Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241			Antimony-124			Antimony-125			Beryllium-7		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-09-00-SL	0.242	U,G	0.798	-0.0333	U,G	0.261	0.0317	U,G	1.26	0.0888	U,G	0.258	0.0153	U,G	0.51	-0.424	U,G	2.1
BD-10-00-SL	0.342	U,G	0.669	0.0413	U,G	0.162	3.8	U,G	4.33	-0.0329	U,G	0.295	-0.0261	U,G	0.533	0.689	U,G	2.56
BD-11-00-SL	0.795	G	0.686	0.0463	U,G	0.0959	1.66	U,G	1.95	-0.0168	U,G	0.3	-0.14	U,G	0.505	0.894	U,G	2.4
BD-12-00-SL	1.81	G,TI	0.986	-0.0283	U,G	0.332	1.94	U,G	2.2	-0.0538	U,G	0.458	-0.082	U,G	0.756	-0.891	U,G	3.45
BP-01-00-SL	0.977	U,G	1.14	0.0594	U,G	0.257	0.0449	U,G	0.25	0	U,G	0.326	-0.0765	U,G	0.573	0.127	U,G	2.55
BP-02-00-SL	0.587	G,TI	0.542	0.00776	U,G	0.118	-0.0768	U,G	0.651	-0.00792	U,G	0.198	0.0129	U,G	0.32	-0.185	U,G	1.59
BP-03-00-SL	0.866	G	0.613	-0.0233	U,G	0.182	0.26	U,G	0.549	-0.0571	U,G	0.247	-0.104	U,G	0.358	-0.0771	U,G	1.73
BP-04-00-SL	0.915	G,TI	0.614	0	U,G	0.0435	0.0104	U,G	0.27	-0.00985	U,G	0.246	-0.0351	U,G	0.35	-1.12	U,G	2.38
BP-05-00-SL	1.27	G	0.552	0.00388	U,G	0.153	-0.0418	U,G	0.646	0.0396	U,G	0.202	-0.015	U,G	0.328	0.174	U,G	1.46
BP-06-00-SL	0.793	G	0.382	0.0169	U,G	0.139	0.0781	U,G	0.251	0.0498	U,G	0.203	0.297	U,G	0.318	0.765	U,G	1.46
BP-07-00-SL	1.27	G	0.656	-0.0465	U,G	0.198	0.566	U,G	0.598	-0.0301	U,G	0.284	0.023	U,G	0.453	0.518	U,G	2.03
BP-08-00-SL	36.4	G	1.06	0.0197	U,G	0.324	-0.089	U,G	0.846	-0.0635	U,G	0.477	0.0314	U,G	0.859	-0.444	U,G	4.2
BP-09-00-SL	1.15	G	0.611	0.0336	U,G	0.157	0.136	U,G	0.27	-0.112	U,G	0.267	0	U,G	0.412	0.0723	U,G	1.7
BP-10-00-SL	1.18	G	0.597	-0.00426	U,G	0.129	0.168	U,G	0.714	0.0178	U,G	0.209	-0.0966	U,G	0.393	0.159	U,G	1.79
BP-11-00-SL	1.45	G	0.634	0.0321	U,G	0.194	-0.188	U,G	0.334	-0.0241	U,G	0.271	0.168	U,G	0.366	0.49	U,G	2.15
BP-12-00-SL	1.42	G	0.517	0.0281	U,G	0.179	-0.143	U,G	0.282	-0.00831	U,G	0.257	0.179	U,G	0.329	-0.47	U,G	2.14
CB-01-00-SL	1.26	=	0.981	-0.0524	UJ	0.269	-0.142	UJ	1.11	-0.122	UJ	0.339	0.186	UJ	0.488	0.382	UJ	1.7
CB-01-00-SL-FD	0.785	U	0.91	0.168	J	0.0758	0.162	UJ	1.11	0.0534	UJ	0.26	0.204	UJ	0.465	0.818	UJ	1.73
DM-01-00-SL	31.6	G	1.93	-0.22	U,G	0.755	2.3	G,TI	1.51	0.26	U,G	0.757	-0.216	U,G	1.28	1.21	U,G	6.7
DM-02-00-SL	-0.0535	U,G	0.987	0.0378	U,G	0.161	2.94	G,TI	2.26	0.253	U,G	0.528	0.0957	U,G	1.02	0.427	U,G	5.08
EP-01-00-SL	1.91	G	1.1	-0.0334	U,G	0.262	0.859	U,G	2.69	-0.0148	U,G	0.392	0.123	U,G	0.543	-1.16	U,G	3.04
EP-02-00-SL	1.68	G,TI	1.52	-0.0116	U,G	0.352	0.91	U,G	1.03	-0.0802	U,G	0.45	0.0264	U,G	0.691	1.6	U,G	2.78
EP-03-00-SL	1.29	G	0.488	0.0629	U,G	0.112	0.226	U,G	1.02	-0.0309	U,G	0.228	0.0471	U,G	0.314	0.331	U,G	1.55
EP-04-00-SL	2.75	G	1.64	0.11	U,G	0.308	3.12	G,TI	1.64	0.447	U,G	0.581	-0.282	U,G	1.12	-2.32	U,G	6.58
EP-04-00-SL-FD	3.9	G	0.802	0.0968	U,G	0.144	2.79	G,TI	1.71	0.089	U,G	0.394	0.0429	U,G	0.677	0.967	U,G	3.1
EP-05-00-SL	1.13	G	0.609	-0.0438	U,G	0.188	0.0573	U,G	0.624	0.0521	U,G	0.213	0.0259	U,G	0.371	-0.811	U,G	2.07
EP-06-00-SL	0.4	U,G	1.42	-0.046	U,G	0.348	1.04	G,TI	0.786	0.1	U,G	0.391	-0.0486	U,G	0.499	0.48	U,G	3.12
EP-07-00-SL	0.648	U,G	1.21	0.0276	U,G	0.418	0.0915	U,G	0.303	-0.0722	U,G	0.499	0.157	U,G	0.599	-0.961	U,G	4.2
EP-08-00-SL	0.836	U,G	0.86	0.0199	U,G	0.19	0.119	U,G	1.91	0.0478	U,G	0.289	0.0576	U,G	0.583	-0.163	U,G	2.41
EP-09-00-SL	1.29	U,G	1.79	0.0309	U,G	0.468	0.0301	U,G	0.44	0.242	U,G	0.524	0.161	U,G	0.785	1.07	U,G	4.58
EP-10-00-SL	0.47	U,G	1.14	-0.038	U,G	0.348	1.8	U,G	4.14	-0.0801	U,G	0.465	0.192	U,G	0.687	-0.731	U,G	3.91
EP-11-00-SL	1.26	G,TI	1.02	-0.107	U,G	0.462	-0.0615	U,G	0.404	-0.0798	U,G	0.535	-0.347	U,G	0.816	0.637	U,G	3.85
EP-12-00-SL	0.857	U,G	1.17	-0.0535	U,G	0.314	0.389	U,G	1.64	0.0508	U,G	0.39	0.216	U,G	0.544	0.464	U,G	2.89
GS-01-00-SL	0.735	U,G	0.753	-0.0453	U,G	0.369	-0.00751	U,G	0.398	-0.256	U,G	0.469	-0.0326	U,G	0.45	0.504	U,G	1.96
GS-01-00-SL-FD	1	G,TI	0.729	-0.0612	U,G	0.214	-0.476	U,G	0.917	-0.29	U,G	0.4	-0.0672	U,G	0.447	-1.36	U,G	2.29
GS-02-00-SL	0.962	G	0.629	-0.0498	U,G	0.246	-0.0844	U,G	0.302	0.0686	U,G	0.223	-0.0793	U,G	0.46	1.02	U,G	2.18
GS-03-00-SL	0.226	U,G	0.682	-0.00284	U,G	0.135	0.00659	U,G	0.215	0	U,G	0.231	0	U,G	0.323	-0.513	U,G	2.1
GS-04-00-SL	0.993	G	0.476	0.0144	U,G	0.183	0.114	U,G	0.229	0.0485	U,G	0.212	0.108	U,G	0.361	-0.39	U,G	2.2
GS-05-00-SL	0.726	G,TI	0.524	-0.048	U,G	0.244	-0.0983	U,G	0.262	0.0104	U,G	0.232	0.041	U,G	0.354	0	U,G	1.88
LF-01-00-SL	1.4	G,TI	0.891	-0.0977	U,G	0.46	-0.11	U,G	0.299	0.159	U,G	0.379	-0.0678	U,G	0.663	-0.907	U,G	3.54
LF-02-00-SL	0.313	U,G	0.793	0.0399	U,G	0.245	0.0143	U,G	0.476	-0.117	U,G	0.38	0.0831	U,G	0.393	-0.439	U,G	1.97
LF-03-00-SL	0.679	U,G	1.11	0.0305	U,G	0.358	0.0403	U,G	1.26	0.0193	U,G	0.493	0.28	U,G	0.599	0.118	U,G	2.95
LF-04-00-SL	1.24	G,TI	0.788	-0.0349	U,G	0.265	0.299	U,G	1.12	0.157	U,G	0.329	0.00451	U,G	0.542	-0.537	U,G	2.95
LF-05-00-SL	0.789	U,G	0.908	0.0111	U,G	0.437	0.0259	U,G	0.234	0.0386	U,G	0.376	-0.0611	U,G	0.547	0.308	U,G	2.69
NB-01-00-SL	0.743	G,TI	0.469	-0.00232	U,G	0.111	0.535	U,G	0.657	-0.049	U,G	0.235	0.224	U,G	0.355	-0.0406	U,G	1.86
NB-02-00-SL	0.121	U,G	0.677	0.0146	U,G	0.139	0.086	U,G	0.193	0.0444	U,G	0.209	-0.017	U,G	0.398	-0.452	U,G	1.93
NB-03-00-SL	0.384	U,G	0.631	-0.0778	U,G	0.263	0.00477	U,G	0.241	-0.00265	U,G	0.258	0.0667	U,G	0.409	0.965	U,G	1.97

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241			Antimony-124			Antimony-125			Beryllium-7		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-04-00-SL	1.5	G	0.611	-0.0102	U,G	0.239	0	U,G	0.289	-0.0989	U,G	0.31	-0.0163	U,G	0.438	-0.0836	U,G	2.25
NB-05-00-SL	0.82	U,G	0.936	0.0058	U,G	0.316	-0.0933	U,G	0.487	-0.026	U,G	0.444	0.123	U,G	0.516	0.38	U,G	2.34
NB-06-00-SL	1.33	G	0.6	-0.0315	U,G	0.201	0.0459	U,G	0.293	-0.0381	U,G	0.273	0.0675	U,G	0.43	0.519	U,G	2.12
NB-07-00-SL	1.12	G	0.642	0.0529	U,G	0.249	0.134	U,G	0.309	0.0518	U,G	0.268	-0.0667	U,G	0.461	-0.105	U,G	2.77
NB-07-00-SL-FD	0.919	G	0.835	0.00526	U,G	0.172	-0.0182	U,G	0.304	-0.102	U,G	0.318	0.0337	U,G	0.43	0.771	U,G	1.78
NB-08-00-SL	0.784	G	0.728	-0.00746	U,G	0.175	-0.304	U,G	0.839	-0.0405	U,G	0.238	0.0494	U,G	0.41	-0.502	U,G	2.08
NB-09-00-SL	1.37	G	0.807	-0.043	U,G	0.219	-0.0273	U,G	0.843	-0.0206	U,G	0.253	0.0392	U,G	0.397	0.582	U,G	1.84
NB-10-00-SL	1.16	G	0.597	0.0109	U,G	0.14	-0.098	U,G	0.291	-0.0676	U,G	0.31	-0.298	U,G	0.486	-0.623	U,G	2.18
NB-11-00-SL	0.975	G	0.473	-0.0324	U,G	0.199	0.0638	U,G	0.316	0.0137	U,G	0.233	0.0148	U,G	0.405	-0.301	U,G	1.88
NB-12-00-SL	1.37	G	0.697	-0.0125	U,G	0.246	0.0133	U,G	0.297	0.0688	U,G	0.223	0.0975	U,G	0.382	-0.0928	U,G	2.23
NB-13-00-SL	1.05	G	0.674	-0.042	U,G	0.178	0.0686	U,G	0.271	0.0496	U,G	0.24	-0.0149	U,G	0.402	0	U,G	1.86
NB-14-00-SL	0.645	U,G	1.07	-0.0256	U,G	0.296	-0.627	U,G	1.23	-0.118	U,G	0.446	0.176	U,G	0.502	-0.809	U,G	2.76
NB-15-00-SL	1.11	G	0.752	0.0571	U,G	0.0938	0.368	U,G	0.619	0.0322	U,G	0.197	0.0697	U,G	0.356	-0.818	U,G	1.95
NB-16-00-SL	0.959	G	0.7	0.0483	U,G	0.0999	0.0679	U,G	0.684	-0.0346	U,G	0.208	-0.0441	U,G	0.402	-0.334	U,G	1.69
NB-17-00-SL	1.46	G	0.618	-0.0358	U,G	0.168	-0.0429	U,G	0.75	0.0787	U,G	0.226	-0.0264	U,G	0.374	-1.31	U,G	2.35
NB-18-00-SL	1.09	G	0.453	-0.0513	U,G	0.22	-0.00472	U,G	0.267	-0.0551	U,G	0.336	-0.132	U,G	0.464	-0.761	U,G	2.19
NB-19-00-SL	1.21	G	0.479	0.0349	U,G	0.148	-0.0178	U,G	0.238	0.0048	U,G	0.191	-0.0497	U,G	0.323	-0.253	U,G	1.61
NB-20-00-SL	1.06	G	0.618	-0.00555	U,G	0.168	0.0118	U,G	0.264	0.0856	U,G	0.228	-0.0462	U,G	0.382	0.458	U,G	1.63
NB-21-00-SL	1.01	G	0.62	-0.078	U,G	0.232	0.0926	U,G	0.24	0.00989	U,G	0.211	0.145	U,G	0.322	-0.881	U,G	2.22
NB-22-00-SL	0.915	G	0.657	0.0735	U,G	0.202	-0.0543	U,G	0.3	0.0491	U,G	0.269	0.0947	U,G	0.37	1.09	U,G	1.66
NB-23-00-SL	1	G	0.627	-0.0141	U,G	0.18	-0.127	U,G	0.281	-0.0397	U,G	0.267	0.0605	U,G	0.386	-0.614	U,G	1.96
NB-24-00-SL	0.791	G	0.506	-0.0306	U,G	0.144	0.0513	U,G	0.67	-0.0416	U,G	0.212	0.0586	U,G	0.32	0.355	U,G	1.38
NB-25-00-SL	0.632	G,TI	0.622	0.0338	U,G	0.158	-0.0733	U,G	0.238	-0.0562	U,G	0.259	-0.0155	U,G	0.38	0.945	U,G	1.53
NB-26-00-SL	0.134	U,G	0.434	0.0196	U,G	0.119	-0.112	U,G	0.559	-0.00825	U,G	0.21	-0.0758	U,G	0.361	0.262	U,G	1.74
NB-27-00-SL	0.584	U,G	0.691	0.0473	U,G	0.162	0.38	U,G	0.784	-0.225	U,G	0.492	0.162	U,G	0.416	-0.167	U,G	2.02
NB-27-00-SL-FD	0.509	U,G	1.02	-0.00797	U,G	0.242	-0.239	U,G	1.26	-0.0788	U,G	0.437	-0.242	U,G	0.598	-1.03	U,G	2.52
OA-01-00-SL	1.07	J	0.821	0.0252	UJ	0.381	-0.0246	UJ	0.386	0	UJ	0.39	-0.0405	UJ	0.598	-0.714	UJ	2.87
OA-01-00-SL-FD	0.655	U	0.687	0.0703	J	0.0634	0.399	UJ	0.92	-0.0124	UJ	0.278	0.0447	UJ	0.466	-0.931	UJ	2.25
OA-02-00-SL	1.13	J	1.05	0.119	J	0.108	0.135	UJ	0.32	-0.135	UJ	0.483	0.282	UJ	0.547	-0.15	UJ	3.29
OA-03-00-SL	0.911	U	0.98	0.0426	UJ	0.258	-0.292	UJ	0.949	0.0405	UJ	0.303	-0.106	UJ	0.544	0.0891	UJ	2.31
OA-04-00-SL	1.14	G	0.781	0.0246	U,G	0.107	-1.77	U,G	3.27	-0.0596	U,G	0.327	-0.0765	U,G	0.645	0.696	U,G	2.71
OA-05-00-SL	1.04	G	0.575	0.0516	U,G	0.196	0.0624	U,G	0.303	-0.0552	U,G	0.282	0.112	U,G	0.366	-0.71	U,G	2.08
OA-06-00-SL	1.03	G	0.67	-0.00848	U,G	0.139	-0.0176	U,G	0.241	-0.0184	U,G	0.255	0.0138	U,G	0.346	-0.46	U,G	1.96
OA-07-00-SL	0.746	G	0.55	0.0142	U,G	0.181	0.103	U,G	0.21	0.00728	U,G	0.236	0.0616	U,G	0.428	-0.16	U,G	1.93
OA-08-00-SL	1.08	G	0.457	-0.0236	U,G	0.186	0.98	U,G	1.63	-0.0448	U,G	0.206	0.105	U,G	0.337	-0.445	U,G	1.85
OA-09-00-SL	0.983	G	0.795	-0.0278	U,G	0.215	-0.235	U,G	1.06	-0.0387	U,G	0.281	0.0385	U,G	0.392	-1.14	U,G	2.3
OA-10-00-SL	0.996	G	0.675	-0.0122	U,G	0.286	-0.417	U,G	1.23	0	U,G	0.36	0.0167	U,G	0.559	0.607	U,G	2.35
OA-11-00-SL	0.75	U,G	0.89	0.0256	U,G	0.3	-0.101	U,G	1.38	0.176	U,G	0.351	0.29	U,G	0.464	0.0325	U,G	2.83
OA-12-00-SL	0.503	U,G	0.977	-0.0429	U,G	0.337	-0.552	U,G	1.44	0.0189	U,G	0.444	0.0738	U,G	0.543	0.0772	U,G	2.67
OA-13-00-SL	1.41	G	1.24	0.0847	G,TI	0.0764	0.0806	U,G	1.63	0.0186	U,G	0.438	-0.126	U,G	0.649	0.533	U,G	3.28
OA-14-00-SL	0.941	G,TI	0.904	0.0713	U,G	0.336	0.367	U,G	1.44	0.0753	U,G	0.367	-0.206	U,G	0.613	-0.616	U,G	3.01
OA-15-00-SL	0.488	U,G	1.13	-0.104	U,G	0.409	-0.236	U,G	1.34	0.0373	U,G	0.418	-0.183	U,G	0.714	-2.09	U,G	4.09
OA-16-00-SL	0.61	U,G	0.958	0	U,G	0.0668	-0.186	U,G	0.862	-0.232	U,G	0.387	0.0595	U,G	0.438	-1.19	U,G	2.88
OA-20-00-SL	0.12	U,G	0.871	-0.00837	U,G	0.254	0.279	U,G	0.736	0.11	U,G	0.274	0.0848	U,G	0.446	-0.893	U,G	2.66
OA-21-00-SL	0.0815	U,G	0.944	0.0461	U,G	0.0623	0.334	U,G	1.29	0	U,G	0.299	-0.0722	U,G	0.54	-0.424	U,G	2.46
OA-22-00-SL	0.217	U	0.532	0.011	U	0.167	0.0827	U	1.01	0	U	0.233	0.0313	U	0.368	0.19	U	1.37
OA-23-00-SL	0.509	U	0.606	0.0118	U	0.18	-0.0507	U	3.57	0.129	U	0.236	-0.0794	U	0.408	0.3	U	1.47

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241			Antimony-124			Antimony-125			Beryllium-7		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
OA-24-00-SL	0.941	G	0.78	0.0624	U,G	0.227	-0.462	U,G	1.26	-0.0783	U,G	0.392	-0.22	U,G	0.678	-0.111	U,G	2.84
OA-25-00-SL	0.474	U,G	0.886	-0.0512	U,G	0.253	-0.129	U,G	0.404	-0.0291	U,G	0.345	0.128	U,G	0.338	0.157	U,G	2.01
OA-26-00-SL	0.62	TI	0.615	0	U	0.248	-0.112	U	2.84	-0.0797	U	0.351	0.148	U	0.543	1.04	U	2.68
OA-27-00-SL	1.1	G	0.746	-0.00516	U,G	0.156	0.139	U,G	0.232	0.0948	U,G	0.178	-0.0112	U,G	0.363	-0.384	U,G	2
OA-28-00-SL	1.08	G	0.575	0.00432	U,G	0.17	0.0292	U,G	0.752	0.0738	U,G	0.18	-0.0713	U,G	0.355	-0.0559	U,G	1.63
OA-29-00-SL	1.19	G	0.498	-0.0315	U,G	0.193	-0.139	U,G	0.283	-0.0166	U,G	0.229	-0.0574	U,G	0.359	-0.27	U,G	1.82
OA-30-00-SL	0.952	G	0.696	-0.0064	U,G	0.194	-0.0744	U,G	0.316	0.011	U,G	0.252	0.126	U,G	0.391	-0.264	U,G	2.07
OA-31-00-SL	0.747	G	0.558	0.0529	G,TI	0.0358	0.101	U,G	0.768	0.00837	U,G	0.188	0.0146	U,G	0.362	0.388	U,G	1.53
OA-32-00-SL	1.04	G	0.476	-0.018	U,G	0.193	-0.0358	U,G	0.287	-0.00311	U,G	0.241	0	U,G	0.366	-0.473	U,G	1.69
OA-33-00-SL	1.33	G	0.399	0.009	U,G	0.136	0.0467	U,G	0.794	0.077	U,G	0.182	-0.114	U,G	0.405	0.187	U,G	1.56
OA-34-00-SL	1.17	G	0.551	-0.00649	U,G	0.153	-0.264	U,G	0.73	0	U,G	0.214	-0.101	U,G	0.407	0.201	U,G	1.68
OA-35-00-SL	0.383	U,G	0.935	0.0788	U,G	0.193	-0.432	U,G	1.07	-0.138	U,G	0.616	-0.219	U,G	0.495	0.596	U,G	2.4
OA-36-00-SL	1.02	G	0.641	-0.0504	U,G	0.249	-0.0573	U,G	0.294	0.203	G,TI	0.179	-0.023	U,G	0.413	-0.778	U,G	2.57
OA-37-00-SL	1.04	U,G	1.12	0	U,G	0.309	-0.0697	U,G	1.3	-0.198	U,G	0.493	0.0318	U,G	0.554	-1.2	U,G	3.08
OA-38-00-SL	0.944	G	0.651	-0.0197	U,G	0.212	0.00341	U,G	0.277	0.0366	U,G	0.251	-0.0158	U,G	0.412	-0.417	U,G	2.12
OA-39-00-SL	1.14	G	0.625	0.00856	U,G	0.13	0.00769	U,G	0.672	-0.0541	U,G	0.221	-0.0734	U,G	0.363	0.324	U,G	1.76
OA-40-00-SL	0.956	G	0.49	0.0349	U,G	0.0472	0.0281	U,G	0.272	0.0442	U,G	0.26	-0.00424	U,G	0.381	-0.539	U,G	2.42
PL-01-00-SL	1.35	G	0.681	-0.00467	U,G	0.119	0.0709	U,G	0.304	-0.08	U,G	0.278	-0.105	U,G	0.39	0.237	U,G	1.68
PL-02-00-SL	1.22	G,TI	0.849	-0.0256	U,G	0.194	-0.0818	U,G	0.297	-0.0122	U,G	0.259	0.035	U,G	0.355	0.396	U,G	2.17
PL-03-00-SL	0.818	G	0.557	0.0218	U,G	0.187	0.0602	U,G	0.248	0.0468	U,G	0.237	0.07	U,G	0.389	-0.221	U,G	1.88
RR-01-00-SL	1.41	J	1.12	0.0722	UJ	0.312	0.862	U	1.06	0.155	UJ	0.423	0.0965	UJ	0.878	0.398	UJ	3.63
RR-02-00-SL	1.42	=	1.21	-0.00879	UJ	0.266	0.249	UJ	0.861	-0.0556	UJ	0.341	0.0545	UJ	0.505	-0.202	UJ	2.21
RR-03-00-SL	1.65	J	1.21	-0.0565	UJ	0.429	0.182	U	0.288	-0.144	UJ	0.504	-0.05	UJ	0.651	0.961	UJ	2.67
SW-01-00-SL	1.47	J	1.03	-0.014	UJ	0.329	-0.281	UJ	1.14	0.0442	UJ	0.287	0.222	UJ	0.514	-0.233	UJ	2.43
SW-02-00-SL	1.62	=	1.5	0.175	UJ	0.362	0.0138	UJ	0.55	0.155	UJ	0.431	0.0489	UJ	0.806	-2.07	UJ	4.23
SW-03-00-SL	1.22	J	0.998	0.0998	UJ	0.207	-0.285	UJ	0.949	-0.0275	UJ	0.33	-0.00829	UJ	0.554	0.798	UJ	1.43
SW-04-00-SL	0.729	UJ	1.52	-0.0676	UJ	0.53	-0.0665	UJ	0.369	0.0874	UJ	0.453	0.029	UJ	0.869	-0.341	UJ	3.32
LS-01-00-SL	0.092	U	0.671	-0.0351	U	0.233	0	U	0.312	-0.0689	U	0.286	0.0957	U	0.289	0.125	U	1.54
LS-02-00-SL	0.172	U	0.508	0.0105	U	0.16	0.361	U	0.723	-0.156	U	0.256	-0.0787	U	0.327	0.821	U	1.53
LS-03-00-SL	0.714	G	0.578	-0.0371	U,G	0.218	0	U,G	0.288	-0.0523	U,G	0.242	-0.0754	U,G	0.37	-0.549	U,G	2

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Bismuth-212			Bismuth-214			Cadmium-109			Cerium-139			Cerium-144			Cesium-134		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-09-00-SL	-0.514	U,G	2.95	0.342	U,G,J	0.426	0.974	U,G	5.38	0.00928	U,G	0.124	-0.339	U,G	0.976	0.0379	U,G	0.172
BD-10-00-SL	2.56	U,G	3.14	0.567	G,J	0.372	16.8	G,SI	15.4	0.00985	U,G	1.02	-1.84	U,G	3.47	-0.0744	U,G	0.266
BD-11-00-SL	0.748	U,G	3.04	0.791	G,J	0.369	1.58	U,G	26.4	-0.037	U,G	0.399	-0.491	U,G	2.94	-0.0544	U,G	0.201
BD-12-00-SL	0.845	U,G	3.39	0.628	G,J	0.559	22.6	G,SI	9.58	-0.139	U,G	0.628	-0.0359	U,G	1.93	0.0345	U,G	0.282
BP-01-00-SL	1.69	U,G	3.61	0.765	G,J	0.443	1.67	U,G	3.26	-0.0316	U,G	0.161	0.185	U,G	0.83	0.0477	U,G	0.224
BP-02-00-SL	1.26	U,G	1.57	0.817	G,J	0.249	3.32	G,SI	3.03	0.00398	U,G	0.0938	0.0468	U,G	0.625	-0.0366	U,G	0.138
BP-03-00-SL	1.14	U,G	2.31	1.02	G,J	0.35	35.8	G,SI	5.96	-0.229	U,G	0.583	-0.214	U,G	1.93	-0.0377	U,G	0.163
BP-04-00-SL	1.24	U,G	2.04	0.797	G,J	0.297	-0.188	U,G	2.76	0.0117	U,G	0.194	0.182	U,G	0.738	-0.0325	U,G	0.169
BP-05-00-SL	1.08	U,G	2.16	0.913	G,J	0.291	2.74	G,SI	2.57	0.0238	U,G	0.102	-0.0592	U,G	0.635	0.00523	U,G	0.138
BP-06-00-SL	2.47	G,TI	1.72	1.06	G,J	0.277	4.13	G,SI	2.48	-0.0183	U,G	0.124	-0.0614	U,G	0.621	-0.0702	U,G	0.168
BP-07-00-SL	2.34	U,G	2.86	0.992	G,J	0.327	56	G,SI	7.12	0.147	U,G	0.704	0.501	U,G	2	0.0093	U,G	0.176
BP-08-00-SL	41.6	G	5.34	1.28	G,J	0.688	79.8	G,SI	8.01	-0.0319	U,G	0.351	0.789	U,G	1.98	0.312	U,G	0.352
BP-09-00-SL	1.62	U,G	2.03	0.814	G,J	0.389	1.85	U,G	2.7	0.00346	U,G	0.141	0.0314	U,G	0.732	-0.0125	U,G	0.172
BP-10-00-SL	1.28	U,G	1.65	1.17	G,J	0.321	-0.356	U,G	3.9	0.0121	U,G	0.111	0.0103	U,G	0.689	-0.023	U,G	0.144
BP-11-00-SL	1.64	U,G	2.33	0.928	G,J	0.401	2.28	G,SI	2.22	0.0455	U,G	0.127	-0	U,G	0.888	0.0781	U,G	0.147
BP-12-00-SL	1.91	U,G	2.2	1.09	G,J	0.305	1.83	U,G	1.88	-0.0106	U,G	0.14	-0.0867	U,G	0.707	-0.0576	U,G	0.179
CB-01-00-SL	2.6	U	3.81	0.789	=	0.533	-13	UJ	11.3	0.0829	UJ	0.25	0.0205	UJ	1.19	-0.0789	UJ	1.42
CB-01-00-SL-FD	-0.582	UJ	4.66	0.998	=	0.534	2.85	UJ	5.2	-0.0484	UJ	0.157	-0.256	UJ	1.02	-0.0777	UJ	0.261
DM-01-00-SL	37	G	7.48	0.995	U,G,J	1.16	381	G,SI	17	0.189	U,G	0.868	-1.96	U,G	6.22	0.112	U,G	0.499
DM-02-00-SL	0.288	U,G	5.11	0.667	G,J	0.586	238	G,SI	26.4	-2.17	U,G	1.55	-2.74	U,G	4.88	0.00456	U,G	0.362
EP-01-00-SL	1.03	U,G	3.59	0.85	G,J	0.554	34.7	G,SI	12	0.0847	U,G	0.26	-0.299	U,G	2	0.0475	U,G	0.233
EP-02-00-SL	3.39	U,G	4.32	0.911	G,J	0.514	29.1	G,SI	7.45	-0.0301	U,G	0.323	0.888	U,G	2.09	0.0259	U,G	0.268
EP-03-00-SL	1.12	U,G	1.93	1	G,J	0.268	2.54	U,G	3.77	0.0775	U,G	0.129	-0.356	U,G	0.996	0.04	U,G	0.134
EP-04-00-SL	1.19	U,G	8.41	0.654	U,G,J	0.832	196	G,SI	13.8	0.228	U,G	0.633	-2.74	U,G	4.92	-0.275	U,G	0.495
EP-04-00-SL-FD	2.62	U,G	2.85	0.515	G,J	0.469	271	G,SI	14.6	-0.136	U,G	1.38	-0.964	U,G	4.1	-0.0416	U,G	0.269
EP-05-00-SL	0	U,G	2.49	1.03	G,J	0.313	19.1	G,SI	5.19	-0.0278	U,G	0.405	-0.599	U,G	1.32	0	U,G	0.146
EP-06-00-SL	2.28	U,G	3.89	0.264	U,G,J	0.571	93.3	G,SI	8.32	-0.0359	U,G	0.432	-0.61	U,G	3.18	0	U,G	0.288
EP-07-00-SL	1.44	U,G	4.15	0.812	G,J	0.638	1.68	U,G	3.06	0.0575	U,G	0.19	-0.407	U,G	1.28	-0.0154	U,G	0.31
EP-08-00-SL	1.06	U,G	3.03	0.738	G,J	0.524	11.9	G,SI	9.44	0.114	U,G	0.176	-0.208	U,G	1.34	0.133	U,G	0.134
EP-09-00-SL	0.536	U,G	5.75	1.39	G,J	0.844	3.54	U,G	3.87	0.109	U,G	0.437	0.137	U,G	1.46	0.069	U,G	0.501
EP-10-00-SL	0.611	U,G	4.08	0.799	G,J	0.633	67.7	G,SI	17.6	-0.121	U,G	0.909	-0.801	U,G	2.96	0.0103	U,G	0.366
EP-11-00-SL	0.567	U,G	5.43	0.359	U,G,J	0.691	1.55	U,G	3.12	0.00177	U,G	0.398	0.045	U,G	1.23	0.153	U,G	0.27
EP-12-00-SL	1.1	U,G	3.81	0.751	G,J	0.503	6.11	G,SI	4.54	-0.00543	U,G	0.371	-0.136	U,G	1.29	0.0434	U,G	0.231
GS-01-00-SL	2.24	U,G	2.9	0.652	G,J	0.552	1.98	U,G	3.38	0.0262	U,G	0.117	-0.164	U,G	0.824	-0.0507	U,G	0.308
GS-01-00-SL-FD	0.774	U,G	2.83	0.343	U,G,J	0.494	3.03	U,G	3.82	0.0192	U,G	0.164	-0.192	U,G	1.02	-0.131	U,G	0.33
GS-02-00-SL	0.76	U,G	3.21	0.998	G,J	0.338	2.34	U,G	2.97	0.0318	U,G	0.125	0.188	U,G	0.873	-0.0454	U,G	0.174
GS-03-00-SL	0.497	U,G	1.95	0.372	G,J	0.28	-0.607	U,G	2.29	-0.0473	U,G	0.109	0.407	U,G	0.595	0.0414	U,G	0.139
GS-04-00-SL	0.324	U,G	2.43	1	G,J	0.332	2.5	U,G	3.14	0.0213	U,G	0.118	-0.13	U,G	0.782	-0.0611	U,G	0.166
GS-05-00-SL	0.284	U,G	2.52	0.909	G,J	0.356	1.75	U,G	3.18	-0.0288	U,G	0.122	0.17	U,G	0.706	0.048	U,G	0.142
LF-01-00-SL	2.13	U,G	3.92	0.595	G,J	0.525	1.22	U,G	2.48	-0.0815	U,G	0.205	-0.192	U,G	0.962	-0.0728	U,G	0.302
LF-02-00-SL	0.646	U,G	2.54	0.166	U,G,J	0.461	-0.201	U,G	3.13	0.0447	U,G	0.106	-0.0787	U,G	0.733	0.00569	U,G	0.287
LF-03-00-SL	0.173	U,G	4.34	0.794	G,J	0.553	0.485	U,G	5.48	0.00738	U,G	0.195	0.58	U,G	0.824	-0.161	U,G	0.349
LF-04-00-SL	0.825	U,G	2.94	0.683	G,J	0.498	-2.04	U,G	5.76	-0.00498	U,G	0.152	0.0678	U,G	0.821	0.179	G,TI	0.177
LF-05-00-SL	-0.521	U,G	4.29	0.635	G,J	0.549	1.35	U,G	2.37	-0.0231	U,G	0.158	0.0653	U,G	0.863	0.0495	U,G	0.233
NB-01-00-SL	1.4	U,G	1.62	0.71	G,J	0.285	0.965	U,G	2.34	-0.0507	U,G	0.118	-0.353	U,G	0.709	0.0188	U,G	0.137
NB-02-00-SL	0.591	U,G	2.34	0.532	G,J	0.291	1.14	U,G	2.06	-0.00758	U,G	0.11	-0.266	U,G	0.797	-0.0427	U,G	0.156
NB-03-00-SL	0.822	U,G	1.76	0.436	G,J	0.358	0.843	U,G	2.41	-0.00391	U,G	0.126	0.204	U,G	0.568	0.0417	U,G	0.152

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Bismuth-212			Bismuth-214			Cadmium-109			Cerium-139			Cerium-144			Cesium-134		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-04-00-SL	2.18	U,G	2.51	1.71	G,J	0.382	3.2	G,SI	2.76	-0.0606	U,G	0.144	-0.198	U,G	0.809	-0.0365	U,G	0.197
NB-05-00-SL	-0.0873	U,G	3.71	0.472	U,G,J	0.621	2.33	U,G	3.6	0.00246	U,G	0.136	0.111	U,G	0.879	-0.0177	U,G	0.386
NB-06-00-SL	1.19	U,G	2.31	1.08	G,J	0.37	1.88	U,G	2.69	0.0431	U,G	0.136	-0.00776	U,G	0.784	-0.0542	U,G	0.186
NB-07-00-SL	1.59	U,G	2.93	1.1	G,J	0.393	2.66	G,SI	2.28	-0.054	U,G	0.162	0	U,G	0.919	0.0342	U,G	0.177
NB-07-00-SL-FD	1.54	U,G	2.6	1.18	G,J	0.371	1.44	U,G	2.26	0.0391	U,G	0.133	0.271	U,G	0.704	0.0645	U,G	0.179
NB-08-00-SL	2.53	G,TI	1.83	1.32	G,J	0.344	2.95	U,G	3.05	-0.0464	U,G	0.13	0.0878	U,G	0.767	-0.0134	U,G	0.154
NB-09-00-SL	1.29	U,G	1.86	1.05	G,J	0.374	4.17	G,SI	3.98	-0.0278	U,G	0.112	-0.191	U,G	0.801	0	U,G	0.164
NB-10-00-SL	0.74	U,G	2.7	1.24	G,J	0.314	2.26	U,G	2.5	-0.0203	U,G	0.14	0.109	U,G	0.724	-0.0598	U,G	0.208
NB-11-00-SL	1.57	U,G	2.1	1.12	G,J	0.343	3.15	G,SI	2.64	0.132	U,G	0.245	0.0648	U,G	0.849	-0.0166	U,G	0.161
NB-12-00-SL	2.98	U,G	3.09	1.18	G,J	0.369	2.21	G,SI	2.2	0.0239	U,G	0.139	0.0235	U,G	0.813	0	U,G	0.161
NB-13-00-SL	2.1	G,TI	2.05	1.16	G,J	0.311	2.05	U,G	2.53	0.0346	U,G	0.127	-0.117	U,G	0.747	0.0457	U,G	0.155
NB-14-00-SL	1.16	U,G	3.38	0.496	U,G,J	0.527	2.83	U,G	9.26	-0.0669	U,G	0.218	-0.251	U,G	1.37	-0.0907	U,G	0.42
NB-15-00-SL	1.55	U,G	1.84	1.27	G,J	0.323	1.22	U,G	2.48	-0.0282	U,G	0.102	0.019	U,G	0.65	0	U,G	0.135
NB-16-00-SL	1.17	U,G	1.76	0.975	G,J	0.295	3.92	G,SI	2.02	-0.00485	U,G	0.108	-0.0676	U,G	0.714	0.0453	U,G	0.117
NB-17-00-SL	1.88	G,TI	1.66	1.04	G,J	0.322	3.09	U,G	3.94	-0.0092	U,G	0.117	0.165	U,G	0.677	0.0257	U,G	0.155
NB-18-00-SL	2.43	G,TI	2.1	0.952	G,J	0.408	4.31	G,SI	3.17	-0.0191	U,G	0.141	-0.258	U,G	0.728	-0.0504	U,G	0.223
NB-19-00-SL	0.875	U,G	1.91	0.981	G,J	0.283	2.17	G,SI	2.15	-0.0403	U,G	0.112	-0.0286	U,G	0.595	0.0462	U,G	0.114
NB-20-00-SL	1.61	U,G	2.2	0.97	G,J	0.316	2.17	G,SI	2.11	0.0275	U,G	0.116	0.165	U,G	0.726	-0.0469	U,G	0.186
NB-21-00-SL	1.91	U,G	2.14	0.929	G,J	0.292	1.47	U,G	2.19	-0.0652	U,G	0.139	-0.182	U,G	0.791	0.0196	U,G	0.135
NB-22-00-SL	1.06	U,G	2.88	1.08	G,J	0.405	2.14	U,G	2.7	0.0256	U,G	0.18	-0.101	U,G	0.887	0.0973	U,G	0.158
NB-23-00-SL	1.81	U,G	2.5	0.769	G,J	0.313	2.73	G,SI	2.63	0	U,G	0.129	0.139	U,G	0.667	0.0262	U,G	0.164
NB-24-00-SL	1.23	U,G	1.5	1.05	G,J	0.308	1.81	U,G	2.72	0.0402	U,G	0.09	0.429	U,G	0.565	-0.0165	U,G	0.138
NB-25-00-SL	1.4	U,G	2.12	0.667	G,J	0.272	2.39	U,G	2.57	0.018	U,G	0.114	-0.103	U,G	0.702	0.00316	U,G	0.161
NB-26-00-SL	0	U,G	1.52	0.492	G,J	0.242	0.811	U,G	2.49	0.0102	U,G	0.0784	0.108	U,G	0.502	0.0159	U,G	0.13
NB-27-00-SL	0.399	U,G	2.86	0.449	U,G,J	0.517	0.0288	U,G	4.16	0.028	U,G	0.144	-0.149	U,G	1.01	-0.0194	U,G	0.3
NB-27-00-SL-FD	-0.464	U,G	3.72	0.416	U,G,J	0.505	1.44	U,G	4.96	-0.0108	U,G	0.136	-0.269	U,G	1.04	0.0306	U,G	0.265
OA-01-00-SL	1.47	UJ	4.2	0.404	UJ	0.722	4.36	J	4.28	0.0171	UJ	0.332	-0.0357	UJ	1.22	0.0139	UJ	0.296
OA-01-00-SL-FD	0.982	UJ	2.73	0.618	J	0.48	5.43	=	3.44	0.0401	UJ	0.13	-0.0974	UJ	0.936	0.00936	UJ	0.205
OA-02-00-SL	0.356	UJ	5.45	0.782	=	0.406	2.46	U	3.29	-0.00276	UJ	0.33	-0.49	UJ	1.28	-0.132	UJ	0.373
OA-03-00-SL	0.536	UJ	3.59	1.08	=	0.568	-1.58	UJ	5.1	0.0289	UJ	0.122	-0.138	UJ	0.842	-0.0204	UJ	0.313
OA-04-00-SL	1.55	U,G	3.77	0.95	G,J	0.554	-7.8	U,G	17	-0.0489	U,G	0.26	-1.23	U,G	1.99	-0.078	U,G	0.236
OA-05-00-SL	1.34	U,G	2.44	0.958	G,J	0.419	1.91	U,G	2.77	-0.0599	U,G	0.157	0.0957	U,G	0.89	0.0545	U,G	0.175
OA-06-00-SL	1.17	U,G	1.83	1.1	G,J	0.286	1.9	G,SI	1.55	0.0581	U,G	0.112	0.0779	U,G	0.614	-0.0713	U,G	0.17
OA-07-00-SL	2.39	U,G	3.1	0.899	G,J	0.305	2.35	U,G	3.05	0.0919	U,G	0.218	0.0172	U,G	0.792	0.0714	U,G	0.132
OA-08-00-SL	1.99	U,G	2.06	0.893	G,J	0.338	-0.749	U,G	8.53	0.0233	U,G	0.202	-0.354	U,G	1.51	0.0406	U,G	0.113
OA-09-00-SL	2.14	G,TI	2.08	1.14	G,J	0.337	1.25	U,G	4.37	-0.0125	U,G	0.134	-0.177	U,G	0.8	-0.1	U,G	0.257
OA-10-00-SL	2.95	G,TI	2.53	0.629	G,J	0.53	1.88	U,G	5.39	-0.00736	U,G	0.134	-0.0628	U,G	0.94	0	U,G	0.233
OA-11-00-SL	1.2	U,G	3.89	0.577	G,J	0.495	-0.812	U,G	6.24	-0.0485	U,G	0.348	-0.0971	U,G	1.13	0.0519	U,G	0.239
OA-12-00-SL	0.159	U,G	3.98	0.65	G,J	0.53	2.54	U,G	3.62	-0.0693	U,G	0.18	-0.282	U,G	1.09	-0.0122	U,G	0.293
OA-13-00-SL	0.209	U,G	3.57	0.987	G,J	0.559	-1.34	U,G	7.72	-0.0907	U,G	0.377	-0.0928	U,G	1.13	-0.0843	U,G	0.307
OA-14-00-SL	1.72	U,G	3.41	0.822	G,J	0.452	0.0101	U,G	6.16	-0.014	U,G	0.186	0	U,G	1	0	U,G	0.252
OA-15-00-SL	2.34	U,G	3.74	0.7	G,J	0.471	-1.1	U,G	5.85	-0.0409	U,G	0.186	-0.338	U,G	1.19	-0.0844	U,G	0.296
OA-16-00-SL	1.23	U,G	3.52	0.695	G,J	0.584	-0.335	U,G	4.86	-0.055	U,G	0.132	-0.356	U,G	0.854	-0.03	U,G	0.219
OA-20-00-SL	0.712	U,G	1.92	0.858	G,J	0.394	-0.226	U,G	4.47	-0.0656	U,G	0.147	-0.309	U,G	0.913	-0.0102	U,G	0.205
OA-21-00-SL	-1.16	U,G	4.19	0.951	G,J	0.423	3.13	U,G	3.85	-0.118	U,G	0.328	0.262	U,G	1.05	0.0373	U,G	0.22
OA-22-00-SL	-0.153	U	2.3	0.795	J	0.308	4.37	U	4.39	0.128	U	0.168	-0.182	U	0.726	0.0141	U	0.146
OA-23-00-SL	1.07	U	2.12	0.41	J	0.315	146	SI	15.2	-0.471	U	1.02	-0.0917	U	2.93	0.00758	U	0.174

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Bismuth-212			Bismuth-214			Cadmium-109			Cerium-139			Cerium-144			Cesium-134		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
OA-24-00-SL	1.9	U,G	3.67	0.627	G,J	0.532	-0.396	U,G	5	-0.0369	U,G	0.178	0.0631	U,G	0.929	-0.0506	U,G	0.238
OA-25-00-SL	0.684	U,G	2.42	0.226	U,G,J	0.476	3.36	G,SI	2.93	0.00759	U,G	0.19	0.344	U,G	0.709	-0.0298	U,G	0.28
OA-26-00-SL	0.661	U	3.41	0.796	J	0.474	38.7	SI	9.49	-0.0503	U	0.728	-0.455	U	2.39	-0.0258	U	0.294
OA-27-00-SL	2.05	U,G	2.06	0.945	G,J	0.3	0.578	U,G	2.48	0.0329	U,G	0.11	-0.0971	U,G	0.723	0.0376	U,G	0.126
OA-28-00-SL	0.795	U,G	1.66	0.99	G,J	0.324	1.86	U,G	3.46	-0.0803	U,G	0.12	-0.0956	U,G	0.679	-0.0289	U,G	0.147
OA-29-00-SL	1.31	U,G	2.21	1.16	G,J	0.323	2.57	G,SI	2.49	-0.0324	U,G	0.128	-0.267	U,G	0.709	-0.0117	U,G	0.162
OA-30-00-SL	2.43	G,TI	2.31	1.02	G,J	0.377	2.44	U,G	2.75	-0.0793	U,G	0.152	0.119	U,G	0.854	0.0387	U,G	0.169
OA-31-00-SL	0.811	U,G	2.16	1.16	G,J	0.307	2.86	U,G	4.35	-0.0082	U,G	0.115	-0.132	U,G	0.737	-0.0295	U,G	0.142
OA-32-00-SL	1.01	U,G	1.96	0.88	G,J	0.289	2.58	G,SI	2.33	-0.0226	U,G	0.132	0.137	U,G	0.637	-0.0642	U,G	0.184
OA-33-00-SL	0.829	U,G	2.08	1.12	G,J	0.324	1.51	U,G	2.5	0	U,G	0.109	-0.0249	U,G	0.691	0.0663	U,G	0.125
OA-34-00-SL	-0.201	U,G	2.41	1	G,J	0.254	1.12	U,G	3.88	-0.0438	U,G	0.11	0.0524	U,G	0.629	0.0117	U,G	0.134
OA-35-00-SL	1.53	U,G	3	0.294	U,G,J	0.709	0.687	U,G	5.19	0.00742	U,G	0.183	0.0221	U,G	1.07	0.0764	U,G	0.365
OA-36-00-SL	1.93	U,G	2.82	0.863	G,J	0.335	1.46	U,G	2.07	-0.00408	U,G	0.128	-0.334	U,G	0.953	0.0537	U,G	0.144
OA-37-00-SL	0.3	U,G	4.01	1.22	G,J	0.535	0	U,G	5.49	0.0118	U,G	0.168	-0.334	U,G	1.08	0.0535	U,G	0.336
OA-38-00-SL	2.23	G,TI	1.77	1.06	G,J	0.334	2.21	U,G	3.45	-0.0446	U,G	0.144	0.0842	U,G	0.779	-0.0178	U,G	0.172
OA-39-00-SL	0.596	U,G	2.12	1.09	G,J	0.323	-0.687	U,G	3.96	0.0139	U,G	0.104	0.145	U,G	0.641	0.0924	U,G	0.105
OA-40-00-SL	1.96	U,G	2.22	0.845	G,J	0.331	1.45	U,G	1.94	0	U,G	0.126	0.397	U,G	0.667	0.0142	U,G	0.17
PL-01-00-SL	0.74	U,G	1.99	1.1	G,J	0.315	1.85	U,G	2.94	0.047	U,G	0.226	-0.236	U,G	0.821	-0.0903	U,G	0.187
PL-02-00-SL	1.6	U,G	2.56	1.01	G,J	0.384	1.72	U,G	2.44	0.0166	U,G	0.129	0.0972	U,G	0.832	0.0078	U,G	0.162
PL-03-00-SL	1.38	U,G	2.42	1.03	G,J	0.295	2.44	G,SI	1.81	-0.0756	U,G	0.137	0.165	U,G	0.648	0.00572	U,G	0.158
RR-01-00-SL	-0.413	UJ	6.61	0.39	UJ	0.618	64.8	=	9.82	0.123	UJ	0.889	0.511	UJ	3	0.0143	UJ	0.392
RR-02-00-SL	0.552	UJ	3.7	1.12	=	0.509	-0.151	UJ	5.16	-0.0485	UJ	0.153	0.0602	UJ	0.944	-0.148	UJ	0.283
RR-03-00-SL	2.14	UJ	5.19	0.867	=	0.407	0.16	UJ	3.56	0	UJ	0.186	0.321	UJ	1	-0.187	UJ	0.374
SW-01-00-SL	1.95	U	2.56	1.12	=	0.446	2.77	U	4.26	0.00451	UJ	0.156	0.0813	UJ	1.03	0.0112	UJ	0.225
SW-02-00-SL	0.557	UJ	5.34	1.32	=	0.709	14	=	5.32	-0.0775	UJ	0.54	-0.518	UJ	1.8	0.184	UJ	0.304
SW-03-00-SL	0.182	UJ	2.89	0.675	J	0.458	-0.126	UJ	4.7	-0.0118	UJ	0.122	-0.152	UJ	0.901	0.0624	UJ	0.228
SW-04-00-SL	1.8	UJ	4.74	1.26	=	0.596	1.27	UJ	3.57	-0.0941	UJ	0.222	-0.0853	UJ	1.26	-0.0662	UJ	0.381
LS-01-00-SL	1.33	U	1.98	0.672	J	0.4	0.266	U	2.7	0.014	U	0.0979	0.241	U	0.547	0.0186	U	0.234
LS-02-00-SL	1.36	TI	1.35	0.501	J	0.276	-1.39	U	3.56	-0.0741	U	0.106	0.119	U	0.521	-0.0943	U	0.168
LS-03-00-SL	0.53	U,G	2.32	0.859	G,J	0.313	2.31	G,SI	1.89	0.0225	U,G	0.208	0.269	U,G	0.669	-0.00769	U,G	0.149

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Cesium-137			Chromium-51			Cobalt-56			Cobalt-57			Cobalt-58			Cobalt-60		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-09-00-SL	0.0451	U,G	0.148	0.615	U,G	2.44	0.0468	U,G	0.401	0.00639	U,G	0.13	0.076	U,G	0.245	-0.0349	U,G	0.228
BD-10-00-SL	0.151	U,G	0.203	1.22	U,G	3.82	0.198	U,G	0.347	1.1	G,TI	0.475	0.0198	U,G	0.278	0.0729	U,G	0.142
BD-11-00-SL	0.122	LT,G	0.122	1.88	U,G	3.27	0.151	U,G	0.387	1.11	G,TI	0.4	-0.0634	U,G	0.289	-0.0754	U,G	0.183
BD-12-00-SL	0.0962	U,G	0.309	-2	U,G	4.72	0.257	U,G	0.729	0.321	G,TI	0.264	0.121	U,G	0.321	-0.011	U,G	0.442
BP-01-00-SL	0.0236	U,G	0.284	0.375	U,G	3.38	-0.0434	U,G	0.756	-0.0192	U,G	0.106	0.0565	U,G	0.3	0	U,G	0.319
BP-02-00-SL	0.268	LT,G	0.131	0.982	U,G	2.09	0.0311	U,G	0.379	-0.0187	U,G	0.079	-0.0023	U,G	0.173	0.00696	U,G	0.146
BP-03-00-SL	0.208	LT,G	0.13	1.37	U,G	2.51	0.211	U,G	0.442	0.547	G,TI	0.253	0.0682	U,G	0.185	0	U,G	0.18
BP-04-00-SL	-0.00682	U,G	0.175	-1.3	U,G	2.86	0.122	U,G	0.457	0.0178	U,G	0.0995	0.0353	U,G	0.192	0.0124	U,G	0.186
BP-05-00-SL	0.261	LT,G	0.145	0.0819	U,G	2.34	0.117	U,G	0.415	-0.00124	U,G	0.0831	-0.0115	U,G	0.173	0.00695	U,G	0.146
BP-06-00-SL	0.0415	U,G	0.154	0.296	U,G	2.1	0.109	U,G	0.395	0.0272	U,G	0.0786	-0.00924	U,G	0.168	0.0433	U,G	0.167
BP-07-00-SL	0.0692	U,G	0.198	-0.904	U,G	3.53	0.0673	U,G	0.535	0.675	G,TI	0.238	0.0244	U,G	0.26	0.0958	U,G	0.119
BP-08-00-SL	-0.0314	U,G	0.395	-0.115	U,G	6.11	0.46	U,G	0.674	-0.00542	U,G	0.246	-0.118	U,G	0.423	0.0339	U,G	0.318
BP-09-00-SL	0.234	LT,G	0.136	-0.884	U,G	2.52	0.342	U,G	0.388	0.00353	U,G	0.0833	-0.0105	U,G	0.236	0.052	U,G	0.156
BP-10-00-SL	0.112	U,G	0.173	-0.0943	U,G	2.58	0.149	U,G	0.325	-0.0262	U,G	0.0935	-0.0245	U,G	0.202	-0.0153	U,G	0.136
BP-11-00-SL	0.0864	U,G	0.203	-2.17	U,G	3.73	0.207	U,G	0.47	0	U,G	0.112	-0.0101	U,G	0.262	0.0893	U,G	0.179
BP-12-00-SL	0.0409	U,G	0.145	0.251	U,G	3	0.335	U,G	0.424	0.00748	U,G	0.0896	-0.0443	U,G	0.223	-0.00833	U,G	0.195
CB-01-00-SL	0.161	U	0.207	0.302	UJ	2.13	0.3	UJ	0.498	0.00805	UJ	0.162	-0.0726	UJ	0.26	-0.0635	UJ	0.256
CB-01-00-SL-FD	0.0678	UJ	0.236	-0.388	UJ	2.23	-0.37	UJ	0.792	-0.0618	UJ	0.157	0.0394	UJ	0.234	0.0107	UJ	0.288
DM-01-00-SL	-0.298	U,M,G	0.717	-3.75	U,G	10.6	0.394	U,G	1.02	4.17	G,TI	0.787	0.637	G,TI	0.592	-0.0853	U,G	0.638
DM-02-00-SL	0.0384	U,G	0.364	-1.3	U,G	8.9	0.19	U,G	0.473	2.15	G,TI	0.724	-0.12	U,G	0.498	-0.0866	U,G	0.248
EP-01-00-SL	0.125	U,G	0.228	0.463	U,G	3.78	0.226	U,G	0.439	0.408	G,TI	0.324	-0.133	U,G	0.367	-0.035	U,G	0.21
EP-02-00-SL	0.0039	U,G	0.339	1.35	U,G	4.8	0	U,G	0.782	0.34	G,TI	0.281	-0.0415	U,G	0.445	-0.0788	U,G	0.344
EP-03-00-SL	0.113	U,G	0.119	-0.738	U,G	2.7	-0.0266	U,G	0.492	0.0895	G,TI	0.0802	-0.00336	U,G	0.223	-0.0103	U,G	0.146
EP-04-00-SL	0.233	U,M,G	0.524	-1.94	U,G	8.85	0.232	U,G	0.872	2.12	G,TI	0.638	-0.0245	U,G	0.611	-0.0293	U,G	0.44
EP-04-00-SL-FD	0.166	U,G	0.267	-3.58	U,G	5.93	-0.0453	U,G	0.443	2.89	G,SI	0.557	-0.126	U,G	0.387	-0.0907	U,G	0.26
EP-05-00-SL	0.148	U,G	0.152	1.41	U,G	2.36	0.253	U,G	0.471	0.18	G,TI	0.126	-0.0476	U,G	0.224	-0.00869	U,G	0.181
EP-06-00-SL	0.244	U,G	0.291	-0.163	U,G	4.74	0.052	U,G	0.624	1.11	G,TI	0.417	0.0586	U,G	0.276	-0.104	U,G	0.341
EP-07-00-SL	-0.0534	U,G	0.3	1.37	U,G	5.05	0.25	U,G	0.99	0.0608	U,G	0.127	-0.12	U,G	0.457	-0.125	U,G	0.441
EP-08-00-SL	0.0729	U,G	0.212	1.32	U,G	2.88	0.136	U,G	0.539	0.144	U,G	0.183	0	U,G	0.32	0.0188	U,G	0.265
EP-09-00-SL	0.299	U,G	0.437	1.88	U,G	5.25	-0.488	U,G	1.26	0.0397	U,G	0.171	0.239	U,G	0.333	0.105	U,G	0.377
EP-10-00-SL	0.11	U,G	0.295	-0.486	U,G	5.49	0.144	U,G	0.688	0.46	G,TI	0.316	0.0827	U,G	0.384	-0.162	U,G	0.377
EP-11-00-SL	0.362	LT,G,T	0.236	0.69	U,G	5.76	0.276	U,G	0.742	-0.0448	U,G	0.18	0.055	U,G	0.456	-0.0346	U,G	0.519
EP-12-00-SL	0.247	U,G	0.284	0.856	U,G	4.11	0.242	U,G	0.688	0.00895	U,G	0.186	-0.0269	U,G	0.304	-0.00518	U,G	0.312
GS-01-00-SL	0.207	LT,G	0.195	1.04	U,G	2.57	0.311	U,G	0.711	0.0196	U,G	0.101	-0.186	U,G	0.37	0	U,G	0.291
GS-01-00-SL-FD	0.207	LT,G	0.172	-0.912	U,G	3.37	0.309	U,G	0.473	-0.0202	U,G	0.132	-0.115	U,G	0.306	0.00406	U,G	0.194
GS-02-00-SL	0.382	LT,G	0.218	0.997	U,G	2.88	-0.0564	U,G	0.602	-0.0267	U,G	0.106	-0.0615	U,G	0.265	0	U,G	0.217
GS-03-00-SL	0.155	LT,G	0.132	1.65	U,G	1.85	0.0519	U,G	0.488	0.0568	U,G	0.0829	-0.0566	U,G	0.243	0.0263	U,G	0.158
GS-04-00-SL	0.364	LT,G	0.171	0.0162	U,G	2.71	0.245	U,G	0.441	-0.00089	U,G	0.0859	-0.0444	U,G	0.223	0.0123	U,G	0.216
GS-05-00-SL	0.197	LT,G,T	0.189	0.29	U,G	2.61	0.153	U,G	0.445	-0.0107	U,G	0.0911	0.00495	U,G	0.233	0	U,G	0.157
LF-01-00-SL	0.112	U,G	0.247	0.554	U,G	4.07	0	U,G	0.982	-0.00957	U,G	0.133	0.124	U,G	0.341	0.0886	U,G	0.274
LF-02-00-SL	-0.0254	U,G	0.182	-0.07	U,G	2.67	0.0501	U,G	0.594	0.0523	U,G	0.0865	-0.18	U,G	0.324	-0.0696	U,G	0.27
LF-03-00-SL	0.133	U,G	0.209	-0.783	U,G	5.17	0.38	U,G	0.736	0.0102	U,G	0.13	-0.00576	U,G	0.364	0.13	U,G	0.248
LF-04-00-SL	0.0666	U,G	0.242	0.545	U,G	3.54	0.194	U,G	0.624	0.0339	U,G	0.117	-0.108	U,G	0.386	0	U,G	0.29
LF-05-00-SL	-0.0689	U,G	0.313	-1.32	U,G	4.68	0	U,G	0.872	0.0406	U,G	0.0977	0.0447	U,G	0.367	0	U,G	0.27
NB-01-00-SL	1.79	G	0.171	-1.37	U,G	3.09	0.0292	U,G	0.358	-0.0207	U,G	0.105	0.051	U,G	0.146	0.0611	U,G	0.149
NB-02-00-SL	0.891	G	0.12	-0.247	U,G	2.91	-0.0544	U,G	0.474	-0.014	U,G	0.0942	-0.0502	U,G	0.233	-0	U,G	0.204
NB-03-00-SL	1.01	G	0.198	-1.16	U,G	3.62	0.404	U,G	0.413	0.0366	U,G	0.0763	0.0371	U,G	0.224	-0.0307	U,G	0.182

