.42							
310-250.5.	614104002	GEL	2398234	12053453	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	3.94	3.11	3.26	7440-61-1	PCI/G		3.03			1.00	9.42							
LCS for bat	12053453	GEL	2398234	12053453	LCS	SPIKE	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1		614104	Americium	RAD	SOIL	DOE HASL	Dry Soil Pr	115	12.3	65.9	14596-10-	%		6.18			1.00	0	484			75	125		
LCS for bat	12053453	GEL	2398234	12053453	LCS	SPIKE	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1		614104	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	99.6	3.22	13.0	10045-97-	%		0.846	0.100	0.100	1.00	0	154			75	125		
LCS for bat	12053453	GEL	2398234	12053453	LCS	SPIKE	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1		614104	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pr	100	2.58	8.47	10198-40-	%		0.520			1.00	0	68.7			75	125		
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Americium	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0266	0.0427	0.0444	14596-10-	PCI/G	U	0.0726			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.116	0.122	0.133	14683-10-	PCI/G	U	0.193			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0149	0.0993	0.0995	14234-35-	PCI/G	U	0.181			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Barium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0511	0.0438	0.0496	13981-41-	PCI/G	U	0.0830			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Barium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	0.690	0.986	1.04	14798-08-	PCI/G	U	1.93			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Beryllium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.304	0.458	0.479	13966-02-	PCI/G	U	0.899			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cerium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00174	0.0288	0.0288	13982-30-	PCI/G	U	0.0512			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0378	0.0873	0.0890	13967-74-	PCI/G	U	0.140			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0133	0.163	0.163	14762-78-	PCI/G	U	0.294			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0221	0.0456	0.0467	13967-70-	PCI/G	U	0.0881			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.197	0.387	0.397	14234-29-	PCI/G	U	0.783			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00802	0.0453	0.0454	10045-97-	PCI/G	U	0.0799	0.100	0.100	1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Chromium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0127	0.616	0.616	14392-02-	PCI/G	U	1.06			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cobalt-56	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00673	0.0508	0.0509	14093-03-	PCI/G	U	0.0968			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cobalt-57	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00528	0.0189	0.0191	13981-50-	PCI/G	U	0.0338			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cobalt-58	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0173	0.0619	0.0625	13981-38-	PCI/G	U	0.121			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00615	0.0509	0.0509	10198-40-	PCI/G	U	0.0937			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0205	0.0945	0.0949	14683-23-	PCI/G	U	0.180			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0377	0.138	0.139	15585-10-	PCI/G	U	0.249			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0222	0.0649	0.0657	14391-16-	PCI/G	U	0.122			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Iridium-19	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0227	0.0409	0.0422	14694-69-	PCI/G	U	0.0741			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Iron-59	RAD	SOIL	DOE HASL	Dry Soil Pr	0.128	0.156	0.167	14596-12-	PCI/G	U	0.322			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Manganes	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0426	0.0452	0.0492	13966-31-	PCI/G	U	0.0768			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Mercury-2	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00933	0.0470	0.0472	13982-78-	PCI/G	U	0.0796			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Neodymiu	RAD	SOIL	DOE HASL	Dry Soil Pr	1.67	2.31	2.44	14269-74-	PCI/G	U	4.60			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Neptunium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0173	0.181	0.181	13968-59-	PCI/G	U	0.332			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0256	0.0511	0.0525	14681-63-	PCI/G	U	0.0719			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0349	0.0704	0.0722	13967-76-	PCI/G	U	0.121			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00619	0.0555	0.0555	14834-73-	PCI/G	U	0.0890			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0410	0.0459	0.0497	14834-74-	PCI/G	U	0.0901			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Ruthenium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.200	0.365	0.377	13967-48-	PCI/G	U	0.709			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Silver-110	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0102	0.0596	0.0598	378784-24	PCI/G	U	0.112			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Sodium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0134	0.0492	0.0496	13966-32-	PCI/G	U	0.0888			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Tin-113	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0466	0.0595	0.0632	13966-06-	PCI/G	U	0.0907			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Yttrium-88	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0288	0.0561	0.0576	13982-36-	PCI/G	U	0.101			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Zinc-65	RAD	SOIL	DOE HASL	Dry Soil Pr	0.142	0.0750	0.0759	13982-39-	PCI/G	U	0.171			1.00	7.55							
310-100.5.	614104001	GEL	2398234	12053453	SAMPLE	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Zirconium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0252	0.102	0.102	13967-71-	PCI/G	U	0.190			1.00	7.55							
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Americium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0386	0.0837	0.0856	14596-10-	PCI/G	U	0.142			1.00	0		1.32	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00552	0.125	0.125	14683-10-	PCI/G	U	0.258			1.00	0		1.3	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0663	0.111	0.115	14234-35-	PCI/G	U	0.194			1.00	0		0.663	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Barium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00513	0.0537	0.0537	13981-41-	PCI/G	U	0.0911			1.00	0		1.23	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Barium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	0.820	1.01	1.08	14798-08-	PCI/G	U	2.04			1.00	0		0.169	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Beryllium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.256	0.466	0.481	13966-02-	PCI/G	U	0.818			1.00	0		1.62	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.550	0.819	0.821	14913-49-	PCI/G	U	1.19			1.00	0		0.977	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cerium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0289	0.0420	0.0444	13982-30-	PCI/G	U	0.0693			1.00	0		1.14	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	0.170	0.231	0.244	13967-74-	PCI/G	U	0.209			1.00	0		1.57	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.160	0.232	0.243	14762-78-	PCI/G	U	0.388			1.00	0		1.16	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0193	0.0533	0.0540	13967-70-	PCI/G	U	0.101			1.00	0		0.0768	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0304	0.331	0.331	14234-29-	PCI/G	U	0.649			1.00	0		0.862	3				
310-100.5.	12053453	GEL	2398234	12053453	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1		614104	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0107	0.0518	0.0520	10045-97-	PCI/G	U	0.0875	0.100	0.100	1.00	0		0.531	3				

310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Chromium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0886	0.762	0.763	14392-02-(	PCI/G	U	1.43			1.00	0	0.152	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Cobalt-56	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00131	0.0579	0.0579	14093-03-!	PCI/G	U	0.106			1.00	0	0.204	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Cobalt-57	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0117	0.0295	0.0300	13981-50-!	PCI/G	U	0.0531			1.00	0	0.939	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Cobalt-58	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0394	0.0627	0.0652	13981-38-!	PCI/G	U	0.124			1.00	0	0.479	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00642	0.0514	0.0515	10198-40-(	PCI/G	U	0.101			1.00	0	0.00736	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0458	0.114	0.116	14683-23-!	PCI/G	U	0.218			1.00	0	0.332	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.156	0.0900	0.115	15585-10-:	PCI/G	U	0.248			1.00	0	2.1	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0591	0.103	0.107	14391-16-:	PCI/G	U	0.188			1.00	0	0.578	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Iridium-19	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0165	0.0506	0.0512	14694-69-(	PCI/G	U	0.0923			1.00	0	1.16	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Iron-59	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00474	0.124	0.124	14596-12-4	PCI/G	U	0.247			1.00	0	1.16	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Manganes	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00398	0.0519	0.0520	13966-31-!	PCI/G	U	0.0945			1.00	0	1.27	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Mercury-2(	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0854	0.0684	0.0787	13982-78-(	PCI/G	U	0.102			1.00	0	1.62	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Neodymiu	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0808	2.74	2.74	14269-74-(	PCI/G	U	5.08			1.00	0	0.85	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Neptunium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0678	0.271	0.272	13968-59-7	PCI/G	U	0.485			1.00	0	0.303	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00387	0.0404	0.0404	14681-63-:	PCI/G	U	0.0747			1.00	0	0.642	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00559	0.0829	0.0830	13967-76-!	