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Cesium-137			Chromium-51			Cobalt-56			Cobalt-57			Cobalt-58			Cobalt-60		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-04-00-SL	0.0862	U,G	0.204	0.793	U,G	3.16	0.0615	U,G	0.549	0.0128	U,G	0.0904	-0.0119	U,G	0.253	0.004	U,G	0.2
NB-05-00-SL	0.116	U,G	0.244	-0.315	U,G	3.3	0.355	U,G	0.829	-0.00987	U,G	0.126	-0.0738	U,G	0.398	0.0183	U,G	0.32
NB-06-00-SL	0.299	LT,G	0.184	0.0547	U,G	3.59	0.355	U,G	0.389	0.0167	U,G	0.0894	-0.135	U,G	0.313	0.0674	U,G	0.196
NB-07-00-SL	0.2	U,G	0.208	0.875	U,G	3.27	0.032	U,G	0.602	-0.0134	U,G	0.12	0.0913	U,G	0.242	0.0327	U,G	0.214
NB-07-00-SL-FD	0.127	U,G	0.198	0.554	U,G	2.6	0.0918	U,G	0.535	-0.00786	U,G	0.0977	-0.0244	U,G	0.238	-0.0083	U,G	0.208
NB-08-00-SL	0.277	LT,G	0.195	-0.837	U,G	2.67	0.131	U,G	0.501	-0.0512	U,G	0.111	-0.0221	U,G	0.191	-0.0297	U,G	0.159
NB-09-00-SL	0.308	LT,G	0.187	0.639	U,G	2.39	0.238	U,G	0.441	-0.0132	U,G	0.108	0.0796	U,G	0.235	0.0191	U,G	0.172
NB-10-00-SL	0.382	LT,G	0.144	-0.649	U,G	2.7	0.136	U,G	0.424	0.0194	U,G	0.085	-0.177	U,G	0.298	-0.00754	U,G	0.204
NB-11-00-SL	0.25	LT,G	0.121	0.189	U,G	2.96	0.212	U,G	0.456	0.06	U,G	0.101	0.0214	U,G	0.179	-0.0739	U,G	0.192
NB-12-00-SL	0.319	LT,G	0.17	0.113	U,G	3.21	0.0848	U,G	0.569	0.0326	U,G	0.0986	-0.052	U,G	0.241	-0.0289	U,G	0.174
NB-13-00-SL	0.311	LT,G	0.154	1.04	U,G	2.69	0.28	U,G	0.445	-0.0426	U,G	0.0996	-0.0648	U,G	0.23	-0.0285	U,G	0.174
NB-14-00-SL	0.0244	U,G	0.264	0.149	U,G	4.38	-0.0237	U,G	0.666	0.0396	U,G	0.155	-0.0183	U,G	0.349	-0.122	U,G	0.324
NB-15-00-SL	0.0316	U,G	0.135	0.498	U,G	2.23	0.0501	U,G	0.385	0.0189	U,G	0.0883	-0.0175	U,G	0.151	-0.00392	U,G	0.134
NB-16-00-SL	0.243	LT,G	0.127	0.0904	U,G	2.03	0.209	U,G	0.44	-0.0401	U,G	0.0988	-0.00251	U,G	0.189	-0.041	U,G	0.172
NB-17-00-SL	0.0382	U,G	0.184	0.514	U,G	2.42	-0.0702	U,G	0.58	-0.00989	U,G	0.106	-0.0728	U,G	0.224	0.0371	U,G	0.117
NB-18-00-SL	0.301	LT,G	0.176	0.642	U,G	2.66	0.0702	U,G	0.494	-0.0701	U,G	0.106	-0.048	U,G	0.282	-0.0982	U,G	0.249
NB-19-00-SL	0.244	LT,G	0.135	-0.0396	U,G	2.59	0.129	U,G	0.467	0.0271	U,G	0.0759	0.126	U,G	0.135	-0.0275	U,G	0.182
NB-20-00-SL	0.2	U,G	0.21	-0.202	U,G	2.55	0	U,G	0.508	-0.0026	U,G	0.0991	0.0563	U,G	0.179	-0.0513	U,G	0.181
NB-21-00-SL	0.00293	U,G	0.165	1.09	U,G	2.72	0.146	U,G	0.442	-0.0154	U,G	0.0999	0.00945	U,G	0.248	0.0748	U,G	0.134
NB-22-00-SL	0.234	LT,G	0.174	-0.647	U,G	3.57	0.242	U,G	0.528	0.0668	U,G	0.101	0.0249	U,G	0.207	0.0774	U,G	0.186
NB-23-00-SL	0.227	LT,G	0.194	-0.192	U,G	2.72	0.106	U,G	0.465	0.00792	U,G	0.0903	-0.0765	U,G	0.268	0.0725	U,G	0.165
NB-24-00-SL	0.192	LT,G	0.174	0	U,G	2.23	0.177	U,G	0.324	-0.0196	U,G	0.0915	-0.0303	U,G	0.174	-0.0317	U,G	0.154
NB-25-00-SL	0.199	LT,G	0.181	0.773	U,G	2.85	-0.0731	U,G	0.491	0.0203	U,G	0.0761	0	U,G	0.264	-0.00572	U,G	0.169
NB-26-00-SL	1.13	G	0.126	-0.797	U,G	2.3	-0.102	U,G	0.405	-0.0162	U,G	0.0785	-0.0382	U,G	0.163	0.0234	U,G	0.125
NB-27-00-SL	0.452	LT,G	0.181	-0.179	U,G	3.21	0.193	U,G	0.482	-0.0294	U,G	0.136	-0.049	U,G	0.285	0.0275	U,G	0.227
NB-27-00-SL-FD	0.488	LT,G	0.193	-1.29	U,G	4.19	0.0187	U,G	0.502	0	U,G	0.102	0.12	U,G	0.239	0.0563	U,G	0.226
OA-01-00-SL	0.428	J	0.319	1.2	UJ	2.77	0.148	UJ	0.593	0.0622	UJ	0.158	0.0641	UJ	0.34	-0.113	UJ	0.426
OA-01-00-SL-FD	0.379	J	0.254	0.101	UJ	2.27	0.0126	UJ	0.472	0.0535	UJ	0.125	0.142	U	0.213	-0.0947	UJ	0.285
OA-02-00-SL	0.324	J	0.29	0.733	UJ	3.27	0.416	UJ	0.625	-0.0187	UJ	0.165	0.118	UJ	0.377	0.0299	UJ	0.359
OA-03-00-SL	0.174	U	0.206	0.883	UJ	2	-0.0276	UJ	0.581	0.00281	UJ	0.102	-0.0764	UJ	0.348	-0.0246	UJ	0.311
OA-04-00-SL	0.309	U,G	0.384	-1.05	U,G	3.75	0.461	G,TI	0.353	0.0547	U,G	0.266	-0.0926	U,G	0.357	0.00801	U,G	0.169
OA-05-00-SL	0.39	LT,G	0.184	0.536	U,G	2.37	0.222	U,G	0.651	-0.0212	U,G	0.126	0.024	U,G	0.198	-0.0448	U,G	0.237
OA-06-00-SL	-0.00267	U,G	0.165	0.678	U,G	2.39	0.0211	U,G	0.419	-0.0106	U,G	0.0827	-0.117	U,G	0.25	-0.00757	U,G	0.177
OA-07-00-SL	0.156	LT,G	0.143	-0.308	U,G	2.9	0.24	U,G	0.506	-0.0178	U,G	0.105	-0.113	U,G	0.272	0.00657	U,G	0.155
OA-08-00-SL	0.147	LT,G	0.116	-0.19	U,G	2.72	0.0124	U,G	0.441	0.366	G,TI	0.17	0.0559	U,G	0.219	-0.0462	U,G	0.138
OA-09-00-SL	0.0817	U,G	0.158	0.41	U,G	2.89	0.344	U,G	0.409	0.0146	U,G	0.104	0.00093	U,G	0.207	0.0498	U,G	0.18
OA-10-00-SL	0.136	U,G	0.162	-0.329	U,G	3.78	-0.0509	U,G	0.574	0.0413	U,G	0.11	-0.099	U,G	0.355	0.0191	U,G	0.229
OA-11-00-SL	-0.0249	U,G	0.234	-0.32	U,G	4.16	-0.118	U,G	0.822	0.0342	U,G	0.136	0.075	U,G	0.329	-0.159	U,G	0.363
OA-12-00-SL	0.0291	U,G	0.284	0.387	U,G	3.77	0.307	U,G	0.74	0.0459	U,G	0.123	-0.0971	U,G	0.435	0	U,G	0.209
OA-13-00-SL	-0.0431	U,G	0.27	-0.573	U,G	4.07	0.424	U,G	0.631	-0.0317	U,G	0.169	-0.115	U,G	0.412	0.0887	U,G	0.206
OA-14-00-SL	0.333	LT,G	0.272	-0.773	U,G	4.44	-0.097	U,G	0.738	0.044	U,G	0.143	-0.0692	U,G	0.398	-0.0224	U,G	0.294
OA-15-00-SL	0.101	U,G	0.29	-2.24	U,G	4.75	0.283	U,G	0.66	-0.0149	U,G	0.133	-0.128	U,G	0.436	-0.0115	U,G	0.374
OA-16-00-SL	0.0838	U,G	0.2	-0.773	U,G	3.64	0.137	U,G	0.483	0.0515	U,G	0.0865	-0.134	U,G	0.347	-0.0669	U,G	0.256
OA-20-00-SL	0.0609	U,G	0.203	-0.473	U,G	3.27	0.457	G,TI	0.379	0.0302	U,G	0.0975	-0.0141	U,G	0.285	0.0259	U,G	0.222
OA-21-00-SL	-0.0112	U,G	0.232	-0.144	U,G	3.24	0.136	U,G	0.588	0.0231	U,G	0.147	-0.0158	U,G	0.317	0.00446	U,G	0.219
OA-22-00-SL	0	U	0.134	0.337	U	2.26	0.169	U	0.348	0.0006	U	0.089	-0.0225	U	0.195	0.065	U	0.121
OA-23-00-SL	0.0632	U	0.136	0.241	U	2.9	0.0651	U	0.319	1.65	TI	0.402	-0.081	U	0.223	0	U	0.168

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Cesium-137			Chromium-51			Cobalt-56			Cobalt-57			Cobalt-58			Cobalt-60		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
OA-24-00-SL	0.279	LT,G	0.217	0.783	U,G	3.52	0.366	U,G	0.709	0.00834	U,G	0.119	-0.16	U,G	0.386	0.0338	U,G	0.291
OA-25-00-SL	0.0459	U,G	0.194	-0.466	U,G	2.73	0.0872	U,G	0.512	0.0278	U,G	0.0876	-0.144	U,G	0.294	0.0883	U,G	0.242
OA-26-00-SL	0.0514	U	0.231	-0.266	U	4.32	0.169	U	0.471	0.438	TI	0.312	0.0528	U	0.319	0.041	U	0.266
OA-27-00-SL	0.0797	U,G	0.187	0.313	U,G	2.56	-0.0702	U,G	0.512	0.0147	U,G	0.0857	-0.0158	U,G	0.226	0.0956	U,G	0.111
OA-28-00-SL	0.261	LT,G	0.166	0.312	U,G	2.13	0.0865	U,G	0.424	0.00318	U,G	0.0895	-0.0362	U,G	0.21	-0.042	U,G	0.177
OA-29-00-SL	0.112	U,G	0.154	0.707	U,G	2.23	0.218	U,G	0.392	0.0095	U,G	0.0801	0.0196	U,G	0.22	0.0469	U,G	0.168
OA-30-00-SL	0.201	LT,G,T	0.182	-0.466	U,G	3.03	0.11	U,G	0.632	0	U,G	0.109	0.00397	U,G	0.241	0	U,G	0.269
OA-31-00-SL	0.155	LT,G,T	0.142	-0.239	U,G	2.03	0.275	U,G	0.364	-0.0343	U,G	0.0979	-0.0455	U,G	0.207	-0.0236	U,G	0.166
OA-32-00-SL	0.0329	U,G	0.202	-0.17	U,G	2.27	-0.061	U,G	0.406	-0.0103	U,G	0.084	0.0588	U,G	0.203	-0.0539	U,G	0.218
OA-33-00-SL	0.166	LT,G,T	0.149	-0.488	U,G	2.26	0.205	U,G	0.338	0.0289	U,G	0.0885	0.104	U,G	0.142	-0.0161	U,G	0.144
OA-34-00-SL	0.187	TI,LT	0.166	0.878	U,G	2.67	0.426	G,TI	0.312	0.00495	U,G	0.0922	-0.0448	U,G	0.198	-0.0534	U,G	0.171
OA-35-00-SL	0.132	U,G	0.245	-1.11	U,G	3.86	0.0813	U,G	0.655	0.0116	U,G	0.139	0.0327	U,G	0.308	0.0467	U,G	0.248
OA-36-00-SL	0.295	LT,G	0.195	1.06	U,G	3.2	0.234	U,G	0.589	0.0634	U,G	0.0992	0.00426	U,G	0.259	-0.0146	U,G	0.244
OA-37-00-SL	0.389	LT,G	0.25	0	U,G	4.57	-0.0136	U,G	0.905	-0.0264	U,G	0.135	-0.24	U,G	0.456	0.0306	U,G	0.331
OA-38-00-SL	0.431	LT,G	0.2	0.702	U,G	2.88	0.316	U,G	0.372	-0.00882	U,G	0.0988	0.212	G,TI	0.196	0.0273	U,G	0.195
OA-39-00-SL	0.411	LT,G	0.141	-0.0966	U,G	2.6	0.13	U,G	0.329	0.00766	U,G	0.0912	0	U,G	0.178	0.0836	U,G	0.0908
OA-40-00-SL	0.304	LT,G	0.146	-1.12	U,G	3.82	-0.0541	U,G	0.577	-0.00279	U,G	0.0946	0.0118	U,G	0.205	-0.027	U,G	0.235
PL-01-00-SL	0.213	LT,G	0.163	0.903	U,G	2.61	0.327	U,G	0.501	-0.00439	U,G	0.113	0.0445	U,G	0.224	-0.0562	U,G	0.227
PL-02-00-SL	0.157	U,G	0.221	1.08	U,G	3.26	0.0596	U,G	0.561	0.0246	U,G	0.108	-0.0145	U,G	0.236	0.0743	U,G	0.16
PL-03-00-SL	0.248	LT,G	0.173	-0.732	U,G	3.17	0.267	U,G	0.441	0.00902	U,G	0.0904	-0.0935	U,G	0.26	-0.0172	U,G	0.172
RR-01-00-SL	0.353	J	0.302	-0.301	UJ	4.26	-0.0952	UJ	0.755	0.743	=	0.381	0.011	UJ	0.424	-0.177	UJ	0.491
RR-02-00-SL	0.0894	UJ	0.24	-0.567	UJ	2.28	0.114	UJ	0.598	-0.0181	UJ	0.125	0.0085	UJ	0.219	0.00676	UJ	0.232
RR-03-00-SL	0.019	UJ	0.325	1.05	UJ	3.7	0.388	UJ	0.726	-0.02	UJ	0.149	0.0283	UJ	0.436	0.0956	UJ	0.383
SW-01-00-SL	0.271	J	0.236	0.12	UJ	2.77	0.0828	UJ	0.634	0.0515	UJ	0.127	0.0338	UJ	0.324	0.0108	UJ	0.288
SW-02-00-SL	0.286	U	0.35	2.02	UJ	3.87	0.477	UJ	1.12	0.144	U	0.165	0.0276	UJ	0.451	-0.172	UJ	0.572
SW-03-00-SL	0.0378	UJ	0.246	-1.91	UJ	3.16	-0.021	UJ	0.525	-0.0129	UJ	0.107	0.0231	UJ	0.237	0.00501	UJ	0.206
SW-04-00-SL	0.29	U	0.425	-0.858	UJ	4.86	-0	UJ	0.885	0.0159	UJ	0.127	-0.0874	UJ	0.406	0.102	UJ	0.249
LS-01-00-SL	-0.00683	U	0.138	-0.894	U	2.28	0.272	U	0.41	-0.00962	U	0.0774	-0.044	U	0.236	0	U	0.202
LS-02-00-SL	-0.0402	U	0.151	-1.39	U	2.73	-0.0331	U	0.373	0.0149	U	0.0895	-0.115	U	0.24	-0.062	U	0.175
LS-03-00-SL	0.0577	U,G	0.157	-1.66	U,G	3.29	0.0221	U,G	0.437	0.00596	U,G	0.0998	0.0221	U,G	0.201	-0.00551	U,G	0.163

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Europium-152			Europium-154			Europium-155			Iodine-131			Iron-59			Lead-212		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-09-00-SL	-0.258	U,G	1.13	-0.456	U,G	1.27	0.248	U,G	0.513	0.387	U,G	5.59	0.18	U,G	0.636	0.535	G	0.301
BD-10-00-SL	-0.0116	U,G	0.892	-13.4	U,G	5.31	6.53	G	2.51	-2.47	U,G	7.13	-0.166	U,G	0.57	0.712	G	0.369
BD-11-00-SL	0.285	U,G	0.622	-7.58	U,G	4.16	4.79	G	2.22	-0.633	U,G	5.99	-0.11	U,G	0.603	1.5	G	0.331
BD-12-00-SL	0.109	U,G	1.49	-0.417	U,G	2.18	0.9	U,G	1.13	0.344	U,G	8.79	0.0208	U,G	1.04	0.763	G	0.418
BP-01-00-SL	0.364	U,G	1.13	-0.103	U,G	1.35	0.0232	U,G	0.42	0.17	U,G	2.61	0.14	U,G	0.779	0.71	G	0.323
BP-02-00-SL	0	U,G	0.796	-0.0821	U,G	0.986	0.0662	U,G	0.34	0	U,G	3.15	-0.0772	U,G	0.502	1.09	G	0.18
BP-03-00-SL	0	U,G	0.943	-0.413	U,G	1.21	1.29	G	0.969	-0.448	U,G	4.23	-0.245	U,G	0.722	1.4	G	0.205
BP-04-00-SL	0	U,G	0.867	-0.16	U,G	0.931	0.218	U,G	0.325	1.21	U,G	3.33	0.00677	U,G	0.57	0.846	G	0.273
BP-05-00-SL	-0.274	U,G	0.761	-0.082	U,G	0.85	0.12	U,G	0.329	-0.643	U,G	3.28	0.0515	U,G	0.549	1.31	G	0.213
BP-06-00-SL	-0.173	U,G	0.909	0.00732	U,G	0.835	0.163	U,G	0.319	0.0299	U,G	1.96	0	U,G	0.565	1.43	G	0.236
BP-07-00-SL	0.191	U,G	0.869	-1.07	U,G	2.08	2.87	G	1.31	0.439	U,G	4.72	0.0348	U,G	0.654	1.65	G	0.292
BP-08-00-SL	0.0574	U,G	1.63	-0.0935	U,G	1.51	2.68	G	1.16	-4.07	U,G	5.68	-0.0877	U,G	0.849	41.2	G	0.585
BP-09-00-SL	-0.159	U,G	1.12	-0.419	U,G	1.08	0.058	U,G	0.346	-0.227	U,G	2.54	0.229	U,G	0.538	1.27	G	0.258
BP-10-00-SL	0.251	U,G	0.657	0	U,G	0.906	-0.0615	U,G	0.408	-1.83	U,G	4.41	0.175	U,G	0.485	1.28	G	0.239
BP-11-00-SL	0	U,G	0.886	0.128	U,G	1.16	0.139	U,G	0.352	-1.96	U,G	6.18	-0.0376	U,G	0.74	1.34	G	0.256
BP-12-00-SL	0.0274	U,G	1.01	-0.215	U,G	1.06	-0.0426	U,G	0.359	0.0666	U,G	4.91	0.189	U,G	0.55	1.28	G	0.315
CB-01-00-SL	0.0224	UJ	1.15	-0.0268	UJ	1.55	-0.348	UJ	0.767	0.0198	UJ	0.869	0.0121	UJ	0.545	1.46	=	0.436
CB-01-00-SL-FD	-0.535	UJ	1.7	0	UJ	1.68	0.238	UJ	0.608	0.122	UJ	0.792	0.0845	UJ	0.704	0.943	=	0.327
DM-01-00-SL	0.995	U,G	1.2	0.876	U,G	2.75	24	G	2.96	0.314	U,G	15.6	-1.26	U,G	2.37	29.7	G	0.772
DM-02-00-SL	-0.501	U,G	1.26	-0.00978	U,G	1.36	-77.2	U,G	4.73	4.65	U,G	12.3	-0.142	U,G	0.764	0.47	U,G	0.573
EP-01-00-SL	-0.0864	U,G	0.93	-0.611	U,G	1.95	1.61	G	1.18	0.628	U,G	8.06	0.336	U,G	0.571	1.66	G	0.372
EP-02-00-SL	0.654	U,G	0.962	1.33	U,G	1.76	1.43	G	1.04	-2.39	U,G	9.71	-0.204	U,G	1.23	1.69	G	0.545
EP-03-00-SL	-0.174	U,G	0.76	-0.235	U,G	1.26	0.575	G	0.548	1.02	U,G	3.84	0.0253	U,G	0.493	1.35	G	0.226
EP-04-00-SL	-0.438	U,G	2.06	-2.96	U,G	4.93	8.77	G	2.64	4.52	U,G	13.6	0.268	U,G	1.29	3.42	G	0.641
EP-04-00-SL-FD	0.374	U,G	0.461	-2.08	U,G	1.91	10.9	G	2.69	-1.33	U,G	8.14	0.0298	U,G	0.634	5.03	G	0.475
EP-05-00-SL	0.14	U,G	0.725	-2.96	U,G	2.62	1.3	G	0.846	1.53	U,G	4.06	-0.054	U,G	0.591	1.24	G	0.238
EP-06-00-SL	0.13	U,G	1.7	-0.987	U,G	2.4	5.69	G	1.78	-3.66	U,G	9.03	-0.131	U,G	1.23	1.18	G	0.466
EP-07-00-SL	0.311	U,G	1.67	0	U,G	1.98	0.179	U,G	0.483	0.371	U,G	11.4	0.394	U,G	1.22	1.14	G	0.439
EP-08-00-SL	0.0927	U,G	1.11	-0.655	U,G	1.97	0.445	U,G	0.92	-0.728	U,G	6.95	-0.507	U,G	1.16	0.406	G	0.36
EP-09-00-SL	0.696	U,G	1.62	-0.737	U,G	2.67	0.483	U,G	0.514	-1.24	U,G	11.4	-0.891	U,G	1.89	1.16	G	0.475
EP-10-00-SL	-0.17	U,G	1.68	-7.13	U,G	5.85	2.07	G	1.72	1.84	U,G	8.1	0.0139	U,G	0.978	0.192	U,G	0.505
EP-11-00-SL	0.859	U,G	1.26	-1.46	U,G	2.84	0.104	U,G	0.577	2.86	U,G	10.6	-0.0581	U,G	1.45	0.552	G	0.504
EP-12-00-SL	0.077	U,G	1.54	0.424	U,G	1.95	0.649	U,G	0.698	0	U,G	7.6	-0.594	U,G	1.21	0.421	G	0.412
GS-01-00-SL	0.0233	U,G	1.48	-0.0267	U,G	1.33	0.0509	U,G	0.412	2.76	U,G	4.43	-0.277	U,G	0.971	0.571	G	0.242
GS-01-00-SL-FD	-0.439	U,G	1.12	0.336	U,G	1.1	0.221	U,G	0.542	-1.23	U,G	5.34	0.0687	U,G	0.626	0.62	G	0.37
GS-02-00-SL	0	U,G	0.526	0.0622	U,G	1.25	0.131	U,G	0.316	0.324	U,G	4.51	0.251	U,G	0.587	0.998	G	0.227
GS-03-00-SL	0	U,G	0.783	0.113	U,G	0.944	0.134	U,G	0.26	0.205	U,G	4.26	0.0182	U,G	0.504	0.535	G	0.208
GS-04-00-SL	-0.606	U,G	1.12	-0.261	U,G	1.13	0.114	U,G	0.343	0.851	U,G	3.33	-0.0624	U,G	0.718	1.15	G	0.222
GS-05-00-SL	-0.0648	U,G	0.914	-0.225	U,G	1.1	0.037	U,G	0.312	-1.23	U,G	4.87	-0.0747	U,G	0.686	0.694	G	0.212
LF-01-00-SL	0	U,G	1.92	-0.373	U,G	1.75	0.0222	U,G	0.427	-0.423	U,G	10.5	0.0331	U,G	1.24	0.733	G	0.42
LF-02-00-SL	0.108	U,G	1.29	-0.35	U,G	1.29	-0.113	U,G	0.359	0.845	U,G	5.3	-0.0334	U,G	0.743	0.154	U,G	0.208
LF-03-00-SL	-0.0877	U,G	1.44	0.432	U,G	1.78	-0.0822	U,G	0.621	-0.372	U,G	8.14	0.168	U,G	0.997	0.51	G	0.357
LF-04-00-SL	0	U,G	1.09	-0.449	U,G	1.56	0.268	U,G	0.467	0.0573	U,G	8.34	0.272	U,G	0.752	0.89	G	0.382
LF-05-00-SL	0.997	G,TI	0.337	0.106	U,G	1.38	0.00235	U,G	0.358	1.56	U,G	6.93	-0.127	U,G	1.18	0.823	G	0.403
NB-01-00-SL	0.328	U,G	0.772	-0.393	U,G	1.05	0.0448	U,G	0.391	-0.783	U,G	4.8	0	U,G	0.561	0.594	G	0.242
NB-02-00-SL	-0.0672	U,G	0.807	-0.234	U,G	0.824	0.0467	U,G	0.264	0.821	U,G	4.62	-0.0386	U,G	0.714	0.248	G	0.207
NB-03-00-SL	-0.263	U,G	1.06	-0.166	U,G	0.926	0.0122	U,G	0.308	0.211	U,G	4.94	-0.106	U,G	0.69	0.462	G	0.231

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Europium-152			Europium-154			Europium-155			Iodine-131			Iron-59			Lead-212		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-04-00-SL	0.524	U,G	0.981	0.00879	U,G	1	0.082	U,G	0.366	-1.04	U,G	4.61	-0.101	U,G	0.753	1.92	G	0.24
NB-05-00-SL	0.249	U,G	1.72	0.721	U,G	1.27	0.0959	U,G	0.459	1.72	U,G	4.86	0.109	U,G	1.13	1.02	G	0.28
NB-06-00-SL	0.0717	U,G	0.885	-0.1	U,G	1.04	-0.00354	U,G	0.357	0.382	U,G	4.27	-0.243	U,G	0.72	1.27	G	0.277
NB-07-00-SL	0.405	U,G	0.973	0.141	U,G	0.992	0.0141	U,G	0.376	-2.12	U,G	6.02	-0.00445	U,G	0.858	1.53	G	0.275
NB-07-00-SL-FD	-0.215	U,G	1.13	-0.155	U,G	1.04	0.282	U,G	0.353	0.356	U,G	3.98	0.0343	U,G	0.669	1.67	G	0.288
NB-08-00-SL	0.0585	U,G	0.929	0.105	U,G	0.834	0.152	U,G	0.395	0.816	U,G	4.16	-0.0659	U,G	0.597	1.29	G	0.335
NB-09-00-SL	0.536	U,G	0.716	0.214	U,G	0.97	-0.0376	U,G	0.414	0.999	U,G	4.09	-0.101	U,G	0.559	1.27	G	0.269
NB-10-00-SL	0.34	U,G	0.841	-0.00946	U,G	0.936	0.129	U,G	0.334	-1.06	U,G	4.53	0.142	U,G	0.565	1.06	G	0.341
NB-11-00-SL	0.198	U,G	0.946	-0.024	U,G	1.02	0.17	U,G	0.399	-1.19	U,G	3.84	0.121	U,G	0.453	1	G	0.317
NB-12-00-SL	0.143	U,G	1.01	0.187	U,G	0.935	0.245	U,G	0.289	1.78	U,G	4.43	0.208	U,G	0.627	1.09	G	0.284
NB-13-00-SL	0.327	U,G	0.845	0	U,G	0.862	0.00941	U,G	0.336	0.148	U,G	3.93	-0.0304	U,G	0.593	1.34	G	0.249
NB-14-00-SL	-0.444	U,G	1.51	0.125	U,G	1.32	-0.118	U,G	0.728	1.65	U,G	6.11	-0.0592	U,G	0.921	1.12	G	0.5
NB-15-00-SL	0.0464	U,G	0.736	-0.333	U,G	0.864	0.2	U,G	0.343	1.42	U,G	3.3	0.157	U,G	0.435	1.34	G	0.205
NB-16-00-SL	-0.148	U,G	0.697	0.222	U,G	0.739	0.022	U,G	0.359	0.598	U,G	3.88	0.282	U,G	0.47	1.26	G	0.242
NB-17-00-SL	-0.169	U,G	0.892	-0.303	U,G	0.95	0.391	G,TI	0.344	0.339	U,G	3.51	-0.0641	U,G	0.534	1.26	G	0.279
NB-18-00-SL	-0.2	U,G	1.05	0.0577	U,G	0.982	0.318	G,TI	0.294	-0.617	U,G	4.93	0.204	U,G	0.566	1.18	G	0.315
NB-19-00-SL	0	U,G	0.703	-0.0335	U,G	0.766	0.0587	U,G	0.297	-0.372	U,G	3.64	-0.0506	U,G	0.477	1.18	G	0.23
NB-20-00-SL	0.255	U,G	0.898	0.221	U,G	1.21	0.0835	U,G	0.321	0.126	U,G	2.58	0.067	U,G	0.565	1.1	G	0.245
NB-21-00-SL	-0.0618	U,G	0.928	-0.161	U,G	0.894	0.12	U,G	0.328	0.694	U,G	3.54	0.278	U,G	0.572	1.19	G	0.29
NB-22-00-SL	0.153	U,G	0.922	-0.2	U,G	1.25	0.194	U,G	0.352	-1.21	U,G	4.26	-0.443	U,G	0.93	1.15	G	0.22
NB-23-00-SL	0.248	U,G	0.648	-0.0979	U,G	0.872	0.0412	U,G	0.315	-0.206	U,G	4.26	-0.185	U,G	0.619	1.3	G	0.304
NB-24-00-SL	0.144	U,G	0.517	0	U,G	0.719	0.0714	U,G	0.324	-0.538	U,G	3.67	0.0811	U,G	0.471	0.938	G	0.22
NB-25-00-SL	0.0565	U,G	0.876	0.13	U,G	0.715	0.163	U,G	0.295	-1.99	U,G	4.15	0.221	U,G	0.445	0.787	G	0.243
NB-26-00-SL	0.277	U,G	0.554	0.207	U,G	0.543	0.134	U,G	0.257	0.33	U,G	3.22	0.0813	U,G	0.382	0.18	G	0.161
NB-27-00-SL	-0.154	U,G	1.09	-0.0694	U,G	1.08	0.0971	U,G	0.491	-1.17	U,G	5.68	-0.0449	U,G	0.738	0.511	G	0.348
NB-27-00-SL-FD	-0.278	U,G	1.22	0.491	U,G	1.3	0.119	U,G	0.441	-0.191	U,G	6.76	0.0903	U,G	0.604	0.575	G	0.336
OA-01-00-SL	-0.991	UJ	2.36	-1.08	UJ	2.17	0.306	UJ	0.53	0.45	UJ	2	0.0313	UJ	0.87	0.438	J	0.33
OA-01-00-SL-FD	-0.0896	UJ	1.26	-1.4	UJ	1.87	0.297	UJ	0.51	0.581	UJ	1.21	0.121	UJ	0.436	0.466	=	0.294
OA-02-00-SL	0	UJ	1.79	0	UJ	2.1	0.284	UJ	0.521	0.513	UJ	2.45	0.0132	UJ	1.11	0.756	=	0.418
OA-03-00-SL	-0.0978	UJ	1.28	-0.34	UJ	1.66	-0.0472	UJ	0.455	0	UJ	1.91	-0.0884	UJ	0.802	0.753	=	0.383
OA-04-00-SL	0.0527	U,G	0.918	-4.45	U,G	3.3	0.432	U,G	1.3	-0.346	U,G	3.83	0.135	U,G	0.508	1.43	G	0.456
OA-05-00-SL	0.592	U,G	0.688	-0.322	U,G	1.21	0.0752	U,G	0.373	-0.705	U,G	2.89	0.233	U,G	0.59	1.36	G	0.254
OA-06-00-SL	-0.141	U,G	0.997	0.0704	U,G	0.965	0.122	U,G	0.28	-0.94	U,G	6.84	-0.0621	U,G	0.605	1.3	G	0.202
OA-07-00-SL	0.287	U,G	0.799	-0.19	U,G	0.943	0.305	U,G	0.329	-1.29	U,G	4.73	0.0962	U,G	0.737	1.32	G	0.229
OA-08-00-SL	0.304	U,G	0.76	-0.5	U,G	1.62	0.733	U,G	0.85	-2.02	U,G	5.21	0	U,G	0.489	1.4	G	0.234
OA-09-00-SL	0.205	U,G	1.05	0.192	U,G	1.01	0.0597	U,G	0.425	-0.545	U,G	4.88	-0.135	U,G	0.692	0.756	G	0.293
OA-10-00-SL	0.283	U,G	1.33	-0.333	U,G	1.45	0.214	U,G	0.441	-3.75	U,G	8.12	-0.0487	U,G	0.957	0.683	G	0.342
OA-11-00-SL	-0.246	U,G	1.59	0.448	U,G	1.5	0.396	U,G	0.566	2.29	U,G	7.44	0.0186	U,G	0.928	0.315	U,G	0.358
OA-12-00-SL	-0.333	U,G	1.57	0.392	U,G	1.38	-0.015	U,G	0.579	3.43	U,G	7.15	-0.0318	U,G	0.883	0.833	G	0.346
OA-13-00-SL	0	U,G	1.44	-0.194	U,G	1.36	0.185	U,G	0.66	-0.85	U,G	7.81	0.471	U,G	0.872	0.957	G	0.383
OA-14-00-SL	0.332	U,G	1.33	-0.684	U,G	1.84	0.112	U,G	0.609	-0.918	U,G	8.13	0.0952	U,G	0.881	1.01	G	0.358
OA-15-00-SL	0.142	U,G	1.4	-0.0992	U,G	1.97	0.18	U,G	0.613	-1	U,G	8.34	0.302	U,G	0.814	0.728	G	0.438
OA-16-00-SL	0.189	U,G	1.02	-0.0823	U,G	1.37	0.0659	U,G	0.423	0.554	U,G	6.07	0.0536	U,G	0.894	0.518	G	0.345
OA-20-00-SL	0.0963	U,G	1.26	-0.0837	U,G	1.18	0.0729	U,G	0.403	1.13	U,G	5.52	0.109	U,G	0.716	0.221	U,G	0.386
OA-21-00-SL	-0.0883	U,G	1.21	-0.339	U,G	1.77	0.248	U,G	0.586	-0.26	U,G	5.83	0.0793	U,G	0.689	0.107	U,G	0.28
OA-22-00-SL	-0.321	U	0.964	-0.454	U	1.21	0.013	U	0.424	-1.71	U	4.61	-0.0295	U	0.621	0.0592	U	0.21
OA-23-00-SL	0.138	U	0.742	0.0609	U	0.655	5		2.04	0.432	U	4.5	0.174	U	0.592	0.26	U	0.284

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Europium-152			Europium-154			Europium-155			Iodine-131			Iron-59			Lead-212		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
OA-24-00-SL	-0.503	U,G	1.44	0.437	U,G	1.46	0.084	U,G	0.521	-0.564	U,G	7.2	-0.281	U,G	1.15	0.736	G	0.37
OA-25-00-SL	-0.118	U,G	1.27	0.347	U,G	1.07	0.0154	U,G	0.386	0.564	U,G	4.98	-0.0371	U,G	0.759	0.254	G	0.216
OA-26-00-SL	0.183	U	0.996	-4.72	U	4.59	1.37	U	1.45	0.239	U	5.86	0.2	U	0.769	0.249	U	0.368
OA-27-00-SL	0.296	U,G	0.436	0.154	U,G	0.773	0.0999	U,G	0.277	-0.617	U,G	4.27	0.0651	U,G	0.603	0.845	G	0.269
OA-28-00-SL	-0.102	U,G	0.846	0	U,G	0.997	0.17	U,G	0.368	-0.835	U,G	2.13	0.0781	U,G	0.507	1.17	G	0.201
OA-29-00-SL	-0.035	U,G	1.01	0.0505	U,G	0.859	0.112	U,G	0.285	-0.768	U,G	2.2	-0.0534	U,G	0.599	1.19	G	0.212
OA-30-00-SL	-0.22	U,G	1.17	-0.319	U,G	1.28	0.12	U,G	0.356	-1.13	U,G	3.23	0.0405	U,G	0.651	1.15	G	0.25
OA-31-00-SL	0.259	U,G	0.731	-0.419	U,G	1.04	0.192	U,G	0.389	0.77	U,G	1.82	-0.0532	U,G	0.5	1.36	G	0.273
OA-32-00-SL	0.48	U,G	0.755	0.155	U,G	0.938	0.00603	U,G	0.332	0.927	U,G	1.97	-0.133	U,G	0.52	1.14	G	0.293
OA-33-00-SL	-0.053	U,G	0.922	0	U,G	0.956	0.167	U,G	0.406	-0.35	U,G	2.1	0.163	U,G	0.383	1.47	G	0.238
OA-34-00-SL	-0.255	U,G	0.765	0.137	U,G	0.687	0.161	U,G	0.374	1.08	U,G	3.96	-0.0299	U,G	0.583	1.41	G	0.191
OA-35-00-SL	-0.0229	U,G	1.18	0.372	U,G	1.13	0.0116	U,G	0.608	3.26	U,G	5.96	0.214	U,G	0.784	0.804	G	0.358
OA-36-00-SL	-0.0724	U,G	1.02	-0.0629	U,G	0.944	0.0305	U,G	0.348	-1.07	U,G	5.41	0.307	U,G	0.62	0.849	G	0.312
OA-37-00-SL	-0.228	U,G	1.52	-0.169	U,G	1.68	-0.213	U,G	0.655	3.52	U,G	6.07	-0.114	U,G	1.14	0.863	G	0.405
OA-38-00-SL	0.471	U,G	0.831	-0.128	U,G	1.09	0.219	U,G	0.325	-0.424	U,G	5.23	0.101	U,G	0.697	1.15	G	0.278
OA-39-00-SL	-0.0504	U,G	0.757	-0.181	U,G	0.91	0.0281	U,G	0.376	0.179	U,G	4.22	0	U,G	0.445	1.09	G	0.245
OA-40-00-SL	0.334	U,G	0.876	-0.116	U,G	1.2	-0.0299	U,G	0.34	-1.31	U,G	6.11	0.123	U,G	0.646	0.999	G	0.243
PL-01-00-SL	-0.146	U,G	1.05	-0.271	U,G	1	0.196	U,G	0.344	1.02	U,G	4.66	0.0636	U,G	0.62	1.37	G	0.242
PL-02-00-SL	0.147	U,G	0.965	-0.256	U,G	1.11	0.128	U,G	0.351	-1.17	U,G	6.63	0	U,G	0.782	0.957	G	0.305
PL-03-00-SL	0.0934	U,G	0.843	-0.068	U,G	0.961	0.162	U,G	0.306	-1.42	U,G	4.7	-0.416	U,G	0.812	1.01	G	0.257
RR-01-00-SL	-0.295	UJ	2.08	0.249	UJ	2.66	3.22	=	1.64	0.178	UJ	1.52	0.366	UJ	0.854	2.27	=	0.617
RR-02-00-SL	0.504	UJ	0.742	-0.438	UJ	1.65	0.0852	UJ	0.482	0.162	UJ	1.68	0.0455	UJ	0.489	0.998	=	0.329
RR-03-00-SL	0.159	UJ	1.17	-0.807	UJ	2.34	0.12	UJ	0.482	-0.81	UJ	2.88	-0.274	UJ	1.25	0.919	=	0.454
SW-01-00-SL	-0.107	UJ	1.28	-0.65	UJ	1.92	0.345	UJ	0.625	-0.0859	UJ	2.02	-0.0482	UJ	0.724	0.87	=	0.372
SW-02-00-SL	1.03	U	1.26	-0.868	UJ	3.17	0.907	J	0.889	1.06	UJ	2.87	0.424	UJ	0.962	2.14	=	0.6
SW-03-00-SL	0.199	UJ	0.925	-0.0865	UJ	1.22	0.114	UJ	0.423	0.321	UJ	1.46	0	UJ	0.589	0.745	=	0.304
SW-04-00-SL	0.507	UJ	2.22	-0.572	UJ	2.02	0.0195	UJ	0.485	-0.64	UJ	2.67	0.0224	UJ	1.19	0.92	=	0.479
LS-01-00-SL	0.0171	U	1.09	0.174	U	0.988	-0.0435	U	0.326	-0.901	U	4.07	-0.114	U	0.656	0.139	U	0.158
LS-02-00-SL	-0.122	U	0.569	-0.0541	U	0.763	-0.0497	U	0.311	0.735	U	3.17	0.0246	U	0.4	-0.0236	U	0.217
LS-03-00-SL	0.308	U,G	0.549	-0.275	U,G	0.978	0.25	U,G	0.318	-0.684	U,G	4.75	-0.282	U,G	0.687	0.73	G	0.29

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Lead-214			Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94			Niobium-95		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-09-00-SL	0.296	U,G,J	0.402	-0.0243	U,G	0.217	0.0102	U	0.0171	-26.5	U,G	49.8	0.0463	U,G	0.209	-0.0345	U,G	0.294
BD-10-00-SL	0.69	G,J	0.317	-0.00588	U,G	0.209				0.0541	U,G	0.355	-0.0195	U,G	0.206	1.88	G,SI	0.311
BD-11-00-SL	1.13	G,J	0.346	-0.0117	U,G	0.217				-0.0396	U,G	0.336	-0.117	U,G	0.214	1.88	G,SI	0.314
BD-12-00-SL	0.491	G,J	0.48	-0.0683	U,G	0.35	0.0566		0.0268	0.0157	U,G	0.422	-0.0151	U,G	0.329	0.0993	U,G	0.438
BP-01-00-SL	0.792	G,J	0.446	-0.217	U,G	0.345				-0.0423	U,G	0.375	0.0817	U,G	0.216	-0.0686	U,G	0.398
BP-02-00-SL	0.927	G,J	0.251	0.032	U,G	0.136				-0.0458	U,G	0.205	-0.0622	U,G	0.141	0.008	U,G	0.216
BP-03-00-SL	0.977	G,J	0.301	-0.0111	U,G	0.175	0.0421	LT	0.0216	-0.0321	U,G	0.266	0.0112	U,G	0.171	-0.0182	U,G	0.292
BP-04-00-SL	0.752	G,J	0.243	-0.0133	U,G	0.172	-0.00088	U	0.0181	0.12	U,G	0.182	0.0383	U,G	0.15	-0.0348	U,G	0.268
BP-05-00-SL	1.26	G,J	0.268	0.0294	U,G	0.15				0.0458	U,G	0.191	0.0565	U,G	0.11	-0.0674	U,G	0.227
BP-06-00-SL	1.08	G,J	0.249	-0.00728	U,G	0.171				-0.043	U,G	0.26	0.012	U,G	0.141	-0.0273	U,G	0.236
BP-07-00-SL	0.885	G,J	0.327	-0.163	U,G	0.251	0.066		0.0241	-0.134	U,G	0.352	-0.132	U,G	0.224	0.133	U,G	0.285
BP-08-00-SL	1.59	G,J	0.616	0.392	G,SI	0.258				-0.128	U,G	0.668	-0.0976	U,G	0.411	0.306	U,G	0.457
BP-09-00-SL	1.18	G,J	0.262	-0.0331	U,G	0.215				-0.104	U,G	0.296	0	U,G	0.141	0.0103	U,G	0.194
BP-10-00-SL	1.43	G,J	0.332	0.0105	U,G	0.16				0.0251	U,G	0.225	-0.0248	U,G	0.155	-0.0588	U,G	0.272
BP-11-00-SL	1.31	G,J	0.319	0.0149	U,G	0.201				-3.25	U,G	22.5	0.00107	U,G	0.191	-0.0142	U,G	0.327
BP-12-00-SL	1.44	G,J	0.289	-0.00821	U,G	0.184				-0.109	U,G	0.284	-0.0532	U,G	0.204	-0.055	U,G	0.241
CB-01-00-SL	0.728	=	0.406	0.0242	UJ	0.234	0.0121	U	0.0343	-4.7	UJ	49	-0.0793	UJ	0.242	0.0713	UJ	0.236
CB-01-00-SL-FD	0.8	=	0.557	-0.0461	UJ	0.265				-0.0466	UJ	0.331	-0.0124	UJ	0.279	-0.004	UJ	0.301
DM-01-00-SL	1.38	G,J	0.881	0.609	G,SI	0.492				0.0246	U,G	0.89	0.172	U,G	0.535	0.364	U,G	0.818
DM-02-00-SL	0.679	G,J	0.625	0.0223	U,G	0.325				0.0499	U,G	0.775	-0.126	U,G	0.382	6.86	G,SI	0.51
EP-01-00-SL	1.45	G,J	0.477	0.0835	U,G	0.249				0.44	G	0.329	0.0168	U,G	0.202	0.6	G,SI	0.31
EP-02-00-SL	1.21	G,J	0.628	-0.133	U,G	0.371	0.584		0.0224	0.547	G	0.409	0.0125	U,G	0.339	0.454	G,TI	0.432
EP-03-00-SL	1.19	G,J	0.252	0.0597	U,G	0.153	0.0403	LT	0.0186	-8.35	U,G	50.6	-0.0162	U,G	0.138	0.0356	U,G	0.246
EP-04-00-SL	0.117	U,G,J	0.932	-0.274	U,G	0.571				-0.12	U,G	0.871	-0.296	U,G	0.583	2.13	G,SI	0.66
EP-04-00-SL-FD	0.959	G,J	0.446	0.00778	U,G	0.287				0.137	U,G	0.506	-0.196	U,G	0.302	3	G,SI	0.416
EP-05-00-SL	1.07	G,J	0.309	0.0635	U,G	0.169				-0.0409	U,G	0.287	0.0629	U,G	0.156	0.524	G,SI	0.252
EP-06-00-SL	0.476	U,G,J	0.489	-0.0847	U,G	0.328				-0.0422	U,G	0.388	0.0852	U,G	0.243	-0.00901	U,G	0.47
EP-07-00-SL	0.616	G,J	0.497	0.0888	U,G	0.368				0.152	U,G	0.373	0.1	U,G	0.306	-0.0973	U,G	0.565
EP-08-00-SL	1.02	G,J	0.449	-0.0772	U,G	0.259				-39.6	U,G	74.7	-0.00416	U,G	0.217	0.111	U,G	0.317
EP-09-00-SL	1.32	G,J	0.663	0.157	U,G	0.299	-0.00618	U	0.0278	0.215	U,G	0.521	-0.117	U,G	0.452	0.173	U,G	0.454
EP-10-00-SL	0.789	G,J	0.479	-0.177	U,G	0.369	0.103		0.0163	-0.295	U,G	0.509	0.00337	U,G	0.322	1.35	G,SI	0.424
EP-11-00-SL	0.979	G,J	0.564	-0.17	U,G	0.373	0.00528	U	0.0151	-0.0336	U,G	0.597	0.0306	U,G	0.369	0.195	U,G	0.515
EP-12-00-SL	0.873	G,J	0.438	0.158	U,G	0.212	0.0113	U	0.0326	-0.134	U,G	0.399	0.0879	U,G	0.27	0.134	U,G	0.414
GS-01-00-SL	0.571	G,J	0.391	0.0813	U,G	0.238				-9.52	U,G	22.3	0.0982	U,G	0.204	0.0634	U,G	0.297
GS-01-00-SL-FD	0.807	G,J	0.378	0.113	U,G	0.207				-0.0164	U,G	0.325	-0.0429	U,G	0.218	0.0053	U,G	0.257
GS-02-00-SL	1.08	G,J	0.337	0.0175	U,G	0.211				-7.58	U,G	21.7	-0.0217	U,G	0.216	-0.0438	U,G	0.327
GS-03-00-SL	0.455	G,J	0.288	-0.0706	U,G	0.182				-1.3	U,G	14.8	-0.0283	U,G	0.164	0.00775	U,G	0.243
GS-04-00-SL	1.16	G,J	0.273	0.0585	U,G	0.168				-3.01	U,G	18	0.0747	U,G	0.17	0.011	U,G	0.214
GS-05-00-SL	0.759	G,J	0.268	0.0084	U,G	0.146				-3.73	U,G	18.7	-0.0338	U,G	0.152	0.061	U,G	0.209
LF-01-00-SL	0.695	G,J	0.495	0.045	U,G	0.36				-0.0414	U,G	0.488	-0.00402	U,G	0.302	0.0272	U,G	0.466
LF-02-00-SL	0.333	U,G,J	0.37	-0.00047	U,G	0.203				-0.0121	U,G	0.254	0.0936	U,G	0.18	0.0258	U,G	0.262
LF-03-00-SL	0.585	G,J	0.441	0.0778	U,G	0.242				-6.69	U,G	29.4	-0.0974	U,G	0.354	0.0706	U,G	0.403
LF-04-00-SL	0.907	G,J	0.439	0.0559	U,G	0.213				0.126	U,G	0.326	0.044	U,G	0.238	0.0763	U,G	0.382
LF-05-00-SL	0.558	G,J	0.342	-0.00174	U,G	0.271				-0.0325	U,G	0.404	-0.0649	U,G	0.297	0.0463	U,G	0.396
NB-01-00-SL	0.798	G,J	0.279	0.0156	U,G	0.15				-0.0655	U,G	17.4	-0.0271	U,G	0.166	-0.0197	U,G	0.245
NB-02-00-SL	0.491	G,J	0.242	-0.00487	U,G	0.12				-0.0611	U,G	0.253	-0.107	U,G	0.207	-0.0278	U,G	0.235
NB-03-00-SL	0.569	G,J	0.24	0.00911	U,G	0.183	-0.00308	U	0.0237	-0.0791	U,G	0.31	0.0147	U,G	0.161	0.123	U,G	0.205

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Lead-214			Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94			Niobium-95		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-04-00-SL	1.97	G,J	0.375	0.0709	U,G	0.208				0.0371	U,G	0.308	0.101	U,G	0.18	0.118	U,G	0.288
NB-05-00-SL	1.01	G,J	0.466	-0.0671	U,G	0.288				-5.92	U,G	22.4	-0.00685	U,G	0.259	0.149	U,G	0.353
NB-06-00-SL	1.25	G,J	0.243	-0.0643	U,G	0.221	0.00732	U	0.0256	-0.0467	U,G	0.273	0.00745	U,G	0.171	-0.073	U,G	0.333
NB-07-00-SL	1.13	G,J	0.342	0.014	U,G	0.206				0.122	U,G	0.24	0.122	U,G	0.16	-0.0897	U,G	0.342
NB-07-00-SL-FD	1.39	G,J	0.352	0.0367	U,G	0.179				-8.93	U,G	19.5	0.0895	U,G	0.159	-0.145	U,G	0.319
NB-08-00-SL	1.28	G,J	0.285	-0.00332	U,G	0.174				0.0489	U,G	0.244	0.029	U,G	0.141	-0.145	U,G	0.291
NB-09-00-SL	1.29	G,J	0.357	0.0113	U,G	0.196				-3.19	U,G	20.5	0	U,G	0.153	-0.0178	U,G	0.303
NB-10-00-SL	0.953	G,J	0.35	0.0381	U,G	0.173				-5.51	U,G	21	-0.031	U,G	0.186	-0.138	U,G	0.325
NB-11-00-SL	1.12	G,J	0.244	-0.0646	U,G	0.194	0.00256	U	0.0345	-14.6	U,G	36.3	0	U,G	0.161	0.0849	U,G	0.214
NB-12-00-SL	1.2	G,J	0.369	-0.0382	U,G	0.188	-0.00292	U	0.0218	-0.00176	U,G	0.305	0.0238	U,G	0.196	-0.142	U,G	0.344
NB-13-00-SL	1.24	G,J	0.291	0.0325	U,G	0.203				-0.0696	U,G	0.274	-0.0991	U,G	0.186	-0.0856	U,G	0.262
NB-14-00-SL	1.05	G,J	0.438	0.00983	U,G	0.278	0.00156	U	0.0182	-0.184	U,G	0.436	0.0318	U,G	0.262	-0.0327	U,G	0.356
NB-15-00-SL	1.38	G,J	0.206	-0.0387	U,G	0.179				0.0542	U,G	0.198	0.0516	U,G	0.115	-0.123	U,G	0.266
NB-16-00-SL	1.02	G,J	0.261	0.0159	U,G	0.168				-0.221	U,G	16.2	0.0489	U,G	0.134	-0.0735	U,G	0.248
NB-17-00-SL	1.23	G,J	0.324	0.0235	U,G	0.16				0.0188	U,G	0.26	-0.0348	U,G	0.17	-0.156	U,G	0.301
NB-18-00-SL	1.16	G,J	0.303	-0.00896	U,G	0.186				0.0375	U,G	0.282	0.0291	U,G	0.171	0.166	U,G	0.253
NB-19-00-SL	0.99	G,J	0.23	-0.027	U,G	0.162				0.032	U,G	0.224	-0	U,G	0.132	-0.0089	U,G	0.214
NB-20-00-SL	1.15	G,J	0.299	0.0743	U,G	0.16				-10.6	U,G	21.6	-0.0295	U,G	0.17	0.0197	U,G	0.211
NB-21-00-SL	0.944	G,J	0.28	-0.0409	U,G	0.167				0.00911	U,G	0.258	0.0125	U,G	0.174	-0.131	U,G	0.283
NB-22-00-SL	1	G,J	0.303	0.0133	U,G	0.195				-3.17	U,G	23.7	0.0899	U,G	0.144	-0.163	U,G	0.351
NB-23-00-SL	1.12	G,J	0.298	0.0493	U,G	0.175	0.00465	U	0.0179	-1.17	U,G	18.1	-0.0134	U,G	0.167	-0.0757	U,G	0.265
NB-24-00-SL	1.18	G,J	0.259	0.0091	U,G	0.158				-2.56	U,G	16.2	-0.0297	U,G	0.133	-0.146	U,G	0.275
NB-25-00-SL	0.712	G,J	0.257	0	U,G	0.18				-1.02	U,G	17.2	0.00685	U,G	0.178	-0.0777	U,G	0.23
NB-26-00-SL	0.474	G,J	0.211	-0.0378	U,G	0.138				0.0539	U,G	0.164	-0.0114	U,G	0.115	-0.0309	U,G	0.178
NB-27-00-SL	0.58	G,J	0.341	0.0248	U,G	0.195				-0.171	U,G	0.324	0.05	U,G	0.186	0.141	U,G	0.24
NB-27-00-SL-FD	1.03	G,J	0.419	0.0523	U,G	0.204				-0.115	U,G	0.345	0.109	U,G	0.199	-0.0482	U,G	0.386
OA-01-00-SL	0.749	=	0.548	-0.00763	UJ	0.252	0.016	U	0.0169	-4.24	UJ	61.5	-0.0914	UJ	0.348	0.0914	UJ	0.358
OA-01-00-SL-FD	0.549	=	0.42	-0.107	UJ	0.256				0.026	UJ	0.284	-0.0104	UJ	0.181	0.0552	UJ	0.277
OA-02-00-SL	0.817	=	0.525	0.215	U	0.283	0.0101	U	0.0394	0.039	UJ	0.406	-0.0225	UJ	0.321	-0.076	UJ	0.439
OA-03-00-SL	0.908	=	0.493	0.036	UJ	0.269				-4.4	UJ	23.7	-0.0567	UJ	0.242	-0.159	UJ	0.36
OA-04-00-SL	1.18	G,J	0.491	-0.0138	U,G	0.269				0.0352	U,G	0.417	-0.0848	U,G	0.249	3.49	G,SI	0.411
OA-05-00-SL	1.22	G,J	0.333	0.12	G,TI	0.119				0.0292	U,G	0.285	0.0515	U,G	0.198	-0.129	U,G	0.293
OA-06-00-SL	1.11	G,J	0.275	0.0228	U,G	0.152				-0.0571	U,G	0.256	-0.117	U,G	0.181	0.159	U,G	0.244
OA-07-00-SL	1.12	G,J	0.313	0.0168	U,G	0.174	0.00331	U	0.0224	-17.8	U,G	34.2	0.0272	U,G	0.149	-0.0897	U,G	0.275
OA-08-00-SL	1.06	G,J	0.274	-0.112	U,G	0.196	0.0184	LT	0.0161	0.135	U,G	0.231	0.0125	U,G	0.162	0.488	G,SI	0.217
OA-09-00-SL	0.882	G,J	0.259	0.0526	U,G	0.167				-2.76	U,G	22.1	0.029	U,G	0.157	0.0568	U,G	0.273
OA-10-00-SL	0.834	G,J	0.353	0.0714	U,G	0.238				0	U,G	0.336	0.106	U,G	0.237	0.021	U,G	0.302
OA-11-00-SL	0.842	G,J	0.424	-0.0794	U,G	0.294	0.00694	U	0.0295	0.0568	U,G	0.369	0.075	U,G	0.309	0.0265	U,G	0.429
OA-12-00-SL	0.983	G,J	0.421	0	U,G	0.269				0.0516	U,G	0.376	-0.0332	U,G	0.27	0.203	U,G	0.334
OA-13-00-SL	1.09	G,J	0.517	-0.0455	U,G	0.286				-12	U,G	56.2	0.152	U,G	0.256	-0.0787	U,G	0.457
OA-14-00-SL	0.997	G,J	0.429	0.174	U,G	0.217				-0.137	U,G	0.394	-0.114	U,G	0.278	-0.247	U,G	0.533
OA-15-00-SL	0.636	G,J	0.518	-0.077	U,G	0.333				0.115	U,G	0.342	-0.0779	U,G	0.323	-0.0967	U,G	0.47
OA-16-00-SL	0.782	G,J	0.327	-0.0188	U,G	0.268	0.00614	U	0.0175	0.0548	U,G	0.284	-0.0876	U,G	0.213	-0.1	U,G	0.37
OA-20-00-SL	0.955	G,J	0.399	-0.0314	U,G	0.262				-0.0139	U,G	0.28	0.0111	U,G	0.186	-0.0533	U,G	0.3
OA-21-00-SL	0.857	G,J	0.431	0.033	U,G	0.182				-17.8	U,G	49.3	0	U,G	0.256	0.119	U,G	0.315
OA-22-00-SL	0.895	J	0.264	0.0428	U	0.117	0.00272	U	0.0367	0.0397	U	0.187	0.0364	U	0.144	-0.0461	U	0.268
OA-23-00-SL	0.441	J	0.395	0.0378	U	0.144				-0.096	U	0.272	-0.0546	U	0.173	0.133	U	0.257

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Lead-214			Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94			Niobium-95		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
OA-24-00-SL	1.1	G,J	0.456	-0.0173	U,G	0.219				-0.0415	U,G	0.378	-0.0421	U,G	0.265	0.048	U,G	0.395
OA-25-00-SL	0.438	G,J	0.357	0.00681	U,G	0.205				-0.185	U,G	0.243	-0.0011	U,G	0.182	0.13	U,G	0.233
OA-26-00-SL	0.747	J	0.34	0.0255	U	0.224	0.119		0.0347	0	U	0.316	0.0911	U	0.251	0.626	SI	0.383
OA-27-00-SL	1.04	G,J	0.292	0.0179	U,G	0.145				0.0233	U,G	0.195	-0.00686	U,G	0.158	0.0614	U,G	0.227
OA-28-00-SL	1.07	G,J	0.299	-0.0361	U,G	0.165				0.0764	U,G	0.195	0.0943	U,G	0.118	-0.0344	U,G	0.2
OA-29-00-SL	1.02	G,J	0.274	0.0387	U,G	0.123				-2.53	U,G	18.8	0.0191	U,G	0.15	0.0869	U,G	0.206
OA-30-00-SL	0.866	G,J	0.338	-0.113	U,G	0.239				-5.14	U,G	22.6	0.0117	U,G	0.179	0	U,G	0.299
OA-31-00-SL	1.23	G,J	0.285	0.062	U,G	0.132				-3.79	U,G	19	0.0577	U,G	0.144	-0.159	U,G	0.241
OA-32-00-SL	1.08	G,J	0.255	0.0618	U,G	0.14				-0.254	U,G	17.9	-0.0509	U,G	0.179	0.0193	U,G	0.194
OA-33-00-SL	1.15	G,J	0.306	-0.0644	U,G	0.188				0	U,G	0.23	-0.0197	U,G	0.154	-0.114	U,G	0.294
OA-34-00-SL	1.02	G,J	0.286	0.0175	U,G	0.169				0.0085	U,G	0.213	-0.0252	U,G	0.164	-0.128	U,G	0.3
OA-35-00-SL	0.709	G,J	0.339	0.222	G,TI	0.19				-0.00575	U,G	0.359	0.04	U,G	0.228	0.054	U,G	0.319
OA-36-00-SL	0.9	G,J	0.302	0.0661	U,G	0.191				-0.0925	U,G	0.324	0.044	U,G	0.182	0.0158	U,G	0.315
OA-37-00-SL	0.898	G,J	0.488	0.0757	U,G	0.279	0	U	0.0086	-0.0585	U,G	0.393	-0.136	U,G	0.33	0.0954	U,G	0.376
OA-38-00-SL	1.03	G,J	0.304	-0.052	U,G	0.194				-0.0831	U,G	0.29	0.035	U,G	0.141	0	U,G	0.274
OA-39-00-SL	1.14	G,J	0.254	0.0902	U,G	0.144				-1.87	U,G	17.8	0.0187	U,G	0.129	0.0622	U,G	0.239
OA-40-00-SL	0.931	G,J	0.328	-0.106	U,G	0.217				0.0674	U,G	0.213	-0.00483	U,G	0.163	-0.0454	U,G	0.264
PL-01-00-SL	1.03	G,J	0.29	-0.0328	U,G	0.201	0.00101	U	0.0223	-13.3	U,G	37.7	-0.0861	U,G	0.189	0.0221	U,G	0.242
PL-02-00-SL	1.07	G,J	0.303	0.0448	U,G	0.188				-0.0362	U,G	0.319	0.0458	U,G	0.179	-0.181	U,G	0.372
PL-03-00-SL	1.36	G,J	0.248	0.00765	U,G	0.176				-4.08	U,G	18.3	0.0371	U,G	0.155	-0.155	U,G	0.354
RR-01-00-SL	0.595	U	0.68	-0.107	UJ	0.378	0.108		0.0363	-0.106	UJ	0.682	0.075	UJ	0.403	0.715	J	0.494
RR-02-00-SL	0.957	=	0.47	-0.101	UJ	0.335				-0.0146	UJ	0.303	0.0234	UJ	0.256	-0.0248	UJ	0.336
RR-03-00-SL	1.29	=	0.637	0.0321	UJ	0.264				0.114	UJ	0.477	-0.0262	UJ	0.355	0.0777	UJ	0.402
SW-01-00-SL	1.14	=	0.474	-0.0656	UJ	0.294	0.0211	U	0.0256	-11.2	UJ	46.2	0	UJ	0.242	0.00219	UJ	0.393
SW-02-00-SL	1.15	=	0.673	-0.0461	UJ	0.376				-0.0335	UJ	0.596	0.0964	UJ	0.421	0.174	UJ	0.544
SW-03-00-SL	0.924	=	0.36	0.0262	UJ	0.251				0.0722	UJ	0.252	-0.0462	UJ	0.225	-0.0266	UJ	0.344
SW-04-00-SL	0.893	=	0.634	0.173	UJ	0.302				0.0957	UJ	0.522	-0.0418	UJ	0.349	-0.0893	UJ	0.518
LS-01-00-SL	0.757	J	0.306	-0.00439	U	0.172				0.0186	U	0.203	0.00088	U	0.16	0.21	TI	0.196
LS-02-00-SL	0.404	J	0.259	-0.0527	U	0.16				-0.019	U	0.185	-0.0403	U	0.149	-0.038	U	0.218
LS-03-00-SL	0.835	G,J	0.279	-0.0082	U,G	0.175				0.0149	U,G	0.262	-0.0665	U,G	0.17	0.022	U,G	0.234