PCI/G	U	0.134			1.00	0	0.522	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0192	0.0451	0.0460	14834-73-2	PCI/G	U	0.0778			1.00	0	0.691	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0589	0.0504	0.0574	14834-74-:	PCI/G	U	0.0823			1.00	0	2.58	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Ruthenium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.190	0.428	0.436	13967-48-:	PCI/G	U	0.820			1.00	0	0.034	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Silver-110r	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0160	0.0677	0.0681	378784-24	PCI/G	U	0.119			1.00	0	0.125	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Sodium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0557	0.0321	0.0411	13966-32-(	PCI/G	U	0.0887			1.00	0	2.1	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Tin-113	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000313	0.0557	0.0557	13966-06-8	PCI/G	U	0.104			1.00	0	1.09	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.341	0.463	0.464	15117-96-:	PCI/G	U	0.412			1.00	0	0.219	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Yttrium-88	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0271	0.0505	0.0520	13982-36-(	PCI/G	U	0.117			1.00	0	1.41	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Zinc-65	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.132	0.202	0.211	13982-39-:	PCI/G	U	0.192			1.00	0	2.39	3
310-100.5. 120534539	GEL	2398234	120534539	DUP	TARGET	02/28/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Zirconium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0328	0.112	0.113	13967-71-(	PCI/G	U	0.196			1.00	0	0.746	3
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Americium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.182	0.228	0.244	14596-10-2	PCI/G	U	0.406			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0695	0.105	0.110	14683-10-4	PCI/G	U	0.230			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0485	0.0855	0.0883	14234-35-6	PCI/G	U	0.151			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Barium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0184	0.0412	0.0421	13981-41-4	PCI/G	U	0.0661			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Barium-14(	RAD	SOIL	DOE HASL	Dry Soil Pr	0.190	0.609	0.615	14798-08-4	PCI/G	U	1.17			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Beryllium-7	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00928	0.350	0.350	13966-02-4	PCI/G	U	0.648			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Cerium-13!	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0261	0.0323	0.0349	13982-30-4	PCI/G	U	0.0584			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0558	0.101	0.105	13967-74-:	PCI/G	U	0.166			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0960	0.207	0.212	14762-78-8	PCI/G	U	0.346			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0190	0.0367	0.0377	13967-70-!	PCI/G	U	0.0707			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0974	0.251	0.255	14234-29-8	PCI/G	U	0.509			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0347	0.0344	0.0379	10045-97-:	PCI/G	U	0.0690	0.100	0.100	1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Chromium	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0686	0.528	0.529	14392-02-(	PCI/G	U	0.979			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Cobalt-56	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0135	0.0464	0.0469	14093-03-!	PCI/G	U	0.0807			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Cobalt-57	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00563	0.0260	0.0262	13981-50-!	PCI/G	U	0.0462			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Cobalt-58	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00789	0.0435	0.0437	13981-38-!	PCI/G	U	0.0809			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0473	0.0909	0.0935	14683-23-!	PCI/G	U	0.163			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00304	0.0963	0.0963	15585-10-:	PCI/G	U	0.177			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0819	0.108	0.114	14391-16-:	PCI/G	U	0.197			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Iridium-19	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.000681	0.0379	0.0379	14694-69-(	PCI/G	U	0.0707			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Iron-59	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0234	0.105	0.106	14596-12-4	PCI/G	U	0.208			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Lead-210	RAD	SOIL	DOE HASL	Dry Soil Pr	5.50	9.45	9.79	14255-04-(	PCI/G	U	17.3			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Manganes	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0217	0.0372	0.0385	13966-31-!	PCI/G	U	0.0623			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Mercury-2(	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00479	0.0516	0.0517	13982-78-(	PCI/G	U	0.0877			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Neodymiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.574	1.71	1.73	14269-74-(	PCI/G	U	3.06			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Neptunium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0991	0.244	0.248	13968-59-7	PCI/G	U	0.440			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00357	0.0281	0.0281	14681-63-:	PCI/G	U	0.0506			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0234	0.0533	0.0544	13967-76-!	PCI/G	U	0.0911			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0234	0.0322	0.0339	14834-73-2	PCI/G	U	0.0538			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00608	0.0405	0.0406	14834-74-:	PCI/G	U	0.0754			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Ruthenium	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.382	0.344	0.386	13967-48-:	PCI/G	U	0.467			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Silver-110r	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0421	0.0500	0.0537	378784-24	PCI/G	U	0.0801			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Sodium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00234	0.0345	0.0346	13966-32-(	PCI/G	U	0.0638			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Tin-113	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000659	0.0470	0.0470	13966-06-8	PCI/G	U	0.0871			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.101	0.214	0.214	15117-96-:	PCI/G	U	0.351			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Yttrium-88	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0184	0.0367	0.0377	13982-36-(	PCI/G	U	0.0530			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Zinc-65	RAD	SOIL	DOE HASL	Dry Soil Pr	0.135	0.0864	0.106	13982-39-:	PCI/G	U	0.166			1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534539	SAMPLE	TARGET	03/02/23 1	03/13/23 (	03/15/23 1	04/06/23 1	614104	Zirconium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0453	0.0879	0.0904	13967-71-(	PCI/G	U	0.167			1.00	9.42		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Actinium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0335	0.107	0.108	14331-83-(	PCI/G	U	0.205			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Americium	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00884	0.0209	0.0212	14596-10-2	PCI/G	U	0.0355			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0251	0.0626	0.0637	14683-10-4	PCI/G	U	0.150			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.000896	0.0563	0.0563	14234-35-6	PCI/G	U	0.107			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Barium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00772	0.0232	0.0234	13981-41-4	PCI/G	U	0.0429			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Barium-14(	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0394	0.229	0.229	14798-08-4	PCI/G	U	0.422			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Beryllium-7	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0515	0.242	0.243	13966-02-4	PCI/G	U	0.468			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0142	0.334	0.334	14913-49-6	PCI/G	U	0.619			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00463	0.0561	0.0562	14733-03-(	PCI/G	U	0.0975			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Cerium-13!	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00657	0.0143	0.0146	13982-30-4	PCI/G	U	0.0244			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0348	0.0333	0.0370	13967-74-:	PCI/G	U	0.0534			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0224	0.0788	0.0795	14762-78-8	PCI/G	U	0.151			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0121	0.0245	0.0251	13967-70-!	PCI/G	U	0.0533			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0409	0.0874	0.0894	14234-29-8	PCI/G	U	0.159			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00715	0.0259	0.0261	10045-97-:	PCI/G	U	0.0504	0.100	0.100	1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Chromium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.213	0.219	0.240	14392-02-(	PCI/G	U	0.473			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Cobalt-56	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00245	0.0253	0.0253	14093-03-!	PCI/G	U	0.0519			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Cobalt-57	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000346	0.0100	0.0100	13981-50-!	PCI/G	U	0.0187			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Cobalt-58	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00792	0.0200	0.0204	13981-38-!	PCI/G	U	0.0453			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00438	0.0247	0.0248	10198-40-(	PCI/G	U	0.0522			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00330	0.0628	0.0628	14683-23-!	PCI/G	U	0.109			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0484	0.0737	0.0769	15585-10-:	PCI/G	U	0.124			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0305	0.0606	0.0622	14391-16-:	PCI/G	U	0.0700			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Iridium-19	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00199	0.0168	0.0168	14694-69-(	PCI/G	U	0.0326			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Iron-59	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00718	0.0431	0.0432	14596-12-4	PCI/G	U	0.0957			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Lead-210	RAD	SOIL	DOE HASL	Dry Soil Pr	0.159	0.513	0.513	14255-04-(	PCI/G	U	0.372			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Lead-212	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.000536	0.0351	0.0351	15092-94-:	PCI/G	U	0.0658			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Lead-214	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0149	0.0480	0.0485	15067-28-4	PCI/G	U	0.0827			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Manganes	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00773	0.0232	0.0235	13966-31-!	PCI/G	U	0.0440			1.00	0		