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Plutonium 238 (A)			Plutonium 239/240 (A)			Potassium-40			Protactinium-234			Ruthenium-106			Scandium 46		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-09-00-SL	-0.00208	U	0.0155	0.00211	U	0.0057	6.35	G	2.82	16	U,G	24.7	-0.503	U,G	1.82	-0.14	U,G	0.317
BD-10-00-SL							3.45	G	2.03	670	G	24.9	0.506	U,G	1.74	-0.0764	U,G	0.244
BD-11-00-SL							15.4	G	1.8	562	G	36.4	-1.09	U,G	2.09	-0.0225	U,G	0.245
BD-12-00-SL	0.00305	U	0.0117	0.00794	LT	0.0054	12.2	G	4.23	49.3	G,TI	47.5	0.244	U,G	2.3	0.0216	U,G	0.305
BP-01-00-SL							14	G	3.66	3.1	U,G	40.7	0.251	U,G	1.99	0.0419	U,G	0.295
BP-02-00-SL							12.8	G	1.74	7.43	U,G	27.8	0	U,G	1.04	0.0575	U,G	0.163
BP-03-00-SL	0.00714	U	0.0173	0.00706	LT	0.0064	18.6	G	2.2	31.1	G,TI	22	-0.399	U,G	1.53	0.0461	U,G	0.209
BP-04-00-SL	-0.00097	U	0.0123	0.00207	U	0.0056	11.8	G	1.75	3.22	U,G	25.6	0.207	U,G	1.43	0.0119	U,G	0.199
BP-05-00-SL							19	G	1.61	9.9	U,G	22.4	-0.497	U,G	1.36	0.0955	U,G	0.169
BP-06-00-SL							17.6	G	1.47	7.74	U,G	21.9	-0.202	U,G	1.47	0.0386	U,G	0.167
BP-07-00-SL	-0.00394	U	0.0224	0.00676	U	0.0223	18.4	G	1.6	41.5	G	23	1.08	U,G	1.23	-0.0835	U,G	0.294
BP-08-00-SL							18.8	G	3.14	-7.7	U,G	44.5	0.538	U,G	3.53	-0.196	U,G	0.449
BP-09-00-SL							18.7	G	1.71	4.39	U,G	25.8	0.189	U,G	1.56	-0.0267	U,G	0.236
BP-10-00-SL							16.6	G	1.93	1.36	U,G	26.4	0.122	U,G	1.33	0.0455	U,G	0.194
BP-11-00-SL							18.3	G	1.75	13.5	U,G	32.2	-0.166	U,G	1.86	0.0436	U,G	0.264
BP-12-00-SL							17.7	G	1.97	12.1	U,G	28.8	0.301	U,G	1.27	0.029	U,G	0.239
CB-01-00-SL	-0.00106	U	0.0137	0.00163	U	0.0123	17.8	=	3.06	15.9	UJ	45.8	-0.119	UJ	2.16	-0.0342	UJ	0.25
CB-01-00-SL-FD							14.4	=	3.74	16.9	UJ	49	-0.115	UJ	2.09	-0.0174	UJ	0.284
DM-01-00-SL							9.01	G	4.88	0	U,G	76.9	-0.447	U,G	5.21	0	U,G	0.699
DM-02-00-SL							5	G	1.84	2200	G	37.1	-0.376	U,G	3.6	0.0765	U,G	0.361
EP-01-00-SL							2.61	U,G	2.9	160	G	38.3	0.202	U,G	2.09	-0.0175	U,G	0.263
EP-02-00-SL	0.0222	LT	0.0159	0.0297	LT	0.0129	10.3	G	3.47	70.1	G	65.4	-0.689	U,G	2.94	-0.0747	U,G	0.415
EP-03-00-SL	0.00455	U	0.0062	0.00004	U	0.0166	21	G	1.36	30.5	G	28.4	0.265	U,G	1.22	0.0809	U,G	0.147
EP-04-00-SL							3.99	U,G	4.47	731	G	72.5	-1.23	U,G	4.34	-0.0555	U,G	0.608
EP-04-00-SL-FD							5.28	G	2.03	936	G	32	0.564	U,G	2.66	0	U,G	0.317
EP-05-00-SL							23.7	G	1.52	125	G	27.3	-1.01	U,G	1.76	0.00382	U,G	0.27
EP-06-00-SL							6.03	G	3.62	39.6	U,G	62.2	-0.137	U,G	2.58	0	U,G	0.394
EP-07-00-SL							10	G	4.13	19.8	U,G	47.7	-0.328	U,G	3.3	0.149	U,G	0.497
EP-08-00-SL							7.29	G	2.61	44.4	G,TI	43	0.108	U,G	1.72	0.0377	U,G	0.342
EP-09-00-SL	0.00575	U	0.0134	0.00798	U	0.0133	15.6	G	5.49	8.88	U,G	74	0	U,G	2.92	-0.0333	U,G	0.529
EP-10-00-SL	-0.00106	U	0.0133	0.0045	U	0.0061	6.14	G	3.96	354	G	46.1	-0.436	U,G	2.73	-0.154	U,G	0.433
EP-11-00-SL	-0.00328	U	0.0192	0.0105	U	0.0137	10.8	G	4.57	39.4	U,G	61.8	-0.363	U,G	3.54	0.0988	U,G	0.432
EP-12-00-SL	0.00337	U	0.013	0.00453	U	0.0158	6.15	G	3.9	29.8	U,G	51.4	-0.231	U,G	2.32	0.204	U,G	0.324
GS-01-00-SL							21.3	G	3.73	-3.6	U,G	42.7	-0.663	U,G	2.14	-0.0645	U,G	0.33
GS-01-00-SL-FD							20.7	G	3.08	-15.5	U,G	39.6	0.17	U,G	2.02	-0.126	U,G	0.298
GS-02-00-SL							19.4	G	2.27	-3.75	U,G	41	-0.16	U,G	1.71	0	U,G	0.279
GS-03-00-SL							10.9	G	1.69	-1.71	U,G	31	-0.219	U,G	1.47	0	U,G	0.153
GS-04-00-SL							19.4	G	1.64	4.75	U,G	28.5	-0.0745	U,G	1.57	0.0336	U,G	0.207
GS-05-00-SL							15.3	G	2.16	5.09	U,G	26.9	0.0726	U,G	1.09	-0	U,G	0.245
LF-01-00-SL							8.99	G	4.61	-3.75	U,G	62.4	0.465	U,G	2.33	0.169	U,G	0.423
LF-02-00-SL							7.64	G	2.93	14.4	U,G	32.1	0.113	U,G	1.81	0.00391	U,G	0.238
LF-03-00-SL							8.4	G	3.68	19.7	U,G	48.4	0	U,G	2.65	0	U,G	0.369
LF-04-00-SL							13.3	G	3.86	-8.12	U,G	42.9	-0.237	U,G	2.39	0	U,G	0.291
LF-05-00-SL							11.3	G	3.24	-6.36	U,G	47.8	-0.659	U,G	2.19	0.0478	U,G	0.359
NB-01-00-SL							14.1	G	1.57	-8.89	U,G	31.6	0.0665	U,G	1.42	-0.106	U,G	0.232
NB-02-00-SL							9.79	G	2	1.76	U,G	23.1	-0.454	U,G	1.52	0	U,G	0.2
NB-03-00-SL	0	U	0.0061	0.0334	LT	0.006	12.8	G	1.58	-2.03	U,G	25.7	0.108	U,G	1.47	0.0671	U,G	0.186

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Plutonium 238 (A)			Plutonium 239/240 (A)			Potassium-40			Protactinium-234			Ruthenium-106			Scandium 46		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-04-00-SL							23.6	G	2.02	6.23	U,G	27.3	0.571	U,G	1.58	0.0944	U,G	0.23
NB-05-00-SL							21.2	G	3.96	7.66	U,G	42.1	0.268	U,G	2.31	-0.0364	U,G	0.353
NB-06-00-SL	-0.00169	U	0.0189	0.0155	LT	0.0133	17.2	G	2.37	6.18	U,G	26	0.228	U,G	1.63	-0.0507	U,G	0.239
NB-07-00-SL							17.3	G	2.89	2.12	U,G	33.7	-0.272	U,G	1.88	-0.0157	U,G	0.274
NB-07-00-SL-FD							19.8	G	2.76	1.37	U,G	27.2	0.0091	U,G	1.63	-0.0517	U,G	0.246
NB-08-00-SL							19.1	G	2.26	-7.93	U,G	34.7	-0.283	U,G	1.63	0.0439	U,G	0.167
NB-09-00-SL							18.3	G	2.42	-8.07	U,G	32.5	-0.288	U,G	1.54	-0.0532	U,G	0.241
NB-10-00-SL							16.6	G	1.84	-0.143	U,G	29.4	0.463	U,G	1.69	-0.0511	U,G	0.236
NB-11-00-SL	-0.00102	U	0.0128	0.012	U	0.0127	17.2	G	1.63	14.5	U,G	25.8	-0.464	U,G	1.55	-0.0357	U,G	0.224
NB-12-00-SL	-0.00081	U	0.0166	0.00712	U	0.0119	14	G	2.46	5.63	U,G	29.8	0.401	U,G	1.71	-0.0556	U,G	0.242
NB-13-00-SL							17.8	G	1.92	-11	U,G	31	0.0886	U,G	1.68	0.0294	U,G	0.226
NB-14-00-SL	-0.00086	U	0.0109	-0.00173	U	0.0133	16.8	G	3.34	8.28	U,G	41.9	-0.872	U,G	2.56	-0.143	U,G	0.348
NB-15-00-SL							17.6	G	1.54	-1.26	U,G	23.7	-0.561	U,G	1.26	-0.0753	U,G	0.206
NB-16-00-SL							21.2	G	1.74	-4.01	U,G	25.2	0.299	U,G	1.28	-0.0464	U,G	0.24
NB-17-00-SL							18.5	G	2.16	3.05	U,G	24.2	0.613	U,G	1.41	0.0448	U,G	0.179
NB-18-00-SL							17.9	G	2.45	5.89	U,G	24.2	-0.426	U,G	1.64	-0.0435	U,G	0.274
NB-19-00-SL							17.3	G	1.23	-2.43	U,G	21.6	-0.0335	U,G	1.4	0.00181	U,G	0.217
NB-20-00-SL							14.7	G	1.87	1.67	U,G	33.6	0.423	U,G	0.995	-0.047	U,G	0.229
NB-21-00-SL							17.1	G	1.73	-1.62	U,G	24.3	0.208	U,G	1.1	0.012	U,G	0.217
NB-22-00-SL							14.6	G	2.35	0	U,G	40.4	0.344	U,G	1.93	-0.0744	U,G	0.299
NB-23-00-SL	0	U	0.0047	0.00697	U	0.0124	15.2	G	1.58	-2.95	U,G	26.3	-0.0815	U,G	1.58	-0.011	U,G	0.204
NB-24-00-SL							12.9	G	2.06	5.2	U,G	22.7	-0.581	U,G	1.4	-0.0789	U,G	0.209
NB-25-00-SL							11	G	1.59	5.43	U,G	21.6	0.0585	U,G	1.58	-0.026	U,G	0.234
NB-26-00-SL							10.1	G	1.65	2.5	U,G	16.4	-0.168	U,G	1.23	-0.00287	U,G	0.135
NB-27-00-SL							12.9	G	3	15	U,G	27.9	-0.618	U,G	1.96	-0	U,G	0.252
NB-27-00-SL-FD							14.3	G	2.85	-9.88	U,G	46.5	0.324	U,G	2.11	-0.0187	U,G	0.325
OA-01-00-SL	-0.0001	U	0.0161	0.0144	LT	0.0113	6.41	J	4.62	25.3	UJ	47.4	0.436	UJ	2.31	-0.143	UJ	0.398
OA-01-00-SL-FD							5.43	J	3.52	40	J	28.3	0.49	UJ	1.78	-0.036	UJ	0.221
OA-02-00-SL	0.00022	U	0.016	0.00503	U	0.0151	13	=	3.77	22.9	UJ	60.5	1.53	UJ	2.67	0.176	UJ	0.302
OA-03-00-SL							16	=	3.01	10.3	UJ	42.8	-0.749	UJ	2.15	-0.0103	UJ	0.321
OA-04-00-SL							16.8	G	2.09	1010	G	37.2	0.252	U,G	2.27	-0.0163	U,G	0.242
OA-05-00-SL							22.4	G	2.21	11.6	U,G	32.4	1.15	U,G	1.23	-0.0137	U,G	0.257
OA-06-00-SL							18.5	G	1.43	5.83	U,G	24.6	0.436	U,G	1.31	0.018	U,G	0.22
OA-07-00-SL	0	U	0.006	0.00113	U	0.0132	17	G	1.76	8.84	U,G	25.7	1.43	G,TI	1.35	0.00795	U,G	0.235
OA-08-00-SL	0.00128	U	0.015	0.00629	U	0.015	15.8	G	1.77	94.8	G	25.8	0.737	U,G	1.24	-0.0375	U,G	0.196
OA-09-00-SL							10.8	G	2.1	0.862	U,G	34.1	0.0663	U,G	1.41	-0.0563	U,G	0.24
OA-10-00-SL							14.7	G	3.21	15.1	U,G	27	-0.11	U,G	2	0.095	U,G	0.249
OA-11-00-SL	-0.00175	U	0.0135	0.00844	U	0.011	9.06	G	3.02	5.58	U,G	47.2	-0.551	U,G	2.59	0.116	U,G	0.233
OA-12-00-SL							10.4	G	3.83	-8.87	U,G	51.5	0.13	U,G	2.35	0.0224	U,G	0.355
OA-13-00-SL							14.1	G	3.02	2.92	U,G	35	-0.894	U,G	2.49	0.0221	U,G	0.368
OA-14-00-SL							12.9	G	3.18	8.84	U,G	44.3	1.03	U,G	1.55	-0.134	U,G	0.372
OA-15-00-SL							12.2	G	2.84	15.9	U,G	49.9	-0.512	U,G	2.87	0.135	U,G	0.27
OA-16-00-SL	0	U	0.0054	0.00203	U	0.0145	13.7	G	3.78	0	U,G	37.2	0	U,G	1.77	-0.0597	U,G	0.278
OA-20-00-SL							6.44	G	3.01	-10.1	U,G	40	-0.324	U,G	2.11	0.124	U,G	0.234
OA-21-00-SL							3.13	U,G	3.23	14.1	U,G	44.2	-0.297	U,G	2.17	0.0174	U,G	0.246
OA-22-00-SL	-0.00105	U	0.0128	0.00322	U	0.0127	0.418	U	2.04	17.1	U	27.1	-0.224	U	1.36	-0.0129	U	0.205
OA-23-00-SL							1.13	U	2.07	46.1		18.2	0.241	U	1.51	-0.0695	U	0.232

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Plutonium 238 (A)			Plutonium 239/240 (A)			Potassium-40			Protactinium-234			Ruthenium-106			Scandium 46		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
OA-24-00-SL							13	G	3.41	2.51	U,G	49.8	0.108	U,G	2.23	0	U,G	0.3
OA-25-00-SL							4.88	G	2.88	-2.46	U,G	36	0.897	U,G	1.69	-0.193	U,G	0.32
OA-26-00-SL	0.00118	U	0.0131	0.00338	U	0.013	1.29	U	2.4	227		37.1	-0.365	U	2.45	0.016	U	0.254
OA-27-00-SL							14.8	G	1.86	-1.55	U,G	29.2	0	U,G	1.41	0.023	U,G	0.216
OA-28-00-SL							20.7	G	1.67	1.38	U,G	27.7	-0.182	U,G	1.46	0.0245	U,G	0.19
OA-29-00-SL							19.1	G	1.65	0.117	U,G	26	-0.0307	U,G	1.25	0.0499	U,G	0.185
OA-30-00-SL							19.6	G	2.33	5.78	U,G	37.6	0.163	U,G	1.48	-0.0407	U,G	0.226
OA-31-00-SL							18.9	G	1.87	14	U,G	18.4	0.372	U,G	1.28	-0.076	U,G	0.188
OA-32-00-SL							19.2	G	1.75	17	U,G	25.9	-0.652	U,G	1.6	-0.011	U,G	0.192
OA-33-00-SL							17.2	G	1.91	1.44	U,G	28	-0.127	U,G	1.35	0	U,G	0.167
OA-34-00-SL							15.3	G	1.68	0	U,G	23	-0.248	U,G	1.28	0.0507	U,G	0.157
OA-35-00-SL							15.3	G	3.22	2.08	U,G	39.5	-0.846	U,G	2.34	-0.0754	U,G	0.32
OA-36-00-SL							16.1	G	1.76	-1.9	U,G	31.6	0.407	U,G	1.64	0.0144	U,G	0.239
OA-37-00-SL	-0.00263	U	0.0171	0.00872	LT	0.0059	22.1	G	2.86	14.1	U,G	44.3	0	U,G	2.49	-0.0399	U,G	0.362
OA-38-00-SL							18.8	G	1.65	9.15	U,G	26.6	-0.729	U,G	1.78	-0.0649	U,G	0.261
OA-39-00-SL							16.4	G	1.62	-6.82	U,G	28.3	0.184	U,G	1.23	0.00209	U,G	0.184
OA-40-00-SL							15.2	G	2.17	3.5	U,G	33	-0.301	U,G	1.77	0.0398	U,G	0.241
PL-01-00-SL	0.00306	U	0.0138	0.00826	U	0.017	22.5	G	1.68	11.3	U,G	23.1	0.0162	U,G	1.72	0.0715	U,G	0.167
PL-02-00-SL							15.3	G	1.92	-5.78	U,G	35	-0.58	U,G	1.9	-0.0292	U,G	0.265
PL-03-00-SL							21.6	G	1.44	9.56	U,G	24.3	-0.553	U,G	1.71	0.0616	U,G	0.201
RR-01-00-SL	0.00008	U	0.0198	0.00008	U	0.0197	15.6	=	4.89	486	=	60.1	1.49	UJ	3.09	-0.139	UJ	0.451
RR-02-00-SL							14.4	=	3.38	2.65	UJ	37.3	0.882	UJ	1.75	0.0986	UJ	0.233
RR-03-00-SL							19.9	=	4.91	28.5	UJ	43.8	-0.49	UJ	3.39	0.0268	UJ	0.378
SW-01-00-SL	0.00019	U	0.0139	0.00916	U	0.0102	14.1	=	2.84	22.5	UJ	36.8	-0.351	UJ	2.42	-0.0541	UJ	0.317
SW-02-00-SL							13.4	=	4.32	83.1	J	47.1	0	UJ	3.75	0.0577	UJ	0.406
SW-03-00-SL							11.2	=	4.03	-5.23	UJ	43.6	0.327	UJ	1.9	0.0713	UJ	0.295
SW-04-00-SL							17.7	=	5.37	-4.32	UJ	68.6	-0.174	UJ	3.03	0	UJ	0.373
LS-01-00-SL							1.79	U	2.4	17.6	U	26.4	0.214	U	1.49	-0.0179	U	0.202
LS-02-00-SL							0.398	U	1.95	-3.26	U	31.8	-0.5	U	1.44	-0.0247	U	0.162
LS-03-00-SL							14.3	G	1.68	11.3	U,G	23.1	-1.3	U,G	1.8	0.0111	U,G	0.206

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Silver-110			Sodium-22			Technetium-99			Thallium-208			Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-09-00-SL	0.0571	U,G	0.137	-0.0341	U,G	0.205	86.9		0.743	0.106	U,G	0.259	-0.0672	U,G	0.976						
BD-10-00-SL	-0.0382	U,G	0.225	-0.0231	U,G	0.186	176	M3	3.28	0.267	G	0.182	0.106	U,G	1.83						
BD-11-00-SL	-0.0391	U,G	0.2	-0.0104	U,G	0.182	19	M3	5.79	0.395	G	0.181	-0.366	U,G	1.22						
BD-12-00-SL	0	U,G	0.305	-0.0375	U,G	0.371	574		0.853	0.216	U,G	0.322	-0.786	U,G	2.19						
BP-01-00-SL	-0.00886	U,G	0.298	-0.0236	U,G	0.333	0.593	U	0.797	0.0599	U,G	0.334	-0.469	U,G	1.12						
BP-02-00-SL	0.0312	U,G	0.14	-0.00728	U,G	0.153	1.13	LT	1.13	0.204	G	0.16	-3.28	U,G	19.2						
BP-03-00-SL	-0.0274	U,G	0.159	-0.0234	U,G	0.186	8.83		0.898	0.323	G	0.168	-0.178	U,G	1.12						
BP-04-00-SL	0.0372	U,G	0.147	-0.0727	U,G	0.22	68.3		0.855	0.256	G	0.179	0.184	U,G	0.865						
BP-05-00-SL	-0.0125	U,G	0.147	-0.0273	U,G	0.168	2.81	LT	0.897	0.338	G	0.161	-0.0392	U,G	1						
BP-06-00-SL	-0.104	U,G	0.171	-0.0423	U,G	0.22	6.36		0.809	0.418	G	0.126	-0.5	U,G	1						
BP-07-00-SL	-0.0935	U,G	0.229	-0.137	U,G	0.277	26.3		0.977	0.519	G	0.17	0.178	U,G	0.914						
BP-08-00-SL	0.24	U,G	0.359	0.0151	U,G	0.348	0.0335	U	0.792	12.1	G	0.343	21.5	U,G	64.3						
BP-09-00-SL	0.00591	U,G	0.155	0.0859	U,G	0.125	0.495	U	0.819	0.412	G	0.176	-0.165	U,G	1.15						
BP-10-00-SL	0.0551	U,G	0.147	-0.0669	U,G	0.233	0.546	U	0.886	0.365	G	0.122	0.473	U,G	0.975						
BP-11-00-SL	-0.0507	U,G	0.234	-0.0145	U,G	0.274	0.295	U	0.81	0.392	G	0.195	-0.276	U,G	1.14						
BP-12-00-SL	-0.0199	U,G	0.172	-0.0408	U,G	0.191	0.175	U	0.828	0.368	G	0.174	0.231	U,G	0.688						
CB-01-00-SL	-0.086	UJ	0.235	0	UJ	0.235	5.15	=	0.85	0.468	=	0.194	-3	UJ	2.57						
CB-01-00-SL-FD	-0.0642	UJ	0.25	0.0104	UJ	0.289	5.23	=	0.876	0.267	U	0.304	0.156	UJ	0.851						
DM-01-00-SL	0.109	U,G	0.628	-0.0554	U,G	0.59	35.8	M3	6.2	10.4	G	0.523	24.1	U,G	79.7						
DM-02-00-SL	0.101	U,G	0.368	0.0278	U,G	0.208	154	M3	6.61	-0.0452	U,G	0.401	0.747	U,G	2.51						
EP-01-00-SL	0	U,G	0.276	-0.0343	U,G	0.242	183		0.839	0.695	G	0.197	1.9	G	1.35						
EP-02-00-SL	0.0492	U,G	0.353	-0.102	U,G	0.336	219	M3	3.32	0.457	G	0.279	1.33	U,G	1.57						
EP-03-00-SL	-0.018	U,G	0.147	-0.0834	U,G	0.197	17.2		0.841	0.348	G	0.176	0.187	U,G	0.713						
EP-04-00-SL	-0.286	U,G	0.627	-0.0857	U,G	0.453	189	M3	6.37	1.07	G	0.451	-7.51	U,G	52.9						
EP-04-00-SL-FD	-0.174	U,G	0.306	-0.0222	U,G	0.217	207	M3	6.29	1.26	G	0.274	0.817	U,G	1.18						
EP-05-00-SL	-0.13	U,G	0.2	-0.0232	U,G	0.22	5.24		0.855	0.374	G	0.156	-0.394	U,G	0.852						
EP-06-00-SL	-0.0606	U,G	0.351	-0.102	U,G	0.381	51		0.866	0.355	G	0.285	0.791	U,G	1.54						
EP-07-00-SL	0.218	G,TI	0.216	-0.183	U,G	0.531	23.5		0.909	0.269	U,G	0.338	0.3	U,G	1.37						
EP-08-00-SL	-0.0985	U,G	0.269	0	U,G	0.241	3420		0.87	0.177	U,G	0.263	-0.0362	U,G	1.02						
EP-09-00-SL	-0.376	U,G	0.57	-0.0682	U,G	0.447	111		1.4	0.461	G	0.32	1.06	U,G	1.58						
EP-10-00-SL	-0.149	U,G	0.366	0.0862	U,G	0.201	17100	M3	6.24	0.0959	U,G	0.286	-0.322	U,G	1.79						
EP-11-00-SL	-0.249	U,G	0.479	-0.0336	U,G	0.505	112	M3	3.27	0.151	U,G	0.338	-0.332	U,G	2	0.9		0.0919	1.07		0.0931
EP-12-00-SL	-0.355	U,G	0.422	-0.0101	U,G	0.329	59.9		1.25	0.256	G	0.227	0.619	U,G	1.43						
GS-01-00-SL	-0.00357	U,G	0.286	-0.103	U,G	0.33	0.431	U	1.04	0.042	U,G	0.226	-0.751	U,G	1.35						
GS-01-00-SL-FD	-0.042	U,G	0.303	0.0319	U,G	0.249	-0.429	U	1.02	0.142	U,G	0.179	-2.03	U,G	2						
GS-02-00-SL	0.0182	U,G	0.309	-0.0564	U,G	0.224	0.385	U	0.823	0.223	G	0.187	0.295	U,G	1.02						
GS-03-00-SL	-0.0758	U,G	0.197	0.0128	U,G	0.154	-0.0783	U	0.941	0.167	G	0.156	-0.391	U,G	0.729						
GS-04-00-SL	0.015	U,G	0.252	-0.0444	U,G	0.22	0.0157	U	1.15	0.463	G	0.167	0.0471	U,G	0.994						
GS-05-00-SL	-0.137	U,G	0.248	-0.0255	U,G	0.192	0.326	U	0.993	0.176	G	0.175	0.0486	U,G	0.911						
LF-01-00-SL	-0.111	U,G	0.333	-0.0288	U,G	0.456	5.49		0.84	0.145	U,G	0.299	-0.33	U,G	1.62						
LF-02-00-SL	0.0694	U,G	0.147	0.107	U,G	0.241	0.902	LT	0.836	0.071	U,G	0.164	-0.64	U,G	1.12						
LF-03-00-SL	-0.03	U,G	0.272	0.0289	U,G	0.4	1.56	LT	0.866	0.102	U,G	0.305	-0.423	U,G	2.02						
LF-04-00-SL	-0.0944	U,G	0.271	-0.101	U,G	0.351	2.38	LT	1.02	0.188	U,G	0.216	-0.437	U,G	1.51						
LF-05-00-SL	0.032	U,G	0.244	0.0488	U,G	0.344	12.3		0.785	0.376	G	0.27	0.0401	U,G	1.2						
NB-01-00-SL	0.0678	U,G	0.131	-0.0207	U,G	0.193	0.807	U	1.09	0.126	U,G	0.146	0.328	U,G	1.04						
NB-02-00-SL	-0.0237	U,G	0.201	0	U,G	0.159	0.158	U	0.865	0.054	U,G	0.192	-0.0252	U,G	0.991	0.316		0.0704	0.415		0.0811
NB-03-00-SL	-0.0327	U,G	0.251	0.0271	U,G	0.211	0.891	U	1.01	0.144	U,G	0.165	0.255	U,G	0.892						

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Silver-110			Sodium-22			Technetium-99			Thallium-208			Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-04-00-SL	-0.0549	U,G	0.241	-0.0863	U,G	0.264	0.952	U	2.44	0.614	G	0.203	-0.4	U,G	0.937						
NB-05-00-SL	-0.0303	U,G	0.267	-0.134	U,G	0.373	0.154	U	1.3	0.264	G	0.214	-1.17	U,G	1.6						
NB-06-00-SL	-0.115	U,G	0.339	0.0132	U,G	0.233	-0.0905	U	0.888	0.251	G	0.209	0.0776	U,G	0.831	1.06		0.0965	1.09		0.0924
NB-07-00-SL	-0.0837	U,G	0.29	-0.016	U,G	0.253	0.377	U	0.858	0.332	G	0.185	0.212	U,G	0.893						
NB-07-00-SL-FD	-0.212	U,G	0.254	-0.101	U,G	0.266	-0.241	U	0.877	0.498	G	0.143	0.155	U,G	1.03						
NB-08-00-SL	0.04	U,G	0.151	0.0268	U,G	0.186	-0.293	U	0.837	0.404	G	0.184	-0.15	U,G	0.926						
NB-09-00-SL	-0.057	U,G	0.243	0.0107	U,G	0.229	0.452	U	0.926	0.382	G	0.212	0.536	U,G	0.741						
NB-10-00-SL	0.0342	U,G	0.248	-0.00844	U,G	0.211	0.148	U	0.903	0.343	G	0.17	-0.134	U,G	1.29						
NB-11-00-SL	0.0152	U,G	0.123	0.149	G,TI	0.082	12.7		1.09	0.34	G	0.179	-4.39	U,G	21.5						
NB-12-00-SL	0.0114	U,G	0.198	-0.0423	U,G	0.246	0.407	U	0.946	0.455	G	0.191	0.617	U,G	1.06						
NB-13-00-SL	-0.0219	U,G	0.25	-0.0657	U,G	0.222	1.2	LT	1.01	0.384	G	0.174	0.275	U,G	1.02						
NB-14-00-SL	-0.1	U,G	0.293	-0.0731	U,G	0.294	7.43	M3	3.31	0.293	G	0.237	-1.95	U,G	2.44	1.02		0.0637	1.05		0.0889
NB-15-00-SL	0.0254	U,G	0.11	-0.0415	U,G	0.204	1.81	LT	1.05	0.399	G	0.138	0.0597	U,G	0.892						
NB-16-00-SL	-0.0135	U,G	0.144	-0.0816	U,G	0.204	-0.135	U	0.892	0.454	G	0.139	-1.71	U,G	14						
NB-17-00-SL	-0.0385	U,G	0.181	-0.0313	U,G	0.188	-0.166	U	0.836	0.41	G	0.154	0.337	U,G	1.07						
NB-18-00-SL	0.0225	U,G	0.169	0.0406	U,G	0.188	0.401	U	0.834	0.297	G	0.185	-0.101	U,G	0.848						
NB-19-00-SL	0.0182	U,G	0.216	0.0127	U,G	0.142	0.774	U	0.85	0.38	G	0.128	-3.05	U,G	20.4						
NB-20-00-SL	0.0877	U,G	0.237	-0.0375	U,G	0.227	0.24	U	0.822	0.462	G	0.166	0.239	U,G	0.673						
NB-21-00-SL	0.0432	U,G	0.16	-0.0974	U,G	0.273	0.0628	U	0.808	0.262	G	0.136	0.0463	U,G	1.03						
NB-22-00-SL	-0.0586	U,G	0.225	-0.0454	U,G	0.227	2.34	U	2.5	0.261	G	0.193	-0	U,G	1.08						
NB-23-00-SL	-0.0221	U,G	0.263	0.0146	U,G	0.182	0.289	U	0.919	0.327	G	0.14	-0.0928	U,G	1.12						
NB-24-00-SL	0.0197	U,G	0.174	0.0545	U,G	0.109	0.401	U	0.918	0.337	G	0.116	-0.144	U,G	0.631						
NB-25-00-SL	-0.00756	U,G	0.248	-0.056	U,G	0.222	0.818	U	0.92	0.144	G	0.137	-0.0476	U,G	0.95						
NB-26-00-SL	0.0254	U,G	0.149	-0.0533	U,G	0.155	0.509	U	0.876	0.1	U,G	0.127	0	U,G	0.597						
NB-27-00-SL	-0.184	U,G	0.319	-0.0424	U,G	0.224	-0.147	U	1.18	0.138	U,G	0.166	-1.97	U,G	2.06						
NB-27-00-SL-FD	-0.0491	U,G	0.195	0.0368	U,G	0.241	0.361	U	1.09	0.154	U,G	0.23	0.145	U,G	0.94						
OA-01-00-SL	-0.0123	UJ	0.383	0.0275	UJ	0.255	10.3	=	1.04	0.191	UJ	0.31	-0.182	UJ	1.12						
OA-01-00-SL-FD	0.0564	UJ	0.24	0.0316	UJ	0.171	0.55	U	0.795	0.176	U	0.191	0.13	UJ	1.14						
OA-02-00-SL	-0.00216	UJ	0.311	0.029	UJ	0.348	7.39	=	0.864	0.336	J	0.302	-0.432	UJ	1.71						
OA-03-00-SL	-0.155	UJ	0.276	0.0918	UJ	0.187	0.396	UJ	0.98	0.224	U	0.255	0.249	UJ	1.36						
OA-04-00-SL	-0.0284	U,G	0.362	-0.0794	U,G	0.237	0.588	U	0.859	0.332	G	0.28	-308	U,G	509						
OA-05-00-SL	0.0602	U,G	0.202	-0.0727	U,G	0.253	0.451	U	0.844	0.348	G	0.206	0.111	U,G	0.839						
OA-06-00-SL	-0.0185	U,G	0.16	0.0198	U,G	0.197	0.41	U	0.792	0.462	G	0.146	-0.105	U,G	0.94						
OA-07-00-SL	0.0347	U,G	0.15	-0.0368	U,G	0.248	1.59	LT	0.839	0.365	G	0.142	-0.0936	U,G	0.734						
OA-08-00-SL	0.0208	U,G	0.148	0.0212	U,G	0.178	58.1		0.996	0.259	G	0.142	0.0434	U,G	0.765						
OA-09-00-SL	-0.142	U,G	0.215	-0.117	U,G	0.262	0.695	U	0.855	0.317	G	0.143	0.296	U,G	1.36						
OA-10-00-SL	-0.0375	U,G	0.198	-0.0187	U,G	0.225	20.8		0.853	0.389	G	0.203	-0.184	U,G	0.974						
OA-11-00-SL	0.0126	U,G	0.244	0.0194	U,G	0.266	53		0.81	0.153	U,G	0.256	0.639	U,G	1.52						
OA-12-00-SL	-0.0294	U,G	0.296	0.066	U,G	0.31	1.64	LT	0.819	0.305	G	0.231	-0.651	U,G	1.54						
OA-13-00-SL	0	U,G	0.242	0.109	U,G	0.306	5.85		0.957	0.461	G	0.243	0.257	U,G	0.96						
OA-14-00-SL	0	U,G	0.344	0	U,G	0.366	12.4		0.887	0.349	G	0.24	0.389	U,G	0.97						
OA-15-00-SL	-0.0437	U,G	0.302	-0.0563	U,G	0.454	8.22		1.02	0.139	U,G	0.317	-0.33	U,G	1.87						
OA-16-00-SL	-0.0242	U,G	0.228	-0.0373	U,G	0.346	21.3		0.871	0.243	U,G	0.246	0.137	U,G	1.41						
OA-20-00-SL	0.0123	U,G	0.205	0.0912	U,G	0.186	52.6		0.823	0.0184	U,G	0.252	-0.105	U,G	1.46						
OA-21-00-SL	-0.0677	U,G	0.241	-0.00436	U,G	0.262	640		0.767	0.0572	U,G	0.219	0.468	U,G	1.23						
OA-22-00-SL	0.017	U	0.135	0.0254	U	0.137	691		0.781	0.0489	U	0.137	-0.0752	U	0.589						
OA-23-00-SL	-0.0639	U	0.189	-0.041	U	0.179	189		0.804	0.161		0.147	-0.162	U	0.94						

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Silver-110			Sodium-22			Technetium-99			Thallium-208			Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
OA-24-00-SL	0.0734	U,G	0.213	0.113	U,G	0.26	13.1		1	0.127	U,G	0.302	-0.3	U,G	1.7						
OA-25-00-SL	0.0648	U,G	0.19	0.0234	U,G	0.237	87.6		0.844	0.107	U,G	0.149	-0.029	U,G	1.03						
OA-26-00-SL	-0.0934	U	0.27	-0.0641	U	0.293	109	M3	3.08	-0.0306	U	0.268	-0.558	U	1.33						
OA-27-00-SL	-0.0283	U,G	0.2	-0.0467	U,G	0.185	0.223	U	0.854	0.22	G	0.121	0.244	U,G	0.873						
OA-28-00-SL	-0.00683	U,G	0.168	-0.0493	U,G	0.178	0.928	LT	0.81	0.396	G	0.16	-0.172	U,G	16.7						
OA-29-00-SL	-0.0864	U,G	0.195	-0.119	U,G	0.246	0.907	LT	0.806	0.513	G	0.109	-0.111	U,G	1.06						
OA-30-00-SL	-0.114	U,G	0.268	-0.13	U,G	0.272	0.145	U	0.805	0.345	G	0.189	0.11	U,G	0.822						
OA-31-00-SL	-0.0627	U,G	0.181	-0.0113	U,G	0.198	0.154	U	0.831	0.352	G	0.15	-0.0445	U,G	1.03						
OA-32-00-SL	-0.076	U,G	0.207	-0.019	U,G	0.19	0.333	U	0.807	0.41	G	0.137	0.177	U,G	1						
OA-33-00-SL	-0.107	U,G	0.192	0.0105	U,G	0.194	0.437	U	0.882	0.229	G	0.169	0.0681	U,G	0.893						
OA-34-00-SL	-0.14	U,G	0.204	0.0173	U,G	0.21	0.9	U	0.919	0.272	G	0.148	0.262	U,G	0.846						
OA-35-00-SL	-0.12	U,G	0.284	0.0827	U,G	0.228	1.57	LT	0.969	0.157	U,G	0.175	-1.92	U,G	2.25						
OA-36-00-SL	0.0556	U,G	0.23	0.0143	U,G	0.201	1.39	LT	0.877	0.251	G	0.192	0.786	U,G	1.03						
OA-37-00-SL	-0.168	U,G	0.406	0.015	U,G	0.385	0.278	U	0.82	0.416	G	0.292	0.317	U,G	1.51	1.21		0.0806	1.2		0.0751
OA-38-00-SL	0.0234	U,G	0.256	-0.0439	U,G	0.21	0.929	U	0.934	0.349	G	0.167	-0.122	U,G	1.14						
OA-39-00-SL	0.0486	U,G	0.14	-0.0603	U,G	0.186	1.45	LT	0.908	0.249	G	0.14	0.0864	U,G	1.02						
OA-40-00-SL	-0.0589	U,G	0.192	0.0132	U,G	0.209	0.703	U	0.859	0.315	G	0.179	0.376	U,G	0.924						
PL-01-00-SL	-0.0111	U,G	0.178	-0.105	U,G	0.269	37.9		0.858	0.338	G	0.141	0.138	U,G	1.02						
PL-02-00-SL	-0.166	U,G	0.284	0.0145	U,G	0.242	1.58	LT	0.926	0.29	G	0.167	0.11	U,G	1.16						
PL-03-00-SL	-0.00688	U,G	0.226	-0.0228	U,G	0.221	2.96	LT	1.04	0.381	G	0.14	0.622	U,G	0.792						
RR-01-00-SL	-0.192	UJ	0.494	0.0569	UJ	0.373	14.9	=	0.802	0.63	=	0.372	-273	UJ	489						
RR-02-00-SL	-0.0356	UJ	0.24	-0.0296	UJ	0.274	1.76	=	0.881	0.221	U	0.281	0.403	UJ	1.3						
RR-03-00-SL	-0.134	UJ	0.346	0	UJ	0.463	0.179	UJ	0.82	0.316	U	0.327	-0.409	UJ	1.79						
SW-01-00-SL	-0.117	UJ	0.279	-0.0314	UJ	0.29	22.3	=	0.865	0.189	U	0.248	0.0388	UJ	1.43						
SW-02-00-SL	-0.0396	UJ	0.457	0.0996	UJ	0.468	18.4	=	0.81	0.613	=	0.319	0.716	UJ	2.1						
SW-03-00-SL	-0.0474	UJ	0.26	-0.0565	UJ	0.345	0.808	U	0.81	0.207	J	0.204	0.108	UJ	0.869						
SW-04-00-SL	-0.213	UJ	0.531	0.0656	UJ	0.305	0.366	UJ	0.823	0.3	J	0.296	-0.163	UJ	2.01						
LS-01-00-SL	-0.0453	U	0.145	-0.0272	U	0.197	94.1		0.827	0.0677	U	0.133	-0.152	U	0.828						
LS-02-00-SL	-0.00811	U	0.141	0	U	0.171	93.6		0.808	0.0103	U	0.141	0.144	U	0.643						
LS-03-00-SL	-0.0214	U,G	0.166	-0.0432	U,G	0.214	22.7		0.86	0.337	G	0.163	0.298	U,G	0.636						

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Thorium-232 (A)			Thorium-234			Uranium-234 (A)			Uranium-235 (G)			Uranium-235 (A)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-09-00-SL				4.26	G,TI	3.93				3.63	G	0.905							-0.0562	U,G	0.526
BD-10-00-SL				389	G	13.3				104	G	3.04							-0.178	U,G	0.474
BD-11-00-SL				432	G	11.2				102	G	2.53							0.312	G,TI	0.259
BD-12-00-SL				36.2	G	7.73				20.2	G	1.82							-0.216	U,G	0.901
BP-01-00-SL				2.27	G	2.25				0.242	U,G	0.879							-0.455	U,G	0.936
BP-02-00-SL				1.03	U,G	1.6				0.404	U,G	0.516							-0.158	U,G	0.405
BP-03-00-SL				27	G	4.69				35.3	G	1.75							-0.0492	U,G	0.448
BP-04-00-SL				4.43	G	1.98				1.2	G,TI	1.02							-0.246	U,G	0.526
BP-05-00-SL				1.97	U,G	2.12				0.189	U,G	1.64							-0.176	U,G	0.465
BP-06-00-SL				2.33	G	1.67				0.459	U,G	1.06							-0.223	U,G	0.524
BP-07-00-SL				53.9	G,SI	6.19				53.5	G	2.03							-0.186	U,G	0.654
BP-08-00-SL				31.4	G,TI	4.98				0.867	U,G	1.83							-0.0864	U,G	0.686
BP-09-00-SL				2.03	G	1.85				0.217	U,G	0.647							0.0211	U,G	0.528
BP-10-00-SL				2.09	U,G	2.44				-0.217	U,G	0.714							-0.175	U,G	0.425
BP-11-00-SL				1.77	U,G	1.88				0.183	U,G	0.799							-0.363	U,G	0.7
BP-12-00-SL				3.15	G,TI	2.43	2.35		0.0279	0.32	U,G	0.679	0.138		0.0183	1		0.0228	0	U,G	0.461
CB-01-00-SL				18.4	=	3.97				2.87	=	1.29							0.154	UJ	0.773
CB-01-00-SL-FD				15.5	=	4.14				3.63	=	1.01							-0.19	UJ	0.689
DM-01-00-SL				102	G,SI	11.6				308	G	5.51							-0.578	U,G	1.32
DM-02-00-SL				451	G,SI	23.2				237	G	4.87							-0.323	U,G	0.617
EP-01-00-SL				92.3	G	8.49				31.2	G	1.73							-0.318	U,G	0.753
EP-02-00-SL				86.7	G	5.92				30.3	G	1.82							-0.199	U,G	0.938
EP-03-00-SL				28.3	G	3.42				6.97	G	0.893							-0.152	U,G	0.37
EP-04-00-SL				550	G	10.9				184	G	4.21							-0.0543	U,G	1
EP-04-00-SL-FD				698	G	12.7				251	G	3.88							-0.358	U,G	0.593
EP-05-00-SL				88.5	G	4.07				18.5	G	1.82							0.018	U,G	0.384
EP-06-00-SL				52.1	G,SI	7.28				96.5	G	2.56							-0.203	U,G	0.967
EP-07-00-SL				4.12	G	2.94				0.736	U,G	1.08							-0.4	U,G	1.03
EP-08-00-SL				27.1	G	5.94				8.87	G	1.23							-0.21	U,G	0.63
EP-09-00-SL				13.8	G	3.68				4.95	G	3.1							0.35	U,G	0.97
EP-10-00-SL				272	G	11.2				51.4	G	2.56							-0.47	U,G	0.934
EP-11-00-SL	0.939		0.051	9.45	G	3.4	103		0.0199	2.43	U,G	2.82	4.26		0.0173	11.2		0.0177	-0.583	U,G	1.24
EP-12-00-SL				20.3	G	4.72				4.81	G	2.29							-0.487	U,G	0.923
GS-01-00-SL				0.308	U,G	1.95				0.104	U,G	0.764							-0.123	U,G	0.776
GS-01-00-SL-FD				0.511	U,G	2.59				0.124	U,G	0.955							-0.419	U,G	0.696
GS-02-00-SL				0.785	U,G	1.26				-0.0665	U,G	0.767							-0.391	U,G	0.746
GS-03-00-SL				-0.484	U,G	1.47				-0.182	U,G	0.62							-0.273	U,G	0.475
GS-04-00-SL				1.61	U,G	1.7				-0.0399	U,G	0.65							0.0972	U,G	0.774
GS-05-00-SL				1.13	U,G	1.67				-0.121	U,G	0.682							-0.117	U,G	0.584
LF-01-00-SL				2.2	U,G	2.99				0.585	U,G	0.896							-0.0438	U,G	0.922
LF-02-00-SL				0.64	U,G	1.91				0.17	U,G	0.658							0.136	U,G	0.571
LF-03-00-SL				0.516	U,G	3.52				0.284	U,G	0.938							-0.133	U,G	0.881
LF-04-00-SL				1.23	U,G	3.18				0.118	U,G	0.88							-0.363	U,G	0.809
LF-05-00-SL				2.38	G,TI	2.29				0.559	U,G	0.777							0.107	U,G	0.741
NB-01-00-SL				-0.454	U,G	2.35				-0.0274	U,G	0.659							-0.085	U,G	0.427
NB-02-00-SL	0.281		0.0306	0.766	U,G	1.34	0.759		0.0309	0.334	U,G	0.579	0.026	LT	0.0222	0.373		0.0233	-0.107	U,G	0.511
NB-03-00-SL				0.566	U,G	1.98				0.682	G,TI	0.564							-0.187	U,G	0.512

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Thorium-232 (A)			Thorium-234			Uranium-234 (A)			Uranium-235 (G)			Uranium-235 (A)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-04-00-SL				1.48	U,G	2.3				-0.0282	U,G	0.712							0.418	U,G	0.794
NB-05-00-SL				1.72	U,G	2.19				-0.236	U,G	0.838							0.142	U,G	0.966
NB-06-00-SL	0.84		0.0391	0.399	U,G	1.7	0.888		0.0233	0.3	U,G	0.702	0.0565	LT	0.025	0.851		0.0267	-0.306	U,G	0.712
NB-07-00-SL				1.75	U,G	2.26				0.427	U,G	0.788							-0.25	U,G	0.798
NB-07-00-SL-FD				1.22	U,G	2.18				0.362	U,G	0.617							-0.118	U,G	0.621
NB-08-00-SL				3.21	G,TI	2.47				0.161	U,G	0.692							-0.0225	U,G	0.424
NB-09-00-SL				0.715	U,G	2.51				0.228	U,G	0.699							-0.0459	U,G	0.54
NB-10-00-SL				1.7	U,G	2				0.311	U,G	0.648							-0.195	U,G	0.678
NB-11-00-SL				9.88	G	2.7				3	G	0.775							0.518	U,G	0.677
NB-12-00-SL				1.28	U,G	2	1.45		0.0223	0.155	U,G	0.76	0.08	LT	0.0194	0.903		0.0223	-0.313	U,G	0.612
NB-13-00-SL				1.65	U,G	1.93				-0.0421	U,G	0.689							-0.458	U,G	0.638
NB-14-00-SL	0.774		0.0276	3.36	U,G	3.91	52.3		0.0177	0.606	U,G	1.2	1.98		0.0107	3.53		0.0091	0.0122	U,G	0.981
NB-15-00-SL				1.75	U,G	2.8				0.142	U,G	0.602							-0.322	U,G	0.504
NB-16-00-SL				1.58	U,G	2.51				-0.285	U,G	0.655							-0.0954	U,G	0.458
NB-17-00-SL				3.38	G	3.28	1.09		0.0316	0.106	U,G	0.689	0.0328	LT	0.029	0.801		0.0229	-0.239	U,G	0.543
NB-18-00-SL				1.91	G,TI	1.54				0.0214	U,G	0.661							-0.207	U,G	0.575
NB-19-00-SL				1.5	U,G	1.58				0.323	U,G	0.553							0.165	U,G	0.683
NB-20-00-SL				1.57	U,G	2.01				-0.118	U,G	0.789							-0.264	U,G	0.617
NB-21-00-SL				1.06	U,G	2.03				0.422	U,G	0.713							-0.251	U,G	0.556
NB-22-00-SL				2.32	G	2.2				-0.0238	U,G	0.877							-0.251	U,G	0.674
NB-23-00-SL				0.891	U,G	1.67	1.12		0.0215	0.0327	U,G	0.629	0.0843	LT	0.0187	0.913		0.0215	-0.4	U,G	0.594
NB-24-00-SL				0.712	U,G	2.02				0.169	U,G	0.569							-0.222	U,G	0.445
NB-25-00-SL				1.22	U,G	1.9				0.215	U,G	0.573							-0.367	U,G	0.609
NB-26-00-SL				0.156	U,G	1.38				0.156	U,G	0.433							-0.0179	U,G	0.298
NB-27-00-SL				0.764	U,G	2.09				0.0688	U,G	0.862							-0.322	U,G	0.596
NB-27-00-SL-FD				-0.314	U,G	3.01				0.0103	U,G	0.792							-0.146	U,G	0.685
OA-01-00-SL				16.5	=	3.09				4.57	=	1.15							0.0101	UJ	0.852
OA-01-00-SL-FD				18.1	=	3.29				4.61	=	1.54							-0.0978	UJ	0.568
OA-02-00-SL				9.1	=	2.8				3.61	=	1.17							0.181	UJ	0.797
OA-03-00-SL				0.685	UJ	2.65				0.172	UJ	0.801							-0.463	UJ	0.907
OA-04-00-SL				705	G	10				12.2	G	3.03							0.106	U,G	0.788
OA-05-00-SL				3.64	G	2.37				0.783	U,G	2.15							-0.238	U,G	0.64
OA-06-00-SL				2.02	G	1.87				0.11	U,G	0.604							0.0526	U,G	0.783
OA-07-00-SL				5.76	G	2.16				1.51	G	0.821							0.168	U,G	0.635
OA-08-00-SL				90.5	G	4.92	472	M3	0.528	23.2	G	1.29	19.5	M3	0.365	74.3	M3	0.558	-0.0196	U,G	0.355
OA-09-00-SL				1.03	U,G	2.46				0	U,G	0.831							-0.0617	U,G	0.558
OA-10-00-SL				0.671	U,G	2.84				0.35	U,G	0.859							0.108	U,G	0.669
OA-11-00-SL				9.04	G	3.93				2.71	G	1.86							-0.465	U,G	0.881
OA-12-00-SL				1.34	U,G	3.5				0.486	U,G	0.85							0.051	U,G	0.716
OA-13-00-SL				10.8	G	5.48				3.6	G	1.12							0.176	U,G	0.707
OA-14-00-SL				5.22	G,TI	3.75				1.14	G	0.951							-0.364	U,G	0.962
OA-15-00-SL				-0.473	U,G	3.52				0.631	U,G	2.28							-0.187	U,G	0.971
OA-16-00-SL				3.4	U,G	3.51				1.03	G,TI	0.675							-0.287	U,G	0.764
OA-20-00-SL				2.93	G	2.63				0.575	U,G	0.697							-0.0729	U,G	0.635
OA-21-00-SL				17.6	G	4.01				2.88	G	1.05							-0.209	U,G	0.731
OA-22-00-SL				8.43		2.57				1.86		0.816							-0.206	U	0.526
OA-23-00-SL				34.4		17.5				120		2.5							-0.38	U	0.565

Table H.10 Radionuclides in Surface Soil (pCi/g)

Sample ID	Thorium-232 (A)			Thorium-234			Uranium-234 (A)			Uranium-235 (G)			Uranium-235 (A)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
OA-24-00-SL				1.47	U,G	2.86				0.174	U,G	0.878							-0.227	U,G	0.793
OA-25-00-SL				4.73	G	2.24				1.26	U,G	1.56							-0.255	U,G	0.669
OA-26-00-SL				165		8.06				39		2.12							-0.3	U	0.78
OA-27-00-SL				1.51	U,G	1.71				0.184	U,G	0.672							-0.178	U,G	0.559
OA-28-00-SL				2.14	U,G	2.77				0.185	U,G	0.644							-0.212	U,G	0.481
OA-29-00-SL				1.57	U,G	2				0.0188	U,G	0.698							0.079	U,G	0.329
OA-30-00-SL				1.74	U,G	2				0	U,G	0.79							-0.446	U,G	0.74
OA-31-00-SL				0.47	U,G	2.44				0.182	U,G	0.647							-0.0982	U,G	0.383
OA-32-00-SL				2.94	G	1.72				0.247	U,G	0.616							0.165	U,G	0.695
OA-33-00-SL				1.76	U,G	2.38				0.638	U,G	0.65							-0.201	U,G	0.482
OA-34-00-SL				1.77	U,G	2.58				0.342	U,G	0.619							0.0395	U,G	0.329
OA-35-00-SL				0.942	U,G	3.29				0.0614	U,G	1.1							-0.355	U,G	0.719
OA-36-00-SL				1.71	U,G	2.22				0.0674	U,G	0.814							-0.354	U,G	0.673
OA-37-00-SL	1.1		0.0248	0.613	U,G	3.01	1.93		0.0315	0.154	U,G	0.928	0.127		0.0301	1.08		0.0272	-0.294	U,G	0.951
OA-38-00-SL				1.27	U,G	1.8				0.0721	U,G	0.688							-0.378	U,G	0.636
OA-39-00-SL				0.468	U,G	1.99				0.325	U,G	0.59							-0.176	U,G	0.489
OA-40-00-SL				0.857	U,G	1.89				0.352	U,G	0.724							0.142	U,G	0.804
PL-01-00-SL				8.15	G	2.33				2.43	G	0.812							0.0421	U,G	0.366
PL-02-00-SL				1.35	U,G	1.98				0.388	U,G	0.885							0.473	U,G	0.921
PL-03-00-SL				2.04	G	1.96				0.0394	U,G	0.681							-0.0786	U,G	0.51
RR-01-00-SL				248	=	7.25				57.9	=	2.79							-0.303	UJ	0.91
RR-02-00-SL				4.87	=	3.64				0.58	UJ	1.92							-0.477	UJ	0.823
RR-03-00-SL				1.03	UJ	2.14				0.833	U	0.973							-0.221	UJ	1
SW-01-00-SL				9.81	=	3.84				2.86	=	0.949							0	UJ	0.677
SW-02-00-SL				32	=	4.49				11.8	=	3.68							-0.367	UJ	1.13
SW-03-00-SL				1.3	UJ	2.76				0.345	UJ	0.847							-0.399	UJ	0.793
SW-04-00-SL				1.72	U	2.82				0.253	UJ	1.08							-0.561	UJ	1.25
LS-01-00-SL				2.07		1.76				0.537	U	1.35							-0.203	U	0.519
LS-02-00-SL				1.88	U	1.96				-0.0204	U	0.973							-0.0235	U	0.435
LS-03-00-SL				4.51	G	1.93				1.67	G	0.813							-0.252	U,G	0.545

Table H.10a Radionuclides in Off-site/Background Soils (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241			Antimony-124			Antimony-125		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BG-01-00-SL	1	G,TI	0.764	0.0236	U,G	0.0638	0.679	U,G	2.28	0.0952	U,G	0.232	-0.0746	U,G	0.454
BG-01-03-SL	0.774	U,G	1.02	-0.0244	U,G	0.398	-0.0514	U,G	0.268	-0.056	U,G	0.315	-0.132	U,G	0.542
BG-02-00-SL	1.01	G,TI	0.993	-0.012	U,G	0.282	-0.0342	U,G	1.08	-0.0121	U,G	0.258	0.00405	U,G	0.487
BG-02-03-SL	0.68	G	0.659	0.028	U,G	0.11	-0.274	U,G	0.799	-0.034	U,G	0.231	-0.0807	U,G	0.429
BG-03-00-SL	0.53	U,G	0.592	-0.00959	U,G	0.18	-0.0678	U,G	0.417	0.0562	U,G	0.212	0.0632	U,G	0.317
BG-03-03-SL	0.877	U,G	1.2	-0.0943	U,G	0.386	-0.215	U,G	1.67	0.0446	U,G	0.349	0.173	U,G	0.456
BG-04-00-SL	0.532	U,G	0.938	-0.0503	U,G	0.352	-0.11	U,G	0.299	0.0289	U,G	0.282	-0.00348	U,G	0.53
BG-04-03-SL	0.834	U,G	0.88	0.0749	G,TI	0.0676	-0.0201	U,G	0.276	0.0119	U,G	0.267	0.246	U,G	0.432
BG-05-00-SL	0.814	G	0.565	0.0356	U,G	0.163	0.129	U,G	0.744	0.0454	U,G	0.204	0.0329	U,G	0.391
BG-05-03-SL	0.978	U,G	1	-0.0864	U,G	0.326	0.518	U,G	2.41	-0.0262	U,G	0.308	-0.0262	U,G	0.513
BG-06-00-SL	0.82	U,G	0.993	-0.0709	U,G	0.334	-0.0147	U,G	0.294	0.0669	U,G	0.277	-0.156	U,G	0.647
BG-06-03-SL	0.806	G,TI	0.74	0.061	U,G	0.231	-0.0163	U,G	1.18	0.0463	U,G	0.21	0.0348	U,G	0.427
BG-07-00-SL	0.767	G	0.706	-0.0148	U,G	0.216	-0.286	U,G	0.892	0.139	U,G	0.214	0.0609	U,G	0.4
BG-07-03-SL	0.931	U,G	1.14	0.144	G,TI	0.0977	-0.073	U,G	0.334	0	U,G	0.362	0	U,G	0.586
BG-08-00-SL	1.38	G,TI	1.09	-0.0548	U,G	0.384	-0.0434	U,G	0.31	-0.0312	U,G	0.293	0.22	U,G	0.624
BG-08-03SL	1.83	G,TI	1.17	-0.195	U,G	0.539	0	U,G	1.79	-0.0286	U,G	0.313	0.233	U,G	0.353
BG-09-00-SL	1.43	G,TI	0.921	0.148	G,TI	0.08	-0.643	U,G	1.61	-0.0368	U,G	0.301	-0.00589	U,G	0.572
BG-09-03-SL	1.19	G	0.487	0.0274	U,G	0.133	0.315	U,G	0.662	0.089	U,G	0.194	0.106	U,G	0.337
BG-10-00-SL	1.14	G	0.46	-0.0229	U,G	0.15	0.0911	U,G	1.15	-0.0192	U,G	0.172	0.114	U,G	0.366
BG-10-03-SL	1.17	G	0.513	0.0296	U,G	0.143	-0.09	U,G	0.758	0.0588	U,G	0.128	-0.11	U,G	0.308
BG-11-00-SL	1.43	G	0.515	0.0187	U,G	0.114	0.0609	U,G	0.222	-0.0498	U,G	0.138	-0.199	U,G	0.394
BG-11-03-SL	1.17	G	0.495	-0.00712	U,G	0.159	0.107	U,G	3.13	-0.00981	U,G	0.146	0.143	U,G	0.287
BG-12-00-SL	1.38	G	0.629	-0.0442	U,G	0.167	0.0532	U,G	2.36	-0.00652	U,G	0.15	0.0267	U,G	0.271
BG-12-03-SL	1.49	G	0.489	-0.0264	U,G	0.185	0.0116	U,G	0.252	0	U,G	0.134	-0.0803	U,G	0.351
BG-13-00-SL	1.17	G	0.374	-0.0142	U,G	0.0966	-0.154	U,G	0.636	-0.00291	U,G	0.11	-0.0738	U,G	0.241
BG-13-03-SL	1.18	G	0.522	0.0157	U,G	0.087	0.114	U,G	0.636	0.0657	U,G	0.132	0.119	U,G	0.251
BG-14-00-SL	0.997	G	0.63	0.0122	U,G	0.134	-0.0104	U,G	0.242	0	U,G	0.161	0.0422	U,G	0.284
BG-14-03-SL	1.55	G	0.664	-0.0272	U,G	0.173	0.0451	U,G	1.27	0	U,G	0.158	0.0954	U,G	0.314
BG-15-00-SL	0.802	G	0.594	0.0237	U,G	0.121	-0.514	U,G	1.24	0.0728	U,G	0.141	0.0125	U,G	0.338
BG-15-03-SL	1.46	G	0.501	-0.0548	U,G	0.159	0.386	U,G	2.02	0.0186	U,G	0.146	0.0187	U,G	0.287
BG-16-00-SL	1.04	U,G	1.06	0.0208	U,G	0.198	0.0575	U,G	0.245	0.0832	U,G	0.189	0.0352	U,G	0.432
BG-16-03-SL	0.758	G	0.494	0.0073	U,G	0.162	-0.0457	U,G	0.373	0.14	U,G	0.184	-0.0424	U,G	0.336

Table H.10a Radionuclides in Off-site/Background Soils (pCi/g)

Sample ID	Beryllium-7			Bismuth-212			Bismuth-214			Cadmium-109			Cerium-139		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BG-01-00-SL	0.153	U,G	1.68	0.532	U,G	2.75	0.628	G,J	0.398	-0.276	U,G	5.52	-0.0565	U,G	0.155
BG-01-03-SL	0.969	U,G	1.52	1	U,G	3.69	0.675	G,J	0.457	0.231	U,G	2.76	0.00993	U,G	0.136
BG-02-00-SL	0.012	U,G	1.92	1.12	U,G	3.52	0.729	G,J	0.403	-1.2	U,G	5.06	0.00901	U,G	0.116
BG-02-03-SL	0.806	U,G	1.28	0.764	U,G	2.59	0.946	G,J	0.401	0.224	U,G	4.13	0.0133	U,G	0.122
BG-03-00-SL	0.0833	U,G	1.48	0.439	U,G	2.42	0.833	G,J	0.457	0.797	U,G	2.51	-0.00425	U,G	0.0992
BG-03-03-SL	0.18	U,G	2.25	2.1	U,G	3.07	0.753	G,J	0.585	2.98	U,G	6.12	0.0363	U,G	0.164
BG-04-00-SL	0.556	U,G	1.85	1.27	U,G	3.63	0.472		0.678	1.63	U,G	2.17	0.0154	U,G	0.153
BG-04-03-SL	0.151	U,G	1.66	1.07	U,G	2.23	0.949	G,J	0.496	1.89	U,G	2.13	0.0177	U,G	0.119
BG-05-00-SL	0.213	U,G	1.37	2.04	U,G	2.14	0.824	G,J	0.349	-0.81	U,G	4.14	0.0455	U,G	0.105
BG-05-03-SL	0.789	U,G	1.85	1.29	U,G	3.36	0.931	G,J	0.442	-1.79	U,G	6.97	-0.124	U,G	0.179
BG-06-00-SL	0.104	U,G	2.04	-0.609	U,G	4.62	0.689	G,J	0.61	2.22	G,SI	2.13	0	U,G	0.13
BG-06-03-SL	1.11	U,G	1.4	-0.248	U,G	3.36	1.02	G,J	0.434	-1.29	U,G	5.52	-0.0338	U,G	0.138
BG-07-00-SL	-0.0935	U,G	1.63	1.94	U,G	2.44	0.549	G,J	0.421	1.28	U,G	3.77	-0.014	U,G	0.123
BG-07-03-SL	0.473	U,G	2.06	0.171	U,G	4.29	0.862	G,J	0.502	1.2	U,G	2.99	-0.0165	U,G	0.16
BG-08-00-SL	0.957	U,G	2.17	0.635	U,G	4.34	0.707	G,J	0.604	2.31	U,G	3.54	-0.0222	U,G	0.142
BG-08-03SL	-0.857	U,G	2.43	0.472	U,G	3.62	0.898	G,J	0.626	4.1	U,G	6.99	0.039	U,G	0.164
BG-09-00-SL	0.923	U,G	1.46	1.03	U,G	3.95	0.632	G,J	0.423	-2.22	U,G	6.11	0.0808	U,G	0.146
BG-09-03-SL	-0.222	U,G	1.29	2.62	G,TI	1.93	0.762	G,J	0.327	-0.0198	U,G	3.83	0.0133	U,G	0.102
BG-10-00-SL	0.03	U,G	1.23	1.36	U,G	1.9	0.869	G,J	0.365	2.01	U,G	4.37	-0.0277	U,G	0.118
BG-10-03-SL	0.344	U,G	1.05	1.46	U,G	1.72	1.15	G,J	0.263	4.64	G,SI	2.78	-0.0114	U,G	0.0845
BG-11-00-SL	-0.033	U,G	1.06	1.88	U,G	2.16	1.03	G,J	0.258	3.77	G,SI	2.37	0.0247	U,G	0.0872
BG-11-03-SL	0.349	U,G	1.07	0.72	U,G	2.1	1.12	G,J	0.28	-1.27	U,G	6.47	-0.0585	U,G	0.143
BG-12-00-SL	0.103	U,G	1.2	-0.0249	U,G	2.42	0.877	G,J	0.271	3.42	U,G	4.71	0.00299	U,G	0.11
BG-12-03-SL	0.0519	U,G	1.32	0.53	U,G	2.32	1.09	G,J	0.236	1.92	G,SI	1.87	-0.055	U,G	0.108
BG-13-00-SL	0.261	U,G	0.728	2.05	G	1.18	1.1	G,J	0.19	1.99	U,G	2.43	-0.00998	U,G	0.0832
BG-13-03-SL	0.158	U,G	0.948	2.17	G,TI	1.58	0.719	G,J	0.285	2.43	U,G	4.77	-0.038	U,G	0.0863
BG-14-00-SL	-0.223	U,G	1.28	0.877	U,G	2	0.727	G,J	0.318	2.06	U,G	2.31	-0.00888	U,G	0.0993
BG-14-03-SL	-0.312	U,G	1.24	2.17	U,G	2.27	0.933	G,J	0.295	0.569	U,G	4.63	-0.00177	U,G	0.107
BG-15-00-SL	0.295	U,G	1.06	-0.0407	U,G	2.18	0.528	G,J	0.277	2.26	U,G	2.87	-0.00972	U,G	0.0982
BG-15-03-SL	-0.0429	U,G	1.17	1.49	U,G	2.37	0.951	G,J	0.278	0.385	U,G	4.72	0.0143	U,G	0.0949
BG-16-00-SL	-0.0698	U,G	1.92	1.76	U,G	2.6	0.601	G,J	0.478	0.979	U,G	1.71	0.0751	U,G	0.0915
BG-16-03-SL	0	U,G	1.31	0.507	U,G	2.12	0.72	G,J	0.426	1.37	U,G	1.95	0.00218	U,G	0.0882

Table H.10a Radionuclides in Off-site/Background Soils (pCi/g)

Sample ID	Cerium-144			Cesium-134			Cesium-137			Chromium-51			Cobalt-56		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BG-01-00-SL	-0.188	U,G	0.937	-0.0983	U,G	0.241	-0.012	U,G	0.217	0.193	U,G	2.17	0.0751	U,G	0.417
BG-01-03-SL	-0.151	U,G	0.743	0.0463	U,G	0.233	-0.0783	U,G	0.29	0.0983	U,G	2.05	-0.157	U,G	0.737
BG-02-00-SL	-0.0531	U,G	0.885	-0.05	U,G	0.224	0.146	U,G	0.203	0.637	U,G	1.77	0.142	U,G	0.459
BG-02-03-SL	-0.177	U,G	0.807	0.073	U,G	1.13	0.0648	U,G	0.155	-0.462	U,G	1.87	-0.022	U,G	0.366
BG-03-00-SL	-0.0944	U,G	0.741	0.0414	U,G	0.178	0.0259	U,G	0.209	-0.543	U,G	1.6	0.122	U,G	0.329
BG-03-03-SL	-0.109	U,G	0.959	0.0491	U,G	0.275	0.0912	U,G	0.281	0	U,G	2.74	0.271	U,G	0.76
BG-04-00-SL	-0.156	U,G	0.933	0.0239	U,G	0.233	0.235	U,G	0.251	0.524	U,G	2.03	-0.0404	U,G	0.57
BG-04-03-SL	0.0134	U,G	0.698	0.0295	U,G	0.215	0.024	U,G	0.2	0.26	U,G	1.95	0.0592	U,G	0.601
BG-05-00-SL	-0.101	U,G	0.826	-0.0133	U,G	0.18	0.161	LT,G,T	0.129	-0.0856	U,G	1.62	0.131	U,G	0.296
BG-05-03-SL	-0.414	U,G	1	-0.0864	U,G	0.27	0	U,G	0.219	-0.539	U,G	2.62	0.0627	U,G	0.637
BG-06-00-SL	0.0607	U,G	0.687	0.078	U,G	0.224	0.109	U,G	0.205	-0.676	U,G	2.51	0.0879	U,G	0.488
BG-06-03-SL	0.254	U,G	0.714	-0.0191	U,G	0.192	-0.0581	U,G	0.226	-0.956	U,G	2.22	-0.0535	U,G	0.555
BG-07-00-SL	-0.0187	U,G	0.837	-0.111	U,G	0.338	0.147	U,G	0.178	-0.122	U,G	1.71	0.25	U,G	0.326
BG-07-03-SL	0.269	U,G	0.918	-0.154	U,G	0.34	0.0277	U,G	0.297	-0.0356	U,G	2.38	-0.0863	U,G	0.752
BG-08-00-SL	-0.306	U,G	0.986	-0.052	U,G	0.253	0.016	U,G	0.274	-0.576	U,G	2.82	-0.174	U,G	0.791
BG-08-03SL	0.247	U,G	0.947	-0.143	U,G	0.383	0.0591	U,G	0.274	-0.394	U,G	2.65	0.24	U,G	0.471
BG-09-00-SL	-0.151	U,G	1.02	-0.102	U,G	0.271	-0.0711	U,G	0.288	0	U,G	2.08	0.012	U,G	0.599
BG-09-03-SL	0	U,G	0.732	0.0303	U,G	0.169	-0.0629	U,G	0.153	0.0737	U,G	1.4	-0.00521	U,G	0.321
BG-10-00-SL	-0.109	U,G	0.749	0.034	U,G	0.198	0.00832	U,G	0.166	-0.481	U,G	1.34	0.0987	U,G	0.326
BG-10-03-SL	0.0108	U,G	0.596	-0.0599	U,G	0.142	-0.0663	U,G	0.145	-0.656	U,G	1.28	0.0651	U,G	0.272
BG-11-00-SL	0.0104	U,G	0.526	-0.054	U,G	0.125	-0.0598	U,G	0.141	-0.118	U,G	1.18	0.125	U,G	0.243
BG-11-03-SL	-0.285	U,G	0.836	-0.122	U,G	0.21	-0.0427	U,G	0.146	0.111	U,G	1.25	0.00436	U,G	0.356
BG-12-00-SL	0	U,G	0.787	-0.0752	U,G	0.15	0.0141	U,G	0.173	-0.2	U,G	1.61	0.148	U,G	0.304
BG-12-03-SL	-0.418	U,G	0.739	-0.0474	U,G	0.133	0.0118	U,G	0.142	0.73	U,G	1.1	0.0355	U,G	0.357
BG-13-00-SL	0.131	U,G	0.6	0.0298	U,G	0.735	0.0698		0.0654	0.0798	U,G	0.882	0.103	U,G	0.183
BG-13-03-SL	0.0819	U,G	0.585	-0.00715	U,G	0.132	0.0368	U,G	0.127	0.425	U,G	0.851	-0.0182	U,G	0.288
BG-14-00-SL	0.0936	U,G	0.574	-0.0638	U,G	0.16	0.155	LT,G,T	0.147	-0.679	U,G	1.38	0.0955	U,G	0.318
BG-14-03-SL	0.234	U,G	0.677	-0.0336	U,G	0.153	0.0728	U,G	0.147	-0.216	U,G	1.25	0.099	U,G	0.311
BG-15-00-SL	0.0756	U,G	0.614	0.0588	U,G	0.18	0.0468	U,G	0.159	0.136	U,G	1.13	0.126	U,G	0.269
BG-15-03-SL	0.446	U,G	0.658	-0.00552	U,G	0.135	-0.0539	U,G	0.158	-0.712	U,G	1.4	0.169	U,G	0.314
BG-16-00-SL	-0.00893	U,G	0.708	0.0491	U,G	0.164	0.108	U,G	0.209	-0.261	U,G	2.04	0.374	G,TI	0.0844
BG-16-03-SL	-0.262	U,G	0.679	0.344	U,G	1.23	-0.0744	U,G	0.162	0.413	U,G	1.26	0.155	U,G	0.307

Table H.10a Radionuclides in Off-site/Background Soils (pCi/g)

Sample ID	Cobalt-57			Cobalt-58			Cobalt-60			Europium-152			Europium-154		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BG-01-00-SL	-0.0128	U,G	0.129	-0.0291	U,G	0.249	0.00459	U,G	0.188	0.182	U,G	0.67	-0.401	U,G	1.4
BG-01-03-SL	0.00288	U,G	0.109	0.161	U,G	0.234	0.0966	U,G	0.317	0.0907	U,G	1.36	0.355	U,G	1.41
BG-02-00-SL	0.0184	U,G	0.109	-0.0926	U,G	0.278	-0.0932	U,G	0.28	0.37	U,G	0.996	0.163	U,G	1.36
BG-02-03-SL	0.00729	U,G	0.0991	-0.0838	U,G	0.192	-0.055	U,G	0.212	-0.0498	U,G	1.05	0.672	U,G	0.816
BG-03-00-SL	-0.0237	U,G	0.0943	-0.0422	U,G	0.182	0.00715	U,G	0.18	-0.0109	U,G	1.1	0.151	U,G	0.934
BG-03-03-SL	-0.0146	U,G	0.145	0.0548	U,G	0.319	0.0669	U,G	0.315	-0.379	U,G	1.93	0.111	U,G	1.86
BG-04-00-SL	-0.036	U,G	0.12	-0.184	U,G	0.403	0.0249	U,G	0.327	0.0728	U,G	1.72	0.335	U,G	1.76
BG-04-03-SL	0.0134	U,G	0.0905	-0.00185	U,G	0.266	0.0765	U,G	0.251	-0.381	U,G	1.51	0	U,G	1.49
BG-05-00-SL	0.0114	U,G	0.0943	-0.0675	U,G	0.192	-0.00361	U,G	0.188	0.19	U,G	0.781	-0.0574	U,G	0.832
BG-05-03-SL	0.0234	U,G	0.13	0.05	U,G	0.259	0.0101	U,G	0.27	-0.3	U,G	1.5	-0.176	U,G	1.78
BG-06-00-SL	0.024	U,G	0.0887	-0.0375	U,G	0.313	0	U,G	0.344	0.108	U,G	1.16	0	U,G	1.32
BG-06-03-SL	-0.00744	U,G	0.103	0.0159	U,G	0.229	0.0535	U,G	0.214	-0.442	U,G	1.4	0	U,G	1.24
BG-07-00-SL	0.0224	U,G	0.0952	-0.0405	U,G	0.181	-0.0841	U,G	0.209	-0.263	U,G	1.13	0.0364	U,G	0.98
BG-07-03-SL	-0.00519	U,G	0.115	-0.0394	U,G	0.343	0.161	U,G	0.322	-0.0448	U,G	1.69	-0.0902	U,G	1.9
BG-08-00-SL	0.0286	U,G	0.122	0.119	U,G	0.28	-0.163	U,G	0.473	-0.0453	U,G	1.71	0.969	U,G	1.58
BG-08-03SL	0.033	U,G	0.116	0.0124	U,G	0.28	-0.0954	U,G	0.342	-0.39	U,G	2.02	-0.108	U,G	1.72
BG-09-00-SL	0.00404	U,G	0.114	0.02	U,G	0.314	-0.0149	U,G	0.294	-0.41	U,G	1.47	-0.652	U,G	1.87
BG-09-03-SL	-0.0329	U,G	0.0895	-0.0695	U,G	0.178	0.0651	U,G	0.153	-0.104	U,G	0.74	0.207	U,G	0.747
BG-10-00-SL	-0.00737	U,G	0.1	-0.0654	U,G	0.18	0.0479	U,G	0.125	0.397	U,G	0.623	-0.0932	U,G	0.937
BG-10-03-SL	0.00063	U,G	0.0724	0	U,G	0.136	-0.0199	U,G	0.149	0.12	U,G	0.7	-0.105	U,G	0.746
BG-11-00-SL	0.0308	U,G	0.0629	0.00507	U,G	0.127	-0.062	U,G	0.167	0.263	U,G	0.527	0.157	U,G	0.624
BG-11-03-SL	-0.0263	U,G	0.115	0.0166	U,G	0.128	-0.0282	U,G	0.148	0.273	U,G	0.848	0.0734	U,G	0.738
BG-12-00-SL	0.0734	U,G	0.0977	-0.0793	U,G	0.18	0.00088	U,G	0.0748	-0.0524	U,G	0.787	-0.141	U,G	0.915
BG-12-03-SL	-0.0263	U,G	0.0856	-0.0419	U,G	0.163	0.0115	U,G	0.151	0.451	U,G	0.558	0	U,G	0.922
BG-13-00-SL	0.0446	U,G	0.0618	-0.0366	U,G	0.0963	0.0489	U,G	0.0788	-0.0166	U,G	0.485	-0.0394	U,G	0.469
BG-13-03-SL	-0.0279	U,G	0.0739	0.00603	U,G	0.135	-0.0104	U,G	0.137	0.0324	U,G	0.643	-0.131	U,G	0.685
BG-14-00-SL	0.0189	U,G	0.0832	-0.00902	U,G	0.135	0.0497	U,G	0.175	-0.0877	U,G	0.852	0.0107	U,G	0.903
BG-14-03-SL	0.0462	U,G	0.0949	0.00718	U,G	0.135	0.0826	U,G	0.174	0.122	U,G	0.69	-0.323	U,G	0.983
BG-15-00-SL	0.028	U,G	0.0739	0.0144	U,G	0.13	0.0258	U,G	0.145	0.00915	U,G	0.791	0.0967	U,G	0.682
BG-15-03-SL	0.0377	U,G	0.101	-0.105	U,G	0.204	0.0337	U,G	0.115	-0.2	U,G	0.751	-0.0896	U,G	0.873
BG-16-00-SL	-0.0117	U,G	0.0939	-0.122	U,G	0.278	0.0191	U,G	0.206	0.0952	U,G	0.884	-0.165	U,G	1.37
BG-16-03-SL	0.0338	U,G	0.0807	-0.0434	U,G	0.166	-0.0622	U,G	0.171	0.0324	U,G	0.779	-0.0121	U,G	0.672

Table H.10a Radionuclides in Off-site/Background Soils (pCi/g)

Sample ID	Europium-155			Iodine-131			Iron-59			Lead-212			Lead-214		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BG-01-00-SL	0.139	U,G	0.532	-0.0517	U,G	0.864	0	U,G	0.518	0.647	G	0.292	0.874	G,J	0.395
BG-01-03-SL	0.179	U,G	0.343	0.0648	U,G	0.794	-0.32	U,G	0.793	0.758	G	0.331	0.759	G,J	0.546
BG-02-00-SL	0.0218	U,G	0.513	-0.389	U,G	0.959	-0.224	U,G	0.692	0.656	G	0.333	0.937	G,J	0.436
BG-02-03-SL	-0.0731	U,G	0.437	0.438	U,G	0.624	0.0962	U,G	0.433	0.999	G	0.28	0.991	G,J	0.296
BG-03-00-SL	0.0121	U,G	0.371	0.251	U,G	0.612	0.132	U,G	0.365	0.817	G	0.234	0.606	G,J	0.392
BG-03-03-SL	0.369	U,G	0.51	0.537	U,G	0.812	0.0822	U,G	0.714	0.861	G	0.362	0.838	G,J	0.468
BG-04-00-SL	0.0696	U,G	0.385	0.133	U,G	0.926	-0.228	U,G	0.774	0.576	G	0.423	0.873	G,J	0.526
BG-04-03-SL	-0.0371	U,G	0.382	-0.258	U,G	1.05	0.00758	U,G	0.638	1.13	G	0.287	0.925	G,J	0.472
BG-05-00-SL	0.261	U,G	0.394	-0.22	U,G	0.7	-0.106	U,G	0.428	0.735	G	0.264	0.88	G,J	0.319
BG-05-03-SL	0.196	U,G	0.632	0.666	U,G	0.947	-0.202	U,G	0.529	1.06	G	0.403	1	G,J	0.456
BG-06-00-SL	0.1	U,G	0.385	-0.14	U,G	0.917	0.00849	U,G	0.716	0.652	G	0.432	0.581	G,J	0.442
BG-06-03-SL	0.0298	U,G	0.472	0.0628	U,G	0.839	0.0107	U,G	0.569	0.781	G	0.33	0.854	G,J	0.432
BG-07-00-SL	0.00901	U,G	0.413	0.233	U,G	0.587	-0.0704	U,G	0.478	0.589	G	0.318	0.661	G,J	0.316
BG-07-03-SL	0.0284	U,G	0.381	0.0148	U,G	1.21	0.186	U,G	0.655	0.903	G	0.31	1.12	G,J	0.421
BG-08-00-SL	0.104	U,G	0.38	0.00747	U,G	1.09	0.182	U,G	0.724	0.802	G	0.432	0.777	G,J	0.563
BG-08-03SL	0.211	U,G	0.548	-0.0102	U,G	0.99	0.266	U,G	0.831	1.26	G	0.398	1.04	G,J	0.435
BG-09-00-SL	0.0181	U,G	0.518	-0.0523	U,G	0.888	0.164	U,G	0.415	0.914	G	0.358	1.09	G,J	0.404
BG-09-03-SL	-0.0357	U,G	0.368	0.0089	U,G	0.559	-0.127	U,G	0.398	0.927	G	0.263	1.01	G,J	0.281
BG-10-00-SL	0.0563	U,G	0.446	-0.252	U,G	0.442	-0.101	U,G	0.421	1.38	G	0.251	0.885	G,J	0.274
BG-10-03-SL	0.0616	U,G	0.365	-0.0896	U,G	0.317	0	U,G	0.305	1.61	G	0.201	1.02	G,J	0.275
BG-11-00-SL	-0.00249	U,G	0.274	0.131	U,G	0.292	-0.0533	U,G	0.335	1.44	G	0.22	1.13	G,J	0.268
BG-11-03-SL	0.222	U,G	0.538	0.0712	U,G	0.295	-0.0406	U,G	0.378	1.43	G	0.285	0.845	G,J	0.284
BG-12-00-SL	-0.303	U,G	0.582	0.0523	U,G	0.37	0.0966	U,G	0.307	1.38	G	0.303	0.832	G,J	0.292
BG-12-03-SL	0.146	U,G	0.265	-0.0754	U,G	0.359	0.213	U,G	0.329	1.25	G	0.264	0.982	G,J	0.257
BG-13-00-SL	0.0605	U,G	0.317	0.0338	U,G	0.198	0.0807	U,G	0.187	1.4	G	0.155	1	G,J	0.191
BG-13-03-SL	-0.0283	U,G	0.324	-0.0486	U,G	0.31	-0.0287	U,G	0.338	1.56	G	0.188	1.09	G,J	0.235
BG-14-00-SL	-0.0375	U,G	0.305	0.102	U,G	0.328	0.00222	U,G	0.394	1.38	G	0.241	0.859	G,J	0.302
BG-14-03-SL	0.0891	U,G	0.431	-0.0155	U,G	0.354	-0.0603	U,G	0.404	1.7	G	0.216	1.21	G,J	0.323
BG-15-00-SL	0.07	U,G	0.404	-0.0323	U,G	0.329	-0.0781	U,G	0.381	0.593	G	0.21	0.681	G,J	0.277
BG-15-03-SL	0.276	U,G	0.428	-0.147	U,G	0.384	0.0369	U,G	0.307	1.38	G	0.245	0.778	G,J	0.267
BG-16-00-SL	-0.169	U,G	0.367	-0.291	U,G	0.896	-0.0303	U,G	0.639	0.69	G	0.361	0.901	G,J	0.347
BG-16-03-SL	-0.00482	U,G	0.349	-0.018	U,G	0.565	-0.0176	U,G	0.387	1.01	G	0.206	0.909	G,J	0.359

Table H.10a Radionuclides in Off-site/Background Soils (pCi/g)

Sample ID	Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94			Niobium-95		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BG-01-00-SL	0.0901	U,G	0.22	0.00212	U	0.0159	-0.094	U,G	0.384	0.045	U,G	0.244	0.0758	U,G	0.198
BG-01-03-SL	-0.111	U,G	0.338	0.02	U	0.0258	-0.137	U,G	0.376	0.036	U,G	0.246	-0.0668	U,G	0.291
BG-02-00-SL	-0.0209	U,G	0.246	-0.00233	U	0.0261	0.0862	U,G	0.27	0.116	U,G	0.226	-0.104	U,G	0.348
BG-02-03-SL	-0.051	U,G	0.184	0.00343	U	0.0222	0.0375	U,G	0.243	0.0394	U,G	0.169	0.17	G,TI	0.157
BG-03-00-SL	-0.0266	U,G	0.186	-0.0006	U	0.0234	0.0265	U,G	0.244	0.00728	U,G	0.161	-0.135	U,G	0.224
BG-03-03-SL	-0.0172	U,G	0.324	0	U	0.00759	-0.262	U,G	0.475	0.0253	U,G	0.281	-0.102	U,G	0.408
BG-04-00-SL	0	U,G	0.245	-0.0015	U	0.0252	-0.0213	U,G	0.356	-0.0897	U,G	0.285	-0.046	U,G	0.332
BG-04-03-SL	0.102	U,G	0.194	0.00262	U	0.0256	-0.151	U,G	0.369	-0.0549	U,G	0.253	-0.118	U,G	0.346
BG-05-00-SL	0	U,G	0.173	0.0003	U	0.0215	-0.0807	U,G	0.275	-0.00937	U,G	0.184	-0.0478	U,G	0.196
BG-05-03-SL	0.00707	U,G	0.288	0.002	U	0.015	0.00775	U,G	0.413	0.0675	U,G	0.235	-0.0329	U,G	0.278
BG-06-00-SL	0.0178	U,G	0.261	0.0134	LT	0.00906	0.109	U,G	0.247	0.0234	U,G	0.296	-0.002	U,G	0.288
BG-06-03-SL	0.0563	U,G	0.154	-0.00248	U	0.0278	-0.0412	U,G	0.323	0.0053	U,G	0.216	0.0291	U,G	0.221
BG-07-00-SL	-0.0359	U,G	0.198	-0.00164	U	0.0277	-0.0528	U,G	0.286	0.078	U,G	0.19	0.178	G,TI	0.171
BG-07-03-SL	0.123	U,G	0.279	0.00923	LT	0.00834	0.123	U,G	0.345	-0.126	U,G	0.379	-0.126	U,G	0.344
BG-08-00-SL	-0.107	U,G	0.357	0.00632	U	0.0214	-0.00871	U,G	0.4	-0.0516	U,G	0.3	0.0572	U,G	0.311
BG-08-03SL	0.0167	U,G	0.314	0.011	U	0.0156	0.0796	U,G	0.382	0.112	U,G	0.23	-0.267	U,G	0.446
BG-09-00-SL	0	U,G	0.279	0.00288	U	0.0281	0.041	U,G	0.321	0.109	U,G	0.187	-0.0841	U,G	0.338
BG-09-03-SL	-0.0332	U,G	0.164	0.0066	U	0.0269	0.0546	U,G	0.225	0.00412	U,G	0.162	0.0417	U,G	0.165
BG-10-00-SL	0.118	U,G	0.134	0.00033	U	0.0239	0.0327	U,G	0.208	-0.0355	U,G	0.179	0.00076	U,G	0.186
BG-10-03-SL	0	U,G	0.133	-0.00452	U	0.0253	-0.181	U,G	0.24	-0.0398	U,G	0.128	0.0443	U,G	0.149
BG-11-00-SL	0.0213	U,G	0.118	0.009	U	0.0251	-0.0074	U,G	0.192	0.00272	U,G	0.139	0.00976	U,G	0.166
BG-11-03-SL	0.0139	U,G	0.15	-0.00186	U	0.0196	-0.0487	U,G	0.236	-0.0391	U,G	0.144	-0.0607	U,G	0.185
BG-12-00-SL	0.0112	U,G	0.152	-0.00475	U	0.0266	-0.00433	U,G	0.284	0.0322	U,G	0.148	-0.00096	U,G	0.183
BG-12-03-SL	-0	U,G	0.152	0.00257	U	0.0251	-0.00704	U,G	0.235	-0.0208	U,G	0.158	-0.0554	U,G	0.18
BG-13-00-SL	0.0208	U,G	0.095	-0.00307	U	0.0243	-0.0082	U,G	0.169	0.0163	U,G	0.0894	0.00274	U,G	0.101
BG-13-03-SL	0.0448	U,G	0.113	-0.00362	U	0.0311	0.0664	U,G	0.169	-0.075	U,G	0.139	-0.0465	U,G	0.154
BG-14-00-SL	-0.0084	U,G	0.179	0.0101	U	0.028	-0.0182	U,G	0.258	0.0341	U,G	0.135	-0.013	U,G	0.167
BG-14-03-SL	0.0219	U,G	0.164	0.0105	U	0.0194	-0.0405	U,G	0.241	-0.0382	U,G	0.161	0.0602	U,G	0.139
BG-15-00-SL	0.0229	U,G	0.133	0.00159	U	0.0267	0.0678	U,G	0.232	0.0473	U,G	0.111	0.0197	U,G	0.174
BG-15-03-SL	0.0383	U,G	0.1	0.00269	U	0.0262	0.112	U,G	0.221	-0.0354	U,G	0.163	-0.0562	U,G	0.192
BG-16-00-SL	-0.0732	U,G	0.246	0.00311	U	0.00844	0.0548	U,G	0.292	0.044	U,G	0.188	-0.0303	U,G	0.256
BG-16-03-SL	-0.0191	U,G	0.15	0.00438	U	0.0197	-0.0298	U,G	0.234	-0.0103	U,G	0.144	0.0423	U,G	0.172

Table H.10a Radionuclides in Off-site/Background Soils (pCi/g)

Sample ID	Plutonium 238			Plutonium 239/240			Potassium-40			Protactinium-234			Radium 226		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BG-01-00-SL	0	U	0.00986	0.00255	U	0.0191	8.6	G	3.03	-2.43	U,G	36.5	1.34		0.367
BG-01-03-SL	0.00293	U	0.022	0	U	0.0114	12	G	3.15	-4.91	U,G	45.9	0.976	LT	0.453
BG-02-00-SL	-0.00073	U	0.0286	0.00367	U	0.00994	14.6	G	2.5	-4.95	U,G	46.5	1.32	G	0.533
BG-02-03-SL	-0.005	U	0.0396	-0.00333	U	0.035	16.5	G	2.31	-13.6	U,G	34.9	1.53	G	0.564
BG-03-00-SL	-0.00308	Y2,U	0.0323	0	Y2,U	0.0139	11.5	G	2.19	-4.62	U,G	31.4	1.28	G	0.407
BG-03-03-SL	0	U	0.00939	-0.00104	U	0.0182	14.6	G	4.38	16.9	U,G	44.2	1.27	G	0.613
BG-04-00-SL	-0.00269	U	0.0283	0.0224	LT	0.0122	13.2	G	3.26	13	U,G	56.2	1.42	G	0.571
BG-04-03-SL	0.00409	U	0.0265	0	U	0.0101	13.7	G	3.06	17.5	U,G	37.5	1.42	G	0.346
BG-05-00-SL	0.00306	U	0.023	-0.00131	U	0.023	13.1	G	2.25	0.116	U,G	27	1.52	G	0.42
BG-05-03-SL	-0.00121	U	0.0212	0.00282	U	0.0211	13	G	3.51	-13.4	U,G	57	1.59	G	0.532
BG-06-00-SL	-0.00084	U	0.0328	0.00294	U	0.0221	9.51	G	3.07	0	U,G	42.6	1.34	G	0.505
BG-06-03-SL	0.00146	U	0.023	-0.00109	U	0.0192	13.8	G	2.82	2.36	U,G	39.4	1.64	G	0.501
BG-07-00-SL	0.00244	U	0.0183	-0.00104	U	0.0183	12.2	G	2.45	7.95	U,G	29.5	1.16	G	0.39
BG-07-03-SL	-0.00114	U	0.0199	0	U	0.0103	11.2	G	3.6	7.85	U,G	54.4	1.41	G	0.417
BG-08-00-SL	-0.00241	U	0.0253	0.00281	U	0.0211	11.5	G	3.9	-14.2	U,G	66.6	1.62	G	0.589
BG-08-03SL	-0.00123	U	0.0215	0.00286	U	0.0215	11.5	G	5.44	9.84	U,G	46.3	1.61	G	0.473
BG-09-00-SL	-0.0035	U	0.0277	0.00272	U	0.0204	11.1	G	4.53	14.1	U,G	42.3	1.63		0.35
BG-09-03-SL	-0.00704	U	0.035	0.0106	U	0.0206	10.4	G	2.04	2.87	U,G	22.9	1.97	G	0.518
BG-10-00-SL	-0.00221	U	0.0233	0.00148	U	0.0233	14.8	G	2.55	6.84	U,G	26.8	1.74	G	0.572
BG-10-03-SL	0	U	0.0112	0	U	0.0112	12	G	1.5	9.05	U,G	19.1	1.6	G	0.565
BG-11-00-SL	0.00152	U	0.0241	0.00381	U	0.0103	14	G	1.4	-5.97	U,G	21.6	1.67	G	0.564
BG-11-03-SL	0.0036	U	0.00976	-0.00216	U	0.0227	11.6	G	1.69	3.13	U,G	21.2	1.58	G	0.501
BG-12-00-SL	0.00246	U	0.0185	0.00352	U	0.00954	14.9	G	1.82	0	U,G	27.8	1.62	G	0.47
BG-12-03-SL	0	U	0.00953	0.00352	U	0.00953	15	G	1.29	6.05	U,G	28	1.69	G	0.514
BG-13-00-SL	0	U	0.0123	0.0181	LT	0.0123	14.6	G	1.17	-0.138	U,G	14.5	1.55	G	0.534
BG-13-03-SL	-0.00221	U	0.0232	-0.0011	U	0.0193	15	G	1.39	1.5	U,G	22	1.86	G	0.528
BG-14-00-SL	0.00462	U	0.0125	0.0024	U	0.0274	14.2	G	1.89	6.99	U,G	25.9	1.34	G	0.553
BG-14-03-SL	0.00842	U	0.0239	0	U	0.013	13.1	G	2.19	5.36	U,G	22.4	1.56	G	0.566
BG-15-00-SL	0	U	0.0129	0.00475	U	0.0129	8.13	G	2.26	-10.5	U,G	27.8	0.995	LT,G	0.529
BG-15-03-SL	0	U	0.0125	-0.00111	U	0.023	13.3	G	1.78	6.8	U,G	21.6	1.37	G	0.59
BG-16-00-SL	-0.00368	U	0.0291	-0.00123	U	0.0215	10	G	3.58	2.5	U,G	37.5	1.26	G	0.419
BG-16-03-SL	-0.00252	U	0.0265	0.00294	U	0.0221	12	G	2.15	-8.94	U,G	25.5	1.32	G	0.462

Table H.10a Radionuclides in Off-site/Background Soils (pCi/g)

Sample ID	Ruthenium-106			Scandium 46			Silver-110			Sodium-22			Thallium-208		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BG-01-00-SL	-0.51	U,G	2.11	-0.00456	U,G	0.214	0.034	U,G	0.198	-0.0463	U,G	0.266	0.321	G	0.194
BG-01-03-SL	-0.301	U,G	2.45	0.0378	U,G	0.227	0.0709	U,G	0.205	0	U,G	0.305	0.0777	U,G	0.293
BG-02-00-SL	0.311	U,G	2.09	-0.0464	U,G	0.28	0.0231	U,G	0.201	0.0362	U,G	0.217	0.214	G	0.198
BG-02-03-SL	-0.215	U,G	1.71	0.0614	U,G	0.168	-0.0709	U,G	0.175	-0.05	U,G	0.198	0.214	G	0.192
BG-03-00-SL	-0.654	U,G	1.81	0.00467	U,G	0.177	-0.078	U,G	0.203	-0.068	U,G	0.204	0.153	U,G	0.17
BG-03-03-SL	-0.512	U,G	2.73	-0.0824	U,G	0.359	-0.0792	U,G	0.318	-0.0086	U,G	0.451	0.357	G,TI	0.301
BG-04-00-SL	0.855	U,G	2.23	-0.039	U,G	0.256	-0.0766	U,G	0.283	-0.0481	U,G	0.401	0.224	U,G	0.257
BG-04-03-SL	0.102	U,G	2.11	0	U,G	0.233	-0.0569	U,G	0.214	-0.0432	U,G	0.278	0.277	G	0.225
BG-05-00-SL	-0.236	U,G	1.58	0.0184	U,G	0.173	-0.129	U,G	0.175	-0.00353	U,G	0.202	0.266	G	0.17
BG-05-03-SL	0.56	U,G	1.78	0.0468	U,G	0.249	-0.0249	U,G	0.217	0.0254	U,G	0.312	0.457	G	0.242
BG-06-00-SL	-0.116	U,G	2.1	-0.0857	U,G	0.297	-0.0516	U,G	0.234	-0.028	U,G	0.316	0.219	U,G	0.276
BG-06-03-SL	0	U,G	1.8	-0.0148	U,G	0.268	0.0992	U,G	0.119	0.0173	U,G	0.208	0.305	G	0.202
BG-07-00-SL	0.197	U,G	1.88	-0.0197	U,G	0.18	-0.0163	U,G	0.238	0.0528	U,G	0.177	0.278	G	0.188
BG-07-03-SL	-0.485	U,G	2.81	-0.0417	U,G	0.392	0.00936	U,G	0.293	0.181	U,G	0.311	0.31	G	0.219
BG-08-00-SL	0.27	U,G	2.31	-0	U,G	0.316	0.0359	U,G	0.213	0.0262	U,G	0.343	0.387	G,TI	0.289
BG-08-03SL	0.621	U,G	2.5	0.179	U,G	0.185	-0.0182	U,G	0.29	-0.134	U,G	0.439	0.367	G	0.321
BG-09-00-SL	-0.534	U,G	2.21	0.12	U,G	0.271	0.0468	U,G	0.232	0.0251	U,G	0.31	0.378	G	0.257
BG-09-03-SL	-0.0703	U,G	1.46	0.0101	U,G	0.154	0.00898	U,G	0.126	0.0248	U,G	0.17	0.344	G	0.147
BG-10-00-SL	-0.175	U,G	1.31	0	U,G	0.152	0.0304	U,G	0.134	0.0103	U,G	0.215	0.359	G	0.166
BG-10-03-SL	-0.561	U,G	1.23	-0.0668	U,G	0.161	0.0557	U,G	0.118	0	U,G	0.164	0.49	G	0.148
BG-11-00-SL	-0.253	U,G	1.19	0.0142	U,G	0.118	-0.0223	U,G	0.137	-0.0179	U,G	0.148	0.435	G	0.123
BG-11-03-SL	-0.314	U,G	1.37	0.0261	U,G	0.16	0.00497	U,G	0.129	-0.0424	U,G	0.177	0.307	G	0.122
BG-12-00-SL	-0.119	U,G	1.2	0.0076	U,G	0.132	-0.0659	U,G	0.158	0.0545	U,G	0.164	0.433	G	0.116
BG-12-03-SL	0.321	U,G	1.33	0	U,G	0.179	-0.011	U,G	0.143	0.0446	U,G	0.157	0.588	G	0.165
BG-13-00-SL	-0.483	U,G	0.976	-0.0273	U,G	0.0998	0.02	U,G	0.0729	-0.0124	U,G	0.104	0.369	G	0.0835
BG-13-03-SL	0.306	U,G	1.1	-0.00759	U,G	0.127	0.0249	U,G	0.115	0.00063	U,G	0.145	0.358	G	0.122
BG-14-00-SL	0.0247	U,G	1.38	-0.0382	U,G	0.166	-0.00821	U,G	0.173	0.024	U,G	0.111	0.426	G	0.14
BG-14-03-SL	-0.116	U,G	1.39	-0.0331	U,G	0.186	-0.0313	U,G	0.157	-0.0731	U,G	0.22	0.512	G	0.165
BG-15-00-SL	-0.242	U,G	1.18	0	U,G	0.137	-0.0938	U,G	0.168	-0.0178	U,G	0.206	0.16	G	0.138
BG-15-03-SL	0.114	U,G	1.21	0.0379	U,G	0.114	-0.00015	U,G	0.127	0.0451	U,G	0.125	0.437	G	0.127
BG-16-00-SL	-0.408	U,G	2.23	0.0155	U,G	0.233	-0.0455	U,G	0.19	-0.00463	U,G	0.292	0.284	G	0.23
BG-16-03-SL	-0.392	U,G	1.62	-0.021	U,G	0.174	0.0299	U,G	0.132	0.022	U,G	0.179	0.184	G	0.164

Table H.10a Radionuclides in Off-site/Background Soils (pCi/g)

Sample ID	Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)			Thorium-232 (A)			Thorium-234 (G)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BG-01-00-SL	0.142	U,G	1.14	0.661	M3	0.105	0.712		0.0991	0.723		0.0424	1.77	U,G	3.05
BG-01-03-SL	-0.115	U,G	1.26	0.826		0.0581	0.816		0.0839	0.825		0.0257	-1	U,G	2.09
BG-02-00-SL	-0.217	U,G	1.26	0.735		0.0516	0.872		0.0909	0.745		0.0317	-0.807	U,G	3.19
BG-02-03-SL	0	U,G	1.21	1.04		0.0769	0.905		0.0995	0.903		0.0334	1.01	U,G	2.17
BG-03-00-SL	-0.0695	U,G	1.08	0.919		0.0437	0.921		0.0872	0.791		0.0299	0.613	U,G	1.99
BG-03-03-SL	-0.586	U,G	1.94	1.01		0.0826	0.858		0.0916	0.839		0.0434	4.03	G,TI	3.93
BG-04-00-SL	-0.396	U,G	1.44	0.775		0.0954	0.811	M3	0.101	0.886		0.0327	1	U,G	2.59
BG-04-03-SL	0.0342	U,G	1.22	1.03		0.0832	0.853		0.0908	0.952		0.024	1.29	U,G	2.1
BG-05-00-SL	-2.15	U,G	13.8	0.82	M3	0.114	0.955		0.0956	0.803		0.0489	-0.0903	U,G	2.19
BG-05-03-SL	0.7	U,G	1.13	1.17		0.0784	1.03		0.0959	0.989		0.0143	-0.499	U,G	4.2
BG-06-00-SL	0.116	U,G	1.33	0.807	M3	0.114	0.708		0.0921	0.804		0.0243	1.14	U,G	2.42
BG-06-03-SL	0.45	U,G	0.866	1.07		0.0944	1.02		0.0924	0.895		0.033	0.887	U,G	3.5
BG-07-00-SL	-0.179	U,G	1.26	0.703		0.0903	0.75		0.091	0.732		0.0287	0.185	U,G	2.39
BG-07-03-SL	0.0852	U,G	1.37	1.08		0.0989	1.08		0.0956	0.923		0.0332	0.752	U,G	2.37
BG-08-00-SL	0.56	U,G	1.04	1.15	M3	0.105	1.39	M3	0.104	1.26		0.037	1.96	U,G	2.57
BG-08-03SL	0	U,G	1.72	1.33		0.0824	1.16		0.0924	1.24		0.0418	1.91	U,G	3.88
BG-09-00-SL	-0.385	U,G	1.57	1.21		0.0726	1.09		0.0898	1.32		0.0244	-0.433	U,G	3.61
BG-09-03-SL	-0.598	U,G	1.09	1.14		0.0758	1.12		0.096	1.32		0.0143	0.736	U,G	2.35
BG-10-00-SL	-0.206	U,G	1.24	1.25		0.0538	1.08		0.0867	1.04		0.0332	2.19	U,G	3.23
BG-10-03-SL	-0.148	U,G	0.912	1.25		0.0542	1.16		0.0882	1.22		0.0335	3.35	G,TI	2.76
BG-11-00-SL	0.323	U,G	0.945	1.23		0.0852	1.15		0.0846	1.2		0.0259	2.2	G	1.74
BG-11-03-SL	-0.2	U,G	1.36	1.23		0.0855	1.24		0.0838	1.22		0.0229	-0.185	U,G	3.5
BG-12-00-SL	-0.112	U,G	1.03	1.35		0.0839	1.25		0.0911	1.17		0.013	2.41	U,G	3.23
BG-12-03-SL	0.0641	U,G	0.913	1.22		0.0837	1.26		0.0861	1.12		0.0274	1.64	U,G	1.84
BG-13-00-SL	-0.188	U,G	0.755	0.991		0.0929	1.01		0.0829	0.856		0.0309	2.6	U,G	2.61
BG-13-03-SL	0.119	U,G	0.797	1.14	M3	0.107	1.18		0.0837	1.1		0.0424	0.913	U,G	2.39
BG-14-00-SL	0.575	U,G	0.877	1.06	M3	0.111	1.34		0.0945	1.1		0.039	1.72	U,G	2.13
BG-14-03-SL	-0.326	U,G	1.27	1.32	M3	0.131	1.3		0.0904	1.29		0.0255	1.46	U,G	3.11
BG-15-00-SL	-0.171	U,G	0.968	0.748		0.0693	0.852		0.076	0.665		0.0342	0.595	U,G	2.49
BG-15-03-SL	-0.0644	U,G	1.03	1.26		0.095	1.06		0.0851	1.23		0.0284	1.67	U,G	3.33
BG-16-00-SL	0.444	U,G	1.12	0.791		0.0861	0.825		0.0883	0.806		0.0224	0.728	U,G	1.84
BG-16-03-SL	0.0469	U,G	0.933	0.933		0.081	0.969		0.0986	0.918		0.0479	-0.0841	U,G	2.01

Table H.10a Radionuclides in Off-site/Background Soils (pCi/g)

Sample ID	Uranium-234 (A)			Uranium-235 (A)			Uranium-235 (G)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BG-01-00-SL	0.684		0.0161	0.0256	U	0.0256	-0.309	U,G	0.976	0.554		0.0218	-0.229	U,G	0.717
BG-01-03-SL	0.656		0.0378	0.0629	LT	0.0276	-0.271	U,G	0.984	0.649		0.0323	-0.298	U,G	0.811
BG-02-00-SL	0.7		0.03	0.021	LT	0.0114	-0.0421	U,G	0.907	0.766		0.00966	-0.107	U,G	0.667
BG-02-03-SL	0.751		0.0229	0.033	LT	0.0199	-0.516	U,G	0.917	0.736		0.0203	0.00423	U,G	0.64
BG-03-00-SL	0.644		0.0227	0.0297	LT	0.018	0.172	U,G	0.727	0.878		0.0183	0.198	U,G	0.648
BG-03-03-SL	0.742		0.0213	0.0532	LT	0.0251	0.281	U,G	1.1	0.811		0.00811	-0.189	U,G	0.952
BG-04-00-SL	0.672		0.0294	0.0391	LT	0.0312	0.065	U,G	0.932	0.602		0.028	-0.156	U,G	0.649
BG-04-03-SL	0.743		0.0156	0.0802	LT	0.00945	0.131	U,G	0.69	0.758		0.0156	-0.324	U,G	0.768
BG-05-00-SL	0.712		0.018	0.0168	LT	0.0091	-0.247	U,G	0.82	0.745		0.0223	-0.229	U,G	0.462
BG-05-03-SL	0.784		0.0146	0.0514	LT	0.0172	0.323	U,G	0.871	0.801		0.0217	-0.288	U,G	0.746
BG-06-00-SL	0.695		0.0215	0.0695	LT	0.0205	0.154	U,G	0.796	0.673		0.0145	-0.479	U,G	0.846
BG-06-03-SL	0.87		0.0287	0.0672	LT	0.0198	0.392	U,G	0.85	0.821		0.0208	-0.513	U,G	0.816
BG-07-00-SL	0.633		0.0276	0.022	LT	0.0217	-0.328	U,G	0.915	0.634		0.0208	-0.149	U,G	0.465
BG-07-03-SL	0.719		0.0324	0.0471	LT	0.0168	-0.133	U,G	1.03	0.744		0.0194	0.0932	U,G	0.863
BG-08-00-SL	0.942		0.0431	0.066	LT	0.0306	0.0366	U,G	1.04	0.985		0.0299	0.217	U,G	0.599
BG-08-03SL	0.922		0.0161	0.0617	LT	0.0257	0.101	U,G	1.07	0.957		0.0218	-0.266	U,G	0.86
BG-09-00-SL	0.922		0.0373	0.0692	LT	0.0273	0.0574	U,G	0.999	0.98		0.0281	-0.087	U,G	0.845
BG-09-03-SL	0.889		0.0179	0.0399	LT	0.00902	-0.145	U,G	0.709	0.963		0.0179	-0.238	U,G	0.438
BG-10-00-SL	0.906		0.0247	0.066	LT	0.0237	0.267	U,G	0.691	0.996		0.0169	-0.171	U,G	0.522
BG-10-03-SL	0.895		0.0248	0.0494	LT	0.0292	0.163	U,G	0.552	0.942		0.0101	-0.106	U,G	0.408
BG-11-00-SL	0.968		0.0359	0.0628	LT	0.0212	-0.096	U,G	0.589	0.96		0.0241	0.00314	U,G	0.375
BG-11-03-SL	0.838		0.0208	0.0814	LT	0.0205	0.0184	U,G	0.801	0.871		0.00948	-0.148	U,G	0.399
BG-12-00-SL	0.943		0.021	0.0583	LT	0.0113	0.274	U,G	0.67	0.859		0.0257	0	U,G	0.313
BG-12-03-SL	0.924		0.0327	0.0287	LT	0.0261	-0.0987	U,G	0.758	0.98		0.0249	-0.0923	U,G	0.456
BG-13-00-SL	0.906		0.0416	0.0426	LT	0.0308	0.103	U,G	0.626	0.855		0.0315	0.14	U,G	0.326
BG-13-03-SL	0.821		0.0285	0.0614	LT	0.0286	0.14	U,G	0.558	0.99		0.0265	-0.306	U,G	0.41
BG-14-00-SL	0.839		0.0316	0.0174	U	0.027	0.406	U,G	0.644	0.921		0.0251	-0.181	U,G	0.463
BG-14-03-SL	0.842		0.0235	0.0325	LT	0.0226	-0.244	U,G	0.822	0.96		0.0161	-0.257	U,G	0.488
BG-15-00-SL	0.533		0.0174	0.0258	U	0.0273	0.0273	U,G	0.737	0.59		0.0232	0.0339	U,G	0.423
BG-15-03-SL	0.898		0.0216	0.0589	LT	0.0214	-0.0131	U,G	0.689	0.795		0.0216	-0.0358	U,G	0.349
BG-16-00-SL	0.648		0.0211	0.0512	LT	0.0107	-0.215	U,G	0.756	0.718		0.0211	0.0473	U,G	0.506
BG-16-03-SL	0.672		0.0224	0.025	LT	0.0214	0.0322	U,G	0.699	0.629		0.0151	0.295	U,G	0.591

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241 (A)			Americium-241 (G)			Antimony-124		
	Result	MDL	Q	Result	MDL	Q	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-13-09-SL	0.633	0.803	U,G	-0.157	0.341	U,G				-0.174	U,G	0.433	0.135	U,G	0.264
BD-13-15-SL	1.12	0.87	G	-0.049	0.348	U,G				-0.141	U,G	0.425	0.0887	U,G	0.276
BD-13-23-SL	1.08	0.788	G	-0.0864	0.351	U,G				0.189	U,G	0.706	0.0191	U,G	0.293
BD-13-30-SL	0.629	0.783	U,G	-0.00352	0.168	U,G				0.0151	U,G	1.08	0	U,G	0.22
BD-14-05-SL	1.22	1	G,TI	0	0.0854	U,G				0.0479	U,G	0.236	0.0698	U,G	0.297
BD-14-13-SL	0.939	0.67	G	-0.0709	0.289	U,G				0.223	U,G	0.694	-0.0594	U,G	0.274
BD-14-25-SL	1.14	1.12	TI	-0.00992	0.301	U				-0.0787	U	0.263	0.0263	U	0.209
BD-14-31-SL	0.675	0.847	U	0.0601	0.0814	U				-0.00652	U	0.198	0	U	0.278
BD-15-05-SL	1.13	0.815	G,TI	0.0347	0.193	U,G				-0.177	U,G	0.743	-0.137	U,G	0.294
BD-15-17-SL	1.52	1.21	G	-0.0509	0.386	U,G				0.265	G,TI	0.262	0	U,G	0.435
BD-15-25-SL	0.978	0.743		-0.0347	0.214	U				-0.0294	U	0.642	0.00566	U	0.225
BD-15-31-SL	1.54	0.969	G,TI	-0.166	0.496	U,G				-0.0328	U,G	0.297	-0.0462	U,G	0.3
BD-16-05-SL	0.754	1.1	U,G	-0.088	0.435	U,G				0.0215	U,G	0.257	0.0308	U,G	0.3
BD-16-15-SL	1.18	0.66	G,TI	0.0461	0.0623	U,G				-0.146	U,G	0.855	-0.0202	U,G	0.25
BD-16-19-SL	1.44	0.902	G,TI	-0.0162	0.32	U,G				-0.122	U,G	1.21	0.117	U,G	0.278
BD-16-25-SL	1.38	1.17	G,TI	0.055	0.432	U,G				0.089	U,G	0.283	0.0343	U,G	0.311
BD-16-34-SL	0.968	0.927	G,TI	0.0475	0.0642	U,G				-0.0368	U,G	0.852	0.147	U,G	0.25
BLD240-01-01	1.24	0.82	TI	0.017	0.146	U	0.00692	LT	0.0031	-0.02	U	1.26	-0.08	U	0.24
BLD240-01-09	0.9	0.86	TI	0.017	0.195	U				-0.23	U	1.27	0.11	U	0.22
BLD240-01-09FD	1.02	0.62		0.017	0.138	U				0.57	U	1.03	0.03	U	0.22
BLD240-01-31							0.00478	U	0.0089						
BLD240-03-04	1.3	0.81		0.01	0.33	U	0.00205	U	0.0028	0.06	U	0.26	0.02	U	0.28
BLD240-03-04FD	0.96	0.91	TI	-0.09	0.29	U				-0.11	U	1.38	-0.11	U	0.24
BLD240-03-14							0.00195	U	0.0072						
BLD240-03-19	1.31	1.06		-0.08	0.41	U				-0.08	U	0.27	-0.04	U	0.32
BLD240-04-02	1.05	0.86		-0.003	0.194	U	0.00912	LT	0.0062	-0.24	U	1.32	-0.06	U	0.29
BLD240-04-04	1.18	0.78		-0.002	0.149	U				-0.29	U	1.27	-0.04	U	0.25
BLD240-04-33							0.00402	U	0.0074						
BLD240-05-01	0.49	1.02	U	-0.14	0.36	U				-0.08	U	0.25	-0.08	U	0.3
BLD240-05-02	0.87	0.9	U	0.04	0.28	U				0	U	0.27	-0.08	U	0.31
BLD253-02-01	0.16	0.6	U	0.043	0.178	U				-0.06	U	0.9	-0.07	U	0.22
BLD253-02-04	1.19	0.83	TI	-0.029	0.221	U	0.00323	LT	0.0029	0.08	U	0.31	-0.05	U	0.28
BLD253-02-21FD	1.1	0.68	TI	-0.02	0.23	U				0.13	U	1.17	0.02	U	0.23
BLD253-02-21							0.00282	LT	0.0026						
BLD255-05-01							0.00595	LT	0.0027						
BLD255-05-23							0.00095	U	0.0089						
BLD255-07-02	0.72	0.6		-0.003	0.183	U	0.00408	U	0.0075	-0.21	U	1.19	0.04	U	0.24
BLD255-07-15	0.93	0.78		0.04	0.24	U				-0.04	U	0.26	0.11	U	0.25
BLD255-07-33							0.00397	U	0.0073						
BLD255-08-01	1	0.7		0.05	0.19	U	0.00414	LT	0.0028	-0.7	U	2.1	-0.06	U	0.26
BLD255-08-08	1.3	0.89		0.01	0.3	U	0.00827	LT	0.0076	-0.17	U	0.3	-0.02	U	0.27
BLD260-06-01	1	0.7		-0.063	0.217	U	0.00295	LT	0.0027	0.45	U	1.35	0.02	U	0.21
BLD260-06-03	1.05	0.72		0.08	0.21	U				0.01	U	0.26	-0.04	U	0.29

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241 (A)			Americium-241 (G)			Antimony-124		
	Result	MDL	Q	Result	MDL	Q	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BLD260-06-31							0.00558	LT	0.0025						
BP-13-05-SL	0.928	0.786	G,TI	0.00387	0.263	U,G				0.0101	U,G	0.772	0.171	U,G	0.261
BP-13-11-SL	1.3	0.82	G	0.0778	0.191	U,G				0	U,G	0.714	0.0351	U,G	0.252
BP-13-15-SL	0.789	1	U,G	-0.183	0.473	U,G				0.0503	U,G	0.263	0.0148	U,G	0.331
BP-13-25-SL	0.752	0.908	U,G	-0.0767	0.395	U,G				-0.405	U,G	1.18	-0.027	U,G	0.288
BP-13-35-SL	0.839	0.536	G	-0.0344	0.308	U,G				0.135	U,G	0.68	0.0428	U,G	0.247
BP-17-05-SL	1.28	1.26	G,TI	0.0284	0.27	U,G				-0.0325	U,G	0.263	-0.0157	U,G	0.285
BP-17-15-SL	1.21	0.703		0.102	0.055	TI				-0.2	U	0.723	-0.114	U	0.283
BP-17-23-SL	1.37	0.916	G	0.0697	0.0628	G,TI				-0.348	U,G	0.808	-0.00143	U,G	0.272
BP-17-31-SL	0.85	0.958	U,G	0.0594	0.257	U,G				-0.0477	U,G	0.265	0.0898	U,G	0.237
BP-18-05-SL	1.07	1.08	U,G	-0.0761	0.392	U,G				-0.301	U,G	1.15	0.0383	U,G	0.313
BP-18-15-SL	1.32	0.961	G,TI	-0.0174	0.409	U,G				0.00301	U,G	0.284	0.0802	U,G	0.302
BP-18-25-SL	1.19	0.883	G,TI	0.0264	0.309	U,G				0.452	U,G	1.08	-0.0398	U,G	0.338
BP-18-31-SL	0.168	0.457	U	0.0109	0.164	U				-0.173	U	0.555	-0.0276	U	0.212
BP-19-05-SL	0.809	0.576		-0.0349	0.216	U				-0.36	U	0.717	0.0282	U	0.217
BP-19-13-SL	1.08	0.826		-0.052	0.286	U				0.577	U	0.852	-0.0732	U	0.304
BP-19-25-SL	1.17	0.9	G,TI	0.0847	0.0573	G,TI				-0.123	U,G	0.757	0.0536	U,G	0.234
BP-19-29-SL	1.33	1.05	TI	-0.0097	0.294	U				-0.0467	U	0.231	-0.0537	U	0.278
BP-20-03-SL	1.01	0.884		0.0479	0.29	U				-0.0997	U	0.252	0.0266	U	0.25
BP-20-19-SL	1.01	0.954	G,TI	0.0714	0.0644	G,TI				-0.188	U,G	1.06	-0.084	U,G	0.328
BP-20-27-SL	0.723	0.845	U	0.0304	0.169	U				-0.095	U	0.58	0.00476	U	0.193
BP-21-07-SL	1.07	1.17	U,G	-0.0475	0.373	U,G				-0.092	U,G	0.292	0	U,G	0.356
BP-21-07-SL-FD	1.15	0.94		0	0.261	U				0.176	U	1.06	0.034	U	0.26
BP-21-13-SL	0.855	0.663		-0.0168	0.229	U				0.0673	U	0.703	0.086	U	0.257
BP-21-24-SL	1.16	1.16	U,G	0.115	0.318	U,G				0.0559	U,G	0.264	-0.0735	U,G	0.338
BP-21-34-SL	0.398	0.668	U	-0.0637	0.328	U				0.112	U	0.766	-0.0973	U	0.296
BP-22-05-SL	0.983	0.61	G	-0.0273	0.289	U,G				0.244	U,G	0.781	0.0473	U,G	0.228
BP-22-13-SL	1.03	0.779	G	0.0224	0.262	U,G				-0.414	U,G	1	0.0677	U,G	0.247
BP-22-23-SL	0.786	0.787	U	0.0114	0.171	U				-0.368	U	0.733	-0.0868	U	0.266
BP-22-33-SL	0.297	0.958	U	0.0215	0.205	U				0.0101	U	0.189	0.0837	U	0.233
CB-02-05-SL	1	0.717	G	-0.0878	0.341	U,G				0.172	U,G	1.17	0	U,G	0.295
CB-02-05-SL-FD	1.03	1.12	U,G	-0.0519	0.304	U,G				-0.171	U,G	1.26	0.0946	U,G	0.318
CB-02-15-SL	0.775	0.787	U,G	-0.00724	0.22	U,G				-0.155	U,G	1.12	0	U,G	0.267
CB-02-25-SL	1.65	1.02	G,TI	-0.0855	0.414	U,G				-0.0967	U,G	1.13	0	U,G	0.312
DM-02-05-SL	0.891	0.831		0.0514	0.223	U				0.126	U	0.446	0.0266	U	0.284
DM-02-17-SL	0.614	1.05	U,G	-0.0401	0.358	U,G				-0.677	U,G	0.922	-0.0108	U,G	0.276
DM-02-22-SL	0.791	0.998	U	-0.0696	0.301	U				0.101	U	0.423	-0.214	U	0.351
DM-02-33-SL	1.18	0.694		-0.0246	0.26	U				0.526	U	0.896	0.0164	U	0.251
DM-03-05-SL	1.25	0.901	G,TI	0.0221	0.0599	U,G				0.158	U,G	0.765	-0.0458	U,G	0.317
DM-03-05-SL-FD	1.34	1.03	G,TI	0.0571	0.346	U,G				0.0505	U,G	0.27	-0.0332	U,G	0.334
DM-03-13-SL	1.08	0.79	G	-0.0475	0.28	U,G				0.00403	U,G	0.745	0.0342	U,G	0.245
DM-03-25-SL	0.341	1.15	U,G	-0.0822	0.387	U,G				-0.0185	U,G	0.262	0	U,G	0.3
DM-03-34-SL	0.838	0.724	G,TI	-0.0484	0.285	U,G				0.229	U,G	0.669	0.0139	U,G	0.242

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241 (A)			Americium-241 (G)			Antimony-124		
	Result	MDL	Q	Result	MDL	Q	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
EP-13-03-SL	1.18	0.77	J	-0.00364	0.173	UJ				0.747	UJ	1.28	-0.0598	UJ	0.269
EP-13-13-SL	0.979	0.899	J	-0.0611	0.48	UJ				-0.0506	UJ	0.27	-0.128	UJ	0.376
EP-13-25-SL	1.05	0.631	J	-0.00728	0.221	UJ				-0.0935	UJ	1.21	-0.0479	UJ	0.294
EP-13-30-SL	0.98	0.638	J	0.106	0.0575	J				0.0463	UJ	0.645	0.0204	UJ	0.258
EP-14-05-SL	1.13	0.832	J	0.0305	0.29	UJ				0.0634	UJ	0.288	0.281	U	0.306
EP-14-13-SL	1.17	0.791	J	0.0145	0.219	UJ				-0.418	UJ	1.28	-0.143	UJ	0.286
EP-14-25-SL	1.07	0.955	J	-0.00795	0.241	UJ				-0.238	UJ	1.26	0.0131	UJ	0.279
EP-14-31-SL	0.724	0.902	U	-0.062	0.248	UJ				0	UJ	0.697	0.0885	UJ	0.202
EP-15-05-SL	1.12	1.16	U,G	-0.1	0.387	U,G				0.463	U,G	1.05	-0.0533	U,G	0.346
EP-15-13-SL	0.983	1.17	U,G	-0.122	0.378	U,G				0.0323	U,G	1.22	0.026	U,G	0.313
EP-15-25-SL	0.469	0.868	U	0.0446	0.271	U				-0.0174	U	0.209	-0.0524	U	0.279
EP-15-29-SL	0.993	0.865	TI	0	0.262	U				-0.0884	U	0.936	0.0119	U	0.297
EP-16-05-SL	1.14	0.759	G	0.0698	0.0629	G,TI				-0.0203	U,G	0.749	0.0105	U,G	0.285
EP-16-15-SL	1.01	0.806	G	-0.0372	0.292	U,G				0.594	U,G	1.01	0.0225	U,G	0.259
EP-16-27-SL	0.0587	0.629	U	0.0345	0.0467	U				0.345	U	0.658	0	U	0.22
EP-17-05-SL	1.81	1.14	G,TI	-0.0505	0.396	U,G				-0.00146	U,G	0.268	0.115	U,G	0.321
EP-17-15-SL	1.26	0.857	G	-0.12	0.37	U,G				0.506	U,G	1.09	-0.102	U,G	0.342
EP-17-25-SL	1.48	1.16	G,TI	-0.0896	0.422	U,G				-0.0451	U,G	0.274	-0.0526	U,G	0.363
EP-17-30-SL	0.31	0.72	U	-0.0213	0.249	U				-0.112	U	0.814	-0.102	U	0.299
EP-18-09-SL	1.02	1.03	U	-0.00593	0.283	UJ				-0.0232	UJ	0.338	-0.0171	UJ	0.332
EP-18-09-SL-FD	0.83	0.732	J	0.0624	0.213	UJ				0.0615	UJ	0.4	0.155	UJ	2.5
EP-18-15-SL	1.06	0.602	J	0.0493	0.257	UJ				-0.446	UJ	0.878	-0.0816	UJ	0.322
EP-18-29-SL	1.16	0.974	J	-0.05	0.392	UJ				0.0607	UJ	0.268	-0.048	UJ	0.301
EP-19-05-SL	0.974	0.923	J	-0.00926	0.253	UJ				-0.144	UJ	1.15	-0.253	UJ	0.456
EP-19-13-SL	1.33	0.505	J	0.0969	0.263	UJ				0.172	UJ	0.849	0.0343	UJ	0.282
EP-19-25-SL	1.26	0.8	J	0.0493	0.258	UJ				0.238	UJ	0.749	-0.0102	UJ	0.317
EP-19-31-SL	1.32	0.712	J	0.0264	0.225	UJ				-0.159	UJ	0.431	-0.24	UJ	0.441
EP-20-05-SL	1.59	1.11	G,TI	-0.00082	0.288	U,G				0.0216	U,G	0.403	-0.168	U,G	0.41
EP-20-15-SL	0.943	0.961	U,G	0.129	0.0874	G,TI				0	U,G	0.274	-0.136	U,G	0.331
EP-20-25-SL	0.844	0.869	U,G	-0.0312	0.314	U,G				-0.021	U,G	0.406	-0.188	U,G	0.407
LF-06-05-SL	1.16	0.951	G,TI	-0.045	0.278	U,G				-0.0855	U,G	0.934	-0.106	U,G	0.264
LF-06-13-SL	1.34	1.12	G	-0.083	0.3	U,G				0.06	U,G	0.393	0.00346	U,G	0.294
LF-06-27-SL	0.383	0.959	U,G	-0.0706	0.319	U,G				-0.214	U,G	0.44	-0.0548	U,G	0.29
LF-06-32-SL	0.549	0.754	U,G	-0.0246	0.287	U,G				-0.182	U,G	0.371	0.0432	U,G	0.267
LF--07-09-SL	1.01	0.726	G	0.121	0.0656	G,TI				-0.148	U,G	0.83	-0.0652	U,G	0.302
LF-07-15-SL	1.03	0.844	G	-0.0642	0.256	U,G				0.227	U,G	0.762	0.0128	U,G	0.308
LF-07-25-SL	1	0.98	G,TI	0.0765	0.069	G,TI				-0.197	U,G	1.2	-0.0394	U,G	0.287
LF-07-34-SL	0.656	1.19	U,G	-0.114	0.382	U,G				-0.00282	U,G	0.24	-0.046	U,G	0.299
LF-08-05-SL	1.41	1.23	G,TI	-0.0448	0.339	U,G				-0.0902	U,G	0.308	0.159	U,G	0.288
LF-08-05-SL-FD	1.36	0.785	G,TI	-0.102	0.324	U,G				0.152	U,G	0.701	-0.105	U,G	0.28
LF-08-15-SL	1.12	0.996	G,TI	-0.00717	0.217	U,G				0.123	U,G	1.07	0.0117	U,G	0.227
LF-08-21-SL	1.05	1.17	U,G	-0.0929	0.45	U,G				-0.59	U,G	1.37	0.041	U,G	0.328
LF-08-37-SL	0.315	0.757	U,G	-0.0052	0.248	U,G				0.0609	U,G	0.212	0.0738	U,G	0.234