MB for bat 120534539	GEL	2398234	120534539	MB	TARGET	04/06/23 1	04/06/23 1	04/06/23 1	04/06/23 1	614104	Mercury-2(	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00112	0.0202	0.0202	13982-78-(	PCI/G	U	0.0393			1.00	0		

MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Neodymiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.126	0.446	0.450	14269-74-	PCI/G	U	0.818		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Neptuniur	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0517	0.104	0.107	13968-59-	PCI/G	U	0.204		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00209	0.0230	0.0230	14681-63-	PCI/G	U	0.0421		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00965	0.0278	0.0281	13967-76-	PCI/G	U	0.0581		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Potassium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.143	0.306	0.306	13966-00-	PCI/G	U	0.412		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0106	0.0222	0.0228	14834-73-	PCI/G	U	0.0380		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00743	0.0254	0.0256	14834-74-	PCI/G	U	0.0414		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0149	0.0480	0.0485	13982-63-	PCI/G	U	0.0827		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0335	0.107	0.108	15262-20-	PCI/G	U	0.205		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Ruthenium	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00933	0.202	0.202	13967-48-	PCI/G	U	0.380		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Silver-110r	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00797	0.0297	0.0299	378784-24	PCI/G	U	0.0574		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Sodium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0139	0.0249	0.0257	13966-32-	PCI/G	U	0.0434		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Thallium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0323	0.0312	0.0346	14913-50-	PCI/G	U	0.0472		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0149	0.0480	0.0485	14269-63-	PCI/G	U	0.0826		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0335	0.107	0.108	7440-29-1	PCI/G	U	0.205		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.538	0.634	0.689	15065-10-	PCI/G	U	0.908		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0149	0.0480	0.0485	13966-29-	PCI/G	U	0.0826		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0219	0.0967	0.0973	15117-96-	PCI/G	U	0.175		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.538	0.634	0.689	7440-61-1	PCI/G	U	0.908		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Yttrium-88	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00965	0.0354	0.0357	13982-36-	PCI/G	U	0.0782		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Zinc-65	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0129	0.0534	0.0537	13982-39-	PCI/G	U	0.101		1.00	0		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Zirconium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0383	0.0495	0.0526	13967-71-	PCI/G	U	0.110		1.00	0		
310-100.5. 120534535	GEL	2398234	120534535	DUP	TARGET	02/28/23	103/13/23	03/15/23	104/06/23 1	614104	Lead-210	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	0.712	1.28	14255-04-	PCI/G	UI	1.36		1.00	0	2.94	3
310-250.5. 614104002	GEL	2398234	120534535	SAMPLE	TARGET	03/02/23	103/13/23	03/15/23	104/06/23 1	614104	Actinium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	0.244	0.477	14331-83-	PCI/G	UI	0.493		1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534535	SAMPLE	TARGET	03/02/23	103/13/23	03/15/23	104/06/23 1	614104	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	0.0327	0.0339	10198-40-	PCI/G	UI	0.0649		1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534535	SAMPLE	TARGET	03/02/23	103/13/23	03/15/23	104/06/23 1	614104	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	0.244	0.477	15262-20-	PCI/G	UI	0.493		1.00	9.42		
310-250.5. 614104002	GEL	2398234	120534535	SAMPLE	TARGET	03/02/23	103/13/23	03/15/23	104/06/23 1	614104	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	0.244	0.477	7440-29-1	PCI/G	UI	0.493		1.00	9.42		
MB for bat 120534535	GEL	2398234	120534535	MB	TARGET	04/06/23	104/06/23	104/06/23	104/06/23 1	614104	Tin-113	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	0.0686	0.0689	13966-06-	PCI/G	UI	0.0484		1.00	0		

Sample_No	Lab_Id	Laboratory	Batch_No	Assoc_Blnk	Sample_Ty	Analyte_Ty	Collect Dat	Receive_D	Prep_Date	Analysis_D	Leachate_I	SDG	Parameter	Fraction	Matrix	Method	Prep_Meth	Lab_Result	Uncertaint	TPU	Cas_num	Units	Lab_Qual	MDL/MDA	PQL	RL_CRDL	Dilution_Fa	Pct_Moist	Spike_Amc	RPD/RER	RPD/RER Li	Lower_Lim	Upper_Lim	Retention_	Comments
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Actinium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.902	0.350	0.363	14331-83-	PCI/G		0.297			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pre	1.29	1.19	1.20	14913-49-	PCI/G		1.01			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pre	4.40	0.318	0.556	14733-03-	PCI/G		0.135			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Lead-210	RAD	SOIL	DOE HASL	Dry Soil Pre	3.02	1.15	1.18	14255-04-	PCI/G		0.763			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Lead-212	RAD	SOIL	DOE HASL	Dry Soil Pre	0.970	0.131	0.162	15092-94-	PCI/G		0.117			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Lead-214	RAD	SOIL	DOE HASL	Dry Soil Pre	5.44	0.349	0.564	15067-28-	PCI/G		0.153			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Potassium-	RAD	SOIL	DOE HASL	Dry Soil Pre	6.76	1.23	1.37	13966-00-	PCI/G		0.646			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pre	5.44	0.349	0.564	13982-63-	PCI/G		0.153			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pre	0.902	0.350	0.363	15262-20-	PCI/G		0.297			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Thallium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.221	0.110	0.112	14913-50-	PCI/G		0.0754			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	5.44	0.349	0.564	14269-63-	PCI/G		0.153			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.902	0.350	0.363	7440-29-1	PCI/G		0.297			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	4.38	1.34	1.67	15065-10-	PCI/G		0.966			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	5.44	0.349	0.564	13966-29-	PCI/G		0.153			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	4.38	1.34	1.67	7440-61-1	PCI/G		0.966			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Actinium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.629	0.464	0.468	14331-83-	PCI/G		0.264			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pre	1.15	0.803	0.811	14913-49-	PCI/G		0.746			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pre	3.07	0.288	0.405	14733-03-	PCI/G		0.126			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Lead-212	RAD	SOIL	DOE HASL	Dry Soil Pre	0.837	0.125	0.141	15092-94-	PCI/G		0.107			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Lead-214	RAD	SOIL	DOE HASL	Dry Soil Pre	3.48	0.255	0.382	15067-28-	PCI/G		0.140			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Potassium-	RAD	SOIL	DOE HASL	Dry Soil Pre	7.14	1.24	1.39	13966-00-	PCI/G		0.599			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pre	3.48	0.255	0.382	13982-63-	PCI/G		0.140			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pre	0.629	0.464	0.468	15262-20-	PCI/G		0.264			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Thallium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.264	0.0822	0.0858	14913-50-	PCI/G		0.0737			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	3.48	0.255	0.382	14269-63-	PCI/G		0.140			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.629	0.464	0.468	7440-29-1	PCI/G		0.264			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	3.48	0.255	0.382	13966-29-	PCI/G		0.140			1.00	13.7							
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Actinium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.761	0.323	0.332	14331-83-	PCI/G		0.264			1.00	0		0.45	3				
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pre	2.76	0.233	0.346	14733-03-	PCI/G		0.118			1.00	0		1.15	3				
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Lead-212	RAD	SOIL	DOE HASL	Dry Soil Pre	0.825	0.121	0.138	15092-94-	PCI/G		0.0998			1.00	0		0.12	3				
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Lead-214	RAD	SOIL	DOE HASL	Dry Soil Pre	3.62	0.261	0.393	15067-28-	PCI/G		0.122			1.00	0		0.486	3				
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Potassium-	RAD	SOIL	DOE HASL	Dry Soil Pre	6.91	1.05	1.22	13966-00-	PCI/G		0.647			1.00	0		0.244	3				
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pre	3.62	0.261	0.393	13982-63-	PCI/G		0.122			1.00	0		0.486	3				