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241 (A)			Americium-241 (G)			Antimony-124		
	Result	MDL	Q	Result	MDL	Q	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
LF-09-03-SL	0.688	0.834	U,G	-0.116	0.347	U,G				-0.705	U,G	1.35	0.0652	U,G	0.27
LF-09-17-SL	1.09	0.935	G,TI	-0.0127	0.348	U,G				-0.162	U,G	1.2	-0.0913	U,G	0.345
LF-09-25-SL	0.919	0.956	U,G	-0.0851	0.306	U,G				-0.149	U,G	1.21	-0.0503	U,G	0.296
LF-09-31-SL	0.314	0.801	U,G	0.0568	0.206	U,G				0.0347	U,G	0.95	0.0701	U,G	0.195
NB-28-04-SL	1.49	1.01	G,TI	0.151	0.068	G,TI				0.197	U,G	0.827	0.05	U,G	0.27
NB-28-14-SL	0.996	0.869	G	-0.0162	0.381	U,G				-0.08	U,G	0.267	0.0498	U,G	0.313
NB-28-24-SL	0.682	0.786	U,G	-0.01	0.27	U,G				0.0338	U,G	0.376	-0.102	U,G	0.305
NB-28-35-SL	0.345	0.894	U,G	-0.0487	0.304	U,G				-0.0949	U,G	0.362	-0.177	U,G	0.298
NB-29-05-SL	1.12	0.844	G	0.0281	0.268	U,G				-0.143	U,G	0.296	0.0346	U,G	0.301
NB-29-14-SL	0.12	0.705	U,G	0.00447	0.243	U,G				0.0653	U,G	0.299	-0.19	U,G	0.292
NB-29-22-SL	0.327	0.695	U	0.00314	0.214	U				-0.115	U	0.543	-0.0304	U	0.233
NB-30-05-SL	1.41	1.12	G,TI	-0.172	0.449	U,G				-0.0349	U,G	1.1	-0.15	U,G	0.348
NB-30-15-SL	0.875	0.942	U,G	-0.0509	0.393	U,G				-0.134	U,G	1.22	-0.157	U,G	0.386
NB-30-25-SL	1.07	0.874	G	0.0226	0.342	U,G				0.12	U,G	0.267	-0.0321	U,G	0.369
NB-30-33-SL	0.32	0.74	U,G	-0.0114	0.314	U,G				-0.362	U,G	0.969	0	U,G	0.295
NB-31-05-SL	0.854	1.4	U,G	-0.00598	0.285	U,G				-0.0202	U,G	0.286	0	U,G	0.342
NB-31-15-SL	0.694	0.815	U,G	-0.0485	0.21	U,G				-0.0891	U,G	1.22	0.0904	U,G	0.234
NB-31-27-SL	0.742	0.742	G	-0.0724	0.373	U,G				-0.0637	U,G	1.09	-0.174	U,G	0.329
NB-31-32-SL	0.771	0.995	U,G	-0.00526	0.251	U,G				-0.152	U,G	0.274	-0.0449	U,G	0.336
NB-32-05-SL	1.02	0.997	G,TI	-0.0782	0.339	U,G				0.0654	U,G	0.262	-0.0633	U,G	0.337
NB-32-15-SL	0.951	0.906	G,TI	-0.0379	0.258	U,G				0.159	U,G	0.243	-0.108	U,G	0.361
NB-32-27-SL	1.06	0.94	G,TI	-0.00939	0.198	U,G				0.128	U,G	0.725	0.148	U,G	0.195
NB-32-33-SL	0.818	0.645	G,TI	0.124	0.0837	G,TI				0.168	U,G	0.215	0	U,G	0.265
NB-33-05-SL	0.99	0.961	G	-0.0193	0.262	U,G				-0.0909	U,G	0.712	0.0806	U,G	0.278
NB-33-15-SL	1.2	1.28	U,G	-0.0109	0.331	U,G				-0.0498	U,G	0.28	0	U,G	0.339
NB-33-27-SL	0.401	0.912	U	0.00659	0.294	U				-0.0948	U	0.678	-0.00375	U	0.196
NB-34-05-SL	1.07	1.04	G	-0.0166	0.39	U,G				-0.105	U,G	0.292	0.11	U,G	0.295
NB-34-15-SL	0.331	1.01	U,G	-0.00574	0.304	U,G				0.24	U,G	0.679	0.0145	U,G	0.253
NB-34-25-SL	0.546	0.889	U	0.0402	0.316	U				0.00581	U	0.2	0.0127	U	0.23
NB-35-01-SL	0.906	0.998	U,G	-0.0822	0.387	U,G				0.11	U,G	0.246	0.015	U,G	0.32
NB-35-15-SL	0.774	1.22	U,G	0.0209	0.317	U,G				-0.0313	U,G	0.268	0.115	U,G	0.25
NB-35-25-SL	0.987	0.786	G	0.028	0.277	U,G				-0.075	U,G	1.03	0	U,G	0.265
NB-36-05-SL	0.711	0.527	G,TI	0.0408	0.0553	U,G				-0.0437	U,G	1.03	-0.0963	U,G	0.297
NB-36-15-SL	1.17	1.2	U,G	0.0258	0.245	U,G				0.15	U,G	0.258	-0.17	U,G	0.38
NB-36-27-SL	1.33	0.856		-0.015	0.354	U				0.0365	U	0.251	-0.0826	U	0.309
NB-37-05-SL	1.16	0.978	G,TI	0.0121	0.22	U,G				-0.0959	U,G	1.07	-0.0739	U,G	0.342
NB-37-15-SL	0.632	1.12	U,G	0.0775	0.365	U,G				0.0457	U,G	0.244	0	U,G	0.292
NB-37-25-SL	1.37	0.906	G,TI	0.0449	0.0607	U,G				-0.444	U,G	1.1	0.103	U,G	0.274
NB-38-09-SL	0.862	0.989	U,G	-0.0184	0.257	U,G				-0.206	U,G	0.404	-0.234	U,G	0.292
NB-38-15-SL	0.719	0.887	U	-0.128	0.32	U				-0.182	U	0.4	-0.195	U	0.351
NB-38-25-SL	0.682	0.693	U	0.0674	0.2	U				-0.045	U	0.383	-0.118	U	0.296
NB-39-05-SL	0.876	1.23	U,G	-0.0876	0.344	U,G				0.364	U,G	1.07	0.0791	U,G	0.33
NB-39-15-SL	1.11	0.606	G	-0.0472	0.278	U,G				0.128	U,G	0.684	-0.0136	U,G	0.264

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241 (A)			Americium-241 (G)			Antimony-124		
	Result	MDL	Q	Result	MDL	Q	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-39-25-SL	0.747	0.874	U,G	-0.107	0.361	U,G				-0.112	U,G	0.26	-0.0594	U,G	0.325
NB-39-30-SL	1.31	0.868	G,TI	-0.107	0.403	U,G				0.22	U,G	1.03	0.0376	U,G	0.301
NB-40-05-SL	0.846	1.14	U,G	-0.00516	0.246	U,G				0.0778	U,G	0.244	-0.0605	U,G	0.371
NB-40-05-SL-FD	0.478	0.692	U	-0.00951	0.256	U				0.077	U	0.366	-0.22	U	0.294
NB-40-17-SL	1.07	0.802	G,TI	-0.0719	0.281	U,G				-0.0949	U,G	1.17	-0.128	U,G	0.381
NB-40-25-SL	0.807	0.738	TI	0.0457	0.277	U				0.0511	U	0.181	-0.0268	U	0.278
NB-40-31-SL	0.579	0.677	U	-0.00395	0.215	U				-0.289	U	0.334	0.00165	U	0.248
NB-41-05-SL	0.878	0.701		0.0433	0.0586	U				0.0858	U	0.98	-0.0799	U	0.312
NB-41-13-SL	0.425	0.701	U	-0.0121	0.286	U				-0.00526	U	0.173	-0.0235	U	0.236
NB-41-19-SL	0.253	0.832	U,G	0.078	0.242	U,G				-0.0494	U,G	0.35	-0.293	U,G	0.322
NB-42-05-SL	0.526	0.79	U,G	0.0104	0.244	U,G				-0.148	U,G	1.14	0.0574	U,G	0.245
NB-42-13-SL	0.358	0.767	U	-0.00443	0.211	U				0.0461	U	0.183	0.0129	U	0.274
NB-42-23-SL	0.208	0.759	U	-0.00533	0.248	U				0.0526	U	0.284	-0.272	U	0.349
NB-43-05-SL	0.638	0.726	U,G	-0.00664	0.201	U,G				0.398	U,G	0.855	-0.0552	U,G	0.271
NB-43-13-SL	0.117	0.749	U	-0.029	0.266	U				0.383	U	0.72	-0.0714	U	0.26
NB-44-05-SL	0.363	0.703	U	0.0958	0.264	U				0.0147	U	0.187	0.0253	U	0.23
NB-44-05-SL-FD	-0.00504	0.737	U,G	0.0484	0.24	U,G				-0.2	U,G	0.348	-0.143	U,G	0.275
NB-44-11-SL	0.308	0.503	U	0.0136	0.13	U				-0.175	U	0.689	0.0635	U	0.188
NB-44-18-SL	0.537	0.629	U	-0.0687	0.27	U				0.13	U	0.696	-0.0207	U	0.238
NB-45-05-SL	1.3	1.36	U,G	0.0292	0.278	U,G				0.0106	U,G	0.267	0	U,G	0.38
NB-45-05-SL-FD	1.34	1.28	G,TI	-0.053	0.416	U,G				-0.0597	U,G	0.307	-0.0512	U,G	0.354
NB-45-13-SL	1.01	0.925	G	0.0331	0.0897	U,G				0.0388	U,G	0.242	0.0642	U,G	0.313
NB-45-25-SL	1.18	0.862	G,TI	0.07	0.0946	U,G				0.0576	U,G	0.253	0.0847	U,G	0.307
NB-45-33-SL	0.377	0.694	U	-0.0278	0.28	U				-0.025	U	0.35	0.0194	U	0.206
NB-46-09-SL	1.07	0.9		-0.141	0.42	U				-0.0771	U	0.269	-0.0706	U	0.346
NB-46-17-SL	0.824	0.915	U,G	-0.209	0.363	U,G				-0.0396	U,G	0.385	0.102	U,G	0.324
NB-46-25-SL	0.816	0.872	U,G	0.0116	0.211	U,G				0.0613	U,G	1.02	0.0612	U,G	0.306
NB-46-29-SL	0.913	0.581	G,TI	0.0653	0.233	U,G				0.027	U,G	0.585	-0.00267	U,G	0.259
NB-47-05-SL	1.33	0.797	TI	-0.00634	0.192	U				-0.0815	U	0.992	0.0639	U	0.221
NB-47-15-SL	1.35	0.862	G	-0.0288	0.306	U,G				0.157	U,G	0.772	-0.0136	U,G	0.286
NB-47-25-SL	0.762	1.36	U,G	-0.047	0.356	U,G				0.0581	U,G	0.304	0.155	U,G	0.274
NB-47-31-SL	1.6	0.665	G	-0.00727	0.22	U,G				-0.296	U,G	1.16	0	U,G	0.281
NB-48-05-SL	1.24	0.856	G	0.0338	0.31	U,G				0.655	U,G	0.901	-0.012	U,G	0.301
NB-48-11-SL	1.28	0.906	G	-0.111	0.356	U,G				-0.108	U,G	0.833	0.0242	U,G	0.255
NB-48-15-SL	0.635	1.29	U,G	0.0919	0.257	U,G				-0.097	U,G	0.282	0.0634	U,G	0.356
NB-48-25-SL	1.1	0.637	G	-0.0306	0.24	U,G				-0.452	U,G	1.22	-0.0458	U,G	0.269
NB-48-35-SL	1.11	0.798	G,TI	0.0796	0.206	U,G				0.03	U,G	0.953	0.0121	U,G	0.314
NB-49-05-SL	1.18	1.48	U,G	0.0512	0.0693	U,G				0	U,G	1.01	-0.054	U,G	0.375
NB-49-05-SL-FD	0.962	0.935	G,TI	0.0321	0.087	U,G				0.0502	U,G	0.258	0.0466	U,G	0.313
NB-49-15-SL	1.07	1	G	-0.0879	0.345	U,G				-0.596	U,G	1.26	0.0264	U,G	0.324
NB-49-25-SL	1.04	1.05	U,G	0.0417	0.316	U,G				-0.149	U,G	0.797	0.116	U,G	0.26
NB-49-37-SL	0.544	0.957	U,G	-0.0103	0.313	U,G				0.15	U,G	0.195	-0.03	U,G	0.292
NB-50-05-SL	1.13	0.938	G,TI	-0.0598	0.328	U,G				-0.221	U,G	1.11	0.176	U,G	0.276

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241 (A)			Americium-241 (G)			Antimony-124		
	Result	MDL	Q	Result	MDL	Q	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-50-15-SL	1.5	0.911	G	-0.108	0.344	U,G				0.117	U,G	0.812	0.148	U,G	0.252
NB-50-25-SL	0.831	1.2	U,G	0.054	0.327	U,G				-0.0491	U,G	0.29	0.11	U,G	0.261
NB-50-37-SL	0.751	0.667	TI	0.0388	0.0524	U				0.221	U	0.874	0.0322	U	0.229
NB-51-05-SL	0.871	0.842	G	-0.0137	0.27	U,G				-0.263	U,G	1.1	-0.159	U,G	0.321
NB-51-13-SL	1.03	0.935	G	-0.0123	0.224	U,G				-0.716	U,G	1.26	0.052	U,G	0.284
NB-51-25-SL	0.963	0.747	G	-0.113	0.362	U,G				0.473	U,G	0.804	-0.0236	U,G	0.282
NB-51-37-SL	1.12	0.873	G	-0.00352	0.167	U,G				-0.0903	U,G	1.06	-0.0351	U,G	0.228
NB-52-05-SL	0.907	0.949	U,G	0	0.0913	U,G				-0.0293	U,G	0.25	0	U,G	0.335
NB-52-13-SL	1.34	0.889	G,TI	-0.0246	0.288	U,G				0.13	U,G	1.08	-0.0514	U,G	0.315
NB-52-25-SL	1.55	1.07	G	-0.0164	0.365	U,G				-0.0465	U,G	0.777	-0.0204	U,G	0.327
NB-52-35-SL	0.991	0.944	G,TI	-0.00541	0.258	U,G				0.0225	U,G	0.284	-0.0311	U,G	0.34
NB-53-05-SL	0.67	0.929	U,G	-0.0102	0.24	U,G				-0.102	U,G	0.934	0.0672	U,G	0.218
NB-53-13-SL	1.27	0.768	G	-0.018	0.244	U,G				-0.426	U,G	0.817	-0.0373	U,G	0.275
NB-53-23-SL	1.12	1.14	U,G	-0.0396	0.27	U,G				0.0162	U,G	0.27	0.146	U,G	0.271
NB-53-33-SL	1.16	0.854	G,TI	-0.0654	0.346	U,G				0.0891	U,G	0.731	-0.0137	U,G	0.267
NB-54-05-SL	0.942	0.862	G,TI	0.0822	0.213	U,G				0.155	U,G	1.09	-0.0491	U,G	0.335
NB-54-13-SL	1.47	1.09	G,TI	0.154	0.301	U,G				0.0677	U,G	1.15	0.0806	U,G	0.323
NB-54-25-SL	1.32	1.12	G	-0.0868	0.429	U,G				-0.0339	U,G	0.29	-0.0313	U,G	0.325
NB-54-31-SL	0.22	0.623	U	0.0444	0.244	U				0.0234	U	0.619	-0.00931	U	0.204
NB-55-05-SL	1.7	0.822	G,TI	-0.0106	0.322	U,G				-0.00828	U,G	0.27	0	U,G	0.318
NB-55-13-SL	0.919	0.911	G	0.0709	0.064	G,TI				-0.0936	U,G	1.14	-0.149	U,G	0.344
NB-55-25-SL	1.08	0.828	G,TI	0.0875	0.245	U,G				0.138	U,G	0.236	0.0892	U,G	0.29
NB-55-33-SL	0.54	0.644	U	0.0184	0.215	U				-0.363	U	0.779	0.00966	U	0.222
NB-56-05-SL	0.562	0.558		0.0316	0.176	U				-0.142	U	0.733	0.00645	U	0.257
NB-56-13-SL	0.806	1.14	U,G	-0.0239	0.369	U,G				-0.0316	U,G	1.1	-0.0503	U,G	0.327
NB-56-25-SL	1.32	1.09	G	0.0271	0.263	U,G				-0.0946	U,G	0.793	-0.0555	U,G	0.312
NB-56-33-SL	0.121	0.676	U	-0.0304	0.279	U				0.0535	U	0.788	0.032	U	0.228
NB-57-05-SL	0.961	1.11	U,G	-0.0121	0.333	U,G				-0.512	U,G	1.19	0.0884	U,G	0.322
NB-57-05-SL-FD	1.09	0.94	G,TI	-0.035	0.321	U,G				-0.0924	U,G	1.04	-0.0608	U,G	0.316
NB-57-15-SL	1.37	0.927	G,TI	-0.0117	0.212	U,G				-0.154	U,G	1.13	-0.0851	U,G	0.31
NB-57-29-SL	0.741	0.957	U,G	0.0851	0.0576	G,TI				0.0802	U,G	0.705	-0.0409	U,G	0.29
NB-57-34-SL	1.02	0.807	G,TI	0.0229	0.268	U,G				0.0604	U,G	0.925	-0.0716	U,G	0.304
NB-58-05-SL	1.06	0.753	G	0.0129	0.194	U,G				-0.503	U,G	0.888	0.103	U,G	0.253
NB-58-15-SL	0.966	1.11	U,G	0.0379	0.229	U,G				0.733	U,G	1.03	0	U,G	0.342
NB-58-29-SL	1.25	0.908	G	0.0601	0.205	U,G				0.0471	U,G	0.81	0.0462	U,G	0.283
NB-58-36-SL	0.516	1.04	U,G	-0.0112	0.308	U,G				-0.148	U,G	1.05	-0.0584	U,G	0.286
NB-59-05-SL	0.908	0.825	G,TI	0.0128	0.192	U,G				0.12	U,G	0.732	0.0589	U,G	0.244
NB-59-13-SL	1.33	0.796	G,TI	-0.0356	0.215	U,G				-0.219	U,G	1.1	-0.025	U,G	0.352
NB-59-25-SL	0.976	0.899	G,TI	-0.0387	0.239	U,G				0.0704	U,G	0.714	0.0478	U,G	0.23
NB-59-31-SL	0.791	1.05	U,G	-0.108	0.363	U,G				0.0468	U,G	0.215	-0.0298	U,G	0.342
NB-60-05-SL	1.11	0.738	G,TI	0.051	0.266	U,G				-0.102	U,G	0.814	0.0346	U,G	0.266
NB-60-13-SL	1.3	1.29	G,TI	0.1	0.281	U,G				0.0138	U,G	0.258	-0.0162	U,G	0.315
NB-60-23-SL	0.566	0.901	U,G	0.0336	0.262	U,G				-0.0281	U,G	0.389	-0.0539	U,G	0.28

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241 (A)			Americium-241 (G)			Antimony-124		
	Result	MDL	Q	Result	MDL	Q	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-60-31-SL	0.679	1.02	U,G	0.028	0.267	U,G				0.035	U,G	0.237	-0.109	U,G	0.313
NB-61-05-SL	1.02	0.958	G,TI	-0.0117	0.213	U,G				-0.433	U,G	1.22	-0.0119	U,G	0.326
NB-61-13-SL	1.12	1.12	G,TI	0.0499	0.391	U,G				-0.00288	U,G	0.291	0.0778	U,G	0.259
NB-61-23-SL	0.792	1.04	U,G	-0.0902	0.348	U,G				0.0595	U,G	0.923	-0.115	U,G	0.319
NB-61-28-SL	0.777	0.705	TI	-0.0638	0.26	U				-0.0372	U	0.664	0.0405	U	0.22
NB-62-05-SL	0.859	1.03	U,G	-0.054	0.426	U,G				-0.121	U,G	0.27	0.0942	U,G	0.262
NB-62-12-SL	0.103	0.74	U,G	-0.026	0.276	U,G				-0.0142	U,G	0.554	-0.152	U,G	0.303
NB-62-22-SL	-0.0536	1.07	U,G	-0.142	0.401	U,G				-0.0198	U,G	0.207	0.133	U,G	0.257
NB-63-05-SL	0.992	0.908	G,TI	0.0519	0.407	U,G				-0.12	U,G	0.273	-0.125	U,G	0.376
NB-63-13-SL	0.595	0.833	U,G	0.0707	0.276	U,G				0.28	U,G	0.808	0.0348	U,G	0.226
NB-63-19-SL	0.258	0.639	U	0.00331	0.225	U				-0.104	U	0.654	0.0938	U	0.181
NB-64-05-SL	0.854	0.612	G,TI	0.0043	0.292	U,G				0.09	U,G	0.783	-0.0757	U,G	0.348
NB-64-13-SL	0.343	0.933	U,G	0.0959	0.0865	G,TI				0.0388	U,G	0.202	-0.0438	U,G	0.328
NB-64-17-SL	0.257	0.786	U,G	-0.0173	0.235	U,G				0.235	U,G	0.525	-0.184	U,G	0.286
NB-65-05-SL	0.692	0.847	U,G	0	0.0636	U,G				-0.338	U,G	0.798	0.0817	U,G	0.257
NB-65-13-SL	0.66	0.854	U,G	-0.105	0.336	U,G				0.0689	U,G	0.677	-0.0551	U,G	0.254
NB-65-17-SL	0.54	0.643	U,G	-0.043	0.326	U,G				0.0447	U,G	0.196	-0.0883	U,G	0.322
NB-66-05-SL	0.024	1.36	U,G	-0.0573	0.449	U,G				-0.0927	U,G	0.262	-0.156	U,G	0.378
NB-66-05-SL-FD	1.45	1.04	G,TI	0.0276	0.419	U,G				-0.167	U,G	0.323	0.0188	U,G	0.34
NB-66-15-SL	1.42	0.722	G,TI	-0.147	0.448	U,G				-0.356	U,G	1.07	0.0966	U,G	0.271
NB-66-19-SL	0.377	0.72	U	0.112	0.176	U				-0.087	U	0.606	-0.00121	U	0.229
NB-67-05-SL	0.865	1.19	U,G	0.029	0.276	U,G				-0.0181	U,G	0.263	0.0946	U,G	0.275
NB-67-11-SL	0.399	0.697	U,G	0.0791	0.207	U,G				-0.107	U,G	0.344	-0.0813	U,G	0.261
NB-67-21-SL	0.404	0.575	U	0.0771	0.0521	TI				-0.102	U	0.769	-0.00958	U	0.21
NB-68-05-SL	1.23	0.826	G	0.00665	0.227	U,G				-0.0511	U,G	0.41	-0.252	U,G	0.312
NB-68-13-SL	1.23	1.08	G,TI	-0.0526	0.415	U,G				-0.0916	U,G	0.265	-0.0142	U,G	0.287
NB-68-17-SL	1.06	0.924	G,TI	0.012	0.218	U,G				0.38	U,G	0.982	0.0708	U,G	0.245
NB-68-25-SL	1.62	0.833	G	0.081	0.29	U,G				-0.0112	U,G	0.715	0.0248	U,G	0.285
NB-68-33-SL	0.142	1.13	U,G	-0.0457	0.358	U,G				0.037	U,G	0.209	0.0689	U,G	0.268
NB-69-05-SL	0.708	0.689	G	0.0136	0.247	U,G				-0.0331	U,G	0.376	-0.177	U,G	0.368
NB-69-15-SL	0.651	0.95	U,G	-0.00073	0.258	U,G				0.00645	U,G	0.358	-0.158	U,G	0.267
NB-69-22-SL	1.04	0.739	G	-0.143	0.354	U,G				-0.0553	U,G	0.569	-0.165	U,G	0.424
NB-69-34-SL	0.627	0.772	U	-0.0583	0.272	U				0.0256	U	0.358	-0.148	U	0.265
NB-70-05-SL	1.28	0.727	G	-0.0214	0.312	U,G				-0.181	U,G	0.421	-0.315	U,G	0.402
NB-70-15-SL	1.3	0.793	G,TI	-0.00544	0.288	U,G				-0.104	U,G	0.724	0.141	U,G	0.222
NB-70-23-SL	0.883	0.855	G	-0.0382	0.323	U,G				-0.145	U,G	0.434	-0.305	U,G	0.319
NB-70-33-SL	0.793	0.818	U,G	-0.0989	0.341	U,G				-0.18	U,G	0.42	-0.141	U,G	0.278
NB-71-01-SL	0.846	0.982	U,G	-0.0549	0.258	U,G				0.266	U,G	1.09	0.0574	U,G	0.251
NB-71-01-SL-FD	0.974	1.06	U,G	-0.0128	0.232	U,G				-0.473	U,G	1.3	0.0891	U,G	0.353
NB-71-11-SL	1.47	1.14	G,TI	0.0919	0.0829	G,TI				0.0332	U,G	0.248	-0.028	U,G	0.329
NB-71-27-SL	0.574	0.83	U,G	-0.0744	0.267	U,G				0.0869	U,G	0.901	0.0106	U,G	0.226
NB-72-05-SL	0.65	0.798	U,G	-0.0356	0.215	U,G				-0.157	U,G	0.995	0.0118	U,G	0.222
NB-72-11-SL	0.261	1.28	U,G	0.117	0.106	G,TI				-0.12	U,G	0.279	0.0179	U,G	0.298

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241 (A)			Americium-241 (G)			Antimony-124		
	Result	MDL	Q	Result	MDL	Q	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-72-19-SL	0.342	0.734	U	0.0493	0.198	U				0.0191	U	0.341	-0.0907	U	0.263
NB-72-22-SL	0.35	0.749	U	-0.0137	0.323	U				0.0345	U	0.176	-0.0628	U	0.26
NB-73-05-SL	0.304	1.02	U,G	0.0292	0.278	U,G				-0.0212	U,G	0.22	0.032	U,G	0.267
NB-73-13-SL	0.0204	1.06	U,G	-0.119	0.427	U,G				0.103	U,G	0.194	-0.0593	U,G	0.289
NB-73-23-SL	0.0184	0.954	U	0.0146	0.344	U				0.0177	U	0.195	0.0535	U	0.212
NB-74-05-SL	0.962	0.978	U,G	-0.103	0.355	U,G				-0.166	U,G	0.434	-0.0929	U,G	0.302
NB-74-17-SL	0.921	1.04	U,G	0.0149	0.226	U,G				0.558	U,G	1.15	0.0118	U,G	0.29
NB-74-25-SL	0.682	1.01	U,G	-0.0237	0.366	U,G				0.0676	U,G	1.1	-0.119	U,G	0.337
NB-74-33-SL	0.532	0.678	U,G	0.0816	0.0552	G,TI				-0.0622	U,G	0.664	-0.0177	U,G	0.219
NB-75-08-SL	0.852	0.943	U,G	-0.0475	0.206	U,G				-0.348	U,G	1.2	0.0654	U,G	0.212
NB-75-15-SL	0.647	1.02	U,G	0.0225	0.264	U,G				0.00473	U,G	1.05	-0.0687	U,G	0.287
NB-75-19-SL	0.216	0.782	U	0.032	0.178	U				0.246	U	0.47	-0.124	U	0.245
NB-76-06-SL	-0.0767	0.911	U,G	0.0949	0.0642	G,TI				-0.496	U,G	1.06	-0.0827	U,G	0.272
NB-76-10-SL	-0.0347	0.727	U	0.0115	0.173	U				-0.0941	U	0.565	0.018	U	0.228
NB-76-24-SL	0.218	0.863	U	0.0539	0.0729	U				0.0245	U	0.167	-0.074	U	0.248
NB-77-05-SL	0.376	0.628	U,G	-0.0154	0.286	U,G				0.0606	U,G	0.316	0.0228	U,G	0.261
NB-77-13-SL	0.205	0.72	U	0.0859	0.0581	TI				0.118	U	0.877	0.0321	U	0.215
NB-77-24-SL	0.14	0.817	U	-0.103	0.271	U				0	U	0.599	-0.0334	U	0.237
NB-78-07-SL	0.94	0.955	U,G	-0.0885	0.417	U,G				0.0599	U,G	0.259	-0.0486	U,G	0.305
NB-78-11-SL	0.533	0.866	U,G	0.0169	0.258	U,G				-0.11	U,G	0.357	0.0455	U,G	0.246
NB-78-18-SL	0.74	0.813	U,G	-0.00708	0.214	U,G				0.0152	U,G	1.04	0.0557	U,G	0.237
NB-79-05-SL	0.952	0.683	G,TI	0.0577	0.25	U,G				0.0123	U,G	0.26	0.0422	U,G	0.265
NB-79-05-SL-FD	1.09	0.823	G,TI	0.0104	0.244	U,G				0.089	U,G	1.12	0.0639	U,G	0.214
NB-79-11-SL	0.699	0.763	U,G	0.152	0.25	U,G				0.00956	U,G	0.225	-0.0564	U,G	0.266
NB-79-24-SL	1.08	0.8	TI	0.0231	0.224	U				0.414	U	0.51	0.0156	U	0.238
NB-80-05-SL	0.987	0.573	G,TI	-0.0357	0.243	U,G				0.0119	U,G	0.207	0.0138	U,G	0.269
NB-80-11-SL	0.329	0.575	U,G	0.00076	0.229	U,G				-0.173	U,G	0.38	-0.0822	U,G	2.4
NB-80-27-SL	0.673	0.999	U,G	0.0703	0.0634	G,TI				0.314	U,G	1	-0.0691	U,G	0.277
NB-81-09-SL	0.828	0.716	G	0	0.0534	U,G				-0.239	U,G	1.11	-0.0395	U,G	0.27
NB-81-11-SL	1.03	0.851	G,TI	0.023	0.0623	U,G				0.0201	U,G	0.774	-0.104	U,G	0.28
NB-81-31-SL	0.374	0.711	U,G	0.143	0.152	U,G				-0.0462	U,G	0.337	-0.0733	U,G	0.316
NB-82-05-SL	0.865	0.731	G	-0.0613	0.337	U,G				0.186	U,G	1.18	-0.0241	U,G	0.319
NB-82-11-SL	0.109	0.78	U	0.0456	0.174	U				-0.172	U	0.319	-0.147	U	0.26
NB-82-20-SL	0.0776	0.709	U	0.0117	0.176	U				0.114	U	0.577	-0.0802	U	0.236
NB-83-05-SL	1.4	1.54	U,G	-0.00652	0.311	U,G				0.0102	U,G	0.296	0	U,G	0.321
NB-83-11-SL	0.185	0.547	U,G	-0.05	0.247	U,G				0.0797	U,G	0.33	-0.0819	U,G	0.257
NB-83-23-SL	-0.0743	0.899	U	0.0316	0.176	U				0.0522	U	0.514	-0.0133	U	0.19
NB-84-05-SL	0.0546	1.6	U,G	-0.019	0.448	U,G				0.162	U,G	0.275	-0.0852	U,G	0.392
NB-84-15-SL	0.573	0.974	U,G	0.0485	0.239	U,G				0.00697	U,G	0.374	-0.215	U,G	0.379
NB-84-23-SL	0.304	0.691	U,G	0.0803	0.0543	G,TI				-0.358	U,G	0.96	-0.0104	U,G	0.227
NB-84-33-SL	0.432	0.714	U	0.0104	0.189	U				-0.227	U	0.934	0.0717	U	0.218
NB-85-05-SL	0.607	1.06	U,G	0.118	0.194	U,G				-0.175	U,G	1.3	0.0421	U,G	0.282
NB-85-15-SL	1.1	0.622	G	-0.0343	0.269	U,G				0.163	U,G	1.12	0	U,G	0.295

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241 (A)			Americium-241 (G)			Antimony-124		
	Result	MDL	Q	Result	MDL	Q	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-85-25-SL	1.33	1.09	G	0.0428	0.186	U,G				0.15	U,G	1.3	0.0268	U,G	0.329
NB-85-35-SL	-0.0859	0.594	U	-0.0157	0.213	U				0.123	U	0.428	0.0353	U	0.205
NB-86-05-SL	0.443	1.42	U,G	-0.00667	0.318	U,G				-0.00694	U,G	0.309	-0.0602	U,G	0.378
NB-86-15-SL	1.35	0.738	G,TI	0.063	0.176	U,G				-0.571	U,G	1.12	0.0767	U,G	0.222
NB-86-19-SL	0.425	0.877	U,G	0.0466	0.244	U,G				0.206	U,G	0.564	0.0982	U,G	0.235
OA-18-03-SL	0.895	0.757		0.114	0.179	U				-0.067	U	0.723	-0.027	U	0.268
OA-18-17-SL	1.28	0.937	G	0.0125	0.188	U,G				-0.154	U,G	0.649	0.00813	U,G	0.263
OA-18-25-SL	1.16	1.27	U,G	0.0224	0.339	U,G				0.0495	U,G	0.264	0.111	U,G	0.329
OA-18-33-SL	0.858	0.832		-0.0158	0.215	U				-0.104	U	0.664	-0.0421	U	0.281
OA-19-05-SL	1.31	0.992	TI	0.0247	0.235	U				0.118	U	0.229	0	U	0.315
OA-19-15-SL	1.17	0.895	G	-0.038	0.234	U,G				0.0671	U,G	0.757	-0.0289	U,G	0.279
OA-19-25-SL	1.61	0.965	G	-0.0152	0.357	U,G				0.0329	U,G	0.246	0.0144	U,G	0.322
OA-19-33-SL	0.393	0.753	U	0.0807	0.0546	TI				-0.0489	U	0.649	-0.00895	U	0.229
PL-04-05-SL	0.732	1.15	U,G	-0.0374	0.342	U,G				-0.362	U,G	1.15	-0.138	U,G	0.343
PL-04-13-SL	0.547	1.06	U,G	-0.0728	0.315	U,G				0.0392	U,G	0.248	-0.101	U,G	0.316
PL-04-23-SL	1.39	0.851	TI	0.0885	0.0599	TI				0.292	U	0.949	-0.134	U	0.31
PL-04-31-SL	1.16	0.675	G	0.0572	0.195	U,G				0.103	U,G	0.749	0.07	U,G	0.231
PL-05-05-SL	1.34	0.653	G,TI	0.0373	0.162	U,G				0.334	U,G	1.05	-0.0855	U,G	0.257
PL-05-15-SL	1.2	0.857	TI	-0.0887	0.342	U				0.117	U	0.993	0.0442	U	0.287
PL-05-28-SL	1.27	0.783	G,TI	0.073	0.245	U,G				-0.104	U,G	1.11	-0.0219	U,G	0.227
PL-06-07-SL	0.974	0.742	G,TI	-0.0742	0.302	U,G				-0.0696	U,G	0.718	-0.00896	U,G	0.317
PL-06-13-SL	0.991	0.87	G,TI	0.0684	0.0617	G,TI				-0.328	U,G	0.881	-0.16	U,G	0.348
PL-06-17-SL	0.822	0.779	G	-0.0281	0.213	U,G				-0.625	U,G	1.27	-0.118	U,G	0.284
PL-06-29-SL	0.211	0.782	U	-0.0991	0.263	U				-0.137	U	0.364	0.0389	U	0.211
PL-06-33-SL	0.0343	0.833	U	-0.0623	0.243	U				-0.192	U	0.839	0.0885	U	0.229
RR-04-07-SL	0.991	1.19	U,G	-0.0871	0.41	U,G				0.0453	U,G	0.295	-0.117	U,G	0.374
RR-04-15-SL	0.968	0.762	G	0.0176	0.167	U,G				0.331	U,G	1.11	0.0809	U,G	0.193
RR-04-25-SL	0.671	1.23	U,G	-0.0113	0.343	U,G				-0.0353	U,G	0.272	0.0811	U,G	0.346
RR-05-05-SL	0.583	1.15	U,G	0.0613	0.223	U,G				0.518	U,G	1.1	-0.0775	U,G	0.335
RR-05-05-SL-FD	0.681	1.1	U,G	0.0309	0.294	U,G				-0.0547	U,G	0.32	0.0538	U,G	0.313
RR-05-15-SL	0.776	0.808	U,G	0.0105	0.247	U,G				0.569	U,G	0.961	-0.0582	U,G	0.248
RR-05-25-SL	1.18	0.887	G,TI	0.0648	0.235	U,G				0.103	U,G	1.11	0.0956	U,G	0.342
SW-02-01-SL	2.38	1.11	G	-0.0623	0.348	U,G				0.306	U,G	1.2	0.138	U,G	0.284
SW-02-09-SL	0.854	1.01	U,G	0.00372	0.252	U,G				-0.0874	U,G	0.757	0.0182	U,G	0.278
SW-02-15-SL	1.4	1.11	G	-0.0526	0.406	U,G				-0.347	U,G	1.26	-0.0536	U,G	0.366
SW-02-23-SL	1.25	0.744	G	0.0569	0.194	U,G				0.134	U,G	0.783	-0.0827	U,G	0.281
SW-05-08-SL	1.41	0.965	G,TI	0.0373	0.226	U,G				-0.0656	U,G	1.23	-0.22	U,G	0.404
SW-05-12-SL	0.884	0.835	G,TI	0.0703	0.0634	G,TI				0.0511	U,G	0.763	-0.0418	U,G	0.312
SW-06-05-SL	1.08	0.767	G	0.0146	0.222	U,G				0.235	U,G	1.18	0.227	G,TI	0.22
SW-06-05-SL-FD	0.907	1.14	U,G	-0.0629	0.351	U,G				0.0103	U,G	0.76	-0.0428	U,G	0.315
SW-06-13-SL	1.09	1.18	U,G	-0.011	0.333	U,G				0.0429	U,G	0.249	-0.182	U,G	0.414
SW-06-23-SL	1.03	0.792	G	-0.0548	0.342	U,G				0.0153	U,G	0.419	-0.199	U,G	0.36
SW-07-05-SL	0.89	0.962	U,G	0.00374	0.254	U,G				-0.47	U,G	0.785	0.00753	U,G	0.236

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Actinium-228			Aluminum-26			Americium-241 (A)			Americium-241 (G)			Antimony-124		
	Result	MDL	Q	Result	MDL	Q	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SW-07-15-SL	1.36	1.05	G,TI	-0.00587	0.28	U,G				-0.165	U,G	0.313	-0.0177	U,G	0.406
SW-07-23-SL	0.92	0.845	G	0.111	0.237	U,G				-0.0533	U,G	0.439	-0.242	U,G	0.352
SW-08-03-SL	1.15	0.888	G	-0.129	0.5	U,G				-0.0587	U,G	0.259	0.0467	U,G	0.293
SW-08-05-SL	0.876	0.881	U,G	0.0832	0.216	U,G				0.0942	U,G	0.985	-0.0751	U,G	0.325
SW-08-15-SL	1.09	1.24	U,G	-0.00596	0.284	U,G				0.0729	U,G	0.249	-0.0864	U,G	0.378
SW-08-25-SL	-0.157	0.694	U	0.00616	0.243	U				-0.25	U	0.807	0.0512	U	0.193

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Antimony-125			Beryllium-7			Bismuth-212			Bismuth-214			Cadmium-109		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-13-09-SL	-0.0728	U,G	0.438	0.129	U,G	1.56	-0.716	U,G	3.09	0.566	G,J	0.554	1.04	U,G	2.42
BD-13-15-SL	0.0106	U,G	0.467	0	U,G	1.54	0.487	U,G	2.88	0.484	U,G,J	0.553	1.48	U,G	3.45
BD-13-23-SL	-0.159	U,G	0.493	-0.185	U,G	2.08	2.26	U,G	2.64	0.843	G,J	0.417	2.64	U,G	3.5
BD-13-30-SL	0.0645	U,G	0.448	0.0563	U,G	1.61	1.09	U,G	2.48	0.538	G,J	0.349	1.08	U,G	4.19
BD-14-05-SL	-0.0807	U,G	0.526	0.43	U,G	1.95	1.63	U,G	3.48	0.934	G,J	0.494	1.93	U,G	2.38
BD-14-13-SL	-0.0279	U,G	0.446	-0.483	U,G	1.98	2.09	U,G	2.43	0.58	G,J	0.451	2.36	U,G	3.49
BD-14-25-SL	-0.0762	U	0.497	-0.102	U	2.04	1.73	U	3.28	0.893	J	0.364	1.94	U	2.45
BD-14-31-SL	0.00963	U	0.428	0.104	U	1.64	1.43	U	2.74	0.0116	UJ	0.536	0.307	U	2.16
BD-15-05-SL	-0.0153	U,G	0.419	0.654	U,G	1.3	2.07	U,G	2.23	0.829	G,J	0.462	1.75	U,G	3.08
BD-15-17-SL	0.139	U,G	0.523	1.45	U,G	2.09	2.19	U,G	4.43	0.863	G,J	0.642	0.951	U,G	3.08
BD-15-25-SL	0.204	U	0.315	0.354	U	1.33	1.36	U	1.6	0.555	J	0.406	1.75	U	3
BD-15-31-SL	-0.128	U,G	0.526	-0.95	U,G	2.67	1.72	U,G	4.18	0.946	G,J	0.578	3.12	U,G	3.78
BD-16-05-SL	0.0989	U,G	0.489	-0.24	U,G	2.82	0.375	U,G	4.02	0.716	G,J	0.592	1.15	U,G	2.8
BD-16-15-SL	-0.0376	U,G	0.442	-0.0905	U,G	1.76	3.4	G,TI	1.95	1.18	G,J	0.448	2.79	U,G	3.64
BD-16-19-SL	-0.0702	U,G	0.601	-1.23	U,G	2.47	2.81	U,G	3.18	0.886	G,J	0.414	0.765	U,G	5.36
BD-16-25-SL	0.106	U,G	0.524	0	U,G	2.59	1.25	U,G	3.61	1.09	G,J	0.535	1.05	U,G	2.32
BD-16-34-SL	0.149	U,G	0.408	0.28	U,G	1.99	2.36	U,G	3.16	0.602	G,J	0.446	3.07	U,G	4.28
BLD240-01-01	0.28	U	0.37	0.58	U	1.63	0.8	U	2.2	0.69		0.39	3	U	4.9
BLD240-01-09	0.01	U	0.47	1.1	U	1.29	1.2	U	2.2	0.9		0.5	1.5	U	4.7
BLD240-01-09FD	0.04	U	0.38	0.09	U	1.55	0.7	U	2.5	0.56		0.44	2.4	U	4
BLD240-01-31															
BLD240-03-04	-0.1	U	0.5	0.67	U	1.44	2.3	U	3.5	0.92		0.53	0.6	U	3
BLD240-03-04FD	-0.17	U	0.54	-0.28	U	1.6	2	U	2.3	0.73		0.45	0.7	U	4.9
BLD240-03-14															
BLD240-03-19	0.1	U	0.49	1	U	1.7	1.5	U	3.1	0.98		0.49	1	U	3
BLD240-04-02	-0.17	U	0.52	0.26	U	1.72	1.6	U	2.3	0.45		0.44	-0.4	U	4.6
BLD240-04-04	-0.01	U	0.44	0.52	U	1.22	1	U	2.3	0.68		0.44	-0.2	U	4.7
BLD240-04-33															
BLD240-05-01	-0.12	U	0.46	-0.5	U	2.02	0.4	U	3.1	0.87		0.43	1.9	U	3
BLD240-05-02	-0.08	U	0.49	0.3	U	1.9	0.8	U	2.7	0.67		0.51	2	U	2.7
BLD253-02-01	-0.09	U	0.36	0.4	U	1.29	0.6	U	1.7	0.95		0.29	1.3	U	2.6
BLD253-02-04	-0.03	U	0.45	-0.3	U	2	1.6	U	3	0.85		0.41	6.2	SI	2.4
BLD253-02-21FD	0.02	U	0.38	0.26	U	1.25	1	U	2.1	0.77		0.4	1.4	U	4.5
BLD253-02-21															
BLD255-05-01															
BLD255-05-23															
BLD255-07-02	0.1	U	0.37	0.61	U	1.43	-0.3	U	2.8	0.37	U	0.42	4.3	SI	4
BLD255-07-15	-0.15	U	0.54	0.28	U	1.62	2.3	U	3	0.75		0.47	1.2	U	2.5
BLD255-07-33															
BLD255-08-01	-0.08	U	0.5	0.3	U	1.5	-0.1	U	2.9	0.81		0.39	14.1	SI	7.3
BLD255-08-08	0.07	U	0.54	-0.1	U	1.92	2.2	U	3.2	1.12		0.57	0.7	U	2.8
BLD260-06-01	0	U	0.47	-0.15	U	1.49	-1.7	U	3.6	0.86		0.39	2.3	U	3.7
BLD260-06-03	0.05	U	0.58	-0.3	U	2.2	0.7	U	4.1	1.26		0.61	2.1	U	3

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Antimony-125			Beryllium-7			Bismuth-212			Bismuth-214			Cadmium-109		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BLD260-06-31															
BP-13-05-SL	-0.19	U,G	0.525	-0.474	U,G	2.28	2.37	U,G	2.38	0.698	G,J	0.414	2.67	G,SI	2.49
BP-13-11-SL	-0.0228	U,G	0.386	-0.975	U,G	2.3	2.53	G,TI	2.33	0.998	G,J	0.366	-0.0578	U,G	4.05
BP-13-15-SL	-0.00981	U,G	0.468	-0.115	U,G	2.16	1.24	U,G	3.01	0.662	G,J	0.54	-0.1	U,G	2.84
BP-13-25-SL	-0.0611	U,G	0.622	-0.935	U,G	2.84	1.22	U,G	3.71	0.811	G,J	0.55	2.66	U,G	3.65
BP-13-35-SL	0	U,G	0.378	0.761	U,G	1.7	1.79	U,G	1.88	0.707	G,J	0.419	2.06	U,G	3.13
BP-17-05-SL	-0.0255	U,G	0.585	-0.366	U,G	2.67	-0.772	U,G	4.49	0.593	G,J	0.466	1.22	U,G	2.8
BP-17-15-SL	0.0309	U	0.34	-0.336	U	1.69	0.729	U	2.47	0.894	J	0.29	1.45	U	2.33
BP-17-23-SL	-0.0513	U,G	0.387	-0.901	U,G	2.21	3.06	G,TI	2.8	0.771	G,J	0.413	2.72	U,G	4.01
BP-17-31-SL	0.232	U,G	0.462	0	U,G	2.33	1.02	U,G	3.77	0.923	G,J	0.508	2.64	G,SI	2.46
BP-18-05-SL	-0.0211	U,G	0.541	0.352	U,G	2.04	-1.04	U,G	4.33	0.768	G,J	0.557	-0.521	U,G	5.35
BP-18-15-SL	0	U,G	0.581	-0.249	U,G	2.34	1.46	U,G	2.9	0.941	G,J	0.61	2	U,G	3.08
BP-18-25-SL	-0.232	U,G	0.719	-0.235	U,G	2.54	1.06	U,G	3.67	0.995	G,J	0.542	2.03	U,G	5.04
BP-18-31-SL	0.0282	U	0.31	0.217	U	1.02	0.0894	U	1.8	0.474	J	0.306	0.789	U	2.67
BP-19-05-SL	-0.118	U	0.374	0.0738	U	1.53	1.25	U	2.6	0.611	J	0.417	0.236	U	3.66
BP-19-13-SL	-0.186	U	0.577	-0.175	U	1.95	1.26	U	3	1.02	J	0.401	2.24	U	4.2
BP-19-25-SL	0.0813	U,G	0.396	0.41	U,G	1.7	1.02	U,G	2.37	0.7	G,J	0.299	1.16	U,G	3.72
BP-19-29-SL	0.0995	U	0.487	0.416	U	1.73	-0.424	U	3.54	0.602	J	0.593	0.93	U	2.33
BP-20-03-SL	0.283	U	0.425	0.206	U	1.8	2.65	U	2.82	0.833	J	0.437	0.955	U	2.36
BP-20-19-SL	-0.00849	U,G	0.564	-0.0591	U,G	1.99	0.116	U,G	3.43	0.738	G,J	0.522	0	U,G	5.02
BP-20-27-SL	-0.0179	U	0.35	-0.299	U	1.55	0.184	U	2.48	0.291	UJ	0.345	0.204	U	2.96
BP-21-07-SL	0.0474	U,G	0.501	-0.23	U,G	2.24	1.21	U,G	3.69	0.622	G,J	0.565	0.65	U,G	2.94
BP-21-07-SL-FD	0.175	U	0.461	-0.882	U	2.42	1.19	U	3.21	1.04	J	0.468	2.47	U	2.94
BP-21-13-SL	-0.297	U	0.456	-0.159	U	1.69	0.833	U	2.26	0.961	J	0.374	1.66	U	3.58
BP-21-24-SL	-0.104	U,G	0.54	0.114	U,G	1.71	-0.0765	U,G	3.99	1.01	G,J	0.535	0.413	U,G	2.81
BP-21-34-SL	0.116	U	0.38	0.117	U	1.8	-0.725	U	3.62	0.446	J	0.339	1.64	U	3.66
BP-22-05-SL	0.0178	U,G	0.387	-0.17	U,G	2.12	1.38	U,G	2.64	0.949	G,J	0.448	0.0772	U,G	3.9
BP-22-13-SL	0.0267	U,G	0.464	0.589	U,G	1.74	0.936	U,G	2.89	0.698	G,J	0.464	-0.806	U,G	4.89
BP-22-23-SL	0.152	U	0.303	0.303	U	1.48	1.43	U	2.73	0.465	J	0.381	1.92	U	3.34
BP-22-33-SL	0.0746	U	0.369	0.649	U	1.55	1.15	U	3.01	0.398	J	0.333	1.1	U	1.89
CB-02-05-SL	-0.175	U,G	0.543	-0.758	U,G	1.93	-0.14	U,G	2.58	0.556	G,J	0.484	0.766	U,G	4.78
CB-02-05-SL-FD	0.158	U,G	0.644	0.721	U,G	2.01	2.01	U,G	3.2	1.01	G,J	0.617	2.01	U,G	5.06
CB-02-15-SL	0.0517	U,G	0.524	0.429	U,G	2.05	0.771	U,G	2.84	0.66	G,J	0.5	1.79	U,G	3.12
CB-02-25-SL	0.0524	U,G	0.507	-0.881	U,G	2.68	0.443	U,G	3.65	0.646	G,J	0.518	2.04	U,G	4.24
DM-02-05-SL	-0.033	U	0.529	0.724	U	2.32	1.23	U	3.42	0.59	J,TI	0.532	3.63	SI	2.86
DM-02-17-SL	0.216	U,G	0.402	0.389	U,G	1.83	2.83	G,TI	2.81	0.823	G,J	0.512	3.52	U,G	4.28
DM-02-22-SL	-0.0671	U	0.539	0.334	U	2.02	0.0727	U	4.08	0.686	J	0.501	7.41	SI	3.25
DM-02-33-SL	0.138	U	0.318	0.159	U	1.74	0.23	U	2.77	0.697	J	0.391	3.51	U	4.77
DM-03-05-SL	0.173	U,G	0.435	-0.633	U,G	2.26	0.244	U,G	3.03	0.716	G,J	0.475	-0.313	U,G	4.37
DM-03-05-SL-FD	0.00735	U,G	0.605	0.13	U,G	2.6	0.39	U,G	4.19	1.51	G,J	0.349	1.77	U,G	2.64
DM-03-13-SL	0.101	U,G	0.396	-0.173	U,G	2.08	1.62	U,G	2.47	1.17	G,J	0.396	3.06	U,G	3.7
DM-03-25-SL	-0.0317	U,G	0.537	0.994	U,G	2.07	0.669	U,G	3.46	1.1	G,J	0.517	0	U,G	2.78
DM-03-34-SL	0.106	U,G	0.414	0.352	U,G	1.93	0.919	U,G	2.61	0.437	G,J	0.344	1.53	U,G	3.72

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Antimony-125			Beryllium-7			Bismuth-212			Bismuth-214			Cadmium-109		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
EP-13-03-SL	-0.0778	UJ	0.511	-0.0239	UJ	1.77	2.08	U	2.57	1.05	J	0.498	3.31	UJ	5.57
EP-13-13-SL	-0.132	UJ	0.602	-1.37	UJ	3.11	1.11	UJ	3.5	1.18	J	0.64	-0.179	UJ	3.05
EP-13-25-SL	0.0854	UJ	0.48	-0.347	UJ	2.02	2.25	U	2.57	0.821	J	0.429	2.44	UJ	4.42
EP-13-30-SL	-0.00248	UJ	0.377	0.773	UJ	1.67	0.907	UJ	2.58	0.705	J	0.475	1.24	UJ	3.69
EP-14-05-SL	-0.0157	UJ	0.542	0.273	UJ	2.38	2.91	U	3.61	0.779	J	0.439	-0.0151	UJ	3.07
EP-14-13-SL	0.0111	UJ	0.508	-0.0834	UJ	1.91	0.79	UJ	2.7	0.77	J	0.468	2.14	UJ	4.39
EP-14-25-SL	0.0567	UJ	0.468	0.144	UJ	2.21	3.26	J	2.76	0.961	J	0.503	0.0899	UJ	4.96
EP-14-31-SL	-0.0869	UJ	0.459	-0.177	UJ	1.99	0.0151	UJ	2.56	0.572	J	0.34	1.94	UJ	3.53
EP-15-05-SL	-0.183	U,G	0.623	0.0132	U,G	2.37	0.228	U,G	4.09	0.862	G,J	0.503	-2.86	U,G	5.57
EP-15-13-SL	-0.00584	U,G	0.568	0.219	U,G	2.31	2.12	U,G	3.88	0.791	G,J	0.44	0.501	U,G	4.81
EP-15-25-SL	-0.284	U	0.506	-0.716	U	2.4	0.61	U	2.25	0.254	UJ	0.408	0.192	U	2.04
EP-15-29-SL	-0.064	U	0.492	-0.0236	U	1.77	0.687	U	3.55	1.03	J	0.489	0.688	U	4.25
EP-16-05-SL	0.106	U,G	0.413	0.095	U,G	1.79	0.656	U,G	3.59	1.26	G,J	0.592	2.17	U,G	4.04
EP-16-15-SL	-0.176	U,G	0.476	-0.169	U,G	1.81	0.859	U,G	3.17	0.743	G,J	0.415	-0.796	U,G	4.74
EP-16-27-SL	-0.0645	U	0.339	0.0671	U	1.46	-0.15	U	1.85	0.258	UJ	0.261	0.395	U	2.41
EP-17-05-SL	0.0289	U,G	0.566	-1.16	U,G	2.89	2.08	U,G	2.83	0.897	G,J	0.574	1.46	U,G	2.64
EP-17-15-SL	-0.0829	U,G	0.595	0.0253	U,G	2.2	-0.77	U,G	3.8	0.721	G,J	0.484	0	U,G	4.98
EP-17-25-SL	0.123	U,G	0.602	0.274	U,G	2.75	-0.963	U,G	4.2	0.983	G,J	0.64	0.256	U,G	3.42
EP-17-30-SL	-0.0685	U	0.505	0.617	U	1.61	1.08	U	2.37	0.297	UJ	0.43	0.545	U	3.44
EP-18-09-SL	0.137	UJ	0.528	-0.266	UJ	2.67	0.926	UJ	3.96	1.06	J	0.504	3.14	J	2.51
EP-18-09-SL-FD	-0.0393	UJ	0.395	-0.0843	UJ	1.62	1.75	U	2.7	0.825	J	0.52	4.21	J	3.12
EP-18-15-SL	0.0265	UJ	0.437	-0.919	UJ	2.01	2.03	U	2.55	0.821	J	0.484	2.12	U	2.38
EP-18-29-SL	0.257	UJ	0.418	0	UJ	2.65	0.894	UJ	3.5	1.29	J	0.506	2.25	J	2.04
EP-19-05-SL	0.053	UJ	0.394	-0.0911	UJ	1.65	-0.712	UJ	3.35	0.729	J	0.579	-0.645	UJ	4.4
EP-19-13-SL	-0.0163	UJ	0.447	0.282	UJ	1.71	1.39	UJ	3.27	0.776	J	0.457	2.74	U	3.57
EP-19-25-SL	-0.0982	UJ	0.448	0.646	UJ	1.46	-0.971	UJ	3.28	0.807	J	0.458	1.39	UJ	2.71
EP-19-31-SL	0.0415	UJ	0.406	0.402	UJ	1.63	0.239	UJ	2.98	0.477	UJ	0.549	0.693	UJ	2.64
EP-20-05-SL	-0.145	U,G	0.41	-0.866	U,G	1.83	1.45	U,G	3.02	0.781	G,J	0.625	3.87	G,SI	3.27
EP-20-15-SL	-0.0138	U,G	0.478	0.47	U,G	1.66	2.33	U,G	3.39	0.8	G,J	0.555	1.41	U,G	2.87
EP-20-25-SL	0.111	U,G	0.351	-0.0422	U,G	1.61	1.28	U,G	2.8	0.506	U,G,J	0.543	2.63	U,G	2.92
LF-06-05-SL	-0.0514	U,G	0.513	0.19	U,G	1.86	2.71	U,G	2.86	0.828	G,J	0.442	-0.238	U,G	4.48
LF-06-13-SL	-0.0967	U,G	0.413	0.133	U,G	1.49	1.48	U,G	3.03	0.652	G,J	0.532	2.18	U,G	3.05
LF-06-27-SL	-0.184	U,G	0.419	0.845	U,G	1.45	2.27	U,G	2.99	0.798	G,J	0.523	1.75	U,G	3.22
LF-06-32-SL	-0.126	U,G	0.397	-0.481	U,G	1.39	0.942	U,G	2.34	0.162	U,G,J	0.472	0.721	U,G	2.62
LF--07-09-SL	-0.0593	U,G	0.476	-0.477	U,G	2.03	1.38	U,G	3.03	0.688	G,J	0.49	3.43	U,G	3.5
LF-07-15-SL	-0.166	U,G	0.424	-0.625	U,G	2.05	2.6	G,TI	2.19	0.826	G,J	0.436	-0.0602	U,G	4.02
LF-07-25-SL	-0.103	U,G	0.591	0.803	U,G	1.95	1.67	U,G	2.66	1.05	G,J	0.573	0.263	U,G	4.93
LF-07-34-SL	-0.0174	U,G	0.464	0.119	U,G	1.89	2.9	G,TI	2.09	0.475	U,G,J	0.476	0.775	U,G	2.28
LF-08-05-SL	0.14	U,G	0.547	-0.37	U,G	2.84	1.39	U,G	3.07	0.528	U,G,J	0.671	1.92	U,G	3.12
LF-08-05-SL-FD	0.0938	U,G	0.447	0	U,G	1.9	2.57	U,G	2.63	0.618	G,J	0.408	2.38	U,G	3.64
LF-08-15-SL	0.0146	U,G	0.488	0.337	U,G	1.66	0.899	U,G	2.94	0.742	G,J	0.41	0.369	U,G	4.94
LF-08-21-SL	0.158	U,G	0.55	0.27	U,G	2.19	-1.54	U,G	4.94	0.623	U,G,J	0.715	0.957	U,G	5.38
LF-08-37-SL	-0.0935	U,G	0.576	0.459	U,G	1.72	1.34	U,G	2.33	0.567	G,J	0.384	0.347	U,G	2.31

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Antimony-125			Beryllium-7			Bismuth-212			Bismuth-214			Cadmium-109		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
LF-09-03-SL	0.0368	U,G	0.451	-0.338	U,G	1.92	1.36	U,G	3.29	0.664	G,J	0.526	-1.08	U,G	5.16
LF-09-17-SL	0.157	U,G	0.615	0.0644	U,G	2.56	2.3	U,G	3.27	0.666	G,J	0.516	2.35	U,G	4.65
LF-09-25-SL	0.0473	U,G	0.493	-0.502	U,G	1.96	2.15	U,G	3.17	1.12	G,J	0.512	1	U,G	4.58
LF-09-31-SL	0.00812	U,G	0.456	0.162	U,G	1.74	-1.2	U,G	3.6	0.604	G,J	0.382	0.702	U,G	3.3
NB-28-04-SL	-0.053	U,G	0.435	0.878	U,G	2.06	0.452	U,G	3.46	0.901	G,J	0.447	0.338	U,G	4.79
NB-28-14-SL	-0.132	U,G	0.574	1.3	U,G	2.17	2.99	U,G	3.42	0.465	U,G,J	0.491	0.0673	U,G	2.87
NB-28-24-SL	-0.0487	U,G	0.386	0.405	U,G	1.69	0.108	U,G	2.89	-0.0464	U,G,J	0.504	-0.4	U,G	3.16
NB-28-35-SL	-0.039	U,G	0.401	-0.572	U,G	1.68	0.0392	U,G	2.66	-0.206	U,G,J	0.492	0.915	U,G	1.94
NB-29-05-SL	-0.0254	U,G	0.583	0.816	U,G	2.26	1.32	U,G	3.77	0.681	G,J	0.47	1.76	U,G	3.24
NB-29-14-SL	-0.00941	U,G	0.356	-0.0434	U,G	1.44	0.987	U,G	2.17	-0.223	U,G,J	0.469	0.00787	U,G	2.56
NB-29-22-SL	0.104	U	0.245	-0.0803	U	1.51	-0.13	U	2.13	0.465	J	0.288	0.523	U	2.63
NB-30-05-SL	-0.151	U,G	0.697	-0.485	U,G	2.74	3.3	U,G	3.56	1	G,J	0.46	1.91	U,G	5.2
NB-30-15-SL	-0.264	U,G	0.658	1.17	U,G	1.57	2.54	U,G	2.83	1.08	G,J	0.584	0.393	U,G	5.23
NB-30-25-SL	0.178	U,G	0.445	0.125	U,G	2.08	1.46	U,G	4.31	1.03	G,J	0.564	1.92	U,G	2.57
NB-30-33-SL	0.00817	U,G	0.458	1.19	U,G	1.75	0.94	U,G	3.07	0.323	U,G,J	0.366	-1.29	U,G	4.27
NB-31-05-SL	0.05	U,G	0.55	-0.926	U,G	2.66	1.17	U,G	3.99	0.888	G,J	0.428	2.35	U,G	3.18
NB-31-15-SL	0.177	U,G	0.408	0.755	U,G	1.5	1.04	U,G	2.72	1.06	G,J	0.451	2.47	U,G	4.26
NB-31-27-SL	0.268	U,G	0.573	-0.111	U,G	2.33	1.99	U,G	3.37	0.522	G,J	0.478	3.04	U,G	4.55
NB-31-32-SL	-0.152	U,G	0.57	-0.698	U,G	2.55	0.59	U,G	3.69	0.426	U,G,J	0.472	1.43	U,G	1.75
NB-32-05-SL	-0.147	U,G	0.546	0.861	U,G	2.32	2.18	U,G	3.72	0.981	G,J	0.533	1.54	U,G	2.77
NB-32-15-SL	-0.0209	U,G	0.573	0	U,G	2.61	0.66	U,G	4.73	0.816	G,J	0.657	2.35	G,SI	2.1
NB-32-27-SL	-0.116	U,G	0.453	1.34	U,G	1.56	0.433	U,G	2.3	1.02	G,J	0.416	1.47	U,G	2.98
NB-32-33-SL	0.132	U,G	0.518	-1.02	U,G	2.55	2.06	U,G	3.05	0.56	G,J,T	0.505	1.72	U,G	2.56
NB-33-05-SL	-0.0811	U,G	0.445	-0.83	U,G	2.17	0.701	U,G	3	0.659	G,J	0.421	1.11	U,G	3.87
NB-33-15-SL	0.197	U,G	0.549	-0.482	U,G	2.27	-0.0532	U,G	4	0.798	G,J	0.424	1.78	U,G	2.64
NB-33-27-SL	0.00691	U	0.308	0.472	U	1.25	0.992	U	2.48	0.676	J	0.358	-0.192	U	3.15
NB-34-05-SL	-0.238	U,G	0.625	-0.731	U,G	2.73	1.05	U,G	3.87	0.777	G,J,TI	0.495	2.15	U,G	2.86
NB-34-15-SL	0.139	U,G	0.462	0.183	U,G	2.1	0.789	U,G	2.58	0.778	G,J	0.481	1.51	U,G	4.11
NB-34-25-SL	-0.0689	U	0.449	-0.394	U	1.86	0.348	U	2.98	0.422	J	0.373	0.232	U	2.1
NB-35-01-SL	0.172	U,G	0.431	-0.698	U,G	2.41	2.61	U,G	3.23	0.97	G,J	0.65	0.7	U,G	2.97
NB-35-15-SL	0.0871	U,G	0.552	-1.55	U,G	2.98	1.85	U,G	3.28	0.761	G,J	0.483	3.04	G,SI	2.7
NB-35-25-SL	-0.032	U,G	0.491	-0.284	U,G	1.97	0.114	U,G	2.86	1.04	G,J	0.394	1.83	U,G	3.75
NB-36-05-SL	-0.0727	U,G	0.477	-0.0851	U,G	1.66	3.18	G,TI	1.91	0.861	G,J	0.549	1.11	U,G	4.63
NB-36-15-SL	-0.033	U,G	0.488	0.328	U,G	2.2	3.03	U,G	3.23	1.53	G,J	0.544	2.37	U,G	3.55
NB-36-27-SL	0.0932	U	0.46	0.107	U	1.78	1.61	U	2.95	0.669	J	0.479	0.604	U	2.66
NB-37-05-SL	-0.28	U,G	0.649	0.292	U,G	2.24	-0.944	U,G	3.83	0.957	G,J	0.597	-0.124	U,G	4.82
NB-37-15-SL	-0.0299	U,G	0.505	-0.45	U,G	2.59	0.604	U,G	4.64	1.09	G,J	0.544	1.55	U,G	1.89
NB-37-25-SL	0.208	U,G	0.519	0.0676	U,G	2.19	2.72	U,G	3.55	0.898	G,J	0.408	1.96	U,G	4.33
NB-38-09-SL	0.0923	U,G	0.369	0.116	U,G	1.4	1.57	U,G	2.46	0.419	U,G,J	0.485	1.36	U,G	2.45
NB-38-15-SL	0.117	U	0.339	-0.413	U	1.47	1.19	U	2.31	0.707	J	0.502	0.707	U	3.06
NB-38-25-SL	-0.157	U	0.378	-0.772	U	1.57	0.395	U	2.77	0.592	J	0.499	1.54	U	2.21
NB-39-05-SL	-0.102	U,G	0.685	0.34	U,G	2.27	2.9	U,G	3.75	0.871	G,J	0.503	1.42	U,G	4.92
NB-39-15-SL	0.0368	U,G	0.449	0.0858	U,G	1.88	1.49	U,G	2.63	0.9	G,J	0.414	3.37	G,SI	2.54

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Antimony-125			Beryllium-7			Bismuth-212			Bismuth-214			Cadmium-109		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-39-25-SL	-0.0362	U,G	0.471	0.116	U,G	2.18	0.549	U,G	3.75	0.555	G,J	0.494	0.916	U,G	2.61
NB-39-30-SL	-0.0114	U,G	0.578	0.422	U,G	2.16	1.35	U,G	2.94	0.229	U,G,J	0.445	1.1	U,G	4.44
NB-40-05-SL	0.0232	U,G	0.505	1.18	U,G	2.14	0.529	U,G	3.95	0.814	G,J	0.617	0.486	U,G	2.66
NB-40-05-SL-FD	0.0277	U	0.36	0	U	1.51	1.53	U	2.4	0.565	J	0.471	1.24	U	2.57
NB-40-17-SL	-0.0887	U,G	0.513	0.468	U,G	1.98	2.9	G,TI	2.67	0.647	G,J	0.477	1.36	U,G	4.8
NB-40-25-SL	-0.0971	U	0.448	-0.943	U	2.11	0.469	U	3.5	0.384	UJ	0.443	1.28	U	1.33
NB-40-31-SL	0.0166	U	0.29	0.0365	U	1.31	0.352	U	2.1	0.0802	UJ	0.424	0.338	U	2.43
NB-41-05-SL	0.044	U	0.464	-0.181	U	2.08	1.2	U	2.92	0.675	J	0.475	0.891	U	4.08
NB-41-13-SL	-0.0676	U	0.384	-0.55	U	1.84	1.28	U	2.55	0.459	UJ	0.468	0.153	U	1.7
NB-41-19-SL	-0.0709	U,G	0.392	-0.44	U,G	1.59	0.573	U,G	2.43	0.368	U,G,J	0.53	0.254	U,G	2.81
NB-42-05-SL	-0.0352	U,G	0.406	-0.0345	U,G	1.64	0.688	U,G	2.52	0.577	G,J	0.344	0.677	U,G	4.41
NB-42-13-SL	-0.154	U	0.469	0.702	U	1.59	-0.54	U	3.11	0.364	UJ	0.441	0.157	U	1.84
NB-42-23-SL	-0.00839	U	0.31	0.51	U	1.33	0.578	U	2.04	0.196	UJ	0.486	-0.402	U	2.49
NB-43-05-SL	-0.0271	U,G	0.453	0.21	U,G	1.48	0.153	U,G	2.9	0.641	G,J	0.412	2.94	G,SI	2.47
NB-43-13-SL	0	U	0.426	0.212	U	1.58	0.825	U	2.39	0.388	J	0.34	0.196	U	3.27
NB-44-05-SL	-0.0056	U	0.414	0.494	U	1.72	1.47	U	1.96	0.443	J	0.375	-0.482	U	1.95
NB-44-05-SL-FD	0.00924	U,G	0.358	-0.241	U,G	1.49	0.686	U,G	2.15	0.151	U,G,J	0.46	1.1	U,G	2.58
NB-44-11-SL	0.0556	U	0.321	0.163	U	1.16	0.0812	U	1.87	0.374	J	0.28	0.0356	U	2.5
NB-44-18-SL	0.00234	U	0.42	-0.215	U	1.73	-0.494	U	3.11	0.364	UJ	0.384	-0.816	U	3.17
NB-45-05-SL	0.146	U,G	0.571	0	U,G	2.81	1.48	U,G	4.62	0.612	G,J	0.558	1.31	U,G	2.7
NB-45-05-SL-FD	-0.0379	U,G	0.56	-0.666	U,G	3.06	0.431	U,G	4.13	1.08	G,J	0.532	0.438	U,G	2.94
NB-45-13-SL	0.277	U,G	0.525	-0.25	U,G	2.52	1.16	U,G	3.04	1.01	G,J	0.487	2.21	G,SI	2.16
NB-45-25-SL	0.338	U,G	0.481	-0.132	U,G	3.04	-1.56	U,G	5.1	0.621	G,J	0.488	2.42	U,G	3.18
NB-45-33-SL	0.018	U	0.342	-0.156	U	1.41	0.286	U	2.21	0.344	UJ	0.446	1.01	U	2.22
NB-46-09-SL	-0.206	U	0.562	0.22	U	1.83	1.33	U	3.24	0.774	J	0.457	1.16	U	2.54
NB-46-17-SL	0.019	U,G	0.361	0.0412	U,G	1.56	1.49	U,G	2.24	0.46	U,G,J	0.48	2.07	U,G	3.06
NB-46-25-SL	0.0222	U,G	0.511	-0.715	U,G	2.41	-0.109	U,G	3.88	0.805	G,J	0.492	-0.576	U,G	5.06
NB-46-29-SL	-0.128	U,G	0.406	0.422	U,G	1.19	1.41	U,G	2.22	0.545	G,J	0.462	-2	U,G	4.06
NB-47-05-SL	-0.12	U	0.419	-0.149	U	1.76	1.01	U	2.1	0.629	J	0.424	2.42	U	4.94
NB-47-15-SL	0.121	U,G	0.386	0.381	U,G	1.98	2.84	G,TI	2.48	1.12	G,J	0.494	3.17	U,G	3.64
NB-47-25-SL	-0.227	U,G	0.652	-1.48	U,G	3.43	0.947	U,G	3.71	1.01	G,J	0.492	1.98	U,G	3.08
NB-47-31-SL	-0.0186	U,G	0.54	-0.294	U,G	1.92	0.935	U,G	2.86	0.574	G,J	0.495	-0.381	U,G	4.73
NB-48-05-SL	0.0458	U,G	0.483	0	U,G	2.2	0.0789	U,G	3.48	1.16	G,J	0.4	2.17	U,G	4.63
NB-48-11-SL	0.00509	U,G	0.419	0.0901	U,G	1.97	1.41	U,G	2.82	1.04	G,J	0.411	2.28	U,G	2.37
NB-48-15-SL	-0.0557	U,G	0.544	-0.619	U,G	2.91	2.11	U,G	3.61	0.701	G,J	0.48	1.66	U,G	1.95
NB-48-25-SL	0.0208	U,G	0.324	0.505	U,G	1.59	0.764	U,G	3.34	0.954	G,J	0.42	1.59	U,G	2.35
NB-48-35-SL	0.19	U,G	0.527	-0.804	U,G	2.39	1.06	U,G	3.3	0.474	G,J	0.463	0.353	U,G	4.34
NB-49-05-SL	0.183	U,G	0.623	0.28	U,G	2.09	1.18	U,G	3.83	1.04	G,J	0.543	-2.78	U,G	5.69
NB-49-05-SL-FD	-0.0517	U,G	0.554	-0.485	U,G	2.72	0.81	U,G	3.76	0.692	G,J	0.521	0.995	U,G	2.66
NB-49-15-SL	-0.348	U,G	0.71	0.0262	U,G	2.78	-0.491	U,G	4.2	1.07	G,J	0.631	3.63	U,G	4.91
NB-49-25-SL	-0.12	U,G	0.49	0	U,G	2.13	-0.197	U,G	3.44	0.861	G,J	0.432	0.783	U,G	4.76
NB-49-37-SL	0.222	U,G	0.443	0.468	U,G	2.35	2.49	U,G	2.84	0.35	U,G,J	0.366	1.31	U,G	2.2
NB-50-05-SL	0.0114	U,G	0.581	-0.162	U,G	2.1	0.952	U,G	3.46	0.738	G,J	0.487	0.865	U,G	4.71

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Antimony-125			Beryllium-7			Bismuth-212			Bismuth-214			Cadmium-109		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-50-15-SL	-0.0297	U,G	0.475	1.32	U,G	1.33	1.96	U,G	2.9	0.958	G,J	0.428	0.185	U,G	4.31
NB-50-25-SL	-0.163	U,G	0.558	-0.367	U,G	2.22	-0.606	U,G	4.72	0.931	G,J	0.474	2.06	U,G	2.53
NB-50-37-SL	0.181	U	0.285	0.204	U	1.44	1.02	U	2.14	0.298	UJ	0.416	0.68	U	3.44
NB-51-05-SL	0.206	U,G	0.346	-0.091	U,G	1.78	0.99	U,G	2.92	0.566	G,J	0.482	2.21	U,G	3.35
NB-51-13-SL	-0.0647	U,G	0.625	0.0257	U,G	2.24	2.22	U,G	3.32	0.552	U,G,J	0.582	0.255	U,G	5.09
NB-51-25-SL	0.116	U,G	0.456	0.199	U,G	2.12	0.569	U,G	3.15	1.02	G,J	0.443	0.0216	U,G	4.66
NB-51-37-SL	-0.201	U,G	0.562	-0.375	U,G	1.83	1.71	U,G	2.49	0.672	G,J	0.339	-0.391	U,G	4.3
NB-52-05-SL	-0.119	U,G	0.55	-2.14	U,G	3.33	2	U,G	3.55	0.555	G,J	0.516	1.07	U,G	2.7
NB-52-13-SL	0.091	U,G	0.556	-1.08	U,G	2.64	0.67	U,G	3.32	0.832	G,J	0.507	1.65	U,G	4.77
NB-52-25-SL	-0.14	U,G	0.525	-0.397	U,G	2.33	1.82	U,G	2.51	0.624	G,J	0.394	-2.24	U,G	5.01
NB-52-35-SL	-0.115	U,G	0.638	0.242	U,G	2.28	0.158	U,G	3.97	0.58	G,J,TI	0.509	1.47	U,G	1.96
NB-53-05-SL	-0.236	U,G	0.543	0.0672	U,G	1.65	1.19	U,G	2.54	0.76	G,J	0.41	1.2	U,G	4.27
NB-53-13-SL	0.219	U,G	0.383	0	U,G	2	0.963	U,G	2.87	0.787	G,J	0.393	2.25	U,G	3.71
NB-53-23-SL	-0.193	U,G	0.614	-0.888	U,G	2.85	1.77	U,G	3.77	0.909	G,J	0.465	1.94	U,G	3.1
NB-53-33-SL	-0.242	U,G	0.445	-0.868	U,G	1.9	0.321	U,G	2.57	0.442	G,J	0.333	-0.188	U,G	3.75
NB-54-05-SL	0.0476	U,G	0.502	0.437	U,G	1.97	0.705	U,G	3.83	0.837	G,J	0.47	0.727	U,G	4.91
NB-54-13-SL	0.0643	U,G	0.609	0.585	U,G	2.16	0.269	U,G	3.95	0.85	G,J	0.522	1.19	U,G	4.93
NB-54-25-SL	0.0977	U,G	0.483	-0.366	U,G	2.6	-0.132	U,G	4.45	0.662	G,J	0.454	3.39	G	2.88
NB-54-31-SL	0.0254	U	0.431	0.608	U	1.6	1.81	TI	1.58	0.254	UJ	0.382	-0.642	U	2.88
NB-55-05-SL	0.0205	U,G	0.504	-0.119	U,G	2.48	1.86	U,G	3.54	0.642	G,J	0.484	1.64	U,G	2.35
NB-55-13-SL	0.0987	U,G	0.475	-1.1	U,G	2.38	1.25	U,G	3.54	0.84	G,J	0.482	2.56	U,G	4.73
NB-55-25-SL	0.261	U,G	0.367	-0.811	U,G	2.72	2.18	U,G	3.61	0.625	U,G,J	0.642	0.255	U,G	2.77
NB-55-33-SL	0.112	U	0.369	-0.65	U	1.95	0.795	U	2.16	0.215	UJ	0.369	0.474	U	2.83
NB-56-05-SL	0.137	U	0.393	0.977	U	1.42	1.66	U	2.33	0.839	J	0.347	-0.567	U	3.91
NB-56-13-SL	0.0656	U,G	0.54	-1.15	U,G	2.54	0.568	U,G	3.79	1.28	G,J	0.525	2.1	U,G	5.04
NB-56-25-SL	-0.00813	U,G	0.477	-0.569	U,G	2.28	1.01	U,G	2.91	0.829	G,J	0.519	0.392	U,G	4.07
NB-56-33-SL	-0.0339	U	0.421	0.158	U	2	-0.793	U	3.22	0.27	UJ	0.427	-1.36	U	3.62
NB-57-05-SL	-0.231	U,G	0.639	-0.275	U,G	2.65	1.69	U,G	3.13	0.733	G,J	0.523	3.25	U,G	4.77
NB-57-05-SL-FD	-0.125	U,G	0.58	-1.23	U,G	2.56	1.63	U,G	3.02	0.747	G,J	0.513	2.77	U,G	4.17
NB-57-15-SL	-0.142	U,G	0.648	-0.661	U,G	2.15	2.68	U,G	3.59	0.855	G,J	0.593	-1.92	U,G	5.04
NB-57-29-SL	-0.0447	U,G	0.446	0.0859	U,G	1.78	2.18	U,G	2.28	0.954	G,J	0.393	2.65	U,G	3.99
NB-57-34-SL	-0.221	U,G	0.615	-0.0354	U,G	1.85	-0.543	U,G	3.42	0.756	G,J	0.354	-0.827	U,G	4.36
NB-58-05-SL	0.00515	U,G	0.424	0.713	U,G	1.68	2.99	G,TI	2.14	0.983	G,J	0.431	1.86	U,G	2.3
NB-58-15-SL	-0.00903	U,G	0.599	-1.25	U,G	2.88	2.08	U,G	3.53	0.71	G,J	0.661	-0.651	U,G	5.6
NB-58-29-SL	-0.258	U,G	0.517	-1.22	U,G	2.4	1.95	U,G	2.82	0.751	G,J	0.356	1.21	U,G	2.51
NB-58-36-SL	0.0774	U,G	0.418	0.809	U,G	1.74	0.734	U,G	3.24	0.51	G,J	0.364	2.19	U,G	2.73
NB-59-05-SL	0.0893	U,G	0.34	-0.177	U,G	1.88	0.798	U,G	2.74	0.833	G,J	0.404	3.4	G,SI	3.07
NB-59-13-SL	0.051	U,G	0.602	-0.445	U,G	2.52	0.232	U,G	3.76	0.804	G,J	0.561	0.122	U,G	5.24
NB-59-25-SL	0.00986	U,G	0.425	0.0862	U,G	1.5	1.31	U,G	2.37	0.946	G,J	0.451	1.9	U,G	3.44
NB-59-31-SL	0.0198	U,G	0.488	0.348	U,G	1.94	0.301	U,G	4.08	0.652	G,J	0.493	1.15	U,G	2.12
NB-60-05-SL	-0.0876	U,G	0.511	0.271	U,G	1.87	-0.242	U,G	3.12	0.924	G,J	0.475	2.8	U,G	4.16
NB-60-13-SL	-0.0529	U,G	0.622	0.626	U,G	2.18	1.4	U,G	3.7	0.873	G,J	0.515	2.54	U,G	3.09
NB-60-23-SL	-0.0611	U,G	0.432	-0.0415	U,G	1.51	2.65	G,TI	2.23	0.581	G,J	0.436	1.77	U,G	2.3

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Antimony-125			Beryllium-7			Bismuth-212			Bismuth-214			Cadmium-109		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-60-31-SL	0.018	U,G	0.515	0.482	U,G	2.19	0.0818	U,G	3.07	0.491	U,G,J	0.518	1.06	U,G	2.22
NB-61-05-SL	-0.0809	U,G	0.581	-0.118	U,G	1.77	2.43	U,G	3.15	1.24	G,J	0.524	2.32	U,G	3.16
NB-61-13-SL	0.0783	U,G	0.526	0.604	U,G	2.1	1.78	U,G	3.27	0.94	G,J	0.593	1.74	U,G	1.86
NB-61-23-SL	-0.0671	U,G	0.509	0.86	U,G	1.84	0.361	U,G	3.66	0.803	G,J	0.464	1.62	U,G	4.73
NB-61-28-SL	0.0984	U	0.305	0.0772	U	1.45	0.283	U	2.29	0.562	J	0.363	0.347	U	3.28
NB-62-05-SL	0.0382	U,G	0.463	0.367	U,G	2.22	1.08	U,G	3.41	0.689	G,J	0.507	0.227	U,G	2.59
NB-62-12-SL	0.0267	U,G	0.324	-0.766	U,G	1.66	-0.0286	U,G	2.13	0.379	U,G,J	0.408	1.61	U,G	2.52
NB-62-22-SL	-0.0784	U,G	0.511	0.807	U,G	2.01	-0.57	U,G	3.2	0.0817	U,G,J	0.463	0.868	U,G	2.12
NB-63-05-SL	-0.107	U,G	0.623	1.09	U,G	2.28	2.01	U,G	3.83	0.662	G,J	0.533	-0.127	U,G	2.97
NB-63-13-SL	0.028	U,G	0.487	0.467	U,G	1.47	-1.38	U,G	3.51	0.659	G,J	0.445	-1.44	U,G	4.06
NB-63-19-SL	0.125	U	0.342	-0.0753	U	1.47	0.79	U	2.02	0.264	J	0.23	0.91	U	2.78
NB-64-05-SL	-0.036	U,G	0.416	-0.0988	U,G	2.11	1.88	U,G	2.34	0.684	G,J	0.554	0.432	U,G	4.01
NB-64-13-SL	-0.0478	U,G	0.438	-0.226	U,G	2.27	-0.647	U,G	3.72	0.186	U,G,J	0.5	0.72	U,G	1.99
NB-64-17-SL	-0.0338	U,G	0.31	-0.398	U,G	1.5	0.256	U,G	2.12	0.415	U,G,J	0.547	-0.165	U,G	2.62
NB-65-05-SL	-0.0711	U,G	0.404	-0.719	U,G	2.2	0.209	U,G	2.93	0.672	G,J	0.433	2.57	U,G	3.53
NB-65-13-SL	-0.0735	U,G	0.453	0	U,G	1.84	0.449	U,G	2.42	0.635	G,J	0.373	2.49	U,G	3.43
NB-65-17-SL	0.148	U,G	0.459	0.683	U,G	2.06	0.0782	U,G	2.94	0.313	U,G,J	0.423	-0.132	U,G	2.04
NB-66-05-SL	0.0612	U,G	0.621	1.07	U,G	2.12	2.04	U,G	3.75	0.462	G,J	0.458	1.6	U,G	2.1
NB-66-05-SL-FD	-0.0753	U,G	0.674	-0.145	U,G	2.42	1.54	U,G	5.04	0.431	U,G,J	0.565	0.983	U,G	2.46
NB-66-15-SL	0.125	U,G	0.49	-0.0356	U,G	1.86	0.17	U,G	4.26	0.524	G,J	0.509	-0.237	U,G	4.47
NB-66-19-SL	-0.0766	U	0.354	0.454	U	1.2	0.574	U	2.41	0.33	UJ	0.352	1.06	U	2.64
NB-67-05-SL	0.1	U,G	0.496	0.61	U,G	1.94	3.16	U,G	3.85	0.695	G,J	0.599	-0.299	U,G	2.71
NB-67-11-SL	-0.0573	U,G	0.346	-0.502	U,G	1.31	-0.37	U,G	2.59	0.111	U,G,J	0.437	0.461	U,G	2.59
NB-67-21-SL	-0.0138	U	0.399	-0.0188	U	1.83	0.683	U	2.37	0.439	J	0.35	0.208	U	2.75
NB-68-05-SL	0.0313	U,G	0.395	0.252	U,G	1.44	0.902	U,G	2.74	0.641	G,J	0.515	1.11	U,G	2.87
NB-68-13-SL	-0.0842	U,G	0.513	0	U,G	2.22	0.561	U,G	3.83	0.656	G,J	0.46	1.76	U,G	2.81
NB-68-17-SL	0.0428	U,G	0.54	-0.22	U,G	2.31	0.283	U,G	3.46	0.759	G,J	0.537	0.382	U,G	4.65
NB-68-25-SL	0.122	U,G	0.365	0.29	U,G	2.12	1.94	U,G	2.97	0.955	G,J	0.471	1.64	U,G	4.44
NB-68-33-SL	0.185	U,G	0.399	-0.426	U,G	2.07	-0.591	U,G	3.37	0.131	U,G,J	0.504	0.498	U,G	1.98
NB-69-05-SL	0.128	U,G	0.386	-0.153	U,G	1.44	0.117	U,G	2.76	0.482	G,J	0.463	1.38	U,G	2.49
NB-69-15-SL	0.129	U,G	0.358	0.0745	U,G	1.33	1.32	U,G	2.18	0.313	U,G,J	0.4	0.732	U,G	2.9
NB-69-22-SL	0.0565	U,G	0.434	0.228	U,G	1.7	2.03	U,G	2.93	0.685	G,J	0.576	1.18	U,G	3.12
NB-69-34-SL	-0.0915	U	0.36	0.407	U	1.29	1.45	U	2.25	0.329	UJ	0.434	1.61	U	2.56
NB-70-05-SL	-0.0299	U,G	0.4	0.483	U,G	1.46	1.88	U,G	2.42	0.303	U,G,J	0.55	0.874	U,G	2.62
NB-70-15-SL	-0.0734	U,G	0.427	-0.33	U,G	1.76	1.62	U,G	2.33	0.658	G,J	0.401	1.65	U,G	3.99
NB-70-23-SL	0.125	U,G	0.441	0.222	U,G	1.58	1.5	U,G	2.96	0.609	G,J	0.529	0.413	U,G	3.48
NB-70-33-SL	-0.258	U,G	0.438	-1.01	U,G	1.73	1.21	U,G	2.48	0.574	G,J	0.516	1.53	U,G	2.63
NB-71-01-SL	-0.0186	U,G	0.448	-0.331	U,G	1.92	0.637	U,G	3.67	0.737	G,J	0.391	0.462	U,G	5.34
NB-71-01-SL-FD	-0.213	U,G	0.647	1.35	U,G	2.03	0.427	U,G	4.04	0.475	U,G,J	0.538	1.85	U,G	5.21
NB-71-11-SL	0.246	U,G	0.552	0	U,G	2.04	1.07	U,G	2.79	0.698	G,J	0.504	0.929	U,G	2.84
NB-71-27-SL	-0.0172	U,G	0.414	-0.496	U,G	1.7	-0.994	U,G	3.2	0.611	G,J	0.41	0.932	U,G	3.58
NB-72-05-SL	0.0847	U,G	0.548	-0.557	U,G	2.14	1.86	U,G	2.63	0.44	U,G,J	0.467	-0.352	U,G	4.09
NB-72-11-SL	-0.15	U,G	0.579	1.38	U,G	2.08	-0.222	U,G	4.09	0.557	U,G,J	0.612	0.817	U,G	2.51

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Antimony-125			Beryllium-7			Bismuth-212			Bismuth-214			Cadmium-109		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-72-19-SL	-0.0548	U	0.375	0.119	U	1.23	-0.0302	U	2.47	0.345	UJ	0.401	1.82	U	2.59
NB-72-22-SL	0.0411	U	0.434	-0.681	U	1.96	0.6	U	2.51	0.345	J	0.293	1.41	U	1.5
NB-73-05-SL	-0.0822	U,G	0.479	-0.867	U,G	2.64	0.51	U,G	3.44	0.257	U,G,J	0.495	-0.416	U,G	2.36
NB-73-13-SL	0.0416	U,G	0.48	0.115	U,G	2.08	0.0525	U,G	3.18	0.313	U,G,J	0.492	0.385	U,G	1.96
NB-73-23-SL	-0.181	U	0.461	-0.518	U	1.73	0.615	U	2.87	0.414	UJ	0.456	-0.0958	U	1.9
NB-74-05-SL	0.0104	U,G	0.365	0.385	U,G	1.52	2.05	U,G	2.73	0.969	G,J	0.487	2.81	U,G	3.22
NB-74-17-SL	-0.0114	U,G	0.522	0.165	U,G	2.12	2.35	U,G	3.3	0.874	G,J	0.465	-0.246	U,G	5.26
NB-74-25-SL	-0.0282	U,G	0.424	0.2	U,G	2.11	1.88	U,G	2.47	0.983	G,J	0.482	3.22	U,G	3.4
NB-74-33-SL	0.0095	U,G	0.329	0.0792	U,G	1.38	-0.154	U,G	2.18	0.388	G,J	0.371	-1.12	U,G	3.07
NB-75-08-SL	0.142	U,G	0.343	0.412	U,G	1.13	1.02	U,G	2.66	0.85	G,J	0.42	2.16	U,G	4.17
NB-75-15-SL	-0.209	U,G	0.57	-0.463	U,G	2.14	0.753	U,G	3.14	0.586	G,J	0.395	2.09	U,G	2.5
NB-75-19-SL	-0.0353	U	0.378	-0.476	U	1.64	0.125	U	2.16	0.124	UJ	0.42	0.0893	U	3.08
NB-76-06-SL	-0.031	U,G	0.442	0.139	U,G	1.89	-0.396	U,G	3.53	0.177	U,G,J	0.407	-0.973	U,G	3.16
NB-76-10-SL	-0.146	U	0.358	-0.226	U	1.37	0.121	U	2.1	0.0314	UJ	0.407	-0.26	U	2.71
NB-76-24-SL	-0.0432	U	0.354	1.24	TI	1.15	0.415	U	2.46	0.185	UJ	0.408	0.364	U	1.73
NB-77-05-SL	-0.0579	U,G	0.327	-0.355	U,G	1.36	1.35	U,G	2.19	0.0317	U,G,J	0.415	-1.23	U,G	2.82
NB-77-13-SL	0.0868	U	0.31	0.4	U	1.58	0.716	U	2.99	0.0887	UJ	0.368	0	U	3.1
NB-77-24-SL	-0.205	U	0.388	-0.14	U	1.53	-0.15	U	1.85	0.594	J	0.382	0.61	U	2.67
NB-78-07-SL	0	U,G	0.592	0	U,G	2.44	1.15	U,G	3.92	1.09	G,J	0.715	1.62	U,G	2.93
NB-78-11-SL	0.0739	U,G	0.323	0.226	U,G	1.37	0.67	U,G	2.41	0.417	G,J	0.41	1.55	U,G	2.57
NB-78-18-SL	0.0072	U,G	0.416	-0.155	U,G	1.42	1.48	U,G	3.02	0.871	G,J	0.43	0.57	U,G	4.3
NB-79-05-SL	-0.0134	U,G	0.465	-0.109	U,G	2.19	0.61	U,G	3.48	0.563	G,J	0.53	0.887	U,G	2.45
NB-79-05-SL-FD	-0.00352	U,G	0.455	0.412	U,G	1.61	0.32	U,G	2.43	0.508	G,J	0.37	-1.03	U,G	4.46
NB-79-11-SL	-0.0605	U,G	0.497	0	U,G	2.05	-0.229	U,G	3.66	0.48	G,J	0.315	1.11	U,G	2.29
NB-79-24-SL	-0.157	U	0.397	0	U	1.3	0.407	U	2.21	0.364	UJ	0.437	0	U	3.58
NB-80-05-SL	0.0653	U,G	0.452	0.961	U,G	2.01	-0.791	U,G	3.38	0.503	G,J	0.47	0.788	U,G	2.25
NB-80-11-SL	0.0572	U,G	0.367	0.0385	U,G	1.44	-0.52	U,G	2.82	0.483	U,G,J	0.507	-0.131	U,G	3.19
NB-80-27-SL	0.00278	U,G	0.499	-0.464	U,G	2.14	1.17	U,G	2.74	0.6	G,J	0.436	0.12	U,G	4.23
NB-81-09-SL	-0.03	U,G	0.459	-0.39	U,G	1.82	1.03	U,G	2.16	0.687	G,J	0.455	1.8	U,G	4.58
NB-81-11-SL	-0.12	U,G	0.45	0.671	U,G	1.63	1.59	U,G	2.67	0.982	G,J	0.416	1.25	U,G	4.01
NB-81-31-SL	-0.0283	U,G	0.313	0.11	U,G	1.16	-0.994	U,G	2.71	0.284	U,G,J	0.451	0.748	U,G	2.58
NB-82-05-SL	0.111	U,G	0.566	-0.723	U,G	2.47	2.04	U,G	3.15	1.19	G,J	0.481	0.251	U,G	4.59
NB-82-11-SL	-0.227	U	0.371	0.11	U	1.35	0.914	U	2.14	0.026	UJ	0.438	1.28	U	2.73
NB-82-20-SL	-0.063	U	0.334	0.152	U	1.43	0.811	U	2.14	0.285	UJ	0.416	-0.378	U	2.92
NB-83-05-SL	-0.288	U,G	0.704	-0.274	U,G	2.84	3.16	U,G	3.26	0.854	G,J	0.446	2.4	U,G	2.99
NB-83-11-SL	0.218	U,G	0.319	0.499	U,G	1.3	0.285	U,G	2.61	-0.0799	U,G,J	0.452	0.492	U,G	2.83
NB-83-23-SL	0.0209	U	0.285	-0.227	U	1.43	0.15	U	2.32	0.442	J	0.329	0.662	U	2.87
NB-84-05-SL	0.0732	U,G	0.521	-0.263	U,G	2.56	1.78	U,G	3.73	1.07	G,J	0.695	1.18	U,G	2.61
NB-84-15-SL	0.0299	U,G	0.404	0.0398	U,G	1.36	-0.246	U,G	2.93	0.385	U,G,J	0.536	-0.151	U,G	3.16
NB-84-23-SL	-0.0272	U,G	0.454	-0.361	U,G	1.48	0.2	U,G	2.05	0.254	U,G,J	0.402	0.513	U,G	3.38
NB-84-33-SL	0.0669	U	0.417	0.392	U	1.44	-0.145	U	2.68	0.481	J	0.419	0	U	2.96
NB-85-05-SL	-0.025	U,G	0.521	0.127	U,G	2.27	2.12	U,G	3.21	0.807	G,J	0.46	-0.618	U,G	5.15
NB-85-15-SL	0.039	U,G	0.521	-0.383	U,G	2.22	-0.104	U,G	3.52	0.726	G,J	0.439	1.42	U,G	4.36

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Antimony-125			Beryllium-7			Bismuth-212			Bismuth-214			Cadmium-109		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-85-25-SL	0.171	U,G	0.479	0.148	U,G	1.8	2.24	U,G	2.76	0.828	G,J	0.449	2.51	U,G	4.7
NB-85-35-SL	0.0396	U	0.282	0.16	U	1.45	-0.208	U	1.47	0.0983	UJ	0.352	-0.559	U	2.83
NB-86-05-SL	-0.219	U,G	0.616	-0.472	U,G	3.06	-0.261	U,G	4.47	0.754	G,J	0.668	0.0498	U,G	3.33
NB-86-15-SL	0.0795	U,G	0.522	0.218	U,G	2.06	2.42	U,G	2.92	0.944	G,J	0.476	0.972	U,G	4.55
NB-86-19-SL	-0.0629	U,G	0.383	0.183	U,G	1.38	0.58	U,G	2.32	0.549	G,J	0.439	1.2	U,G	3
OA-18-03-SL	0.0569	U	0.371	-0.243	U	1.77	1.4	U	2.28	0.913	J	0.36	0.704	U	3.7
OA-18-17-SL	0.0674	U,G	0.421	0.427	U,G	1.55	1.35	U,G	2.59	1.08	G,J	0.447	2.43	U,G	4.04
OA-18-25-SL	-0.306	U,G	0.606	-0.247	U,G	1.96	1.69	U,G	4.1	0.729	G,J	0.474	2.33	U,G	2.58
OA-18-33-SL	0.113	U	0.296	0	U	1.57	0.784	U	2.13	0.745	J	0.386	2	U	3.54
OA-19-05-SL	-0.0984	U	0.51	-0.546	U	2.51	0.337	U	3.62	0.862	J	0.478	1.32	U	2.54
OA-19-15-SL	-0.00242	U,G	0.368	-0.413	U,G	1.86	-0.157	U,G	3.06	1.21	G,J	0.386	-0.0354	U,G	3.8
OA-19-25-SL	0.0617	U,G	0.547	0.782	U,G	2.03	1.35	U,G	3.54	0.947	G,J	0.499	2.49	G,SI	1.96
OA-19-33-SL	-0.0306	U	0.396	-0.0805	U	1.57	0.804	U	2.06	0.418	J	0.296	0.859	U	3.02
PL-04-05-SL	-0.0919	U,G	0.532	-0.705	U,G	2.34	1.98	U,G	3.94	0.577	G,J	0.476	-0.384	U,G	4.92
PL-04-13-SL	0.157	U,G	0.37	0.112	U,G	2.18	4.1	G,TI	3.07	0.865	G,J	0.494	0.794	U,G	2.67
PL-04-23-SL	-0.216	U	0.603	0.944	U	1.65	0.462	U	2.85	0.664	J	0.432	2.15	U	3.95
PL-04-31-SL	-0.116	U,G	0.435	0.517	U,G	1.37	0.471	U,G	2.58	0.866	G,J	0.384	0.646	U,G	3.92
PL-05-05-SL	-0.0518	U,G	0.476	-0.234	U,G	1.75	1.44	U,G	2.78	0.859	G,J	0.372	0.288	U,G	4.58
PL-05-15-SL	-0.119	U	0.549	0.261	U	2	0.833	U	3.5	0.609	J	0.401	1.93	U	4.47
PL-05-28-SL	0.11	U,G	0.425	0.13	U,G	1.5	1.72	U,G	3.18	0.625	G,J	0.412	0.0695	U,G	4.09
PL-06-07-SL	0.0586	U,G	0.394	0.378	U,G	2.01	0.503	U,G	2.77	0.936	G,J	0.492	1.3	U,G	4.29
PL-06-13-SL	0.0852	U,G	0.417	-0.566	U,G	2.36	1.29	U,G	2.77	0.969	G,J	0.385	1.54	U,G	3.9
PL-06-17-SL	0.0215	U,G	0.448	0.343	U,G	1.7	-0.269	U,G	3.34	0.988	G,J	0.442	-2.23	U,G	4.9
PL-06-29-SL	0.0446	U	0.332	0.157	U	1.32	0.678	U	2.4	0.254	UJ	0.427	0.372	U	2.78
PL-06-33-SL	0.0992	U	0.457	0.68	U	1.65	-0.431	U	2.8	0.353	J	0.315	0.558	U	3.21
RR-04-07-SL	-0.194	U,G	0.643	-0.649	U,G	3.31	1.64	U,G	3.43	0.784	G,J	0.553	1.79	U,G	2.97
RR-04-15-SL	0.122	U,G	0.479	-0.116	U,G	1.71	0.749	U,G	2.76	0.749	G,J	0.374	-0.136	U,G	4.95
RR-04-25-SL	0.0218	U,G	0.537	0.379	U,G	2.29	2.42	U,G	3.77	0.584	G,J	0.436	1.84	U,G	2.44
RR-05-05-SL	-0.0234	U,G	0.54	0.55	U,G	2.15	0.445	U,G	3.67	0.971	G,J	0.536	-0.127	U,G	5.13
RR-05-05-SL-FD	0.187	U,G	0.605	0.14	U,G	2.9	0.422	U,G	4.54	0.614	G,J	0.5	-0.0918	U,G	3.55
RR-05-15-SL	-0.0393	U,G	0.52	-0.489	U,G	2.09	0.382	U,G	3.11	0.91	G,J	0.467	1.69	U,G	4.57
RR-05-25-SL	0.229	U,G	0.538	-1.06	U,G	2.87	0.616	U,G	4.11	0.637	U,G,J	0.64	0.134	U,G	5.03
SW-02-01-SL	0.0191	U,G	0.499	-0.737	U,G	2.35	4.4	G	3.13	0.932	G,J	0.515	3.73	U,G	4.59
SW-02-09-SL	0.2	U,G	0.372	0.527	U,G	1.65	1.12	U,G	2.79	0.798	G,J	0.425	-0.475	U,G	4.32
SW-02-15-SL	0.185	U,G	0.527	0.119	U,G	2.87	1.78	U,G	3.8	0.864	G,J	0.568	2.29	U,G	4.84
SW-02-23-SL	-0.0359	U,G	0.422	-0.26	U,G	1.95	1.78	U,G	2.25	0.777	G,J	0.411	2.41	U,G	4.23
SW-05-08-SL	0.342	U,G	0.501	-0.438	U,G	2.52	2.23	U,G	3.49	1.24	G,J	0.429	3.55	U,G	4.25
SW-05-12-SL	0.0576	U,G	0.393	0.511	U,G	1.7	1.75	U,G	2.41	0.803	G,J	0.502	2.56	U,G	3.81
SW-06-05-SL	0.0822	U,G	0.5	-0.431	U,G	1.87	1.9	U,G	2.88	0.752	G,J	0.463	1.32	U,G	4.52
SW-06-05-SL-FD	-0.0662	U,G	0.432	-1.31	U,G	2.46	-0.505	U,G	3.5	0.844	G,J	0.494	1.95	U,G	2.74
SW-06-13-SL	0.17	U,G	0.554	-0.518	U,G	2.68	2.37	U,G	3.68	0.527	G,J	0.525	1.09	U,G	2.72
SW-06-23-SL	-0.209	U,G	0.435	0.644	U,G	1.66	1.5	U,G	3.03	0.144	U,G,J	0.557	-3.49	U,G	4.04
SW-07-05-SL	-0.0867	U,G	0.482	0.669	U,G	1.86	2.48	U,G	2.53	1.14	G,J	0.403	-0.3	U,G	4.27

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Antimony-125			Beryllium-7			Bismuth-212			Bismuth-214			Cadmium-109		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SW-07-15-SL	0.144	U,G	0.559	0.83	U,G	2.87	1.18	U,G	3.72	0.537	U,G,J	0.676	2.7	G,SI	2.16
SW-07-23-SL	-0.11	U,G	0.412	0.544	U,G	1.81	1.23	U,G	3.22	0.107	U,G,J	0.557	2.04	U,G	2.33
SW-08-03-SL	0.1	U,G	0.495	0	U,G	2.44	0.576	U,G	3.94	0.614	G,J	0.525	1.3	U,G	2.22
SW-08-05-SL	-0.253	U,G	0.639	0.285	U,G	2.35	-0.299	U,G	3.98	0.817	G,J	0.483	0.737	U,G	4.69
SW-08-15-SL	0.0613	U,G	0.6	0.809	U,G	2.25	1.92	U,G	3.53	0.771	G,J	0.497	2.68	G	2.33
SW-08-25-SL	0.044	U	0.363	0.563	U	1.14	0.623	U	1.55	0.304	UJ	0.326	-0.804	U	3.14

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cerium-139			Cerium-144			Cesium-134			Cesium-137			Chromium-51		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-13-09-SL	-0.0237	U,G	0.115	-0.122	U,G	0.766	0.208	U,G	1.88	-0.036	U,G	0.218	0.563	U,G	1.64
BD-13-15-SL	0.00703	U,G	0.113	0.0466	U,G	0.746	0.301	G,TI	0.268	0.0105	U,G	0.206	-0.398	U,G	1.84
BD-13-23-SL	-0.0248	U,G	0.113	-0.129	U,G	0.746	-0.0727	U,G	0.25	0.00843	U,G	0.211	0.274	U,G	1.84
BD-13-30-SL	0.00657	U,G	0.114	-0.266	U,G	0.809	0	U,G	0.172	-0.0751	U,G	0.216	-0.0908	U,G	2.4
BD-14-05-SL	-0.117	U,G	0.163	-0.351	U,G	0.838	0.0345	U,G	0.252	-0.0742	U,G	0.266	0.624	U,G	2.33
BD-14-13-SL	-0.00198	U,G	0.103	0.175	U,G	0.692	0.00532	U,G	0.212	-0.0598	U,G	0.226	0.376	U,G	1.51
BD-14-25-SL	0.0138	U	0.11	-0	U	0.791	-0.0217	U	0.189	-0.148	U	0.316	0.759	U	1.86
BD-14-31-SL	-0.0326	U	0.121	-0.14	U	0.686	0.0878	U	0.174	0.0708	U	0.204	-0.607	U	2.14
BD-15-05-SL	0.00133	U,G	0.0834	-0.285	U,G	0.723	-0.0395	U,G	0.222	0.094	U,G	0.178	-0.154	U,G	1.85
BD-15-17-SL	-0.0296	U,G	0.176	0.142	U,G	0.955	-0.112	U,G	0.381	0.0364	U,G	0.277	-1.08	U,G	3.39
BD-15-25-SL	-0.0391	U	0.0981	-0.232	U	0.61	0.0674	U	0.166	-0.035	U	0.202	-0.267	U	1.6
BD-15-31-SL	-0.0213	U,G	0.161	0.0961	U,G	0.889	-0.0377	U,G	0.245	-0.0501	U,G	0.29	0.476	U,G	2.6
BD-16-05-SL	0	U,G	0.147	-0.186	U,G	0.961	0.121	U,G	0.201	0.0592	U,G	0.253	0.503	U,G	2.74
BD-16-15-SL	-0.0164	U,G	0.117	0.303	U,G	0.688	-0.0496	U,G	0.288	0.0769	U,G	0.188	-0.0893	U,G	2
BD-16-19-SL	0.0344	U,G	0.124	-0.0983	U,G	0.888	-0.184	U,G	0.288	-0.173	U,G	0.277	-0.733	U,G	2.35
BD-16-25-SL	-0.029	U,G	0.158	-0.103	U,G	0.985	-0.0806	U,G	0.278	0.0699	U,G	0.249	-0.237	U,G	3.13
BD-16-34-SL	-0.039	U,G	0.121	0.144	U,G	0.781	0.0349	U,G	0.226	-0.0608	U,G	0.222	0.276	U,G	1.91
BLD240-01-01	-0.013	U	0.096	-0.06	U	0.7	-0.08	U	0.196	0.058	U	0.169	-1.2	U	2.3
BLD240-01-09	0.049	U	0.112	-0.06	U	0.85	-0.08	U	0.22	-0.05	U	0.23	0.6	U	1.9
BLD240-01-09FD	0.016	U	0.096	0.17	U	0.67	0.083	U	0.161	0.009	U	0.137	0.74	U	1.4
BLD240-01-31															
BLD240-03-04	-0.023	U	0.134	0.22	U	0.89	0.02	U	0.22	0	U	0.27	-1.4	U	2.8
BLD240-03-04FD	-0.012	U	0.109	-0.08	U	0.72	-0.087	U	0.195	0.042	U	0.158	-0.2	U	2.1
BLD240-03-14															
BLD240-03-19	-0.074	U	0.16	0.09	U	0.84	-0.01	U	0.25	0.02	U	0.26	-0.1	U	2.7
BLD240-04-02	0.003	U	0.113	-0.45	U	0.8	-0.04	U	0.21	0.11	U	0.16	0.2	U	2
BLD240-04-04	0.003	U	0.11	-0.37	U	0.81	0.016	U	0.175	-0.089	U	0.211	0.4	U	2
BLD240-04-33															
BLD240-05-01	-0.009	U	0.131	-0.37	U	0.81	0.02	U	0.2	-0.17	U	0.29	-0.4	U	3
BLD240-05-02	-0.06	U	0.142	0.05	U	0.91	-0.02	U	0.21	0.07	U	0.2	-0.7	U	2.9
BLD253-02-01	-0.063	U	0.102	-0.21	U	0.63	-0.093	U	0.17	0.024	U	0.121	0.08	U	1.77
BLD253-02-04	0.05	U	0.29	0.39	U	0.99	0.03	U	0.19	0.01	U	0.21	-0.1	U	2.5
BLD253-02-21FD	-0.067	U	0.124	-0.13	U	0.73	0.061	U	0.161	0.037	U	0.152	0.4	U	1.8
BLD253-02-21															
BLD255-05-01															
BLD255-05-23															
BLD255-07-02	0.02	U	0.098	0.4	U	0.61	0.05	U	0.19	0.029	U	0.167	-1	U	2.1
BLD255-07-15	-0.009	U	0.132	0.16	U	0.81	0.05	U	0.21	0.03	U	0.23	0.2	U	2.1
BLD255-07-33															
BLD255-08-01	-0.096	U	0.177	-0.04	U	1.2	-0.02	U	0.19	0.029	U	0.177	0	U	2.1
BLD255-08-08	0.014	U	0.139	0.17	U	0.8	0	U	0.27	-0.05	U	0.3	-0.4	U	2.6
BLD260-06-01	-0.045	U	0.124	0.04	U	0.74	0	U	0.18	-0.029	U	0.177	-0.9	U	2
BLD260-06-03	-0.058	U	0.154	0.06	U	0.9	-0.01	U	0.24	-0.05	U	0.27	0.1	U	2.4

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cerium-139			Cerium-144			Cesium-134			Cesium-137			Chromium-51		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BLD260-06-31															
BP-13-05-SL	0.0124	U,G	0.126	-0.232	U,G	0.817	-0.0445	U,G	0.247	-0.00969	U,G	0.248	-0.291	U,G	2.33
BP-13-11-SL	-0.0348	U,G	0.115	-0.0885	U,G	0.702	-0.0277	U,G	0.207	-0.0324	U,G	0.186	0.272	U,G	2.04
BP-13-15-SL	-0.00978	U,G	0.134	0.0577	U,G	0.849	-0.146	U,G	0.291	-0.149	U,G	0.306	-1.91	U,G	3.46
BP-13-25-SL	0.0457	U,G	0.149	0	U,G	0.942	-0.0511	U,G	0.321	0.062	U,G	0.264	-0.55	U,G	3.1
BP-13-35-SL	-0.0319	U,G	0.112	0.152	U,G	0.686	-0.00406	U,G	0.291	0.0173	U,G	0.185	0.26	U,G	1.8
BP-17-05-SL	-0.0375	U,G	0.144	0.0319	U,G	0.913	-0.0872	U,G	0.251	0.0305	U,G	0.261	0.253	U,G	2.84
BP-17-15-SL	-0.0045	U	0.0948	-0.345	U	0.732	-0.137	U	0.225	-0.0303	U	0.174	-0.349	U	1.91
BP-17-23-SL	0.0222	U,G	0.118	-0.00469	U,G	0.753	0.0375	U,G	0.204	-0.0277	U,G	0.225	-0.264	U,G	2.02
BP-17-31-SL	0.0407	U,G	0.139	0.364	U,G	0.829	0.0474	U,G	0.197	-0.0127	U,G	0.325	-0.852	U,G	2.63
BP-18-05-SL	0.019	U,G	0.135	-0.0306	U,G	0.925	-0.0505	U,G	0.373	0.0861	U,G	0.232	-0.197	U,G	2.31
BP-18-15-SL	-0.0328	U,G	0.161	0.163	U,G	0.945	-0.0127	U,G	0.358	-0.0156	U,G	0.266	-0.278	U,G	3.11
BP-18-25-SL	-0.0527	U,G	0.164	0.0954	U,G	1.01	-0.0105	U,G	0.36	0.0639	U,G	0.192	-0.613	U,G	2.61
BP-18-31-SL	-0.0339	U	0.0873	0.15	U	0.492	0.0364	U	0.217	0.00777	U	0.16	0.141	U	1.28
BP-19-05-SL	-0.0147	U	0.101	-0.177	U	0.641	0.00186	U	0.274	0.075	U	0.138	-0.647	U	1.8
BP-19-13-SL	-0.039	U	0.143	0.402	U	0.675	-0.0332	U	0.226	0.0504	U	0.215	-0.161	U	2.34
BP-19-25-SL	-0.032	U,G	0.105	0.0598	U,G	0.712	-0.0808	U,G	0.22	0.0391	U,G	0.181	-0.72	U,G	2.04
BP-19-29-SL	0.0228	U	0.119	0.136	U	0.802	0.0639	U	0.185	-0.104	U	0.301	-0.282	U	2.42
BP-20-03-SL	0	U	0.129	-0.377	U	0.865	0.0631	U	0.183	-0.0161	U	0.242	-0.0826	U	2.41
BP-20-19-SL	-0.0245	U,G	0.146	-0.144	U,G	0.89	0.0568	U,G	0.304	0.023	U,G	0.239	-0.743	U,G	2.5
BP-20-27-SL	-0.0101	U	0.0819	-0.233	U	0.631	0.00188	U	0.163	0.0103	U	0.148	0.292	U	1.22
BP-21-07-SL	-0.02	U,G	0.128	-0.773	U,G	1.02	0	U,G	0.279	-0.124	U,G	0.309	-0.93	U,G	2.91
BP-21-07-SL-FD	-0.0196	U	0.139	-0.0807	U	0.94	-0.124	U	0.344	-0.0216	U	0.224	0.266	U	2.13
BP-21-13-SL	-0.0413	U	0.102	0.172	U	0.613	-0.0247	U	0.223	-0.0434	U	0.196	-0.707	U	1.89
BP-21-24-SL	-0.0546	U,G	0.152	-0.0886	U,G	0.916	-0.0921	U,G	0.334	-0.0141	U,G	0.241	1.07	U,G	1.94
BP-21-34-SL	0.00333	U	0.102	0.077	U	0.617	-0.0254	U	0.216	-0.0206	U	0.172	0	U	2.28
BP-22-05-SL	0.0155	U,G	0.108	0.0574	U,G	0.671	-0.0192	U,G	0.208	-0.0104	U,G	0.24	0	U,G	2.15
BP-22-13-SL	-0.0042	U,G	0.143	0.352	U,G	0.677	0.00892	U,G	0.214	-0.12	U,G	0.232	0.175	U,G	2.05
BP-22-23-SL	0.0144	U	0.0977	-0.173	U	0.671	-0.0372	U	0.207	-0.0476	U	0.22	0.148	U	1.78
BP-22-33-SL	-0.0122	U	0.0997	0.145	U	0.606	0.00946	U	0.202	-0.0434	U	0.176	0.802	U	1.38
CB-02-05-SL	0.00307	U,G	0.131	-0.253	U,G	0.891	-0.148	U,G	0.26	-0.0112	U,G	0.238	0.0995	U,G	2.29
CB-02-05-SL-FD	-0.0362	U,G	0.172	-0.504	U,G	1.11	0.135	U,G	0.34	-0.0754	U,G	0.268	0.326	U,G	3.02
CB-02-15-SL	0.00152	U,G	0.126	-0.0883	U,G	0.855	-0.0548	U,G	0.219	0.0331	U,G	0.156	0.296	U,G	2.16
CB-02-25-SL	-0.0286	U,G	0.183	0.0594	U,G	0.862	0.0488	U,G	0.32	-0.0474	U,G	0.272	-0.614	U,G	2.93
DM-02-05-SL	-0.0312	U	0.187	-0.132	U	1.3	-0.103	U	0.276	0.0204	U	0.246	-1.1	U	3.14
DM-02-17-SL	0.0113	U,G	0.118	-0.524	U,G	0.916	-0.0307	U,G	0.329	-0.0258	U,G	0.216	0.394	U,G	2.42
DM-02-22-SL	0.109	U	0.328	-0.76	U	1.39	-0.0328	U	0.233	-0.0167	U	0.251	0.166	U	2.54
DM-02-33-SL	0.0138	U	0.243	-0.012	U	0.84	0.0945	U	0.168	0.00586	U	0.184	0.242	U	1.76
DM-03-05-SL	0.0174	U,G	0.106	-0.113	U,G	0.725	0.0206	U,G	0.226	0.0382	U,G	0.207	0.371	U,G	1.8
DM-03-05-SL-FD	-0.0275	U,G	0.157	0.0649	U,G	0.857	-0.0755	U,G	0.268	-0.00384	U,G	0.289	-0.304	U,G	3.4
DM-03-13-SL	0.00332	U,G	0.107	0.47	U,G	0.655	0.0539	U,G	0.265	-0.0403	U,G	0.232	0.177	U,G	1.99
DM-03-25-SL	-0.00528	U,G	0.16	-0.124	U,G	0.916	0	U,G	0.227	0.0258	U,G	0.277	0.834	U,G	2.79
DM-03-34-SL	0.00406	U,G	0.102	-0.255	U,G	0.677	0.0106	U,G	0.184	0.0488	U,G	0.193	0.452	U,G	1.57

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cerium-139			Cerium-144			Cesium-134			Cesium-137			Chromium-51		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
EP-13-03-SL	-0.116	UJ	0.168	0.271	UJ	0.749	-0.0825	UJ	0.216	-0.0443	UJ	0.208	-0.594	UJ	2.28
EP-13-13-SL	-0.0213	UJ	0.157	0.189	UJ	0.874	-0.0245	UJ	0.334	-0.0804	UJ	0.293	-1.09	UJ	3.44
EP-13-25-SL	-0.0198	UJ	0.121	-0.00493	UJ	0.728	0	UJ	0.216	-0.0887	UJ	0.223	0.496	UJ	2.28
EP-13-30-SL	0.0253	UJ	0.0834	0.0519	UJ	0.648	-0.0198	UJ	0.208	-0.0101	UJ	0.173	-0.104	UJ	1.93
EP-14-05-SL	0.123	U	0.157	0.0691	UJ	0.944	0.0268	UJ	0.294	-0.0574	UJ	0.333	0.954	UJ	2.84
EP-14-13-SL	0.025	UJ	0.119	-0.264	UJ	0.797	0.0912	UJ	0.159	0.011	UJ	0.208	-0.889	UJ	2.47
EP-14-25-SL	-0.0133	UJ	0.139	0.366	UJ	0.83	-0.01	UJ	0.219	-0.0848	UJ	0.251	-0.544	UJ	2.72
EP-14-31-SL	0.00961	UJ	0.106	0.152	UJ	0.582	-0.0236	UJ	0.187	-0.081	UJ	0.227	-0.378	UJ	2.23
EP-15-05-SL	-0.0249	U,G	0.178	-0.0918	U,G	0.901	0	U,G	0.251	-0.194	U,G	0.316	0.22	U,G	2.64
EP-15-13-SL	0.0305	U,G	0.14	0.179	U,G	0.816	-0.0783	U,G	0.25	-0.0474	U,G	0.279	0.322	U,G	2.93
EP-15-25-SL	-0.00863	U	0.106	-0.102	U	0.671	-0.0788	U	0.221	-0.0781	U	0.244	-0.19	U	2.52
EP-15-29-SL	-0.00214	U	0.14	-0.109	U	0.845	0.00893	U	0.294	-0.0108	U	0.224	0.882	U	2.25
EP-16-05-SL	0.03	U,G	0.117	0.316	U,G	0.722	-0.0343	U,G	0.335	0	U,G	0.19	0.779	U,G	1.96
EP-16-15-SL	-0.0417	U,G	0.117	0.409	U,G	0.678	0.0341	U,G	0.192	-0.0309	U,G	0.201	0.849	U,G	1.96
EP-16-27-SL	-0.0137	U	0.0922	-0.234	U	0.467	-0.029	U	0.174	-0.00876	U	0.115	-0.562	U	1.66
EP-17-05-SL	-0.0217	U,G	0.162	-0.224	U,G	1.01	-0.0124	U,G	0.271	0.0415	U,G	0.284	0.283	U,G	3.17
EP-17-15-SL	0.0391	U,G	0.137	0.468	U,G	0.717	0	U,G	0.24	0.0116	U,G	0.233	0.525	U,G	2.68
EP-17-25-SL	-0.0404	U,G	0.172	-0.272	U,G	1.03	-0.0132	U,G	0.265	-0.179	U,G	0.381	-0.928	U,G	3.79
EP-17-30-SL	-0.0116	U	0.126	0.0519	U	0.742	-0.0085	U	0.209	0.0515	U	0.164	-0.467	U	2.34
EP-18-09-SL	-0.0114	UJ	0.163	0.303	UJ	1.02	-0.0131	UJ	0.254	0.0978	UJ	0.258	-0.86	UJ	3.53
EP-18-09-SL-FD	-0.105	UJ	0.133	-0.563	UJ	0.814	0.3	UJ	1.9	0.0376	UJ	0.192	0.746	UJ	1.73
EP-18-15-SL	0.0463	UJ	0.105	0.0879	UJ	0.815	0.0513	UJ	0.217	-0.0637	UJ	0.243	-0.111	UJ	2.44
EP-18-29-SL	-0.0266	UJ	0.141	-0.189	UJ	0.914	0.0857	UJ	0.184	0.0392	UJ	0.293	0.909	UJ	2.39
EP-19-05-SL	0.0322	UJ	0.183	0.109	UJ	0.796	0.0253	UJ	0.318	-0.0707	UJ	0.234	-0.0474	UJ	1.96
EP-19-13-SL	0.0233	UJ	0.121	0	UJ	0.877	-0.168	UJ	0.266	-0.0291	UJ	0.233	-0.305	UJ	2.27
EP-19-25-SL	-0.02	UJ	0.11	-0.324	UJ	0.825	0.0112	UJ	0.237	0.0204	UJ	0.195	-0.206	UJ	2.28
EP-19-31-SL	0.0223	UJ	0.112	-0.0611	UJ	0.745	0.0765	UJ	0.3	0.0372	UJ	0.181	-0.233	UJ	1.91
EP-20-05-SL	0.0233	U,G	0.109	-0.348	U,G	0.813	-0.0853	U,G	0.329	-0.0651	U,G	0.238	-1.06	U,G	1.95
EP-20-15-SL	-0.0511	U,G	0.154	0.304	U,G	0.881	0.0118	U,G	0.223	-0.0706	U,G	0.234	0.0572	U,G	2.63
EP-20-25-SL	-0.0372	U,G	0.119	-0.147	U,G	0.756	-0.0521	U,G	0.315	0.0149	U,G	0.187	0.343	U,G	1.75
LF-06-05-SL	0.00378	U,G	0.112	0.228	U,G	0.648	0.0492	U,G	0.155	0.0249	U,G	0.189	-0.465	U,G	2.14
LF-06-13-SL	-0.00028	U,G	0.115	0.0157	U,G	0.741	0.0979	U,G	2.07	-0.0692	U,G	0.234	-0.312	U,G	1.93
LF-06-27-SL	-0.0105	U,G	0.113	-0.0448	U,G	0.749	-0.0877	U,G	0.304	0.0985	U,G	0.176	0.849	U,G	1.64
LF-06-32-SL	-0.00846	U,G	0.0947	0.212	U,G	0.593	0.0112	U,G	0.281	-0.0347	U,G	0.19	-0.846	U,G	1.74
LF--07-09-SL	-0.0263	U,G	0.114	0.471	U,G	0.666	-0.0107	U,G	0.225	0.0332	U,G	0.208	-0.848	U,G	2.36
LF-07-15-SL	0.0148	U,G	0.11	-0.239	U,G	0.765	-0.00888	U,G	0.245	0.00405	U,G	0.228	-0.618	U,G	2.17
LF-07-25-SL	-0.029	U,G	0.164	-0.34	U,G	0.97	-0.0712	U,G	0.304	0.0247	U,G	0.215	0.208	U,G	2.39
LF-07-34-SL	0.00515	U,G	0.118	-0.0917	U,G	0.794	-0.0357	U,G	0.232	-0.0146	U,G	0.249	-0.176	U,G	2.69
LF-08-05-SL	0.016	U,G	0.163	-0.0316	U,G	1.01	-0.148	U,G	0.302	0.256	U,G	0.257	0.727	U,G	1.88
LF-08-05-SL-FD	-0.00542	U,G	0.107	-0.0751	U,G	0.727	0.0277	U,G	0.186	0.166	U,G	0.177	-0.954	U,G	1.95
LF-08-15-SL	-0.0433	U,G	0.124	0.00968	U,G	0.681	-0.0271	U,G	0.187	-0.0328	U,G	0.206	-0.475	U,G	2.24
LF-08-21-SL	0.031	U,G	0.169	0.0965	U,G	0.879	-0.127	U,G	0.41	-0.0901	U,G	0.267	-0.977	U,G	2.87
LF-08-37-SL	0.0149	U,G	0.111	-0.176	U,G	0.706	-0.0572	U,G	0.223	-0.0035	U,G	0.263	-0.169	U,G	2.59