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pre	0.761	0.323	0.332	15262-20-	PCI/G		0.264			1.00	0		0.45	3				
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Thallium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.248	0.0696	0.0733	14913-50-	PCI/G		0.0551			1.00	0		0.283	3				
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	3.62	0.261	0.393	14269-63-	PCI/G		0.122			1.00	0		0.486	3				
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.761	0.323	0.332	7440-29-1	PCI/G		0.264			1.00	0		0.45	3				
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	3.62	0.261	0.393	13966-29-	PCI/G		0.122			1.00	0		0.486	3				
LCS for bat	120535192	GEL	2401612	120535192	LCS	SPIKE	03/22/23 1	03/22/23 1	03/22/23 1	03/22/23 1		615018	Americium	RAD	SOIL			112	14.7	76.1	14596-10-	%		6.84			1.00	0	484			75	125		
LCS for bat	120535192	GEL	2401612	120535192	LCS	SPIKE	03/22/23 1	03/22/23 1	03/22/23 1	03/22/23 1		615018	Cesium-13	RAD	SOIL			95.2	3.11	12.3	10045-97-	%		0.812	0.100	0.100	1.00	0	154			75	125		
LCS for bat	120535192	GEL	2401612	120535192	LCS	SPIKE	03/22/23 1	03/22/23 1	03/22/23 1	03/22/23 1		615018	Cobalt-60	RAD	SOIL			100	2.56	7.29	10198-40-	%		0.557	0.0600	0.0600	1.00	0	68.6			75	125		
LCS for bat	120535302	GEL	2402155	120535302	LCS	SPIKE	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (		615018	Americium	RAD	SOIL	DOE HASL	Dry Soil Pre	108	7.51	51.3	14596-10-	%		3.85			1.00	0	484			75	125		
LCS for bat	120535302	GEL	2402155	120535302	LCS	SPIKE	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (		615018	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	98.7	2.78	14.3	10045-97-	%		0.705	0.100	0.100	1.00	0	154			75	125		
LCS for bat	120535302	GEL	2402155	120535302	LCS	SPIKE	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (		615018	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pre	96.1	2.23	6.01	10198-40-	%		0.436			1.00	0	68.6			75	125		
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Americium	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0557	0.0963	0.0964	14596-10-	PCI/G	U	0.0963			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0255	0.0751	0.0760	14683-10-	PCI/G	U	0.180			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0945	0.102	0.111	14234-35-	PCI/G	U	0.179			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Barium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.00933	0.0483	0.0485	13981-41-	PCI/G	U	0.0760			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Barium-14	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.366	0.496	0.524	14798-08-	PCI/G	U	0.864			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Beryllium-	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0242	0.404	0.404	13966-02-	PCI/G	U	0.765			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cerium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.00218	0.0323	0.0323	13982-30-	PCI/G	U	0.0592			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0353	0.0863	0.0878	13967-74-	PCI/G	U	0.156			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0501	0.191	0.192	14762-78-	PCI/G	U	0.364			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0191	0.0513	0.0521	13967-70-	PCI/G	U	0.0978			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.137	0.216	0.225	14234-29-	PCI/G	U	0.324			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0102	0.0407	0.0410	10045-97-	PCI/G	U	0.0720	0.100	0.100	1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Chromium	RAD	SOIL	DOE HASL	Dry Soil Pre	0.291	0.541	0.557	14392-02-	PCI/G	U	0.944			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cobalt-56	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.00207	0.0494	0.0494	14093-03-	PCI/G	U	0.0907			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cobalt-57	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.000928	0.0244	0.0244	13981-50-	PCI/G	U	0.0459			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cobalt-58	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0134	0.0452	0.0456	13981-38-	PCI/G	U	0.0883			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0123	0.0438	0.0442	10198-40-	PCI/G	U	0.0850			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0348	0.114	0.116	14683-23-	PCI/G	U	0.194			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0295	0.159	0.160	15585-10-	PCI/G	U	0.278			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pre	0.00355	0.0865	0.0865	14391-16-	PCI/G	U	0.165			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Iridium-19	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0555	0.0616	0.0666	14694-69-	PCI/G	U	0.0817			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Iron-59	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0212	0.121	0.121	14596-12-	PCI/G	U	0.238			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Manganese	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0170	0.0438	0.0445	13966-31-	PCI/G	U	0.0761			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Mercury-2	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0410	0.0505	0.0538	13982-78-	PCI/G	U	0.0830			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Neodymiu	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.327	1.26	1.27	14269-74-	PCI/G	U	2.32			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Neptunium	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.125	0.224	0.232	13968-59-	PCI/G	U	0.411			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0476	0.0473	0.0522	14681-63-	PCI/G	U	0.0773			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0706	0.0725	0.0795	13967-76-	PCI/G	U	0.132			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0291	0.0543	0.0559	14834-73-	PCI/G	U	0.0766			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0152	0.0431	0.0437	14834-74-	PCI/G	U	0.0856			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Ruthenium	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.00745	0.332	0.332	13967-48-	PCI/G	U	0.626			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Silver-110r	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.00526	0.0518	0.0519	378784-24	PCI/G	U	0.0952			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Sodium-22	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0113	0.0565	0.0568	13966-32-	PCI/G	U	0.0992			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Tin-113	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0244	0.0464	0.0477	13966-06-	PCI/G	U	0.0856			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.225	0.225	0.226	15117-96-	PCI/G	U	0.433			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Yttrium-88	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0332	0.0474	0.0497	13982-36-	PCI/G	U	0.0832			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Zinc-65	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0336	0.111	0.112	13982-39-	PCI/G	U	0.178			1.00	13.7							
310-100.Y	615018002	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Zirconium-	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0286	0.0881	0.0890	13967-71-	PCI/G	U	0.171			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Americium	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.126	0.141	0.153	14596-10-	PCI/G	U	0.233			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0165	0.0847	0.0850	14683-10-	PCI/G	U	0.168			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0610	0.104	0.108	14234-35-	PCI/G	U	0.186			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Barium-14	RAD	SOIL	DOE HASL	Dry Soil Pre	0.267	0.505	0.520	14798-08-	PCI/G	U	1.01			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Beryllium-	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0703	0.376	0.378	13966-02-	PCI/G	U	0.729			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cerium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0117	0.0316	0.0322	13982-30-	PCI/G	U	0.0553			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0425	0.0985	0.100	13967-74-	PCI/G	U	0.158			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0449	0.221	0.222	14762-78-	PCI/G	U	0.407			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0318	0.0471	0.0494	13967-70-	PCI/G	U	0.0941			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	0.153	0.205	0.217	14234-29-	PCI/G	U	0.437			1.00	13.7							
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (		615018	Chromium	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.172	0.493	0.499	14392-02-	PCI/G	U	0.920			1.00	13.7							