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cerium-139			Cerium-144			Cesium-134			Cesium-137			Chromium-51		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
LF-09-03-SL	-0.0493	U,G	0.138	-0.157	U,G	0.824	0.0303	U,G	0.216	0.0245	U,G	0.194	0	U,G	2.44
LF-09-17-SL	0.0264	U,G	0.143	0.614	U,G	0.839	-0.0607	U,G	0.262	0	U,G	0.262	-0.517	U,G	2.48
LF-09-25-SL	-0.0516	U,G	0.134	0.282	U,G	0.783	0.0779	U,G	0.196	0.106	U,G	0.244	0.513	U,G	1.93
LF-09-31-SL	-0.00788	U,G	0.119	0.193	U,G	0.587	0.0543	U,G	0.151	-0.044	U,G	0.221	0.186	U,G	2.08
NB-28-04-SL	-0.0203	U,G	0.12	-0.182	U,G	0.855	0.0149	U,G	0.202	0.039	U,G	0.182	0	U,G	2.61
NB-28-14-SL	0.0106	U,G	0.128	0	U,G	0.806	-0.0597	U,G	0.255	-0.0309	U,G	0.261	-0.419	U,G	3.47
NB-28-24-SL	0.0281	U,G	0.0987	0.0435	U,G	0.661	-0.032	U,G	0.282	-0.0036	U,G	0.17	0.201	U,G	2.12
NB-28-35-SL	-0.0552	U,G	0.108	-0.0578	U,G	0.602	-0.112	U,G	0.282	0.0192	U,G	0.163	-0.433	U,G	1.88
NB-29-05-SL	0.0444	U,G	0.152	-0.162	U,G	0.938	0	U,G	0.226	-0.0586	U,G	0.339	0.0968	U,G	3.24
NB-29-14-SL	0.0461	U,G	0.084	-0.014	U,G	0.594	-0.0662	U,G	0.254	0.0995	U,G	0.143	-0.0486	U,G	1.85
NB-29-22-SL	0.0289	U	0.0818	0.178	U	0.441	-0.0697	U	0.185	-0.0304	U	0.176	-0.171	U	1.49
NB-30-05-SL	0.00919	U,G	0.16	-0.289	U,G	1.03	-0.0634	U,G	0.248	0.0642	U,G	0.25	0.325	U,G	3.1
NB-30-15-SL	-0.0755	U,G	0.172	-0.0309	U,G	1	-0.162	U,G	0.405	0.074	U,G	0.224	1.15	U,G	2.4
NB-30-25-SL	0.0377	U,G	0.154	0.191	U,G	0.886	0.0497	U,G	0.265	0.00759	U,G	0.309	-1.19	U,G	3.34
NB-30-33-SL	-0.0418	U,G	0.131	0.0831	U,G	0.732	0.0547	U,G	0.214	0	U,G	0.248	-0.281	U,G	2.47
NB-31-05-SL	0	U,G	0.148	0.237	U,G	0.909	-0.0527	U,G	0.265	-0.143	U,G	0.361	-0.737	U,G	3.55
NB-31-15-SL	-0.0217	U,G	0.118	0.00937	U,G	0.723	0.0699	U,G	0.181	-0.0951	U,G	0.231	-0.831	U,G	2.35
NB-31-27-SL	0.0137	U,G	0.143	-0.0878	U,G	1.01	0.0289	U,G	0.211	-0.0234	U,G	0.25	-1.09	U,G	2.99
NB-31-32-SL	-0.0602	U,G	0.144	-0.327	U,G	0.9	0.0116	U,G	0.254	-0.0991	U,G	0.326	0.84	U,G	2.2
NB-32-05-SL	-0.00532	U,G	0.145	0.221	U,G	0.903	-0.0737	U,G	0.262	-0.0507	U,G	0.294	-1.41	U,G	3.29
NB-32-15-SL	-0.0103	U,G	0.139	-0.245	U,G	0.949	-0.0477	U,G	0.267	-0.0674	U,G	0.307	-1.31	U,G	2.99
NB-32-27-SL	-0.014	U,G	0.111	0.238	U,G	0.664	-0.0541	U,G	0.209	-0.0228	U,G	0.193	-0.895	U,G	2.24
NB-32-33-SL	-0.00491	U,G	0.125	0.0874	U,G	0.715	0.0113	U,G	0.214	-0.0902	U,G	0.282	0.632	U,G	2.48
NB-33-05-SL	-0.00577	U,G	0.105	-0.353	U,G	0.846	0.0625	U,G	0.215	0.0083	U,G	0.208	0.0922	U,G	1.96
NB-33-15-SL	-0.00521	U,G	0.149	-0.154	U,G	0.896	-0.0601	U,G	0.283	-0.0165	U,G	0.264	-0.71	U,G	2.94
NB-33-27-SL	0.00492	U	0.0866	0.00803	U	0.564	-0.0853	U	0.179	-0.0248	U	0.198	-0.0786	U	1.58
NB-34-05-SL	0.0263	U,G	0.137	0	U,G	0.839	-0.146	U,G	0.321	0.0891	U,G	0.254	0.877	U,G	2.83
NB-34-15-SL	-0.00787	U,G	0.118	0.135	U,G	0.749	-0.0462	U,G	0.213	0.00274	U,G	0.238	-0.0914	U,G	2.33
NB-34-25-SL	0.0213	U	0.114	0.0253	U	0.632	-0.0295	U	0.198	0.0255	U	0.194	-0.468	U	2.35
NB-35-01-SL	0	U,G	0.138	-0.0615	U,G	0.84	0.0361	U,G	0.242	-0.127	U,G	0.31	-0.368	U,G	2.46
NB-35-15-SL	-0.0147	U,G	0.142	0.147	U,G	0.886	-0.0573	U,G	0.251	-0.00878	U,G	0.296	-0.193	U,G	2.56
NB-35-25-SL	-0.0345	U,G	0.125	-0.141	U,G	0.819	-0.0528	U,G	0.224	0.0107	U,G	0.194	0.604	U,G	1.62
NB-36-05-SL	-0.0454	U,G	0.115	-0.233	U,G	0.77	-0.0428	U,G	0.293	-0.0622	U,G	0.249	-0.168	U,G	2.22
NB-36-15-SL	0.0484	U,G	0.13	-0.318	U,G	0.851	-0.102	U,G	0.299	-0.0485	U,G	0.282	-1.23	U,G	2.88
NB-36-27-SL	0.0282	U	0.133	0.197	U	0.743	0	U	0.234	-0.0185	U	0.264	-0.505	U	2.52
NB-37-05-SL	-0.019	U,G	0.157	-0.0585	U,G	0.885	-0.0386	U,G	0.324	-0.0704	U,G	0.299	0.193	U,G	2.84
NB-37-15-SL	0.0098	U,G	0.127	0.204	U,G	0.783	0.0909	U,G	0.198	0.0208	U,G	0.283	-0.383	U,G	2.51
NB-37-25-SL	0.0465	U,G	0.132	-0.0271	U,G	0.891	-0.0447	U,G	0.248	0.0326	U,G	0.212	-0.179	U,G	2.28
NB-38-09-SL	-0.017	U,G	0.106	0.0541	U,G	0.694	-0.205	U,G	0.31	-0.0708	U,G	0.204	0.0392	U,G	1.74
NB-38-15-SL	0.026	U	0.0984	-0.132	U	0.686	-0.102	U	0.273	0.00333	U	0.183	0.0381	U	1.65
NB-38-25-SL	-0.00886	U	0.106	0	U	0.659	0.162	U	1.9	-0.0399	U	0.192	0.157	U	1.47
NB-39-05-SL	-0.0319	U,G	0.159	0.183	U,G	0.885	-0.0701	U,G	0.286	0.0243	U,G	0.252	-0.967	U,G	2.79
NB-39-15-SL	-0.0416	U,G	0.111	0.405	U,G	0.633	-0.0804	U,G	0.219	0.0363	U,G	0.196	0	U,G	1.97

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cerium-139			Cerium-144			Cesium-134			Cesium-137			Chromium-51		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-39-25-SL	0.0197	U,G	0.137	-0.261	U,G	0.9	-0.0451	U,G	0.247	-0.108	U,G	0.308	-1.11	U,G	3.11
NB-39-30-SL	0.0265	U,G	0.157	0.029	U,G	0.725	-0.0285	U,G	0.247	-0.15	U,G	0.305	-0.409	U,G	2.6
NB-40-05-SL	0.015	U,G	0.14	0.264	U,G	0.815	0.0682	U,G	0.249	0.0555	U,G	0.237	-0.561	U,G	2.84
NB-40-05-SL-FD	-0.00649	U	0.106	-0.218	U	0.667	-0.0668	U	0.281	-0.0603	U	0.202	0.388	U	1.86
NB-40-17-SL	0.0023	U,G	0.138	0.117	U,G	0.907	-0.0767	U,G	0.286	0.0929	U,G	0.241	-0.843	U,G	2.97
NB-40-25-SL	0.0221	U	0.104	-0.13	U	0.699	-0.0403	U	0.215	0.0154	U	0.267	-0.107	U	2.22
NB-40-31-SL	0.0382	U	0.072	-0.0368	U	0.562	0.113	U	0.228	-0.0123	U	0.154	-0.349	U	1.48
NB-41-05-SL	-0.087	U	0.152	0.317	U	0.818	0.026	U	0.204	0.0105	U	0.23	-0.465	U	2.74
NB-41-13-SL	0.0117	U	0.0874	-0.161	U	0.685	-0.0178	U	0.179	-0.0381	U	0.221	-0.184	U	1.92
NB-41-19-SL	0.0267	U,G	0.0988	-0.104	U,G	0.637	-0.164	U,G	0.316	0.0025	U,G	0.184	-0.509	U,G	1.98
NB-42-05-SL	0.00609	U,G	0.112	-0.112	U,G	0.762	-0.0261	U,G	0.205	0.021	U,G	0.198	-0.77	U,G	2.16
NB-42-13-SL	0.0128	U	0.098	-0.0503	U	0.698	0.0488	U	0.196	-0.0387	U	0.224	0.236	U	1.94
NB-42-23-SL	-0.0158	U	0.124	-0.297	U	0.561	-0.123	U	0.256	-0.0114	U	0.154	0.115	U	1.48
NB-43-05-SL	-0.05	U,G	0.114	-0.0315	U,G	0.665	0.0586	U,G	0.178	-0.0101	U,G	0.183	-1.02	U,G	2.57
NB-43-13-SL	-0.0598	U	0.128	-0.377	U	0.703	-0.0232	U	0.186	-0.00938	U	0.205	-0.749	U	2.27
NB-44-05-SL	0.021	U	0.0941	0.124	U	0.568	0.0576	U	0.16	-0.0601	U	0.21	-0.0994	U	2.07
NB-44-05-SL-FD	0.00224	U,G	0.0908	0.218	U,G	0.586	-0.0883	U,G	0.279	0.0639	U,G	0.163	-0.254	U,G	1.75
NB-44-11-SL	-0.013	U	0.0794	-0.104	U	0.52	0.00687	U	0.154	0.0083	U	0.138	0.685	U	1.43
NB-44-18-SL	-0.0269	U	0.13	-0.0239	U	0.684	-0.0314	U	0.188	-0.0381	U	0.191	0.592	U	1.85
NB-45-05-SL	0.0617	U,G	0.14	0.397	U,G	0.795	-0.0514	U,G	0.302	0.145	U,G	0.238	0.177	U,G	3.13
NB-45-05-SL-FD	-0.0566	U,G	0.169	0.134	U,G	0.898	-0.143	U,G	0.298	0.093	U,G	0.284	-0.112	U,G	3.25
NB-45-13-SL	0.085	U,G	0.122	0.251	U,G	0.769	-0.073	U,G	0.273	-0.106	U,G	0.352	-0.735	U,G	3.06
NB-45-25-SL	0.0168	U,G	0.156	-0.0331	U,G	0.89	-0.0385	U,G	0.266	-0.241	U,G	0.39	-1.82	U,G	3.62
NB-45-33-SL	0.0227	U	0.0852	0.119	U	0.613	0.03	U	0.229	-0.0155	U	0.163	-0.329	U	1.77
NB-46-09-SL	-0.00468	U	0.13	0.0276	U	0.855	-0.0964	U	0.273	-0.0768	U	0.293	0.738	U	2.89
NB-46-17-SL	-0.012	U,G	0.102	-0.196	U,G	0.658	-0.144	U,G	0.293	0.0351	U,G	0.172	0.303	U,G	1.66
NB-46-25-SL	-0.037	U,G	0.155	-0.226	U,G	0.929	-0.176	U,G	0.396	0.169	U,G	0.204	-0.798	U,G	2.85
NB-46-29-SL	0.00195	U,G	0.101	0.336	U,G	0.592	-0.0101	U,G	0.282	-0.0578	U,G	0.22	-0.173	U,G	2.08
NB-47-05-SL	0.0194	U	0.0989	-0.203	U	0.76	0.064	U	0.161	0.0676	U	0.145	-0.271	U	2.26
NB-47-15-SL	0.0852	U,G	0.0933	-0.104	U,G	0.727	0.0669	U,G	0.191	0.0619	U,G	0.215	0.789	U,G	2.42
NB-47-25-SL	-0.102	U,G	0.18	0.0334	U,G	0.884	0.0648	U,G	0.226	-0.111	U,G	0.364	0.912	U,G	3.05
NB-47-31-SL	0.00538	U,G	0.117	-0.376	U,G	0.881	-0.0551	U,G	0.225	-0.0997	U,G	0.236	0.207	U,G	1.95
NB-48-05-SL	0.0376	U,G	0.14	0.551	U,G	0.788	0.0722	U,G	0.262	0.0219	U,G	0.252	0.793	U,G	2.71
NB-48-11-SL	-0.0207	U,G	0.112	-0.0935	U,G	0.696	0	U,G	0.197	-0.181	U,G	0.303	-0.84	U,G	2.46
NB-48-15-SL	0.00522	U,G	0.15	-0.0615	U,G	0.917	0.0715	U,G	0.261	0.0291	U,G	0.248	-0.504	U,G	3.13
NB-48-25-SL	0.0122	U,G	0.116	0.329	U,G	0.683	-0.0516	U,G	0.206	-0.0208	U,G	0.209	0	U,G	2.33
NB-48-35-SL	0.0553	U,G	0.141	-0.139	U,G	0.941	0.0182	U,G	0.244	0.0661	U,G	0.192	0.3	U,G	2.64
NB-49-05-SL	-0.0359	U,G	0.171	0.156	U,G	0.879	0.0307	U,G	0.271	-0.0497	U,G	0.279	-0.439	U,G	2.75
NB-49-05-SL-FD	-0.0103	U,G	0.147	-0.243	U,G	0.919	-0.059	U,G	0.265	-0.0234	U,G	0.303	0.833	U,G	2.63
NB-49-15-SL	0.0288	U,G	0.164	0	U,G	0.948	0.0903	U,G	0.256	0.0487	U,G	0.259	1.29	U,G	2.7
NB-49-25-SL	-0.0015	U,G	0.119	0.102	U,G	0.76	-0.0515	U,G	0.238	-0.0156	U,G	0.222	-0.499	U,G	2.35
NB-49-37-SL	0.0497	U,G	0.114	0.147	U,G	0.839	-0.114	U,G	0.249	-0.0625	U,G	0.282	-0.745	U,G	3.07
NB-50-05-SL	0.00152	U,G	0.139	0.291	U,G	0.821	0.0478	U,G	0.234	0.0464	U,G	0.24	-0.411	U,G	2.71

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cerium-139			Cerium-144			Cesium-134			Cesium-137			Chromium-51		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-50-15-SL	0.00946	U,G	0.12	-0.0377	U,G	0.748	-0.042	U,G	0.236	-0.0166	U,G	0.224	-0.581	U,G	2.6
NB-50-25-SL	0	U,G	0.146	0.276	U,G	0.796	-0.0357	U,G	0.239	0.0436	U,G	0.248	-0.123	U,G	3.06
NB-50-37-SL	-0.00612	U	0.0972	-0.00438	U	0.647	0.057	U	0.164	0.0492	U	0.139	0.45	U	1.63
NB-51-05-SL	0.0712	U,G	0.112	0.172	U,G	0.705	0.0345	U,G	0.207	-0.0208	U,G	0.203	-0.286	U,G	2.29
NB-51-13-SL	0.0566	U,G	0.134	0.0901	U,G	0.896	0.158	U,G	0.198	0.0478	U,G	0.255	-1.7	U,G	3.12
NB-51-25-SL	-0.0252	U,G	0.109	0.5	U,G	0.732	-0.0179	U,G	0.214	0.0551	U,G	0.218	0.306	U,G	1.77
NB-51-37-SL	-0.00666	U,G	0.116	0.00954	U,G	0.795	-0.00887	U,G	0.167	-0.0321	U,G	0.228	-0.883	U,G	2.41
NB-52-05-SL	0.0431	U,G	0.14	-0.223	U,G	0.898	0.0495	U,G	0.241	0.034	U,G	0.229	0.0835	U,G	2.79
NB-52-13-SL	0.0913	U,G	0.14	-0.0299	U,G	0.916	0.00983	U,G	0.293	0	U,G	0.24	-0.931	U,G	2.69
NB-52-25-SL	0.0107	U,G	0.118	0.28	U,G	0.832	-0.0361	U,G	0.256	-0.0454	U,G	0.262	-0.503	U,G	2.46
NB-52-35-SL	-0.0259	U,G	0.142	0.337	U,G	0.752	0.0834	U,G	0.224	-0.107	U,G	0.285	1.02	U,G	2.22
NB-53-05-SL	-0.0214	U,G	0.107	-0.0322	U,G	0.739	0.103	U,G	0.149	-0.0414	U,G	0.208	0.464	U,G	1.92
NB-53-13-SL	-0.081	U,G	0.125	0.118	U,G	0.686	-0.00211	U,G	0.261	0.00642	U,G	0.201	0.53	U,G	1.88
NB-53-23-SL	0.0217	U,G	0.141	-0.0962	U,G	0.944	-0.0125	U,G	0.251	-0.0666	U,G	0.298	-0.105	U,G	3.51
NB-53-33-SL	0.038	U,G	0.0954	-0.0908	U,G	0.676	-0.0989	U,G	0.226	-0.00379	U,G	0.198	-0.267	U,G	1.95
NB-54-05-SL	0.00074	U,G	0.138	0	U,G	0.852	0.0281	U,G	0.235	-0.0797	U,G	0.285	-1.09	U,G	2.7
NB-54-13-SL	-0.0562	U,G	0.185	-0.0624	U,G	0.906	-0.164	U,G	0.297	-0.0497	U,G	0.272	-1.3	U,G	3.02
NB-54-25-SL	0.0312	U,G	0.128	-0.0923	U,G	0.813	-0.0717	U,G	0.262	-0.0748	U,G	0.346	-0.305	U,G	3.26
NB-54-31-SL	0.044	U	0.0843	0.216	U	0.508	-0.0993	U	0.238	0.0516	U	0.143	-0.226	U	1.73
NB-55-05-SL	-0.0204	U,G	0.148	-0.18	U,G	0.835	0	U,G	0.242	-0.0481	U,G	0.279	-0.279	U,G	2.66
NB-55-13-SL	0.0594	U,G	0.125	0.0575	U,G	0.823	-0.0378	U,G	0.25	0.115	U,G	0.238	0.703	U,G	2.14
NB-55-25-SL	-0.0198	U,G	0.151	0.438	U,G	0.81	0.0227	U,G	0.235	0	U,G	0.236	1.43	U,G	2.23
NB-55-33-SL	0.0204	U	0.0894	-0.246	U	0.684	-0.0147	U	0.176	0.0178	U	0.141	0.236	U	1.63
NB-56-05-SL	-0.0445	U	0.117	-0.122	U	0.662	-0.0451	U	0.208	0.0393	U	0.154	-0.25	U	1.96
NB-56-13-SL	-0.0358	U,G	0.154	-0.116	U,G	0.869	-0.124	U,G	0.34	0.0232	U,G	0.247	-0.102	U,G	2.84
NB-56-25-SL	0.0226	U,G	0.12	0.0615	U,G	0.78	0.107	U,G	0.281	0.00554	U,G	0.225	-1.16	U,G	2.69
NB-56-33-SL	-0.0123	U	0.123	-0.0741	U	0.717	-0.0567	U	0.199	0	U	0.204	-0.348	U	2
NB-57-05-SL	-0.0876	U,G	0.18	-0.177	U,G	0.879	-0.106	U,G	0.392	-0.118	U,G	0.282	1.52	U,G	2.22
NB-57-05-SL-FD	-0.00592	U,G	0.143	-0.142	U,G	0.932	-0.0653	U,G	0.356	-0.158	U,G	0.319	-0.881	U,G	2.96
NB-57-15-SL	0.00517	U,G	0.137	0.113	U,G	0.799	-0.112	U,G	0.313	-0.0452	U,G	0.254	-1.17	U,G	3
NB-57-29-SL	-0.00533	U,G	0.106	-0.0996	U,G	0.763	0.0125	U,G	0.299	0.0533	U,G	0.154	-0.783	U,G	2.22
NB-57-34-SL	-0.00145	U,G	0.128	-0.0835	U,G	0.841	-0.0549	U,G	0.307	0.0111	U,G	0.201	0.384	U,G	2.36
NB-58-05-SL	-0.0117	U,G	0.0955	0.189	U,G	0.73	-0.0682	U,G	0.235	-0.0842	U,G	0.243	0.452	U,G	1.98
NB-58-15-SL	-0.11	U,G	0.176	-0.522	U,G	1.09	-0.0302	U,G	0.359	-0.0367	U,G	0.238	0.424	U,G	3.04
NB-58-29-SL	-0.0241	U,G	0.123	0.242	U,G	0.678	-0.1	U,G	0.252	-0.0278	U,G	0.226	-0.382	U,G	2.09
NB-58-36-SL	-0.0398	U,G	0.149	0.381	U,G	0.707	-0.0358	U,G	0.219	-0.0326	U,G	0.197	-0.847	U,G	2.77
NB-59-05-SL	-0.0164	U,G	0.111	-0.223	U,G	0.759	-0.119	U,G	0.233	-0.00391	U,G	0.204	-0.269	U,G	2.2
NB-59-13-SL	0.0136	U,G	0.154	0.693	U,G	0.789	-0.133	U,G	0.379	-0.104	U,G	0.27	0.609	U,G	2.54
NB-59-25-SL	0.00797	U,G	0.108	-0.0603	U,G	0.734	-0.0539	U,G	0.211	-0.0164	U,G	0.212	0.441	U,G	2.03
NB-59-31-SL	-0.0494	U,G	0.128	-0.262	U,G	0.846	-0.113	U,G	0.283	0.102	U,G	0.195	-0.136	U,G	2.52
NB-60-05-SL	0.0635	U,G	0.0944	-0.299	U,G	0.8	0.125	U,G	0.18	-0.0337	U,G	0.259	-0.0871	U,G	1.91
NB-60-13-SL	0.0166	U,G	0.144	0.0992	U,G	0.918	0.0129	U,G	0.243	-0.0872	U,G	0.322	-1.07	U,G	3.36
NB-60-23-SL	0.012	U,G	0.104	0	U,G	0.7	0.00068	U,G	0.278	-0.0473	U,G	0.191	-0.458	U,G	1.66

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cerium-139			Cerium-144			Cesium-134			Cesium-137			Chromium-51		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-60-31-SL	-0.0159	U,G	0.122	-0.252	U,G	0.953	-0.0862	U,G	0.248	-0.104	U,G	0.244	1.04	U,G	1.79
NB-61-05-SL	-0.0603	U,G	0.178	0.283	U,G	0.787	0.0934	U,G	0.3	-0.193	U,G	0.32	0.466	U,G	2.19
NB-61-13-SL	0.00525	U,G	0.126	0.0625	U,G	0.826	0.0365	U,G	0.212	-0.0242	U,G	0.314	-0.566	U,G	2.84
NB-61-23-SL	-0.0255	U,G	0.155	-0.0545	U,G	0.886	0.0809	U,G	0.238	0.0874	U,G	0.226	-0.539	U,G	2.64
NB-61-28-SL	0.0225	U	0.0746	-0.00398	U	0.587	-0.0308	U	0.177	0.0304	U	0.142	0.152	U	1.49
NB-62-05-SL	0.0364	U,G	0.132	0.0919	U,G	0.752	0	U,G	0.224	-0.0599	U,G	0.261	-0.144	U,G	2.66
NB-62-12-SL	-0.0452	U,G	0.102	0.0806	U,G	0.645	-0.0776	U,G	0.261	0	U,G	0.17	0.786	U,G	1.39
NB-62-22-SL	0.0391	U,G	0.115	0	U,G	0.762	0.0783	U,G	0.195	-0.0205	U,G	0.278	0.0968	U,G	2.96
NB-63-05-SL	0.0431	U,G	0.15	-0.42	U,G	0.976	0	U,G	0.277	0.00582	U,G	0.218	-0.358	U,G	2.89
NB-63-13-SL	0.0197	U,G	0.131	-0.226	U,G	0.798	-0.00937	U,G	0.21	0.0457	U,G	0.181	-0.612	U,G	2.05
NB-63-19-SL	-0.0219	U	0.091	0.204	U	0.512	-0.0728	U	0.193	0.0213	U	0.144	-0.948	U	1.92
NB-64-05-SL	-0.023	U,G	0.109	0.0832	U,G	0.756	-0.125	U,G	0.294	-0.0662	U,G	0.241	-0.781	U,G	2.22
NB-64-13-SL	-0.04	U,G	0.137	-0.12	U,G	0.733	-0.0935	U,G	0.269	0.0645	U,G	0.185	1.14	U,G	2.38
NB-64-17-SL	0.00637	U,G	0.0725	-0.205	U,G	0.558	-0.0447	U,G	0.259	-0.021	U,G	0.178	0.0619	U,G	1.42
NB-65-05-SL	-0.0338	U,G	0.119	-0.27	U,G	0.74	-0.0126	U,G	0.229	0.0056	U,G	0.228	-0.103	U,G	2.02
NB-65-13-SL	-0.027	U,G	0.108	-0.00455	U,G	0.606	-0.00662	U,G	0.192	0.0175	U,G	0.211	-1.1	U,G	2.26
NB-65-17-SL	0.0101	U,G	0.128	-0.12	U,G	0.739	-0.0942	U,G	0.264	0.0758	U,G	0.219	0.233	U,G	2.16
NB-66-05-SL	0.0119	U,G	0.149	-0.428	U,G	1.05	0.014	U,G	0.263	-0.0278	U,G	0.36	0.834	U,G	2.79
NB-66-05-SL-FD	0.00646	U,G	0.148	-0.0773	U,G	0.986	-0.0909	U,G	0.314	-0.162	U,G	0.404	0.544	U,G	2.83
NB-66-15-SL	-0.0394	U,G	0.151	-0.412	U,G	0.889	0.039	U,G	0.229	0.0356	U,G	0.207	0.728	U,G	1.99
NB-66-19-SL	-0.0146	U	0.0829	0.0803	U	0.432	-0.0673	U	0.203	0.0417	U	0.134	-0.448	U	1.61
NB-67-05-SL	0.0597	U,G	0.13	-0.39	U,G	0.983	0	U,G	0.248	0.137	U,G	0.154	-1.24	U,G	2.78
NB-67-11-SL	0.0288	U,G	0.0902	0.153	U,G	0.556	0.0156	U,G	0.275	0.013	U,G	0.172	0.492	U,G	1.41
NB-67-21-SL	-0.0371	U	0.116	-0.162	U	0.728	-0.046	U	0.18	-0.0654	U	0.204	0.0729	U	1.75
NB-68-05-SL	0.026	U,G	0.101	0.106	U,G	0.712	0.454	U,G	1.69	0.0685	U,G	0.192	-0.576	U,G	1.71
NB-68-13-SL	-0.0442	U,G	0.144	0.147	U,G	0.829	-0.0346	U,G	0.239	-0.0353	U,G	0.287	-0.413	U,G	2.57
NB-68-17-SL	-0.0482	U,G	0.15	-0.317	U,G	0.8	-0.0191	U,G	0.234	0	U,G	0.248	-0.444	U,G	2.22
NB-68-25-SL	0.00859	U,G	0.115	0.257	U,G	0.723	0.02	U,G	0.23	0.0564	U,G	0.239	-0.48	U,G	2.2
NB-68-33-SL	0.019	U,G	0.116	0.227	U,G	0.725	0.0223	U,G	0.217	0.0444	U,G	0.207	-0.549	U,G	2.29
NB-69-05-SL	0.0438	U,G	0.0912	0.0138	U,G	0.674	-0.0336	U,G	0.279	-0.0305	U,G	0.172	0.262	U,G	1.44
NB-69-15-SL	0.0325	U,G	0.0853	0.242	U,G	0.589	0.0321	U,G	0.252	-0.0206	U,G	0.183	0.183	U,G	1.51
NB-69-22-SL	-0.0306	U,G	0.124	0	U,G	0.759	0.103	U,G	0.298	0.0196	U,G	0.195	-0.448	U,G	1.89
NB-69-34-SL	-0.0296	U	0.102	-0.134	U	0.609	-0.025	U	0.27	-0.0204	U	0.166	0.726	U	1.37
NB-70-05-SL	0.00994	U,G	0.107	0.145	U,G	0.691	0.00204	U,G	0.292	-0.0555	U,G	0.204	-0.316	U,G	1.67
NB-70-15-SL	0.0425	U,G	0.0966	-0.122	U,G	0.675	0.0415	U,G	0.201	-0.00778	U,G	0.226	-0.804	U,G	2.27
NB-70-23-SL	-0.0367	U,G	0.116	-0.0159	U,G	0.709	0.253	U,G	1.58	-0.00809	U,G	0.225	-0.22	U,G	1.94
NB-70-33-SL	0.039	U,G	0.103	0.0726	U,G	0.669	0.0142	U,G	0.282	-0.0713	U,G	0.22	-0.0804	U,G	1.65
NB-71-01-SL	0.0105	U,G	0.125	-0.265	U,G	0.855	0.0551	U,G	0.201	0	U,G	0.244	-0.449	U,G	2.29
NB-71-01-SL-FD	0.0565	U,G	0.152	-0.308	U,G	0.956	0.0306	U,G	0.296	0.0124	U,G	0.272	-1.36	U,G	2.85
NB-71-11-SL	-0.0815	U,G	0.147	0.286	U,G	0.866	0.0448	U,G	0.245	0.012	U,G	0.247	0.307	U,G	2.55
NB-71-27-SL	-0.00139	U,G	0.101	-0.136	U,G	0.616	0.0255	U,G	0.171	0.0206	U,G	0.155	0.332	U,G	1.25
NB-72-05-SL	-0.00958	U,G	0.141	-0.2	U,G	0.755	0.0661	U,G	0.212	0.104	U,G	0.192	-0.629	U,G	2.11
NB-72-11-SL	0.0367	U,G	0.127	0.0731	U,G	0.915	-0.0572	U,G	0.279	-0.145	U,G	0.33	-0.349	U,G	3.1

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cerium-139			Cerium-144			Cesium-134			Cesium-137			Chromium-51		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-72-19-SL	0.00689	U	0.0879	0.135	U	0.597	-0.105	U	0.264	0.0462	U	0.159	0.0418	U	1.66
NB-72-22-SL	-0.0344	U	0.105	-0.0257	U	0.667	-0.11	U	0.226	0.0231	U	0.221	-0.446	U	2.24
NB-73-05-SL	0.0547	U,G	0.129	0.0327	U,G	0.752	-0.0767	U,G	0.241	0.0686	U,G	0.221	-0.372	U,G	2.53
NB-73-13-SL	-0.0457	U,G	0.114	-0.0606	U,G	0.773	0	U,G	0.215	-0.0636	U,G	0.284	0.29	U,G	1.91
NB-73-23-SL	0.0137	U	0.117	0.0273	U	0.613	0	U	0.186	-0.0442	U	0.256	0.475	U	2.12
NB-74-05-SL	-0.0452	U,G	0.113	-0.106	U,G	0.77	0.178	U,G	1.94	-0.0141	U,G	0.216	0.514	U,G	1.76
NB-74-17-SL	0.0353	U,G	0.112	-0.1	U,G	0.793	-0.00936	U,G	0.234	0.0454	U,G	0.198	0	U,G	2.26
NB-74-25-SL	-0.02	U,G	0.157	-0.401	U,G	0.909	-0.00945	U,G	0.324	0.0345	U,G	0.231	1.48	U,G	2.26
NB-74-33-SL	-0.0245	U,G	0.09	-0.152	U,G	0.662	-0.0309	U,G	0.179	0.00851	U,G	0.175	-0.464	U,G	1.86
NB-75-08-SL	-0.0197	U,G	0.108	0.228	U,G	0.643	0.0341	U,G	0.172	-0.0413	U,G	0.214	-0.0876	U,G	2.01
NB-75-15-SL	-0.0283	U,G	0.162	0.245	U,G	0.707	0.018	U,G	0.206	0	U,G	0.182	0	U,G	2.41
NB-75-19-SL	0	U	0.0849	0.36	U	0.465	-0.0465	U	0.177	0.0241	U	0.124	0.235	U	1.48
NB-76-06-SL	-0.0288	U,G	0.118	-0.0857	U,G	0.641	-0.0944	U,G	0.232	-0.069	U,G	0.208	-0.0901	U,G	1.97
NB-76-10-SL	-0.0169	U	0.0755	-0.0712	U	0.537	0.00672	U	0.182	-0.0621	U	0.197	0.8	TI	0.783
NB-76-24-SL	-0.0169	U	0.097	-0.0504	U	0.566	0	U	0.164	0.00453	U	0.17	0.0452	U	1.66
NB-77-05-SL	-0.0259	U,G	0.0921	0.155	U,G	0.59	-0.0151	U,G	0.286	-0.0286	U,G	0.188	0.234	U,G	1.4
NB-77-13-SL	-0.0154	U	0.111	0.103	U	0.634	-0.0598	U	0.205	-0.0832	U	0.234	-0.571	U	2
NB-77-24-SL	-0.00391	U	0.0744	0.271	U	0.46	-0.0267	U	0.189	-0.0163	U	0.14	-0.202	U	1.51
NB-78-07-SL	-0.00554	U,G	0.144	0.364	U,G	0.828	-0.0388	U,G	0.318	-0.141	U,G	0.356	0.258	U,G	2.39
NB-78-11-SL	0.0073	U,G	0.0905	0.162	U,G	0.554	0.0686	U,G	0.255	0.032	U,G	0.172	-0.337	U,G	1.5
NB-78-18-SL	0.0102	U,G	0.112	-0.0569	U,G	0.772	0.08	U,G	0.179	0.0108	U,G	0.188	-0.437	U,G	2.1
NB-79-05-SL	0	U,G	0.122	-0.439	U,G	0.93	-0.0115	U,G	0.231	0.0106	U,G	0.265	0.218	U,G	2.02
NB-79-05-SL-FD	0.0373	U,G	0.104	0.116	U,G	0.703	0.0174	U,G	0.185	-0.0316	U,G	0.206	0	U,G	1.64
NB-79-11-SL	-0.0879	U,G	0.138	0.147	U,G	0.608	-0.092	U,G	0.231	-0.102	U,G	0.265	0.404	U,G	2.1
NB-79-24-SL	-0.00605	U	0.0851	-0.183	U	0.614	0.00387	U	0.197	-0.0154	U	0.199	0.642	U	1.44
NB-80-05-SL	-0.0333	U,G	0.121	0.057	U,G	0.839	0.0112	U,G	0.218	-0.0325	U,G	0.268	-0.0666	U,G	2.36
NB-80-11-SL	0.0636	U,G	0.0931	0.306	U,G	0.602	0.0372	U,G	1.93	-0.065	U,G	0.184	-0.113	U,G	1.58
NB-80-27-SL	-0.0326	U,G	0.13	-0.0844	U,G	0.816	-0.0279	U,G	0.263	0.0568	U,G	0.221	0.78	U,G	1.9
NB-81-09-SL	0.0357	U,G	0.0991	-0.24	U,G	0.701	0.0164	U,G	0.214	-0.0901	U,G	0.225	-0.146	U,G	1.8
NB-81-11-SL	0.0305	U,G	0.0974	-0.221	U,G	0.852	-0.046	U,G	0.212	-0.0508	U,G	0.231	0.385	U,G	1.4
NB-81-31-SL	0.00586	U,G	0.0847	0.0273	U,G	0.588	-0.0532	U,G	0.26	-0.0234	U,G	0.176	-0.242	U,G	1.36
NB-82-05-SL	-0.0235	U,G	0.145	-0.501	U,G	0.988	0.117	U,G	0.283	-0.0951	U,G	0.26	0.636	U,G	2.32
NB-82-11-SL	0.0389	U	0.0758	0.159	U	0.548	0.0149	U	0.243	0.0405	U	0.169	-0.252	U	1.47
NB-82-20-SL	-0.00552	U	0.0785	0.166	U	0.472	-0.048	U	0.186	0.0526	U	0.123	0.654	U	1.09
NB-83-05-SL	0.0366	U,G	0.133	0	U,G	0.981	-0.0286	U,G	0.269	-0.0395	U,G	0.426	-0.235	U,G	3.12
NB-83-11-SL	-0.00798	U,G	0.0915	0.152	U,G	0.561	0.0647	U,G	0.247	0.0106	U,G	0.157	-0.414	U,G	1.54
NB-83-23-SL	0.0262	U	0.0748	0.0482	U	0.481	-0.0107	U	0.153	-0.0226	U	0.186	0	U	1.41
NB-84-05-SL	-0.0649	U,G	0.159	0.106	U,G	0.937	0.0139	U,G	0.296	0.124	U,G	0.259	0	U,G	2.54
NB-84-15-SL	-0.0122	U,G	0.0999	0.261	U,G	0.596	-0.0692	U,G	0.297	-0.0037	U,G	0.184	0.424	U,G	1.31
NB-84-23-SL	0.0191	U,G	0.0778	-0.179	U,G	0.69	-0.101	U,G	0.226	0	U,G	0.162	-0.401	U,G	1.76
NB-84-33-SL	0.0283	U	0.0913	0.2	U	0.661	0.0331	U	0.266	0	U	0.183	0.0769	U	1.85
NB-85-05-SL	-0.0254	U,G	0.143	-0.0892	U,G	0.86	0.0206	U,G	0.22	0.0373	U,G	0.207	-0.367	U,G	2.75
NB-85-15-SL	-0.023	U,G	0.144	-0.026	U,G	0.792	-0.0193	U,G	0.216	0.0116	U,G	0.219	0	U,G	2.75

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cerium-139			Cerium-144			Cesium-134			Cesium-137			Chromium-51		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-85-25-SL	-0.0102	U,G	0.144	-0.357	U,G	0.919	-0.00986	U,G	0.247	0.0475	U,G	0.178	-0.821	U,G	2.76
NB-85-35-SL	-0.0192	U	0.0785	0.0348	U	0.495	0.0102	U	0.156	-0.028	U	0.161	-0.085	U	1.6
NB-86-05-SL	-0.0457	U,G	0.178	-0.153	U,G	1.01	0.0148	U,G	0.257	-0.0539	U,G	0.307	-3.04	U,G	4.38
NB-86-15-SL	-0.0065	U,G	0.125	-0.289	U,G	0.911	-0.0187	U,G	0.188	0.079	U,G	0.17	0.67	U,G	2.32
NB-86-19-SL	-0.0186	U,G	0.0983	0.142	U,G	0.622	0.123	U,G	0.27	-0.0359	U,G	0.209	-0.39	U,G	2.08
OA-18-03-SL	0.0424	U	0.0963	0.153	U	0.628	0.013	U	0.198	0.04	U	0.157	0	U	1.99
OA-18-17-SL	-0.028	U,G	0.116	0.1	U,G	0.642	0.0777	U,G	0.182	0.0587	U,G	0.192	0	U,G	1.96
OA-18-25-SL	0.016	U,G	0.138	0.126	U,G	0.891	0.0861	U,G	0.255	0.111	U,G	0.212	1.92	U,G	2.01
OA-18-33-SL	-0.029	U	0.0951	-0.0347	U	0.651	-0.0168	U	0.214	-0.102	U	0.22	-0.607	U	1.86
OA-19-05-SL	-0.00942	U	0.141	0.0838	U	0.763	0.152	U	0.197	-0.148	U	0.315	-0.394	U	2.54
OA-19-15-SL	0.0607	U,G	0.0938	-0.332	U,G	0.726	0.0122	U,G	0.207	0.0185	U,G	0.178	0	U,G	1.86
OA-19-25-SL	-0.0193	U,G	0.151	0.371	U,G	0.728	-0.0334	U,G	0.261	-0.0527	U,G	0.305	0.165	U,G	2.52
OA-19-33-SL	0.0119	U	0.0869	-0.18	U	0.649	0.0267	U	0.166	-0.0156	U	0.202	-0.242	U	1.77
PL-04-05-SL	-0.0179	U,G	0.157	-0.0601	U,G	0.92	-0.0496	U,G	0.296	-0.0241	U,G	0.25	0	U,G	2.38
PL-04-13-SL	0.00982	U,G	0.123	-0.292	U,G	0.896	0.0343	U,G	0.215	0.0594	U,G	0.212	-0.233	U,G	2.74
PL-04-23-SL	-0.0415	U	0.141	-0.347	U	0.924	0.0176	U	0.225	0.0214	U	0.241	0.259	U	2.28
PL-04-31-SL	-0.0102	U,G	0.107	-0.21	U,G	0.737	-0.0379	U,G	0.216	-0.0396	U,G	0.23	-0.59	U,G	1.94
PL-05-05-SL	-0.0384	U,G	0.112	0	U,G	0.741	-0.0682	U,G	0.205	0.031	U,G	0.208	0.0838	U,G	1.88
PL-05-15-SL	-0.0269	U	0.156	0.107	U	0.752	0.00882	U	0.241	-0.0752	U	0.202	0	U	2.03
PL-05-28-SL	-0.0478	U,G	0.115	-0.172	U,G	0.749	0.0349	U,G	0.164	-0.0106	U,G	0.176	-0.258	U,G	2.1
PL-06-07-SL	-0.00505	U,G	0.116	-0.383	U,G	0.831	0.0695	U,G	0.218	0.0204	U,G	0.196	0.0978	U,G	2.19
PL-06-13-SL	-0.0108	U,G	0.113	-0.0932	U,G	0.795	-0.167	U,G	0.27	-0.147	U,G	0.277	0	U,G	1.9
PL-06-17-SL	-0.0319	U,G	0.119	0.0669	U,G	0.796	0.0887	U,G	0.161	0.171	LT,G,T	0.151	0.401	U,G	2.51
PL-06-29-SL	-0.00821	U	0.0942	-0.079	U	0.633	-0.081	U	0.268	0.0231	U	0.147	0.334	U	1.5
PL-06-33-SL	-0.00199	U	0.106	0.0254	U	0.658	-0.00831	U	0.191	0.0101	U	0.196	0.823	U	1.84
RR-04-07-SL	-0.05	U,G	0.168	0.296	U,G	0.79	-0.0383	U,G	0.272	-0.102	U,G	0.317	0.301	U,G	3.05
RR-04-15-SL	0.0434	U,G	0.109	0.124	U,G	0.793	-0.0798	U,G	0.194	-0.0214	U,G	0.216	-0.478	U,G	2.3
RR-04-25-SL	0.0162	U,G	0.15	-0.096	U,G	0.801	0.0871	U,G	0.234	0.076	U,G	0.26	0.335	U,G	2.8
RR-05-05-SL	-0.0102	U,G	0.173	0.627	U,G	0.789	0.0392	U,G	0.284	0.0832	U,G	0.216	0.526	U,G	2.87
RR-05-05-SL-FD	0.0357	U,G	0.165	-0.211	U,G	1.03	-0.0681	U,G	0.274	0.0457	U,G	0.313	-0.234	U,G	3.32
RR-05-15-SL	0.0162	U,G	0.107	-0.465	U,G	0.863	-0.0618	U,G	0.193	-0.032	U,G	0.208	0.292	U,G	2.19
RR-05-25-SL	-0.0545	U,G	0.169	0.158	U,G	0.849	-0.0207	U,G	0.402	-0.0126	U,G	0.296	0.89	U,G	2.67
SW-02-01-SL	0.0324	U,G	0.359	-0.186	U,G	1.26	0.0881	U,G	0.228	0.0613	U,G	0.33	-0.729	U,G	2.19
SW-02-09-SL	0.00138	U,G	0.107	0.315	U,G	0.717	-0.06	U,G	0.237	0.0279	U,G	0.208	0.0869	U,G	1.95
SW-02-15-SL	0.112	U,G	0.132	0.0954	U,G	0.897	-0.0629	U,G	0.38	-0.051	U,G	0.24	1.05	U,G	2.73
SW-02-23-SL	0.0389	U,G	0.0976	-0.0995	U,G	0.744	-0.083	U,G	0.224	-0.0184	U,G	0.228	0.601	U,G	1.78
SW-05-08-SL	-0.0356	U,G	0.17	-0.245	U,G	0.96	-0.0997	U,G	0.285	0.012	U,G	0.21	-0.593	U,G	3.08
SW-05-12-SL	-0.0348	U,G	0.126	0.0387	U,G	0.806	0.0879	U,G	0.188	0.0378	U,G	0.235	-0.111	U,G	2.17
SW-06-05-SL	0.043	U,G	0.108	0.065	U,G	0.76	0.0185	U,G	0.208	-0.0111	U,G	0.194	0.771	U,G	2.22
SW-06-05-SL-FD	-0.0332	U,G	0.129	0.485	U,G	0.705	0.0674	U,G	0.202	-0.00704	U,G	0.237	0.107	U,G	2.28
SW-06-13-SL	0.0591	U,G	0.124	-0.0314	U,G	0.899	0.134	U,G	0.228	-0.085	U,G	0.321	0.496	U,G	3.02
SW-06-23-SL	0.0128	U,G	0.125	0	U,G	0.82	-0.0315	U,G	0.328	0.12	U,G	0.21	-0.866	U,G	2.43
SW-07-05-SL	0.0258	U,G	0.108	-0.258	U,G	0.839	0.00553	U,G	0.173	-0.00804	U,G	0.233	0.203	U,G	2.28

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cerium-139			Cerium-144			Cesium-134			Cesium-137			Chromium-51		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SW-07-15-SL	-0.0287	U,G	0.166	-0.0336	U,G	1.04	-0.0649	U,G	0.312	-0.109	U,G	0.354	1.59	U,G	2.24
SW-07-23-SL	-0.0815	U,G	0.136	-0.0162	U,G	0.753	0.012	U,G	0.31	0.0554	U,G	0.21	-0.594	U,G	2.5
SW-08-03-SL	-0.00517	U,G	0.15	0.183	U,G	0.806	0.0355	U,G	0.223	0.0596	U,G	0.234	-0.976	U,G	3.46
SW-08-05-SL	0.00682	U,G	0.149	0.753	U,G	0.779	-0.152	U,G	0.357	-0.0115	U,G	0.225	0.306	U,G	2.78
SW-08-15-SL	-0.0516	U,G	0.171	-0.0338	U,G	1.02	-0.144	U,G	0.309	0.016	U,G	0.274	0.677	U,G	3.37
SW-08-25-SL	0.00777	U	0.088	-0.0501	U	0.567	0.00777	U	0.156	-0.0188	U	0.183	-0.343	U	1.78

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cobalt-56			Cobalt-57			Cobalt-58			Cobalt-60			Europium-152		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-13-09-SL	0.0733	U,G	0.573	-0.00202	U,G	0.0978	-0.0667	U,G	0.265	0.0467	U,G	0.229	-0.527	U,G	1.54
BD-13-15-SL	0.313	U,G	0.532	-0.0309	U,G	0.0984	-0.0492	U,G	0.264	0.0318	U,G	0.27	0.315	U,G	1.24
BD-13-23-SL	0.0665	U,G	0.563	0.0197	U,G	0.0994	-0.0146	U,G	0.284	-0.0571	U,G	0.298	0.673	U,G	1.06
BD-13-30-SL	0.0188	U,G	0.424	-0.0354	U,G	0.1	-0.0257	U,G	0.222	0.0824	U,G	0.153	0.163	U,G	1.07
BD-14-05-SL	0.154	U,G	0.504	-0.0109	U,G	0.0993	0.046	U,G	0.234	-0.0473	U,G	0.333	0.236	U,G	1.27
BD-14-13-SL	0.0635	U,G	0.454	0.0163	U,G	0.0871	0	U,G	0.204	-0.0306	U,G	0.24	0.083	U,G	1.29
BD-14-25-SL	-0.109	U	0.657	0.0137	U	0.0891	-0.0317	U	0.283	-0.0446	U	0.268	-0.334	U	1.77
BD-14-31-SL	0.221	U	0.397	-0.0243	U	0.101	-0.0187	U	0.266	0.0451	U	0.243	-0.451	U	1.79
BD-15-05-SL	0.257	U,G	0.459	-0.00983	U,G	0.0985	-0.169	U,G	0.292	-0.00279	U,G	0.277	0.445	U,G	1.1
BD-15-17-SL	-0.234	U,G	0.943	-0.00882	U,G	0.128	-0.168	U,G	0.38	-0.143	U,G	0.454	1	U,G	1.05
BD-15-25-SL	-0.0774	U	0.52	-0.0105	U	0.0871	0.0338	U	0.179	-0.0434	U	0.224	0.024	U	0.949
BD-15-31-SL	-0.296	U,G	0.823	0.00398	U,G	0.107	0.0175	U,G	0.304	0.0516	U,G	0.278	0	U,G	1.82
BD-16-05-SL	0.126	U,G	0.761	-0.0077	U,G	0.104	0.0155	U,G	0.288	0.0495	U,G	0.23	0.618	U,G	1.62
BD-16-15-SL	0.297	U,G	0.616	-0.0142	U,G	0.0971	-0.0854	U,G	0.268	-0.0352	U,G	0.274	-0.497	U,G	1.69
BD-16-19-SL	0.276	U,G	0.434	-0.0364	U,G	0.124	-0.0692	U,G	0.309	-0.019	U,G	0.204	0.282	U,G	1.01
BD-16-25-SL	0.373	U,G	0.7	-0.0385	U,G	0.122	-0.142	U,G	0.405	0.11	U,G	0.361	0.412	U,G	1.01
BD-16-34-SL	0.103	U,G	0.516	-0.0439	U,G	0.103	-0.0293	U,G	0.255	-0.00303	U,G	0.3	-0.136	U,G	1.66
BLD240-01-01	0.01	U	0.47	0.019	U	0.105	0.06	U	0.18	0.043	U	0.115	-0.12	U	0.92
BLD240-01-09	0.11	U	0.52	0.001	U	0.101	0.034	U	0.148	-0.01	U	0.23	-0.19	U	1.04
BLD240-01-09FD	-0.15	U	0.57	0.003	U	0.096	0.02	U	0.2	-0.007	U	0.195	-0.04	U	0.87
BLD240-01-31															
BLD240-03-04	-0.06	U	0.6	0.014	U	0.104	0.01	U	0.21	-0.09	U	0.32	0.38	U	1.01
BLD240-03-04FD	0.34	U	0.47	-0.002	U	0.114	-0.02	U	0.27	-0.03	U	0.24	0.74	TI	0.71
BLD240-03-14															
BLD240-03-19	0.23	U	0.56	0.037	U	0.101	-0.07	U	0.25	-0.18	U	0.34	0	U	1.33
BLD240-04-02	0.29	U	0.35	0.024	U	0.096	-0.06	U	0.28	-0.03	U	0.25	-0.41	U	1.16
BLD240-04-04	0.11	U	0.52	0.013	U	0.088	-0.01	U	0.27	-0.07	U	0.26	-0.11	U	1.01
BLD240-04-33															
BLD240-05-01	0.31	U	0.42	0.013	U	0.108	-0.06	U	0.28	0.04	U	0.19	-0.09	U	1.06
BLD240-05-02	0.23	U	0.52	-0.031	U	0.111	-0.03	U	0.28	-0.02	U	0.24	0.09	U	1.28
BLD253-02-01	0.06	U	0.28	-0.019	U	0.09	-0.058	U	0.211	-0.056	U	0.172	-0.1	U	0.76
BLD253-02-04	-0.19	U	0.64	0.087	U	0.159	-0.05	U	0.26	0.03	U	0.28	0.33	U	0.9
BLD253-02-21FD	0.05	U	0.44	-0.024	U	0.098	0	U	0.2	0.03	U	0.21	0.3	U	0.8
BLD253-02-21															
BLD255-05-01															
BLD255-05-23															
BLD255-07-02	0.19	U	0.41	-0.02	U	0.103	0	U	0.21	-0.007	U	0.204	-0.02	U	1.1
BLD255-07-15	0.06	U	0.52	0.003	U	0.108	0.06	U	0.27	-0.055	U	0.24	0.18	U	1.1
BLD255-07-33															
BLD255-08-01	0.47	TI	0.35	0.15	U	0.17	-0.02	U	0.21	0.1	U	0.15	0.25	U	0.85
BLD255-08-08	-0.09	U	0.6	0.025	U	0.106	0.09	U	0.26	0	U	0.25	0.1	U	1.03
BLD260-06-01	0	U	0.49	0.013	U	0.101	0.05	U	0.21	0.19	TI	0.04	-0.04	U	1
BLD260-06-03	0.32	U	0.49	-0.022	U	0.116	0	U	0.26	0.12	U	0.24	0	U	1.43

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cobalt-56			Cobalt-57			Cobalt-58			Cobalt-60			Europium-152		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BLD260-06-31															
BP-13-05-SL	0.0388	U,G	0.544	-0.0334	U,G	0.104	-0.0295	U,G	0.257	-0.0208	U,G	0.294	-0.354	U,G	1.37
BP-13-11-SL	0.121	U,G	0.532	0.0112	U,G	0.0895	-0.0967	U,G	0.31	0.0249	U,G	0.306	-0.0689	U,G	1.19
BP-13-15-SL	0.0398	U,G	0.694	-0.0143	U,G	0.103	0.124	U,G	0.26	0.0229	U,G	0.3	-0.114	U,G	0.842
BP-13-25-SL	0.224	U,G	0.634	0.0329	U,G	0.105	-0.0316	U,G	0.304	-0.0246	U,G	0.296	-0.44	U,G	1.59
BP-13-35-SL	0.0323	U,G	0.508	0.0308	U,G	0.0775	-0.079	U,G	0.281	0.0106	U,G	0.277	0.105	U,G	1.04
BP-17-05-SL	0.0858	U,G	0.715	-0.0436	U,G	0.121	0.00594	U,G	0.361	0.0256	U,G	0.335	0.255	U,G	1.18
BP-17-15-SL	0.229	U	0.458	0.0371	U	0.071	-0.0261	U	0.237	-0.013	U	0.224	0	U	1.2
BP-17-23-SL	0.122	U,G	0.572	-0.00436	U,G	0.092	-0.0142	U,G	0.213	-0.0947	U,G	0.311	-0.648	U,G	1.55
BP-17-31-SL	0.0816	U,G	0.535	-0.0151	U,G	0.115	-0.0584	U,G	0.294	-0.0243	U,G	0.319	-0.243	U,G	1.82
BP-18-05-SL	-0.0988	U,G	0.686	-0.0202	U,G	0.128	-0.00393	U,G	0.248	0.0488	U,G	0.316	0.0728	U,G	1.46
BP-18-15-SL	0.175	U,G	0.694	-0.00808	U,G	0.119	0.0586	U,G	0.316	-0.104	U,G	0.391	0.781	U,G	1.21
BP-18-25-SL	0.12	U,G	0.786	0.0209	U,G	0.113	0.0191	U,G	0.311	0.076	U,G	0.305	-0.68	U,G	2.12
BP-18-31-SL	0.0841	U	0.356	0.026	U	0.0569	0.0228	U	0.149	-0.109	U	0.274	0.154	U	1.02
BP-19-05-SL	-0.0491	U	0.487	-0.0225	U	0.081	-0.0466	U	0.234	-0.146	U	0.304	0.302	U	1.04
BP-19-13-SL	0.306	U	0.52	0.0033	U	0.0918	0.0312	U	0.267	-0.036	U	0.308	0.0796	U	1.09
BP-19-25-SL	0.255	U,G	0.456	0.0443	U,G	0.0771	-0.0259	U,G	0.235	-0.0162	U,G	0.251	0.0134	U,G	1.16
BP-19-29-SL	-0.0366	U	0.638	0.0237	U	0.094	-0.0795	U	0.308	-0.109	U	0.346	0.218	U	0.802
BP-20-03-SL	-0.0363	U	0.707	0.0301	U	0.102	-0.0117	U	0.305	-0.0431	U	0.304	-0.431	U	1.62
BP-20-19-SL	0.103	U,G	0.596	0.0756	U,G	0.0946	-0.0579	U,G	0.272	0.0229	U,G	0.224	0.0227	U,G	1.12
BP-20-27-SL	0.031	U	0.436	-0.0098	U	0.0828	0.0118	U	0.177	-0.12	U	0.243	-0.39	U	1.28
BP-21-07-SL	0.121	U,G	0.568	-0.0148	U,G	0.112	0.102	U,G	0.23	0.0238	U,G	0.175	-0.119	U,G	1.67
BP-21-07-SL-FD	0.156	U	0.562	-0.0496	U	0.131	-0.0395	U	0.265	-0.0171	U	0.313	-0.17	U	1.56
BP-21-13-SL	0.14	U	0.439	-0.0147	U	0.0917	-0.075	U	0.266	0.0438	U	0.256	-0.539	U	1.19
BP-21-24-SL	-0.04	U,G	0.753	-0.044	U,G	0.114	0.0333	U,G	0.275	-0.0472	U,G	0.309	-0.353	U,G	1.66
BP-21-34-SL	0.181	U	0.328	0	U	0.0954	0.0133	U	0.237	-0.11	U	0.282	0.102	U	0.995
BP-22-05-SL	0.202	U,G	0.518	-0.0369	U,G	0.106	0.0134	U,G	0.223	0.00836	U,G	0.197	0.0832	U,G	1.29
BP-22-13-SL	0.257	U,G	0.482	0.0178	U,G	0.0957	-0.00927	U,G	0.28	-0.0129	U,G	0.298	-0.0643	U,G	1.48
BP-22-23-SL	0.0021	U	0.481	-0.00837	U	0.0931	-0.0478	U	0.208	0.00248	U	0.215	-0.223	U	1.15
BP-22-33-SL	0.0652	U	0.568	-0.0361	U	0.0848	-0.0362	U	0.2	0.0194	U	0.254	-0.0969	U	1.16
CB-02-05-SL	0.117	U,G	0.512	-0.0112	U,G	0.109	-0.0746	U,G	0.262	0.103	U,G	0.126	-0.17	U,G	1.02
CB-02-05-SL-FD	-0.219	U,G	0.771	0.0166	U,G	0.12	0.0166	U,G	0.295	0.00499	U,G	0.245	0.645	U,G	1.04
CB-02-15-SL	0.108	U,G	0.444	-0.0307	U,G	0.115	-0.0324	U,G	0.271	0.017	U,G	0.222	0.336	U,G	1.01
CB-02-25-SL	0.457	U,G	0.506	0.0587	U,G	0.11	-0.0793	U,G	0.268	0.0329	U,G	0.283	0.514	U,G	0.982
DM-02-05-SL	0.144	U	0.541	0.151	U	0.167	0.0784	U	0.235	0.0842	U	0.276	0	U	1.13
DM-02-17-SL	-0.0586	U,G	0.586	-0.0428	U,G	0.109	-0.0456	U,G	0.341	-0.0798	U,G	0.322	0.412	U,G	1.08
DM-02-22-SL	0.155	U	0.673	0.049	U	0.17	-0.152	U	0.347	0.134	U	0.165	-0.224	U	1.34
DM-02-33-SL	-0.0783	U	0.518	0.0251	U	0.124	-0.0124	U	0.234	0.00251	U	0.217	0.0125	U	1.08
DM-03-05-SL	0.0642	U,G	0.543	0.0175	U,G	0.0914	0.0282	U,G	0.256	-0.164	U,G	0.326	-0.211	U,G	1.55
DM-03-05-SL-FD	-0.134	U,G	0.901	0.00806	U,G	0.117	0.0187	U,G	0.324	-0.154	U,G	0.449	0	U,G	1.81
DM-03-13-SL	0.0566	U,G	0.561	0.0156	U,G	0.0848	0	U,G	0.262	-0.0189	U,G	0.268	0.55	U,G	0.639
DM-03-25-SL	0.215	U,G	0.564	-0.0116	U,G	0.111	-0.13	U,G	0.386	0.0247	U,G	0.229	0	U,G	1.48
DM-03-34-SL	-0.0528	U,G	0.529	-0.018	U,G	0.0963	-0.0411	U,G	0.249	0.0907	U,G	0.194	-0.328	U,G	1.27