310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cobalt-56	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0181	0.0348	0.0358	14093-03-	PCI/G	U	0.0735			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cobalt-57	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00767	0.0269	0.0271	13981-50-	PCI/G	U	0.0470			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cobalt-58	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0106	0.0439	0.0441	13981-38-	PCI/G	U	0.0784			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00882	0.0309	0.0312	10198-40-	PCI/G	U	0.0594			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0319	0.0945	0.0956	14683-23-	PCI/G	U	0.176			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0489	0.120	0.122	15585-10-	PCI/G	U	0.231			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0474	0.101	0.104	14391-16-	PCI/G	U	0.181			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Iridium-19	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00682	0.0383	0.0385	14694-69-	PCI/G	U	0.0728			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Iron-59	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0361	0.0994	0.101	14596-12-	PCI/G	U	0.185			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Manganes	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00714	0.0450	0.0451	13966-31-	PCI/G	U	0.0759			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Mercury-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00861	0.0444	0.0446	13982-78-	PCI/G	U	0.0866			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Neodymiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.704	1.10	1.14	14269-74-	PCI/G	U	1.91			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Neptuniu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.253	0.285	0.308	13968-59-	PCI/G	U	0.445			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.000459	0.0375	0.0375	14681-63-	PCI/G	U	0.0690			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00892	0.0533	0.0535	13967-76-	PCI/G	U	0.0905			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0106	0.0340	0.0343	14834-73-	PCI/G	U	0.0664			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00261	0.0464	0.0464	14834-74-	PCI/G	U	0.0871			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Ruthenium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.593	0.444	0.448	13967-48-	PCI/G	U	0.619			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Silver-110	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0300	0.0449	0.0470	378784-24	PCI/G	U	0.0809			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Sodium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0174	0.0426	0.0433	13966-32-	PCI/G	U	0.0820			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	1.75	2.42	2.45	15065-10-	PCI/G	U	2.17			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Tin-113	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00152	0.0452	0.0452	13966-06-	PCI/G	U	0.0871			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.201	0.310	0.311	15117-96-	PCI/G	U	0.389			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	1.75	2.42	2.45	7440-61-1	PCI/G	U	2.17			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Yttrium-88	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00448	0.0328	0.0329	13982-36-	PCI/G	U	0.0712			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Zinc-65	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00313	0.0819	0.0820	13982-39-	PCI/G	U	0.143			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Zirconium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0317	0.0877	0.0889	13967-71-	PCI/G	U	0.154			1.00	13.7		
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Americium	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0569	0.206	0.207	14596-10-	PCI/G	U	0.358			1.00	0	0.525	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00538	0.0988	0.0988	14683-10-	PCI/G	U	0.190			1.00	0	0.167	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0269	0.0917	0.0925	14234-35-	PCI/G	U	0.158			1.00	0	0.47	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Barium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0164	0.0363	0.0371	13981-41-	PCI/G	U	0.0630			1.00	0	0.413	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Barium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	0.227	0.440	0.452	14798-08-	PCI/G	U	0.862			1.00	0	0.114	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Beryllium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0274	0.319	0.319	13966-02-	PCI/G	U	0.602			1.00	0	0.387	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cerium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0159	0.0340	0.0350	13982-30-	PCI/G	U	0.0568			1.00	0	0.175	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0770	0.0912	0.0977	13967-74-	PCI/G	U	0.151			1.00	0	0.483	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.213	0.211	0.232	14762-78-	PCI/G	U	0.345			1.00	0	1.57	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0194	0.0399	0.0409	13967-70-	PCI/G	U	0.0764			1.00	0	0.377	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0956	0.164	0.170	14234-29-	PCI/G	U	0.330			1.00	0	0.407	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0353	0.0406	0.0438	10045-97-	PCI/G	U	0.0727	0.100	0.100	1.00	0	0.803	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Chromium	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.408	0.502	0.535	14392-02-	PCI/G	U	0.851			1.00	0	0.632	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cobalt-56	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0125	0.0364	0.0369	14093-03-	PCI/G	U	0.0726			1.00	0	0.211	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cobalt-57	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0119	0.0269	0.0275	13981-50-	PCI/G	U	0.0496			1.00	0	0.214	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cobalt-58	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0221	0.0385	0.0398	13981-38-	PCI/G	U	0.0543			1.00	0	0.382	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00696	0.0310	0.0311	10198-40-	PCI/G	U	0.0592			1.00	0	0.083	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0324	0.107	0.109	14683-23-	PCI/G	U	0.179			1.00	0	0.872	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0550	0.124	0.126	15585-10-	PCI/G	U	0.213			1.00	0	1.16	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0740	0.110	0.115	14391-16-	PCI/G	U	0.207			1.00	0	1.54	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Iridium-19	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0110	0.0367	0.0371	14694-69-	PCI/G	U	0.0686			1.00	0	0.654	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Iron-59	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0139	0.107	0.107	14596-12-	PCI/G	U	0.169			1.00	0	0.295	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Lead-210	RAD	SOIL	DOE HASL	Dry Soil Pr	-2.48	7.08	7.17	14255-04-	PCI/G	U	13.3			1.00	0	0.541	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Manganes	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00313	0.0329	0.0329	13966-31-	PCI/G	U	0.0634			1.00	0	0.141	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Mercury-2	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0125	0.0438	0.0442	13982-78-	PCI/G	U	0.0788			1.00	0	0.66	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Neodymiu	RAD	SOIL	DOE HASL	Dry Soil Pr	0.708	0.937	0.992	14269-74-	PCI/G	U	1.90			1.00	0	1.83	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Neptuniu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00793	0.274	0.274	13968-59-	PCI/G	U	0.491			1.00	0	1.17	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000493	0.0296	0.0296	14681-63-	PCI/G	U	0.0543			1.00	0	0.0391	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0871	0.0474	0.0621	13967-76-	PCI/G	U	0.0995			1.00	0	1.87	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0327	0.0325	0.0358	14834-73-	PCI/G	U	0.0498			1.00	0	1.71	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0195	0.0362	0.0373	14834-74-	PCI/G	U	0.0723			1.00	0	0.727	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Ruthenium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0523	0.272	0.273	13967-48-	PCI/G	U	0.518			1.00	0	2.02	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Silver-110	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0196	0.0454	0.0463	378784-24	PCI/G	U	0.0906			1.00	0	1.47	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Sodium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0201	0.0439	0.0448	13966-32-	PCI/G	U	0.0755			1.00	0	1.18	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.999	3.53	3.53	15065-10-	PCI/G	U	3.08			1.00	0	0.342	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Tin-113	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0261	0.0481	0.0496	13966-06-	PCI/G	U	0.0897			1.00	0	0.719	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0541	0.226	0.226	15117-96-	PCI/G	U	0.390			1.00	0	1.3	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.999	3.53	3.53	7440-61-1	PCI/G	U	3.08			1.00	0	0.342	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Yttrium-88	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0180	0.0366	0.0375	13982-36-	PCI/G	U	0.0777			1.00	0	0.884	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Zinc-65	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00740	0.0953	0.0953	13982-39-	PCI/G	U	0.155			1.00	0	0.164	3
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 (	03/21/23 1	04/12/23 (	615018	Zirconium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0127	0.0735	0.0738	13967-71-	PCI/G	U	0.137			1.00	0	0.754	3
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Actinium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0244	0.101	0.101	14331-83-	PCI/G	U	0.224			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Americium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0130	0.0497	0.0500	14596-10-	PCI/G	U	0.0950			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00335	0.0559	0.0560	14683-10-	PCI/G	U	0.126			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0114	0.0465	0.0468	14234-35-	PCI/G	U	0.0995			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Barium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00458	0.0241	0.0242	13981-41-	PCI/G	U	0.0468			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Barium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0550	0.221	0.222	14798-08-	PCI/G	U	0.464			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Beryllium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.175	0.183	0.200	13966-02-	PCI/G	U	0.290			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00779	0.329	0.329	14913-49-	PCI/G	U	0.647			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00243	0.0543	0.0543	14733-03-	PCI/G	U	0.105			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Cerium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0134	0.0158	0.0171	13982-30-	PCI/G	U	0.0331			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0227	0.0413	0.0426	13967-74-	PCI/G	U	0.0633			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0269	0.107	0.108	14762-78-	PCI/G	U	0.207			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00845	0.0268	0.0271	13967-70-	PCI/G	U	0.0487			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0407	0.0848	0.0869	14234-29-	PCI/G	U	0.201			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00864	0.0212	0.0215	10045-97-	PCI/G	U	0.0384	0.100	0.100	1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Chromium	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0213	0.213	0.213	14392-02-	PCI/G	U	0.429			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Cobalt-56	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0174	0.0267	0.0279	14093-03-	PCI/G	U	0.0488			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Cobalt-57	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00297	0.0146	0.0147	13981-50-	PCI/G	U	0.0243			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Cobalt-58	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00370	0.0199	0.0200	13981-38-	PCI/G	U	0.0440			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000167	0.0244	0.0244	10198-40-	PCI/G	U	0.0528			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0330	0.0500	0.0523	14683-23-	PCI/G	U	0.0899			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00308	0.0672	0.0672	15585-10-	PCI/G	U	0.147			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0182	0.0450	0.0458	14391-16-	PCI/G	U	0.0917			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Iridium-19	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00471	0.0182	0.0184	14694-69-	PCI/G	U	0.0357			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Iron-59	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0456	0.0466	0.0511	14596-12-	PCI/G	U	0.128			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 (	04/12/23 (	04/12/23 (	04/12/23 (	615018	Lead-210	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.129	0.984	0.986	14255-04-	PCI/G	U	2.02			1.00	0		

MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Lead-212	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0317	0.0373	0.0400	15092-94-	PCI/G	U	0.0686			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Lead-214	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0153	0.0507	0.0512	15067-28-	PCI/G	U	0.104			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Manganese	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00410	0.0188	0.0189	13966-31-	PCI/G	U	0.0390			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Mercury-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0137	0.0267	0.0274	13982-78-	PCI/G	U	0.0559			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Neodymiu	RAD	SOIL	DOE HASL	Dry Soil Pr	0.128	0.464	0.468	14269-74-	PCI/G	U	0.991			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Neptuniur	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0599	0.127	0.130	13968-59-	PCI/G	U	0.202			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00836	0.0216	0.0220	14681-63-	PCI/G	U	0.0456			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00328	0.0216	0.0216	13967-76-	PCI/G	U	0.0462			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Potassium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.122	0.286	0.291	13966-00-	PCI/G	U	0.642			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00236	0.0263	0.0263	14834-73-	PCI/G	U	0.0495			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0207	0.0270	0.0286	14834-74-	PCI/G	U	0.0461			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0153	0.0507	0.0512	13982-63-	PCI/G	U	0.104			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0244	0.101	0.101	15262-20-	PCI/G	U	0.224			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Ruthenium	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0146	0.178	0.178	13967-48-	PCI/G	U	0.353			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Silver-110r	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00952	0.0291	0.0294	378784-24	PCI/G	U	0.0581			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Sodium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00146	0.0229	0.0229	13966-32-	PCI/G	U	0.0492			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Thallium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0201	0.0296	0.0297	14913-50-	PCI/G	U	0.0363			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0153	0.0507	0.0512	14269-63-	PCI/G	U	0.104			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0244	0.101	0.101	7440-29-1	PCI/G	U	0.224			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.304	1.10	1.11	15065-10-	PCI/G	U	1.14			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Tin-113	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00270	0.0238	0.0238	13966-06-	PCI/G	U	0.0474			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0153	0.0507	0.0512	13966-29-	PCI/G	U	0.104			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0144	0.112	0.112	15117-96-	PCI/G	U	0.217			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.304	1.10	1.11	7440-61-1	PCI/G	U	1.14			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Yttrium-88	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00144	0.0257	0.0257	13982-36-	PCI/G	U	0.0572			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Zinc-65	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00644	0.0575	0.0576	13982-39-	PCI/G	U	0.116			1.00	0		
MB for bat	120535302	GEL	2402155	120535302	MB	TARGET	04/12/23 0	04/12/23 0	04/12/23 0	04/12/23 0	615018	Zirconium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00831	0.0398	0.0400	13967-71-	PCI/G	U	0.0861			1.00	0		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 0	03/21/23 1	04/12/23 0	615018	Barium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	0.0581	0.0685	13981-41-	PCI/G	UI	0.0791			1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 0	03/21/23 1	04/12/23 0	615018	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	0.0738	0.0742	10045-97-	PCI/G	UI	0.0637	0.100	0.100	1.00	13.7		
310-450.S.	615018001	GEL	2402155	120535302	SAMPLE	TARGET	03/17/23 1	03/20/23 0	03/21/23 1	04/12/23 0	615018	Lead-210	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	5.39	5.41	14255-04-	PCI/G	UI	5.04			1.00	13.7		
310-450.S.	120535302	GEL	2402155	120535302	DUP	TARGET	03/17/23 1	03/20/23 0	03/21/23 1	04/12/23 0	615018	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	0.873	0.877	14913-49-	PCI/G	UI	0.822			1.00	0	1.88	3

Sample_Nc	Lab_Id	Laboratory	Batch_No	Assoc_Blnk	Sample_Ty	Analyte_Ty	Collect Dat	Receive_D	Prep_Date	Analysis_D	Leachate_[	SDG	Parameter	Fraction	Matrix	Method	Prep_Meth	Lab_Result	Uncertaint	TPU	Cas_num	Units	Lab_Qual	MDL/MDA	PQL	RL_CRDL	Dilution_Fa	Pct_Moist	Spike_Amc	RPD/RER	RPD/RER Li	Lower_Lim	Upper_Lim	Retention_	Comments
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Actinium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.791	0.352	0.362	14331-83-	PCI/G		0.253			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pre	1.52	0.871	0.883	14913-49-	PCI/G		0.803			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pre	5.60	0.292	0.572	14733-03-	PCI/G		0.122			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Lead-212	RAD	SOIL	DOE HASL	Dry Soil Pre	1.06	0.132	0.159	15092-94-	PCI/G		0.115			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Lead-214	RAD	SOIL	DOE HASL	Dry Soil Pre	6.74	0.310	0.638	15067-28-	PCI/G		0.145			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Potassium-	RAD	SOIL	DOE HASL	Dry Soil Pre	3.15	0.839	0.898	13966-00-	PCI/G		0.626			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pre	6.74	0.310	0.638	13982-63-	PCI/G		0.145			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pre	0.791	0.352	0.362	15262-20-	PCI/G		0.253			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Thallium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.270	0.0851	0.0883	14913-50-	PCI/G		0.0628			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	6.74	0.310	0.638	14269-63-	PCI/G		0.145			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.791	0.352	0.362	7440-29-1	PCI/G		0.253			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	4.46	4.50	4.62	15065-10-	PCI/G		3.24			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	6.74	0.310	0.638	13966-29-	PCI/G		0.145			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	4.46	4.50	4.62	7440-61-1	PCI/G		3.24			1.00	9.62							
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Actinium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.803	0.427	0.432	14331-83-	PCI/G		0.326			1.00	0		0.0424	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pre	5.80	0.344	0.619	14733-03-	PCI/G		0.149			1.00	0		0.458	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Lead-212	RAD	SOIL	DOE HASL	Dry Soil Pre	0.955	0.134	0.153	15092-94-	PCI/G		0.138			1.00	0		0.897	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Lead-214	RAD	SOIL	DOE HASL	Dry Soil Pre	6.51	0.361	0.660	15067-28-	PCI/G		0.169			1.00	0		0.491	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Potassium-	RAD	SOIL	DOE HASL	Dry Soil Pre	4.12	1.09	1.16	13966-00-	PCI/G		0.855			1.00	0		1.31	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pre	6.51	0.361	0.660	13982-63-	PCI/G		0.169			1.00	0		0.491	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pre	0.803	0.427	0.432	15262-20-	PCI/G		0.326			1.00	0		0.0424	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Thallium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.220	0.106	0.108	14913-50-	PCI/G		0.0829			1.00	0		0.699	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	6.51	0.361	0.660	14269-63-	PCI/G		0.169			1.00	0		0.491	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.803	0.427	0.432	7440-29-1	PCI/G		0.326			1.00	0		0.0424	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	5.87	2.05	2.50	15065-10-	PCI/G		1.32			1.00	0		0.523	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	6.51	0.361	0.660	13966-29-	PCI/G		0.169			1.00	0		0.491	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	5.87	2.05	2.50	7440-61-1	PCI/G		1.32			1.00	0		0.523	3				
LCS for bat	120535559	GEL	2403509	120535559	LCS	SPIKE	04/16/23	04/16/23	04/16/23	04/16/23		615562	Americium	RAD	SOIL	DOE HASL	Dry Soil Pre	108	9.01	45.3	14596-10-	%		3.80			1.00	0	484			75	125		
LCS for bat	120535559	GEL	2403509	120535559	LCS	SPIKE	04/16/23	04/16/23	04/16/23	04/16/23		615562	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	97.4	2.75	14.0	10045-97-	%		0.548	0.100	0.100	1.00	0	154			75	125		
LCS for bat	120535559	GEL	2403509	120535559	LCS	SPIKE	04/16/23	04/16/23	04/16/23	04/16/23		615562	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pre	97.9	2.18	6.11	10198-40-	%		0.346			1.00	0	68.4			75	125		
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Americium	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.00381	0.256	0.256	14596-10-	PCI/G	U	0.409			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pre	0.00245	0.101	0.101	14683-10-	PCI/G	U	0.173			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0215	0.102	0.102	14234-35-	PCI/G	U	0.185			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Barium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0206	0.0476	0.0485	13981-41-	PCI/G	U	0.0744			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Barium-14	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0252	0.547	0.547	14798-08-	PCI/G	U	0.876			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Beryllium-	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.230	0.381	0.395	13966-02-	PCI/G	U	0.654			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Cerium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0172	0.0342	0.0352	13982-30-	PCI/G	U	0.0620			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.00250	0.0947	0.0947	13967-74-	PCI/G	U	0.158			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.127	0.221	0.229	14762-78-	PCI/G	U	0.405			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0482	0.0416	0.0471	13967-70-	PCI/G	U	0.0818			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	0.00597	0.151	0.151	14234-29-	PCI/G	U	0.259			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0609	0.0441	0.0522	10045-97-	PCI/G	U	0.0822	0.100	0.100	1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Chromium	RAD	SOIL	DOE HASL	Dry Soil Pre	0.00184	0.506	0.506	14392-02-	PCI/G	U	0.919			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Cobalt-56	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0117	0.0440	0.0443	14093-03-	PCI/G	U	0.0715			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Cobalt-57	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0119	0.0273	0.0278	13981-50-	PCI/G	U	0.0519			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Cobalt-58	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.00956	0.0483	0.0485	13981-38-	PCI/G	U	0.0739			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0251	0.0342	0.0361	10198-40-	PCI/G	U	0.0584			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0435	0.110	0.112	14683-23-	PCI/G	U	0.194			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0322	0.108	0.109	15585-10-	PCI/G	U	0.197			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0273	0.108	0.109	14391-16-	PCI/G	U	0.203			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Iridium-19	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0142	0.0404	0.0409	14694-69-	PCI/G	U	0.0719			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Iron-59	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.00906	0.0988	0.0989	14596-12-	PCI/G	U	0.163			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Lead-210	RAD	SOIL	DOE HASL	Dry Soil Pre	-6.13	7.30	7.84	14255-04-	PCI/G	U	12.3			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Manganes	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.00166	0.0534	0.0534	13966-31-	PCI/G	U	0.0650			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Mercury-2	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0236	0.0473	0.0485	13982-78-	PCI/G	U	0.0839			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Neodymiu	RAD	SOIL	DOE HASL	Dry Soil Pre	0.602	0.571	0.573	14269-74-	PCI/G	U	1.89			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Neptunium	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0342	0.280	0.280	13968-59-	PCI/G	U	0.527			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0402	0.0580	0.0609	14681-63-	PCI/G	U	0.0671			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0701	0.0556	0.0642	13967-76-	PCI/G	U	0.0991			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0314	0.0322	0.0353	14834-73-	PCI/G	U	0.0628			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0106	0.0469	0.0471	14834-74-	PCI/G	U	0.0828			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Ruthenium	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.295	0.319	0.347	13967-48-	PCI/G	U	0.521			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Silver-110	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0175	0.0483	0.0490	378784-24	PCI/G	U	0.0887			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Sodium-22	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.00733	0.0375	0.0377	13966-32-	PCI/G	U	0.0695			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Tin-113	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0315	0.0589	0.0606	13966-06-	PCI/G	U	0.0906			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.257	0.384	0.385	15117-96-	PCI/G	U	0.404			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Yttrium-88	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0142	0.0300	0.0307	13982-36-	PCI/G	U	0.0536			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Zinc-65	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0458	0.0790	0.0817	13982-39-	PCI/G	U	0.145			1.00	9.62							
310-500.5.	615562001	GEL	2403509	120535559	SAMPLE	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/16/23		615562	Zirconium-	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0230	0.0787	0.0794	13967-71-	PCI/G	U	0.136			1.00	9.62							
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Americium	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0553	0.0775	0.0817	14596-10-	PCI/G	U	0.138			1.00	0		0.431	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0378	0.110	0.112	14683-10-	PCI/G	U	0.231			1.00	0		0.46	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0786	0.111	0.116	14234-35-	PCI/G	U	0.217			1.00	0		0.724	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Barium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0263	0.0562	0.0575	13981-41-	PCI/G	U	0.0914			1.00	0		0.15	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Barium-14	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.160	0.488	0.494	14798-08-	PCI/G	U	0.885			1.00	0		0.494	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Beryllium-	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.254	0.429	0.445	13966-02-	PCI/G	U	0.761			1.00	0		0.081	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pre	0.789	0.793	0.796	14913-49-	PCI/G	U	0.931			1.00	0		1.2	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Cerium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	0.00398	0.0418	0.0418	13982-30-	PCI/G	U	0.0742			1.00	0		0.759	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pre	0.111	0.235	0.241	14762-78-	PCI/G	U	0.433			1.00	0		1.4	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0749	0.0577	0.0671	13967-70-	PCI/G	U	0.116			1.00	0		0.638	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	0.139	0.210	0.219	14234-29-	PCI/G	U	0.433			1.00	0		0.98	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.00698	0.0513	0.0514	10045-97-	PCI/G	U	0.0821	0.100	0.100	1.00	0		1.82	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Chromium	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.289	0.524	0.540	14392-02-	PCI/G	U	0.961			1.00	0		0.769	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Cobalt-56	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0184	0.0579	0.0585	14093-03-	PCI/G	U	0.0956			1.00	0		0.179	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Cobalt-57	RAD	SOIL	DOE HASL	Dry Soil Pre	0.000490	0.0293	0.0293	13981-50-	PCI/G	U	0.0531			1.00	0		0.551	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Cobalt-58	RAD	SOIL	DOE HASL	Dry Soil Pre	0.00262	0.0586	0.0587	13981-38-	PCI/G	U	0.0956			1.00	0		0.313	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0287	0.0484	0.0501	10198-40-	PCI/G	U	0.0992			1.00	0		1.71	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.110	0.114	0.125	14683-23-	PCI/G	U	0.202			1.00	0		0.775	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0289	0.124	0.125	15585-10-	PCI/G	U	0.230			1.00	0		0.0396	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pre	0.101	0.109	0.119	14391-16-	PCI/G	U	0.207			1.00	0		1.56	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Iridium-19	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.00436	0.0422	0.0423	14694-69-	PCI/G	U	0.0798			1.00	0		0.327	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Iron-59	RAD	SOIL	DOE HASL	Dry Soil Pre	0.0644	0.118	0.121	14596-12-	PCI/G	U	0.240			1.00	0		0.92	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Manganes	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0330	0.0472	0.0496	13966-31-	PCI/G	U	0.0779			1.00	0		0.845	3				
310-500.5.	120535559	GEL	2403509	120535559	DUP	TARGET	03/22/23 1	03/23/23 1	03/24/23 1	04/17/23		615562	Mercury-2	RAD	SOIL	DOE HASL	Dry Soil Pre	-0.0381	0.0562	0.0588	13982-78-	PCI/G	U	0.0919			1.00	0		0.372	3				

310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Neodymiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0820	1.39	1.39	14269-74-	PCI/G	U	2.56			1.00	0	0.891	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Neptuniur	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.322	0.272	0.311	13968-59-	PCI/G	U	0.464			1.00	0	1.67	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0274	0.0423	0.0441	14681-63-	PCI/G	U	0.0815			1.00	0	0.332	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0526	0.0677	0.0719	13967-76-	PCI/G	U	0.119			1.00	0	0.356	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0142	0.0439	0.0444	14834-73-	PCI/G	U	0.0772			1.00	0	1.58	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.000763	0.0494	0.0494	14834-74-	PCI/G	U	0.0923			1.00	0	0.281	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Ruthenium	RAD	SOIL	DOE HASL	Dry Soil Pr	0.224	0.359	0.373	13967-48-	PCI/G	U	0.706			1.00	0	2	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Silver-110r	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0460	0.0668	0.0700	378784-24	PCI/G	U	0.130			1.00	0	1.46	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Sodium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0110	0.0439	0.0442	13966-32-	PCI/G	U	0.0812			1.00	0	0.124	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Tin-113	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0370	0.0567	0.0592	13966-06-	PCI/G	U	0.111			1.00	0	1.58	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Yttrium-88	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0423	0.0596	0.0627	13982-36-	PCI/G	U	0.0774			1.00	0	0.789	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Zinc-65	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0527	0.0917	0.0948	13982-39-	PCI/G	U	0.174			1.00	0	0.108	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Zirconium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0429	0.0915	0.0935	13967-71-	PCI/G	U	0.177			1.00	0	1.05	3
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Actinium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0770	0.109	0.114	14331-83-	PCI/G	U	0.210			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Americium	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0431	0.0948	0.0968	14596-10-	PCI/G	U	0.182			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00916	0.0512	0.0514	14683-10-	PCI/G	U	0.112			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Antimony-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0318	0.0514	0.0535	14234-35-	PCI/G	U	0.0980			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Barium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00370	0.0214	0.0215	13981-41-	PCI/G	U	0.0403			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Barium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0639	0.185	0.187	14798-08-	PCI/G	U	0.377			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Beryllium-7	RAD	SOIL	DOE HASL	Dry Soil Pr	0.157	0.188	0.201	13966-02-	PCI/G	U	0.400			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.266	0.676	0.677	14913-49-	PCI/G	U	0.535			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Bismuth-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0178	0.0508	0.0514	14733-03-	PCI/G	U	0.0931			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Cerium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0217	0.0269	0.0273	13982-30-	PCI/G	U	0.0274			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0558	0.120	0.120	13967-74-	PCI/G	U	0.0599			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0216	0.0930	0.0936	14762-78-	PCI/G	U	0.174			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0133	0.0192	0.0201	13967-70-	PCI/G	U	0.0420			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0620	0.0683	0.0741	14234-29-	PCI/G	U	0.116			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Cesium-13	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0235	0.0204	0.0231	10045-97-	PCI/G	U	0.0452	0.100	0.100	1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Chromium	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00542	0.220	0.220	14392-02-	PCI/G	U	0.405			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Cobalt-56	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00773	0.0243	0.0246	14093-03-	PCI/G	U	0.0439			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Cobalt-57	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00450	0.0113	0.0115	13981-50-	PCI/G	U	0.0226			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Cobalt-58	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00919	0.0218	0.0222	13981-38-	PCI/G	U	0.0390			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Cobalt-60	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0106	0.0204	0.0210	10198-40-	PCI/G	U	0.0370			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0115	0.0478	0.0481	14683-23-	PCI/G	U	0.0855			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0263	0.0553	0.0566	15585-10-	PCI/G	U	0.124			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Europium-	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0195	0.0457	0.0466	14391-16-	PCI/G	U	0.0857			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Iridium-19	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0123	0.0208	0.0215	14694-69-	PCI/G	U	0.0355			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Iron-59	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0374	0.0502	0.0531	14596-12-	PCI/G	U	0.0989			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Lead-210	RAD	SOIL	DOE HASL	Dry Soil Pr	-2.78	3.63	3.85	14255-04-	PCI/G	U	6.06			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Lead-212	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0242	0.0544	0.0555	15092-94-	PCI/G	U	0.0744			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Lead-214	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0143	0.0438	0.0443	15067-28-	PCI/G	U	0.0760			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Manganes	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00427	0.0185	0.0186	13966-31-	PCI/G	U	0.0372			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Mercury-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00450	0.0195	0.0196	13982-78-	PCI/G	U	0.0372			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Neodymiu	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0888	0.398	0.400	14269-74-	PCI/G	U	0.803			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Neptuniur	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0176	0.123	0.124	13968-59-	PCI/G	U	0.241			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00459	0.0192	0.0193	14681-63-	PCI/G	U	0.0378			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Niobium-9	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0148	0.0249	0.0258	13967-76-	PCI/G	U	0.0406			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.000577	0.0223	0.0223	14834-73-	PCI/G	U	0.0419			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Promethiu	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00226	0.0225	0.0225	14834-74-	PCI/G	U	0.0434			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0143	0.0438	0.0443	13982-63-	PCI/G	U	0.0760			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Radium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0770	0.109	0.114	15262-20-	PCI/G	U	0.210			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Ruthenium	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0649	0.144	0.147	13967-48-	PCI/G	U	0.264			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Silver-110r	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00559	0.0261	0.0262	378784-24	PCI/G	U	0.0525			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Sodium-22	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000805	0.0211	0.0211	13966-32-	PCI/G	U	0.0431			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Thallium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00109	0.0229	0.0229	14913-50-	PCI/G	U	0.0350			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0143	0.0438	0.0443	14269-63-	PCI/G	U	0.0760			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0770	0.109	0.114	7440-29-1	PCI/G	U	0.210			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Thorium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.566	1.02	1.06	15065-10-	PCI/G	U	1.90			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Tin-113	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.000762	0.0244	0.0244	13966-06-	PCI/G	U	0.0476			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0143	0.0438	0.0443	13966-29-	PCI/G	U	0.0760			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.0149	0.118	0.118	15117-96-	PCI/G	U	0.204			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.566	1.02	1.06	7440-61-1	PCI/G	U	1.90			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Yttrium-88	RAD	SOIL	DOE HASL	Dry Soil Pr	-0.00650	0.0256	0.0257	13982-36-	PCI/G	U	0.0487			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Zinc-65	RAD	SOIL	DOE HASL	Dry Soil Pr	0.00217	0.0377	0.0377	13982-39-	PCI/G	U	0.0786			1.00	0		
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Zirconium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.0384	0.0756	0.0776	13967-71-	PCI/G	U	0.0761			1.00	0		
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Cerium-14	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	0.200	0.217	13967-74-	PCI/G	UI	0.176			1.00	0	0.0207	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Lead-210	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	0.614	1.74	14255-04-	PCI/G	UI	1.34			1.00	0	1.5	3
310-500.5.	120535555	GEL	2403509	120535555	DUP	TARGET	03/22/23	103/23/23	103/24/23	104/17/23	C	615562	Uranium-2	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	0.508	0.510	15117-96-	PCI/G	UI	0.425			1.00	0	0.788	3
MB for bat	120535555	GEL	2403509	120535555	MB	TARGET	04/16/23	004/16/23	C04/16/23	C04/16/23	C	615562	Potassium-	RAD	SOIL	DOE HASL	Dry Soil Pr	0.000	0.252	0.255	13966-00-	PCI/G	UI	0.321			1.00	0		