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cobalt-56			Cobalt-57			Cobalt-58			Cobalt-60			Europium-152		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
EP-13-03-SL	0.227	UJ	0.446	0.0341	UJ	0.112	0.00181	UJ	0.234	0.034	UJ	0.204	0.0844	UJ	1.19
EP-13-13-SL	0.0864	UJ	0.753	0.0587	UJ	0.103	0.07	UJ	0.247	-0.0751	UJ	0.353	0.375	UJ	1.64
EP-13-25-SL	0.223	UJ	0.398	0.0644	U	0.0925	0.0127	UJ	0.26	0.0341	UJ	0.256	0.0845	UJ	1.01
EP-13-30-SL	0.0917	UJ	0.495	-0.0092	UJ	0.0887	0.0134	UJ	0.213	0.0705	UJ	0.214	0.27	UJ	1.07
EP-14-05-SL	0.142	UJ	0.753	-0.00429	UJ	0.121	0.101	UJ	0.291	0.0275	UJ	0.36	-0.274	UJ	1.8
EP-14-13-SL	0.0861	UJ	0.507	-0.0366	UJ	0.119	0.0306	UJ	0.233	-0.0847	UJ	0.239	-0.252	UJ	1.26
EP-14-25-SL	0.178	UJ	0.435	0.00215	UJ	0.112	-0.0139	UJ	0.256	0.0372	UJ	0.224	-0.277	UJ	1.3
EP-14-31-SL	0.153	UJ	0.51	-0.0184	UJ	0.0952	0	UJ	0.26	-0.0335	UJ	0.26	0.195	UJ	1.1
EP-15-05-SL	0.034	U,G	0.708	-0.0363	U,G	0.122	-0.125	U,G	0.328	0.0821	U,G	0.237	-0.408	U,G	1.85
EP-15-13-SL	-0.0442	U,G	0.739	0.0512	U,G	0.111	-0.0769	U,G	0.303	-0.0283	U,G	0.306	-0.795	U,G	1.89
EP-15-25-SL	0.247	U	0.424	0.0347	U	0.0709	0.0409	U	0.202	-0.141	U	0.302	0.201	U	1.42
EP-15-29-SL	0.283	U	0.399	0.0252	U	0.0899	-0.0351	U	0.315	-0.0989	U	0.361	-0.0427	U	1.39
EP-16-05-SL	0.0934	U,G	0.617	-0.041	U,G	0.111	0.074	U,G	0.159	0.098	U,G	0.21	0.0591	U,G	1.55
EP-16-15-SL	-0.162	U,G	0.529	-0.00367	U,G	0.0996	0.0476	U,G	0.175	0.0317	U,G	0.171	-0.0785	U,G	1.11
EP-16-27-SL	-0.0158	U	0.27	0.0359	U	0.0576	0.026	U	0.175	0.0135	U	0.162	0.0668	U	0.802
EP-17-05-SL	-0.177	U,G	0.666	-0.0278	U,G	0.123	-0.00411	U,G	0.306	0.177	U,G	0.332	0.253	U,G	1.17
EP-17-15-SL	0.417	U,G	0.537	0.0154	U,G	0.118	-0.121	U,G	0.305	0.0138	U,G	0.355	-0.0229	U,G	1.38
EP-17-25-SL	0.0944	U,G	0.749	-0.0296	U,G	0.129	0.0832	U,G	0.326	0.0808	U,G	0.324	0.134	U,G	1.9
EP-17-30-SL	0.274	U	0.34	0.0787	TI	0.0709	-0.038	U	0.271	-0.0532	U	0.246	-0.0203	U	1.22
EP-18-09-SL	0.323	UJ	0.693	0.0334	UJ	0.125	0.0171	UJ	0.318	-0.107	UJ	0.402	0	UJ	1.44
EP-18-09-SL-FD	0.156	UJ	0.555	0.0459	UJ	0.0897	-0.126	UJ	0.269	0.125	UJ	0.233	0.397	UJ	1.19
EP-18-15-SL	0.244	UJ	0.577	-0.0467	UJ	0.11	-0.0431	UJ	0.298	0.165	U	0.205	0.462	UJ	1.14
EP-18-29-SL	0.13	UJ	0.784	0.0196	UJ	0.117	0.022	UJ	0.34	-0.0751	UJ	0.353	0.25	UJ	1.5
EP-19-05-SL	0.135	UJ	0.545	-0.0331	UJ	0.114	-0.063	UJ	0.278	0.0317	UJ	0.277	0.396	UJ	1.19
EP-19-13-SL	0.19	UJ	0.567	0.0245	UJ	0.12	-0.0441	UJ	0.256	-0.151	UJ	0.328	-0.059	UJ	1.17
EP-19-25-SL	0.257	UJ	0.449	-0.024	UJ	0.0963	-0.0576	UJ	0.271	-0.0174	UJ	0.27	0.188	UJ	1.25
EP-19-31-SL	0.0286	UJ	0.577	0.00203	UJ	0.0983	0.0406	UJ	0.244	0.0778	UJ	0.238	-0.375	UJ	1.58
EP-20-05-SL	-0.0579	U,G	0.622	-0.00201	U,G	0.102	-0.171	U,G	0.301	0.178	U,G	0.237	0.84	U,G	1.26
EP-20-15-SL	-0.0823	U,G	0.775	0	U,G	0.109	0.0989	U,G	0.335	0.0242	U,G	0.225	0	U,G	1.3
EP-20-25-SL	0.233	U,G	0.54	-0.0117	U,G	0.0944	-0.168	U,G	0.288	-0.0602	U,G	0.299	-0.339	U,G	1.66
LF-06-05-SL	0.169	U,G	0.529	-0.0132	U,G	0.104	0.015	U,G	0.262	-0.0188	U,G	0.291	0.0467	U,G	1.1
LF-06-13-SL	-0.0202	U,G	0.66	-0.00417	U,G	0.0992	-0.134	U,G	0.286	0.0886	U,G	0.237	0.848	U,G	1.11
LF-06-27-SL	0.00466	U,G	0.609	0.0515	U,G	0.0908	-0.0245	U,G	0.257	0.0688	U,G	0.243	-0.208	U,G	1.44
LF-06-32-SL	0.0866	U,G	0.42	-0.00375	U,G	0.0822	-0.05	U,G	0.246	-0.0435	U,G	0.238	0.248	U,G	1.18
LF--07-09-SL	0.163	U,G	0.579	-0.00717	U,G	0.0991	0	U,G	0.282	-0.0711	U,G	0.267	0.292	U,G	1.33
LF-07-15-SL	0.121	U,G	0.565	0.0232	U,G	0.0941	0	U,G	0.223	0.026	U,G	0.204	0.849	G,TI	0.685
LF-07-25-SL	-0.253	U,G	0.774	0	U,G	0.118	0.0148	U,G	0.277	-0.0393	U,G	0.359	0.61	U,G	1.2
LF-07-34-SL	-0.0416	U,G	0.625	-0.019	U,G	0.105	0.0501	U,G	0.255	-0.0487	U,G	0.366	0	U,G	1.31
LF-08-05-SL	0.646	G,TI	0.317	-0.0471	U,G	0.125	-0.122	U,G	0.311	-0.0756	U,G	0.378	0	U,G	1.35
LF-08-05-SL-FD	-0.145	U,G	0.587	-0.0522	U,G	0.11	0	U,G	0.256	0.217	U,G	0.258	-0.166	U,G	1.29
LF-08-15-SL	0.164	U,G	0.435	-0.0147	U,G	0.11	-0.0247	U,G	0.307	-0.0839	U,G	0.266	-0.0832	U,G	1.25
LF-08-21-SL	-0.0234	U,G	0.676	-0.00848	U,G	0.13	-0.0098	U,G	0.347	0.0255	U,G	0.353	0.355	U,G	1.65
LF-08-37-SL	0.16	U,G	0.565	0.011	U,G	0.0757	0.0482	U,G	0.245	-0.0469	U,G	0.307	0.117	U,G	1.26

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cobalt-56			Cobalt-57			Cobalt-58			Cobalt-60			Europium-152		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
LF-09-03-SL	0.0189	U,G	0.462	0.0478	U,G	0.0922	-0.0079	U,G	0.204	-0.0752	U,G	0.246	0.186	U,G	0.865
LF-09-17-SL	0.218	U,G	0.616	-0.00809	U,G	0.13	-0.105	U,G	0.331	-0.0146	U,G	0.337	0.533	U,G	1.02
LF-09-25-SL	-0.268	U,G	0.646	0.0266	U,G	0.103	0.0114	U,G	0.286	0.0181	U,G	0.195	0.269	U,G	0.661
LF-09-31-SL	0.135	U,G	0.353	-0.0109	U,G	0.0889	0.0203	U,G	0.179	-0.0568	U,G	0.263	-0.26	U,G	1.19
NB-28-04-SL	0.191	U,G	0.556	0.04	U,G	0.0902	0.0168	U,G	0.317	0.0482	U,G	0.227	-0.0799	U,G	1.38
NB-28-14-SL	0.398	U,G	0.624	0.027	U,G	0.107	-0.0803	U,G	0.35	-0.0488	U,G	0.32	0	U,G	1.59
NB-28-24-SL	0.0942	U,G	0.558	0.0269	U,G	0.0784	-0.146	U,G	0.311	-0.0218	U,G	0.295	0.462	U,G	1.22
NB-28-35-SL	0.173	U,G	0.422	0.0173	U,G	0.0804	-0.151	U,G	0.265	0.00729	U,G	0.232	0.0752	U,G	1.1
NB-29-05-SL	0.0461	U,G	0.803	0.00402	U,G	0.11	-0.00215	U,G	0.335	-0.102	U,G	0.423	0.38	U,G	1.18
NB-29-14-SL	-0.306	U,G	0.568	0	U,G	0.0808	0.0378	U,G	0.226	0.0281	U,G	0.189	0.208	U,G	1.1
NB-29-22-SL	-0.0389	U	0.385	0.0134	U	0.0646	-0.0248	U	0.196	0.0675	U	0.146	-0.3	U	1.19
NB-30-05-SL	-0.239	U,G	0.703	-0.00423	U,G	0.13	-0.0307	U,G	0.319	0.0458	U,G	0.25	0.633	U,G	1.24
NB-30-15-SL	0.0674	U,G	0.701	0.00406	U,G	0.116	0.0228	U,G	0.333	0.103	U,G	0.24	-0.073	U,G	1.68
NB-30-25-SL	0.348	U,G	0.57	0.0158	U,G	0.0992	0.0825	U,G	0.342	-0.0254	U,G	0.274	0.508	U,G	1.18
NB-30-33-SL	-0.0504	U,G	0.582	-0.0365	U,G	0.104	-0.00241	U,G	0.239	-0.123	U,G	0.322	0.218	U,G	1.42
NB-31-05-SL	0.231	U,G	0.769	0.0126	U,G	0.125	-0.113	U,G	0.436	0.135	U,G	0.324	0	U,G	1.45
NB-31-15-SL	0.215	U,G	0.422	-0.0162	U,G	0.0908	-0.0445	U,G	0.257	0.0812	U,G	0.151	0.0805	U,G	1.06
NB-31-27-SL	-0.101	U,G	0.69	-0.0424	U,G	0.121	-0.144	U,G	0.332	-0.0325	U,G	0.322	-0.0693	U,G	1.6
NB-31-32-SL	0.244	U,G	0.676	-0.0185	U,G	0.104	-0.0864	U,G	0.353	-0.0474	U,G	0.376	-0.118	U,G	1.42
NB-32-05-SL	0.172	U,G	0.748	-0.0118	U,G	0.118	-0.0358	U,G	0.35	-0.0755	U,G	0.33	0	U,G	1.51
NB-32-15-SL	-0.0417	U,G	0.661	-0.0152	U,G	0.104	0.0193	U,G	0.314	-0.0488	U,G	0.293	0.366	U,G	0.897
NB-32-27-SL	0.0419	U,G	0.467	-0.0213	U,G	0.107	-0.014	U,G	0.264	-0.0431	U,G	0.317	-0.572	U,G	1.65
NB-32-33-SL	0.0397	U,G	0.661	-0.0145	U,G	0.105	0	U,G	0.299	-0.0697	U,G	0.305	0.232	U,G	1.25
NB-33-05-SL	0.218	U,G	0.559	-0.015	U,G	0.0937	-0.0723	U,G	0.308	0.0503	U,G	0.294	0.103	U,G	1.27
NB-33-15-SL	0	U,G	0.632	0.0268	U,G	0.0941	0.00195	U,G	0.33	0.0246	U,G	0.323	-0.492	U,G	1.61
NB-33-27-SL	0.175	U	0.293	0.0304	U	0.0763	0.074	U	0.148	-0.0454	U	0.235	0.1	U	0.992
NB-34-05-SL	-0.17	U,G	0.708	-0.00388	U,G	0.104	0.0197	U,G	0.321	0.0498	U,G	0.299	0.248	U,G	1.49
NB-34-15-SL	-0.0327	U,G	0.62	-0.00558	U,G	0.0969	0.043	U,G	0.172	0.0147	U,G	0.291	0.598	U,G	0.694
NB-34-25-SL	0.103	U	0.517	0.00941	U	0.0687	-0.137	U	0.299	0.0201	U	0.217	-0.201	U	1.08
NB-35-01-SL	0.205	U,G	0.617	0.0153	U,G	0.117	-0.0778	U,G	0.296	-0.0493	U,G	0.411	-0.246	U,G	1.74
NB-35-15-SL	0.196	U,G	0.683	0.0328	U,G	0.0979	0.0525	U,G	0.282	0	U,G	0.282	0	U,G	1.54
NB-35-25-SL	0.165	U,G	0.491	0.0332	U,G	0.0924	-0.0737	U,G	0.272	0.0328	U,G	0.215	-0.0813	U,G	1.22
NB-36-05-SL	0.0446	U,G	0.403	-0.0201	U,G	0.103	-0.057	U,G	0.255	-0.0478	U,G	0.191	-0.395	U,G	1.32
NB-36-15-SL	0.116	U,G	0.644	0.0251	U,G	0.11	-0.0803	U,G	0.345	0.0464	U,G	0.25	0.463	U,G	1.25
NB-36-27-SL	0.564	U	0.597	-0.0279	U	0.111	0.00521	U	0.316	0.158	U	0.296	0	U	1.35
NB-37-05-SL	-0.0476	U,G	0.729	0.0193	U,G	0.114	-0.00253	U,G	0.25	-0.0745	U,G	0.341	0.185	U,G	1.27
NB-37-15-SL	0	U,G	0.687	-0.0253	U,G	0.1	-0.106	U,G	0.321	0.0931	U,G	0.251	-0.465	U,G	1.84
NB-37-25-SL	0.147	U,G	0.456	-0.0214	U,G	0.114	-0.104	U,G	0.305	-0.108	U,G	0.332	0.407	U,G	1.29
NB-38-09-SL	0.226	U,G	0.495	-0.0197	U,G	0.0912	-0.0674	U,G	0.259	-0.083	U,G	0.274	0.186	U,G	1.34
NB-38-15-SL	0.0792	U	0.563	0.00174	U	0.0838	-0.0269	U	0.246	-0.134	U	0.278	-0.222	U	1.33
NB-38-25-SL	0.142	U	0.494	0	U	0.0914	-0.0063	U	0.242	0.0966	U	0.203	-0.0855	U	1.3
NB-39-05-SL	0.14	U,G	0.676	0.0161	U,G	0.122	0.106	U,G	0.23	0.135	U,G	0.265	0.0239	U,G	1.17
NB-39-15-SL	-0.0398	U,G	0.649	0.0114	U,G	0.0878	-0.0401	U,G	0.242	-0.0107	U,G	0.31	0.0933	U,G	1.15

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cobalt-56			Cobalt-57			Cobalt-58			Cobalt-60			Europium-152		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-39-25-SL	-0.0401	U,G	0.727	0.00361	U,G	0.108	-0.106	U,G	0.338	-0.161	U,G	0.402	0.345	U,G	1.38
NB-39-30-SL	-0.0961	U,G	0.667	0.0649	U,G	0.0917	-0.114	U,G	0.333	0.0458	U,G	0.192	-0.25	U,G	1.57
NB-40-05-SL	-0.204	U,G	0.845	0.0438	U,G	0.093	-0.0907	U,G	0.333	-0.0232	U,G	0.305	0.116	U,G	1.08
NB-40-05-SL-FD	0.122	U	0.544	-0.0217	U	0.0872	-0.131	U	0.262	0.0276	U	0.227	-0.191	U	1.33
NB-40-17-SL	0.222	U,G	0.538	0.00386	U,G	0.124	-0.0715	U,G	0.323	0.0738	U,G	0.254	-0.0229	U,G	1.38
NB-40-25-SL	0	U	0.602	-0.00969	U	0.0869	0.0436	U	0.222	0.0412	U	0.248	0.411	U	0.955
NB-40-31-SL	0.22	U	0.382	0.00812	U	0.0658	-0.0271	U	0.213	-0.00621	U	0.19	0.218	U	0.933
NB-41-05-SL	0.214	U	0.562	0.00348	U	0.102	0.148	U	0.199	-0.0959	U	0.289	-0.124	U	1.34
NB-41-13-SL	0	U	0.381	0.0057	U	0.0862	0.00294	U	0.129	-0.0547	U	0.274	-0.273	U	1.28
NB-41-19-SL	-0.17	U,G	0.621	0.0356	U,G	0.0813	-0.0552	U,G	0.217	-0.0379	U,G	0.265	-0.86	U,G	1.6
NB-42-05-SL	0.336	U,G	0.468	-0.0025	U,G	0.0878	-0.026	U,G	0.224	0.0162	U,G	0.194	0	U,G	1.34
NB-42-13-SL	0.243	U	0.374	0.00937	U	0.0881	-0.0821	U	0.251	-0.14	U	0.317	-0.398	U	1.58
NB-42-23-SL	0.0571	U	0.403	0.00164	U	0.0701	-0.131	U	0.239	0.0126	U	0.192	0.189	U	0.944
NB-43-05-SL	0.0478	U,G	0.431	0.0186	U,G	0.0989	0.025	U,G	0.24	-0.0466	U,G	0.234	0.077	U,G	1.09
NB-43-13-SL	0.235	U	0.404	0.00621	U	0.0792	0.132	U	0.178	-0.0819	U	0.3	-0.185	U	1.2
NB-44-05-SL	0.171	U	0.569	0.0184	U	0.0784	0.0253	U	0.21	-0.0785	U	0.327	-0.686	U	1.84
NB-44-05-SL-FD	-0.0344	U,G	0.444	0.0162	U,G	0.0732	-0.0899	U,G	0.235	-0.0277	U,G	0.227	0.211	U,G	0.995
NB-44-11-SL	0.0336	U	0.3	-0.00247	U	0.0682	0.0575	U	0.166	-0.0255	U	0.167	0.0632	U	0.949
NB-44-18-SL	0.194	U	0.348	0.0252	U	0.0819	0.0686	U	0.158	0.0302	U	0.208	0.131	U	1.13
NB-45-05-SL	-0.0913	U,G	0.859	0.0411	U,G	0.101	-0.0825	U,G	0.359	0.0263	U,G	0.417	0.262	U,G	1.85
NB-45-05-SL-FD	-0.138	U,G	0.898	0.0166	U,G	0.12	-0.0214	U,G	0.348	-0.106	U,G	0.374	0.132	U,G	1.87
NB-45-13-SL	-0.0866	U,G	0.687	0.0234	U,G	0.116	-0.00401	U,G	0.299	0.0249	U,G	0.299	-0.373	U,G	1.49
NB-45-25-SL	0.229	U,G	0.725	0.0247	U,G	0.112	0.053	U,G	0.261	0.0526	U,G	0.244	0.262	U,G	1.41
NB-45-33-SL	0.0496	U	0.535	0.00351	U	0.0804	-0.00922	U	0.225	-0.0202	U	0.241	0.466	U	1.05
NB-46-09-SL	0.114	U	0.717	-0.0377	U	0.106	0.0989	U	0.234	0	U	0.236	-0.328	U	1.64
NB-46-17-SL	-0.00062	U,G	0.538	-0.00556	U,G	0.0858	-0.0537	U,G	0.231	0.0496	U,G	0.233	0.0878	U,G	1.34
NB-46-25-SL	0.344	U,G	0.485	0.0223	U,G	0.111	-0.0861	U,G	0.293	-0.147	U,G	0.344	0.222	U,G	1.44
NB-46-29-SL	0.092	U,G	0.461	-0.00391	U,G	0.0898	0.0788	U,G	0.219	0.079	U,G	0.245	-0.21	U,G	1.03
NB-47-05-SL	0.18	U	0.433	0.00633	U	0.0992	-0.0449	U	0.261	0	U	0.21	0.589	U	0.684
NB-47-15-SL	0.355	U,G	0.491	0.00188	U,G	0.098	0.0592	U,G	0.258	-0.0383	U,G	0.292	0.102	U,G	1.27
NB-47-25-SL	0.418	U,G	0.655	0.0374	U,G	0.115	0.0431	U,G	0.351	-0.0265	U,G	0.347	0.132	U,G	1.99
NB-47-31-SL	0.304	U,G	0.555	-0.0211	U,G	0.104	-0.0111	U,G	0.32	-0.102	U,G	0.309	-0.253	U,G	1.27
NB-48-05-SL	0.23	U,G	0.564	0.0218	U,G	0.108	0.0306	U,G	0.271	0.0565	U,G	0.213	0.216	U,G	1.4
NB-48-11-SL	0.343	U,G	0.37	0.0231	U,G	0.0998	-0.084	U,G	0.263	0.0835	U,G	0.259	0.54	U,G	0.977
NB-48-15-SL	0.384	U,G	0.641	-0.0191	U,G	0.126	-0.0515	U,G	0.372	0	U,G	0.262	-0.243	U,G	1.59
NB-48-25-SL	0.0376	U,G	0.569	0.0315	U,G	0.0883	-0.00517	U,G	0.27	-0.0319	U,G	0.192	0.079	U,G	0.851
NB-48-35-SL	0.339	U,G	0.479	0.011	U,G	0.095	0.016	U,G	0.273	-0.0744	U,G	0.263	0.152	U,G	1.31
NB-49-05-SL	0.0747	U,G	0.691	-0.0329	U,G	0.123	-0.213	U,G	0.405	-0.0345	U,G	0.341	0.465	U,G	0.806
NB-49-05-SL-FD	0.336	U,G	0.592	0.0453	U,G	0.0999	0.00389	U,G	0.342	0.193	G,TI	0.0653	-0.362	U,G	1.7
NB-49-15-SL	0.231	U,G	0.729	-0.00403	U,G	0.117	0.0796	U,G	0.278	0.0822	U,G	0.237	0.144	U,G	1.01
NB-49-25-SL	0.0983	U,G	0.609	0.0245	U,G	0.108	0.0607	U,G	0.264	-0.0243	U,G	0.319	-0.499	U,G	1.67
NB-49-37-SL	0.121	U,G	0.608	0.0437	U,G	0.0797	0.0713	U,G	0.279	-0.0233	U,G	0.369	0	U,G	1.08
NB-50-05-SL	0.172	U,G	0.62	-0.0192	U,G	0.125	0.0206	U,G	0.311	0.0184	U,G	0.337	0.709	U,G	0.752

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cobalt-56			Cobalt-57			Cobalt-58			Cobalt-60			Europium-152		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-50-15-SL	0.132	U,G	0.543	-0.0339	U,G	0.116	-0.0147	U,G	0.287	0.065	U,G	0.179	-0.426	U,G	1.77
NB-50-25-SL	-0.169	U,G	0.95	0.0114	U,G	0.114	0.173	U,G	0.292	0.0243	U,G	0.319	0.486	U,G	1.46
NB-50-37-SL	0.0664	U	0.356	0.00994	U	0.0863	0.086	U	0.149	0.0303	U	0.163	-0.15	U	0.901
NB-51-05-SL	0.213	U,G	0.4	0.00433	U,G	0.102	-0.0755	U,G	0.279	0.032	U,G	0.21	-0.0793	U,G	0.953
NB-51-13-SL	0.105	U,G	0.666	0.00792	U,G	0.118	-0.0238	U,G	0.337	-0.104	U,G	0.383	0.0707	U,G	1.82
NB-51-25-SL	0.146	U,G	0.482	-0.00329	U,G	0.1	0.0155	U,G	0.321	-0.0186	U,G	0.289	0.2	U,G	1.33
NB-51-37-SL	0.198	U,G	0.477	0.00573	U,G	0.0995	0.023	U,G	0.163	-0.0165	U,G	0.216	0.408	U,G	0.981
NB-52-05-SL	-0.262	U,G	0.957	-0.00396	U,G	0.113	-0.134	U,G	0.381	-0.0253	U,G	0.357	1.14	G,TI	0.342
NB-52-13-SL	0.263	U,G	0.51	0.0237	U,G	0.11	-0.059	U,G	0.308	-0.0711	U,G	0.328	-0.353	U,G	1.63
NB-52-25-SL	0.185	U,G	0.41	0.0345	U,G	0.0965	-0.0929	U,G	0.27	0.0407	U,G	0.271	-0.109	U,G	1.55
NB-52-35-SL	0.505	G,TI	0.453	0.019	U,G	0.112	-0.00779	U,G	0.258	-0.0244	U,G	0.262	-0.365	U,G	1.46
NB-53-05-SL	-0.00925	U,G	0.417	0.00246	U,G	0.0892	-0.00169	U,G	0.243	0.0159	U,G	0.191	0.631	U,G	0.733
NB-53-13-SL	0.176	U,G	0.525	-0.0356	U,G	0.1	0.0272	U,G	0.265	0.088	U,G	0.217	0.342	U,G	1.18
NB-53-23-SL	0.264	U,G	0.577	-0.012	U,G	0.116	0.0367	U,G	0.303	-0.051	U,G	0.36	0.127	U,G	1.53
NB-53-33-SL	-0.204	U,G	0.602	-0.00403	U,G	0.0849	0.0676	U,G	0.254	-0.0487	U,G	0.252	-0.337	U,G	1.34
NB-54-05-SL	-0.162	U,G	0.677	0.0113	U,G	0.112	0.0413	U,G	0.237	-0.0452	U,G	0.293	0.0449	U,G	1.46
NB-54-13-SL	0.0802	U,G	0.662	-0.0164	U,G	0.129	0.0905	U,G	0.22	0.163	U,G	0.242	-0.368	U,G	1.7
NB-54-25-SL	-0.296	U,G	0.973	0	U,G	0.117	-0.0137	U,G	0.357	-0.0489	U,G	0.407	0.244	U,G	1.13
NB-54-31-SL	0.123	U	0.343	0.0114	U	0.0623	-0.02	U	0.223	0.0273	U	0.188	0	U	0.933
NB-55-05-SL	0	U,G	0.657	0.00747	U,G	0.105	0.071	U,G	0.27	0	U,G	0.313	-0.119	U,G	1.56
NB-55-13-SL	0.232	U,G	0.61	-0.019	U,G	0.127	-0.2	U,G	0.352	-0.159	U,G	0.382	0.294	U,G	1.11
NB-55-25-SL	0.402	U,G	0.527	0.0217	U,G	0.105	0.0391	U,G	0.316	0.0464	U,G	0.278	0	U,G	1.74
NB-55-33-SL	0	U	0.383	-0.0206	U	0.0765	0.0562	U	0.187	0.0141	U	0.194	-0.193	U	1.22
NB-56-05-SL	-0.00222	U	0.548	0.0444	U	0.0857	-0.0888	U	0.27	-0.00255	U	0.253	-0.0507	U	1
NB-56-13-SL	0.246	U,G	0.563	-0.0307	U,G	0.118	0.00128	U,G	0.284	0.0966	U,G	0.226	-0.251	U,G	1.58
NB-56-25-SL	0.29	U,G	0.518	-0.00062	U,G	0.0929	-0.0148	U,G	0.208	-0.0712	U,G	0.276	0.398	U,G	1.04
NB-56-33-SL	0.127	U	0.276	-0.0358	U	0.0904	-0.0512	U	0.241	0.0195	U	0.27	0.233	U	1.07
NB-57-05-SL	-0.0216	U,G	0.623	-0.00388	U,G	0.129	0.00129	U,G	0.285	-0.00933	U,G	0.303	-0.116	U,G	1.4
NB-57-05-SL-FD	0.0571	U,G	0.516	-0.0561	U,G	0.126	0.0423	U,G	0.246	0.00898	U,G	0.291	0.424	U,G	0.734
NB-57-15-SL	0.228	U,G	0.599	0.00747	U,G	0.114	-0.041	U,G	0.292	0.00897	U,G	0.291	0.691	U,G	0.733
NB-57-29-SL	0.0871	U,G	0.539	0.0173	U,G	0.0863	-0.0134	U,G	0.253	-0.136	U,G	0.363	0.176	U,G	1.17
NB-57-34-SL	-0.194	U,G	0.681	0.0513	U,G	0.0969	0.0951	U,G	0.196	-0.0308	U,G	0.305	-0.197	U,G	1.32
NB-58-05-SL	0.127	U,G	0.489	-0.00477	U,G	0.0946	0.0835	U,G	0.221	-0.0563	U,G	0.296	0.448	U,G	1.11
NB-58-15-SL	-0.00562	U,G	0.558	-0.0889	U,G	0.141	-0.0861	U,G	0.358	0.0534	U,G	0.292	0.193	U,G	1.33
NB-58-29-SL	-0.129	U,G	0.655	-0.0296	U,G	0.104	-0.0735	U,G	0.305	0.0178	U,G	0.277	-0.118	U,G	1.55
NB-58-36-SL	0.0349	U,G	0.431	0.0466	U,G	0.0764	-0.037	U,G	0.296	-0.0129	U,G	0.211	0.0214	U,G	1.05
NB-59-05-SL	-0.00484	U,G	0.616	0.00769	U,G	0.09	-0.0138	U,G	0.241	-0.142	U,G	0.308	0.292	U,G	0.98
NB-59-13-SL	0.404	U,G	0.558	-0.0152	U,G	0.11	0.0331	U,G	0.291	0.0137	U,G	0.275	0.318	U,G	1.47
NB-59-25-SL	0.268	U,G	0.418	0.0252	U,G	0.0805	0.0269	U,G	0.253	-0.0728	U,G	0.298	-0.0268	U,G	1.41
NB-59-31-SL	-0.121	U,G	0.604	0	U,G	0.0958	-0.0932	U,G	0.304	-0.139	U,G	0.348	0.809	G,TI	0.313
NB-60-05-SL	0.0678	U,G	0.528	0.041	U,G	0.101	-0.0428	U,G	0.249	-0.138	U,G	0.346	0.164	U,G	1.48
NB-60-13-SL	0.309	U,G	0.58	0.0123	U,G	0.121	0.0775	U,G	0.304	0.053	U,G	0.374	-0.265	U,G	1.59
NB-60-23-SL	0.254	U,G	0.545	0.0292	U,G	0.0894	-0.0942	U,G	0.246	-0.00754	U,G	0.263	-0.0498	U,G	1.35

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cobalt-56			Cobalt-57			Cobalt-58			Cobalt-60			Europium-152		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-60-31-SL	0.0848	U,G	0.509	0.0313	U,G	0.0921	-0.047	U,G	0.259	-0.0253	U,G	0.272	-0.883	U,G	2.2
NB-61-05-SL	-0.184	U,G	0.639	0.0373	U,G	0.108	-0.0257	U,G	0.287	-0.0631	U,G	0.363	0.157	U,G	1.35
NB-61-13-SL	0.169	U,G	0.671	-0.0505	U,G	0.119	-0.0587	U,G	0.319	0.025	U,G	0.375	-0.623	U,G	2.08
NB-61-23-SL	0.167	U,G	0.517	0.0287	U,G	0.109	0.0165	U,G	0.268	0.121	U,G	0.238	-0.259	U,G	1.58
NB-61-28-SL	0.117	U	0.352	0.00898	U	0.0704	0.0607	U	0.146	0.0276	U	0.119	0.187	U	0.88
NB-62-05-SL	0.127	U,G	0.706	-0.0114	U,G	0.102	-0.055	U,G	0.346	-0.0243	U,G	0.343	0.607	U,G	0.893
NB-62-12-SL	0.00929	U,G	0.465	0.0317	U,G	0.0645	-0.0265	U,G	0.187	0.0451	U,G	0.126	0.29	U,G	0.8
NB-62-22-SL	0.199	U,G	0.522	0.0251	U,G	0.0764	-0.00739	U,G	0.245	0.0687	U,G	0.168	0.343	U,G	0.841
NB-63-05-SL	0.171	U,G	0.714	0.02	U,G	0.102	-0.204	U,G	0.404	0	U,G	0.34	-0.389	U,G	1.7
NB-63-13-SL	0.376	G,TI	0.354	0.0112	U,G	0.0968	0.0466	U,G	0.147	-0.0136	U,G	0.222	0	U,G	1.24
NB-63-19-SL	0.0631	U	0.374	0.00266	U	0.0708	-0.131	U	0.248	0.0836	U	0.179	0.126	U	0.765
NB-64-05-SL	0.385	U,G	0.416	-0.0304	U,G	0.1	0.0313	U,G	0.235	0.00329	U,G	0.284	0.18	U,G	0.78
NB-64-13-SL	0.12	U,G	0.43	-0.00742	U,G	0.0813	-0.0627	U,G	0.244	0	U,G	0.314	-0.12	U,G	1.44
NB-64-17-SL	-0.0997	U,G	0.466	-0.0106	U,G	0.0741	-0.0378	U,G	0.228	0.00794	U,G	0.187	-0.0395	U,G	0.93
NB-65-05-SL	0.0676	U,G	0.527	0.0289	U,G	0.0914	-0.0285	U,G	0.268	-0.0899	U,G	0.279	-0.164	U,G	1.29
NB-65-13-SL	0.272	U,G	0.456	0.0338	U,G	0.085	-0.041	U,G	0.248	-0.0892	U,G	0.286	0.115	U,G	1.13
NB-65-17-SL	0.0804	U,G	0.433	-0.00748	U,G	0.102	-0.0538	U,G	0.315	-0.0242	U,G	0.29	-0.362	U,G	2.1
NB-66-05-SL	0.0473	U,G	0.667	-0.0531	U,G	0.139	0.0131	U,G	0.289	-0.114	U,G	0.404	0	U,G	1.54
NB-66-05-SL-FD	0.206	U,G	0.815	0.0048	U,G	0.12	-0.0806	U,G	0.314	0.0622	U,G	0.335	-0.466	U,G	1.86
NB-66-15-SL	-0.224	U,G	0.675	0.031	U,G	0.0931	0.0423	U,G	0.246	0.0847	U,G	0.198	0.491	U,G	1.15
NB-66-19-SL	-0.197	U	0.445	0.00907	U	0.0711	-0.0721	U	0.218	-0.0407	U	0.201	0.114	U	0.895
NB-67-05-SL	-0.13	U,G	0.753	0.0363	U,G	0.105	-0.159	U,G	0.325	-0.131	U,G	0.392	0	U,G	1.57
NB-67-11-SL	-0.1	U,G	0.451	-0.00369	U,G	0.0747	-0.00293	U,G	0.211	0.0286	U,G	0.211	0.437	U,G	0.932
NB-67-21-SL	0.00413	U	0.357	0.0122	U	0.0685	-0.0227	U	0.218	-0.0481	U	0.223	0.0184	U	0.903
NB-68-05-SL	0.18	U,G	0.514	0.0665	U,G	0.0872	-0.198	U,G	0.287	0.0391	U,G	0.24	-0.414	U,G	1.55
NB-68-13-SL	0.0391	U,G	0.651	0.0767	U,G	0.082	-0.0288	U,G	0.339	-0.142	U,G	0.394	-0.118	U,G	1.42
NB-68-17-SL	0.0408	U,G	0.59	-0.0114	U,G	0.113	-0.0389	U,G	0.294	-0.0599	U,G	0.277	0.252	U,G	1.38
NB-68-25-SL	-0.0649	U,G	0.644	-0.00137	U,G	0.0993	0.0461	U,G	0.289	0.00978	U,G	0.23	0.747	U,G	0.984
NB-68-33-SL	-0.264	U,G	0.629	0.0106	U,G	0.083	-0.00696	U,G	0.23	-0.0685	U,G	0.322	-0.228	U,G	1.37
NB-69-05-SL	0.0912	U,G	0.564	0.0366	U,G	0.0806	-0.0717	U,G	0.25	-0.0568	U,G	0.269	-0.0088	U,G	1.23
NB-69-15-SL	0.215	U,G	0.436	0.0107	U,G	0.0786	-0.154	U,G	0.249	0.083	U,G	0.166	0.0572	U,G	1.24
NB-69-22-SL	0.209	U,G	0.557	0.00655	U,G	0.104	-0.147	U,G	0.265	0.0339	U,G	0.296	0.042	U,G	1.33
NB-69-34-SL	0.126	U	0.47	-0.00354	U	0.0854	-0.164	U	0.234	0.144	TI	0.142	0.21	U	0.989
NB-70-05-SL	0.515	G,TI	0.425	0.0135	U,G	0.118	-0.00204	U,G	0.227	-0.0299	U,G	0.253	0.207	U,G	1.37
NB-70-15-SL	0.0807	U,G	0.568	-0.00639	U,G	0.0884	-0.0262	U,G	0.208	0.00555	U,G	0.219	-0.359	U,G	1.45
NB-70-23-SL	-0.00654	U,G	0.634	0.0422	U,G	0.0967	-0.0697	U,G	0.25	0.0571	U,G	0.25	0.61	U,G	1.23
NB-70-33-SL	-0.00283	U,G	0.494	-0.0423	U,G	0.101	-0.0123	U,G	0.276	-0.0298	U,G	0.26	0.295	U,G	1.17
NB-71-01-SL	0.201	U,G	0.512	0.00065	U,G	0.108	-0.00874	U,G	0.197	0.0342	U,G	0.241	-0.0849	U,G	1.02
NB-71-01-SL-FD	0.28	U,G	0.606	-0.0284	U,G	0.129	-0.0183	U,G	0.259	-0.0148	U,G	0.341	0.269	U,G	1.47
NB-71-11-SL	0.306	U,G	0.501	0.0178	U,G	0.11	0.0636	U,G	0.234	-0.069	U,G	0.324	0.115	U,G	1.5
NB-71-27-SL	0.122	U,G	0.379	-0.0212	U,G	0.0836	-0.0647	U,G	0.221	0	U,G	0.207	0.314	U,G	0.729
NB-72-05-SL	0.102	U,G	0.588	0.00376	U,G	0.0994	0.0838	U,G	0.23	-0.0957	U,G	0.351	-0.408	U,G	1.83
NB-72-11-SL	0.293	U,G	0.775	0.0136	U,G	0.118	-0.156	U,G	0.383	-0.205	U,G	0.489	0.293	U,G	1.58

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cobalt-56			Cobalt-57			Cobalt-58			Cobalt-60			Europium-152		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-72-19-SL	0.00832	U	0.493	-0.0196	U	0.0814	-0.149	U	0.247	0.0479	U	0.232	-0.84	U	1.42
NB-72-22-SL	0.0687	U	0.319	0.00957	U	0.0716	-0.019	U	0.236	-0.0824	U	0.291	-0.309	U	1.35
NB-73-05-SL	0.0437	U,G	0.573	-0.00812	U,G	0.0912	0.0908	U,G	0.249	0.105	U,G	0.193	-0.131	U,G	1.41
NB-73-13-SL	-0.162	U,G	0.676	-0.0188	U,G	0.096	-0.232	U,G	0.373	-0.0243	U,G	0.262	-0.243	U,G	1.31
NB-73-23-SL	0.219	U	0.439	-0.0305	U	0.0849	0.0456	U	0.238	-0.0877	U	0.309	0.547	U	0.806
NB-74-05-SL	0.0552	U,G	0.599	-0.0161	U,G	0.102	-0.0436	U,G	0.244	-0.0388	U,G	0.301	0.0544	U,G	1.5
NB-74-17-SL	-0.121	U,G	0.507	-0.0152	U,G	0.106	0.0593	U,G	0.232	-0.0523	U,G	0.246	-0.259	U,G	1.22
NB-74-25-SL	0.0154	U,G	0.567	0.00377	U,G	0.0996	-0.0589	U,G	0.262	0.0638	U,G	0.296	0.272	U,G	1.25
NB-74-33-SL	0.00878	U,G	0.44	-0.0126	U,G	0.0671	-0.0625	U,G	0.227	0.0546	U,G	0.184	0.0259	U,G	1.02
NB-75-08-SL	0.129	U,G	0.428	-0.0352	U,G	0.105	-0.0512	U,G	0.214	0.0159	U,G	0.224	0.157	U,G	1.03
NB-75-15-SL	0.113	U,G	0.488	0.0502	U,G	0.0785	0.0153	U,G	0.26	-0.0519	U,G	0.238	-0.0215	U,G	1.3
NB-75-19-SL	-0.0132	U	0.389	0.0163	U	0.0737	-0.0125	U	0.226	0.0258	U	0.156	0.115	U	0.905
NB-76-06-SL	-0.163	U,G	0.535	0.0263	U,G	0.0994	-0.062	U,G	0.23	-0.041	U,G	0.274	0.113	U,G	1.11
NB-76-10-SL	0.0147	U	0.346	-0.0226	U	0.0701	0	U	0.156	-0.015	U	0.233	-0.125	U	0.985
NB-76-24-SL	0	U	0.405	0.0125	U	0.0685	0.0249	U	0.206	0	U	0.243	-0.101	U	1.42
NB-77-05-SL	0.123	U,G	0.426	0.0168	U,G	0.0734	-0.0836	U,G	0.234	-0.00723	U,G	0.28	0.14	U,G	1.17
NB-77-13-SL	-0.06	U	0.458	-0.00681	U	0.0852	-0.0022	U	0.218	0.0165	U	0.227	0.533	U	0.863
NB-77-24-SL	0.225	U	0.293	0.02	U	0.0649	-0.0662	U	0.229	0.0464	U	0.183	0	U	1.08
NB-78-07-SL	-0.0443	U,G	0.803	-0.037	U,G	0.114	0.094	U,G	0.271	0	U,G	0.319	0.796	U,G	0.976
NB-78-11-SL	0.125	U,G	0.478	0.0161	U,G	0.0801	-0.0935	U,G	0.246	-0.0208	U,G	0.227	-0.0829	U,G	1.27
NB-78-18-SL	0	U,G	0.496	0.0159	U,G	0.0824	-0.0898	U,G	0.285	0.0662	U,G	0.178	-0.328	U,G	1.3
NB-79-05-SL	-0.0387	U,G	0.614	0.04	U,G	0.0855	0.016	U,G	0.278	0	U,G	0.254	0.354	U,G	0.867
NB-79-05-SL-FD	-0.105	U,G	0.494	-0.0276	U,G	0.0921	-0.0146	U,G	0.234	0.0324	U,G	0.15	0.321	U,G	0.965
NB-79-11-SL	0	U,G	0.675	0.0109	U,G	0.0995	-0.168	U,G	0.356	-0.0709	U,G	0.284	0.118	U,G	1.42
NB-79-24-SL	0.113	U	0.372	-0.00212	U	0.0816	-0.0476	U	0.254	-0.0101	U	0.2	-0.314	U	1.25
NB-80-05-SL	0.265	U,G	0.407	0.0354	U,G	0.0814	-0.103	U,G	0.296	-0.138	U,G	0.382	0.458	U,G	0.843
NB-80-11-SL	-0.0156	U,G	0.49	0.0276	U,G	0.0817	-0.108	U,G	0.247	0.0429	U,G	0.235	0.692	U,G	0.82
NB-80-27-SL	0.364	U,G	0.431	-0.0037	U,G	0.0996	-0.0713	U,G	0.254	0.045	U,G	0.189	-0.0224	U,G	1.35
NB-81-09-SL	0.241	U,G	0.375	-0.0458	U,G	0.11	0.0877	U,G	0.183	0	U,G	0.201	0.152	U,G	0.999
NB-81-11-SL	-0.114	U,G	0.564	-0.00061	U,G	0.098	0.0672	U,G	0.213	-0.0352	U,G	0.273	0.0876	U,G	1.36
NB-81-31-SL	-0.253	U,G	0.507	0.00543	U,G	0.0738	-0.18	U,G	0.264	-0.00707	U,G	0.232	0.0321	U,G	1.15
NB-82-05-SL	0.141	U,G	0.576	0	U,G	0.123	-0.056	U,G	0.292	0.033	U,G	0.283	0.375	U,G	1.29
NB-82-11-SL	0.207	U	0.394	-0.0123	U	0.0769	-0.103	U	0.235	0.0341	U	0.209	0.346	U	0.936
NB-82-20-SL	0.0659	U	0.351	0.0148	U	0.0769	-0.0604	U	0.235	-0.0614	U	0.238	0.216	U	0.606
NB-83-05-SL	0.097	U,G	0.636	0	U,G	0.124	0.168	U,G	0.276	0.147	U,G	0.316	-0.44	U,G	2.07
NB-83-11-SL	-0.132	U,G	0.503	-0.0165	U,G	0.0813	-0.0122	U,G	0.207	0.0783	U,G	0.182	0.371	U,G	0.816
NB-83-23-SL	-0.146	U	0.445	-0.0408	U	0.0881	-0.012	U	0.18	0.12	U	0.121	-0.38	U	1.18
NB-84-05-SL	-0.14	U,G	0.78	0.0088	U,G	0.126	-0.069	U,G	0.321	0.0571	U,G	0.343	0.285	U,G	1.05
NB-84-15-SL	0.25	U,G	0.429	-0.0192	U,G	0.0871	-0.228	U,G	0.283	-0.0672	U,G	0.261	-0.586	U,G	1.55
NB-84-23-SL	-0.00807	U,G	0.341	0.00656	U,G	0.0795	0.0586	U,G	0.146	-0.0313	U,G	0.168	0.0776	U,G	0.836
NB-84-33-SL	0.173	U	0.313	0.0296	U	0.0662	-0.00317	U	0.2	-0.056	U	0.26	-0.199	U	0.837
NB-85-05-SL	0.0976	U,G	0.568	0.0149	U,G	0.105	0.00211	U,G	0.273	0.0765	U,G	0.251	0	U,G	1.14
NB-85-15-SL	0.0858	U,G	0.484	-0.0438	U,G	0.117	-0.00394	U,G	0.296	-0.0179	U,G	0.234	0.443	U,G	1.16

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cobalt-56			Cobalt-57			Cobalt-58			Cobalt-60			Europium-152		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-85-25-SL	0.225	U,G	0.543	0.0263	U,G	0.0982	0.0202	U,G	0.244	0.0365	U,G	0.274	0	U,G	1.51
NB-85-35-SL	0.097	U	0.292	0.0103	U	0.0553	0.037	U	0.162	0.0216	U	0.17	0.179	U	0.843
NB-86-05-SL	0.215	U,G	0.758	-0.0427	U,G	0.143	-0.055	U,G	0.372	0.12	G,TI	0.0815	0.15	U,G	1.1
NB-86-15-SL	0.144	U,G	0.446	-0.0196	U,G	0.103	0.00192	U,G	0.248	0.0695	U,G	0.245	0.43	U,G	1.13
NB-86-19-SL	0.106	U,G	0.408	-0.02	U,G	0.0907	-0.0424	U,G	0.275	0.146	G,TI	0.131	0.287	U,G	0.965
OA-18-03-SL	0.116	U	0.446	-0.00869	U	0.0937	-0.102	U	0.292	-0.0104	U	0.205	0.258	U	1.02
OA-18-17-SL	0.352	U,G	0.417	0.00759	U,G	0.0976	0.0401	U,G	0.233	-0.00273	U,G	0.271	0.557	U,G	0.647
OA-18-25-SL	0.172	U,G	0.647	0.0353	U,G	0.107	0.0499	U,G	0.246	-0.101	U,G	0.4	0	U,G	1.51
OA-18-33-SL	0.21	U	0.395	0.00931	U	0.0793	-0.0713	U	0.253	-0.0631	U	0.255	0.121	U	1.27
OA-19-05-SL	0.343	U	0.499	-0.0521	U	0.114	0.111	U	0.179	-0.0445	U	0.314	0.111	U	1.03
OA-19-15-SL	0.261	U,G	0.375	0.0387	U,G	0.0828	0.0518	U,G	0.216	0.0159	U,G	0.246	0.0132	U,G	1.14
OA-19-25-SL	-0.117	U,G	0.733	0.0355	U,G	0.1	0.0198	U,G	0.306	0.0911	U,G	0.342	0.341	U,G	1.36
OA-19-33-SL	0.144	U	0.419	-0.00536	U	0.093	0.0757	U	0.136	0.16	U	0.203	-0.102	U	0.776
PL-04-05-SL	0.286	U,G	0.536	-0.0238	U,G	0.137	-0.129	U,G	0.344	0.091	U,G	0.158	-0.333	U,G	1.92
PL-04-13-SL	0	U,G	0.792	0.0509	U,G	0.102	-0.0564	U,G	0.284	0	U,G	0.307	-0.702	U,G	1.95
PL-04-23-SL	-0.0672	U	0.641	0	U	0.106	0.0653	U	0.217	-0.0213	U	0.256	0.127	U	0.889
PL-04-31-SL	0.0668	U,G	0.478	-0.00714	U,G	0.0967	0.0272	U,G	0.204	0.0198	U,G	0.244	-0.492	U,G	1.22
PL-05-05-SL	0.256	U,G	0.381	0.00607	U,G	0.0962	-0.0536	U,G	0.234	-0.0953	U,G	0.309	0	U,G	1.03
PL-05-15-SL	0.229	U	0.444	0.0141	U	0.108	0.0273	U	0.243	0	U	0.312	-0.17	U	1.55
PL-05-28-SL	0.153	U,G	0.39	0.0174	U,G	0.0985	0.0483	U,G	0.261	0	U,G	0.213	-0.565	U,G	1.34
PL-06-07-SL	-0.059	U,G	0.588	-0.00868	U,G	0.106	-0.0147	U,G	0.255	0.00292	U,G	0.252	0.217	U,G	1.02
PL-06-13-SL	-0.123	U,G	0.61	0.039	U,G	0.0886	0.0293	U,G	0.206	0.0349	U,G	0.271	-0.29	U,G	1.52
PL-06-17-SL	0.0898	U,G	0.537	-0.0172	U,G	0.107	-0.016	U,G	0.256	-0.132	U,G	0.299	0.163	U,G	0.979
PL-06-29-SL	-0.039	U	0.483	0.0122	U	0.0796	0.0778	U	0.204	0	U	0.252	-0.11	U	1.19
PL-06-33-SL	0.15	U	0.371	0.0167	U	0.0868	0.112	U	0.139	0.02	U	0.196	0	U	1.09
RR-04-07-SL	0.0902	U,G	0.785	-0.0409	U,G	0.125	0.0397	U,G	0.326	-0.0785	U,G	0.369	0.261	U,G	1.41
RR-04-15-SL	-0.246	U,G	0.593	0.00317	U,G	0.102	-0.122	U,G	0.304	0	U,G	0.198	0.245	U,G	0.758
RR-04-25-SL	-0.0439	U,G	0.697	0	U,G	0.107	0.0915	U,G	0.251	0.127	U,G	0.236	-0.254	U,G	1.91
RR-05-05-SL	0.204	U,G	0.662	0.0236	U,G	0.117	-0.0474	U,G	0.282	0.0566	U,G	0.259	-0.188	U,G	1.29
RR-05-05-SL-FD	0.242	U,G	0.635	0.0393	U,G	0.128	0.0426	U,G	0.35	0	U,G	0.393	-0.139	U,G	1.5
RR-05-15-SL	0	U,G	0.512	0.026	U,G	0.0935	-0.00702	U,G	0.286	-0.0164	U,G	0.246	-0.0812	U,G	1.06
RR-05-25-SL	-0.151	U,G	0.778	-0.0333	U,G	0.126	0.0474	U,G	0.276	0.13	U,G	0.21	0	U,G	1.36
SW-02-01-SL	-0.00508	U,G	0.646	0.089	U,G	0.158	0.0289	U,G	0.325	0.0358	U,G	0.278	0.371	U,G	1.28
SW-02-09-SL	0.184	U,G	0.485	-0.0234	U,G	0.101	0.0138	U,G	0.269	0.054	U,G	0.246	0.226	U,G	0.858
SW-02-15-SL	0.115	U,G	0.454	-0.0419	U,G	0.133	0.0825	U,G	0.294	-0.0404	U,G	0.37	0.503	U,G	1.38
SW-02-23-SL	0.067	U,G	0.479	-0.00355	U,G	0.0963	0	U,G	0.227	-0.11	U,G	0.31	0.293	U,G	0.986
SW-05-08-SL	0.579	U,G	0.608	-0.00403	U,G	0.123	-0.11	U,G	0.345	-0.153	U,G	0.351	0.594	U,G	1.17
SW-05-12-SL	0.107	U,G	0.575	0.00193	U,G	0.101	0.0314	U,G	0.221	-0.159	U,G	0.361	0.0596	U,G	0.903
SW-06-05-SL	0.209	U,G	0.488	0.00267	U,G	0.106	0.13	U,G	0.174	0.0171	U,G	0.272	0.17	U,G	1.42
SW-06-05-SL-FD	0.203	U,G	0.57	-0.0277	U,G	0.111	0.062	U,G	0.292	0.136	U,G	0.213	0.15	U,G	0.909
SW-06-13-SL	0	U,G	0.703	-0.00781	U,G	0.107	-0.0782	U,G	0.362	-0.0248	U,G	0.372	-0.247	U,G	1.74
SW-06-23-SL	0.0378	U,G	0.684	0.0194	U,G	0.104	-0.0677	U,G	0.298	0.189	U,G	0.197	0.369	U,G	1.23
SW-07-05-SL	-0.00515	U,G	0.655	0.00061	U,G	0.0934	0.0737	U,G	0.208	0.0517	U,G	0.267	0.471	U,G	1.01

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Cobalt-56			Cobalt-57			Cobalt-58			Cobalt-60			Europium-152		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SW-07-15-SL	0.189	U,G	0.568	-0.025	U,G	0.121	0.0835	U,G	0.327	-0.0265	U,G	0.347	0	U,G	1.42
SW-07-23-SL	-0.14	U,G	0.683	-0.0323	U,G	0.106	-0.106	U,G	0.308	0.0246	U,G	0.278	0.125	U,G	1.23
SW-08-03-SL	0.0841	U,G	0.667	-0.00757	U,G	0.102	-0.00974	U,G	0.24	0.0726	U,G	0.291	-0.362	U,G	1.7
SW-08-05-SL	0.267	U,G	0.616	0.042	U,G	0.106	-0.0843	U,G	0.325	0.0366	U,G	0.335	0.318	U,G	1.48
SW-08-15-SL	-0.187	U,G	0.939	-0.0126	U,G	0.117	-0.026	U,G	0.322	0.0269	U,G	0.289	-0.134	U,G	1.61
SW-08-25-SL	-0.0126	U	0.339	0.0078	U	0.0699	0.00309	U	0.187	0.0721	U	0.134	0.143	U	0.664

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Europium-154			Europium-155			Iodine-131			Iron-59			Lead-212		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-13-09-SL	0.62	U,G	1.03	0.0326	U,G	0.392	0.141	U,G	1.02	0.108	U,G	0.61	1.07	G	0.237
BD-13-15-SL	-0.262	U,G	1.37	0.0582	U,G	0.419	0.0373	U,G	0.989	0.341	U,G	0.538	1.08	G	0.23
BD-13-23-SL	-0.336	U,G	1.17	0.0862	U,G	0.48	-0.324	U,G	1.34	0.115	U,G	0.67	1.24	G	0.276
BD-13-30-SL	0.0721	U,G	1.08	0.0385	U,G	0.424	-0.462	U,G	1.26	-0.0604	U,G	0.566	0.451	G	0.258
BD-14-05-SL	0	U,G	1.81	0.0998	U,G	0.347	0.277	U,G	0.841	-0.12	U,G	0.693	0.972	G	0.325
BD-14-13-SL	-0.538	U,G	1.52	0.104	U,G	0.338	-0.338	U,G	0.847	0.0993	U,G	0.525	0.751	G	0.27
BD-14-25-SL	-0.0942	U	1.71	0.174	U	0.244	0.179	U	0.795	-0.136	U	0.844	1.08		0.322
BD-14-31-SL	0	U	1.51	-0.0402	U	0.312	-0.456	U	1.14	0.255	U	0.509	0.532		0.308
BD-15-05-SL	0.072	U,G	1.28	-0.0025	U,G	0.431	0.233	U,G	0.825	0.135	U,G	0.534	0.872	G	0.322
BD-15-17-SL	0	U,G	1.82	0.051	U,G	0.408	-0.0857	U,G	1.31	0.319	U,G	0.723	1.41	G	0.467
BD-15-25-SL	-0.306	U	1.15	0.203	U	0.314	0.509	U	0.6	0.0582	U	0.507	0.997		0.254
BD-15-31-SL	-0.654	U,G	2.19	-0.114	U,G	0.398	-0.103	U,G	1.08	0.0154	U,G	0.817	0.936	G	0.341
BD-16-05-SL	0.523	U,G	1.13	0.0906	U,G	0.363	-0.679	U,G	1.68	0.0104	U,G	0.879	0.791	G	0.359
BD-16-15-SL	0	U,G	1.35	0.247	U,G	0.383	-0.599	U,G	1.38	-0.0752	U,G	0.564	1.13	G	0.231
BD-16-19-SL	-0.332	U,G	1.56	0.149	U,G	0.468	-0.0103	U,G	1.33	-0.385	U,G	0.877	1.6	G	0.282
BD-16-25-SL	0.349	U,G	1.52	0.0775	U,G	0.309	0.795	U,G	1.48	0.29	G,TI	0.157	0.973	G	0.432
BD-16-34-SL	-0.325	U,G	1.29	0.236	U,G	0.424	-0.236	U,G	1.22	-0.0387	U,G	0.702	0.837	G	0.314
BLD240-01-01	-0.2	U	1.03	0.14	U	0.39	0.1	U	0.94	-0.09	U	0.57	0.9		0.29
BLD240-01-09	0	U	1.24	0.12	U	0.46	-0.08	U	1.21	-0.26	U	0.64	0.71		0.35
BLD240-01-09FD	0	U	0.92	0.07	U	0.44	-0.24	U	1	0.03	U	0.51	1.15		0.25
BLD240-01-31															
BLD240-03-04	-0.57	U	1.59	0.26	U	0.39	0.23	U	1.11	-0.32	U	0.76	0.99		0.35
BLD240-03-04FD	-0.42	U	1.18	0.17	U	0.45	-0.06	U	1	0.03	U	0.66	1.34		0.31
BLD240-03-14															
BLD240-03-19	-0.26	U	1.59	0.15	U	0.42	0.19	U	0.95	0.14	U	0.63	0.96		0.36
BLD240-04-02	0.2	U	1.19	0.13	U	0.47	0.24	U	1.4	-0.14	U	0.68	0.85		0.26
BLD240-04-04	0	U	1.16	0.05	U	0.44	-0.2	U	1.73	-0.14	U	0.58	1.16		0.28
BLD240-04-33															
BLD240-05-01	0.08	U	1.33	0.25	U	0.37	-0.1	U	2.1	-0.2	U	0.71	1.11		0.32
BLD240-05-02	-0.47	U	1.42	0.07	U	0.46	0.5	U	2.7	0.58	U	0.74	1.01		0.32
BLD253-02-01	-0.22	U	0.98	-0.01	U	0.37	-0.02	U	1.36	0.09	U	0.38	0.077	U	0.164
BLD253-02-04	-0.36	U	1.31	0.29	U	0.56	-0.71	U	1.78	-0.37	U	0.85	1.2		0.26
BLD253-02-21FD	0.06	U	0.92	0.07	U	0.44	-0.35	U	1.73	0.07	U	0.57	0.84		0.28
BLD253-02-21															
BLD255-05-01															
BLD255-05-23															
BLD255-07-02	0.26	U	1.02	-0.01	U	0.4	-0.29	U	1.2	0	U	0.47	1.06		0.24
BLD255-07-15	0.47	U	1.31	0.09	U	0.36	-0.04	U	1.14	-0.08	U	0.71	0.94		0.34
BLD255-07-33															
BLD255-08-01	-0.2	U	1.04	0.83	U	0.92	-0.28	U	1.15	-0.22	U	0.58	0.66		0.3
BLD255-08-08	-0.33	U	1.61	0.08	U	0.42	0.53	U	1.22	-0.21	U	0.81	1.13		0.38
BLD260-06-01	-0.53	U	1.4	0.26	U	0.48	0.21	U	0.59	-0.03	U	0.36	0.98		0.27
BLD260-06-03	-0.52	U	1.7	0.04	U	0.43	0.08	U	0.89	0.26	U	0.5	1.08		0.34

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Europium-154			Europium-155			Iodine-131			Iron-59			Lead-212		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BLD260-06-31															
BP-13-05-SL	0.172	U,G	0.784	0.00531	U,G	0.41	0.356	U,G	1.38	0	U,G	0.719	0.91	G	0.298
BP-13-11-SL	-0.274	U,G	1.36	0.144	U,G	0.361	-0.118	U,G	1.57	0.111	U,G	0.589	1.16	G	0.253
BP-13-15-SL	0	U,G	1.27	0.228	U,G	0.341	-0.0138	U,G	2.11	-0.0859	U,G	0.805	0.895	G	0.312
BP-13-25-SL	-0.0142	U,G	1.8	-0.0171	U,G	0.504	0.236	U,G	1.97	0.471	U,G	0.556	1.28	G	0.361
BP-13-35-SL	-0.476	U,G	1.21	-0.0804	U,G	0.394	0.186	U,G	1.29	0.212	U,G	0.464	0.677	G	0.285
BP-17-05-SL	-0.324	U,G	1.71	0.0863	U,G	0.325	-0.283	U,G	1.7	0.143	U,G	0.603	0.736	G	0.284
BP-17-15-SL	-0.323	U	1.27	0.156	U	0.354	0.78	U	1.42	-0.176	U	0.664	0.888		0.242
BP-17-23-SL	0.0636	U,G	1.26	0.0743	U,G	0.42	0.31	U,G	0.942	0.0746	U,G	0.592	0.953	G	0.259
BP-17-31-SL	-0.205	U,G	1.86	-0.00456	U,G	0.361	0.228	U,G	1.09	-0.0908	U,G	0.85	0.97	G	0.357
BP-18-05-SL	-0.0842	U,G	1.67	0.254	U,G	0.478	-0.273	U,G	1.31	0.0959	U,G	0.685	0.854	G	0.37
BP-18-15-SL	0	U,G	1.65	0.166	U,G	0.344	-0.111	U,G	1.28	-0.0703	U,G	0.614	0.995	G	0.365
BP-18-25-SL	0.109	U,G	1.53	0.317	U,G	0.465	-0.17	U,G	1.45	-0.342	U,G	0.846	0.881	G	0.393
BP-18-31-SL	-0.153	U	0.82	-0.00638	U	0.304	0.0914	U	0.926	-0.15	U	0.422	0.233		0.198
BP-19-05-SL	0.104	U	0.942	0.0435	U	0.363	0.258	U	0.913	0	U	0.533	0.788		0.268
BP-19-13-SL	0.138	U	1.37	0.181	U	0.426	0	U	1.09	0.202	U	0.668	1.01		0.308
BP-19-25-SL	-0.371	U,G	1.05	-0.136	U,G	0.413	0.517	U,G	0.987	0.17	U,G	0.446	1	G	0.252
BP-19-29-SL	-0.184	U	1.21	0.0512	U	0.337	0.231	U	1.11	0.0226	U	0.628	0.634		0.318
BP-20-03-SL	-0.091	U	1.52	0.0303	U	0.316	0.0938	U	0.985	-0.0359	U	0.756	0.751		0.265
BP-20-19-SL	0.316	U,G	1.56	0.206	U,G	0.474	-0.105	U,G	1.28	0.0516	U,G	0.645	1.21	G	0.355
BP-20-27-SL	0.221	U	0.845	0.0768	U	0.324	0.0757	U	0.891	-0.248	U	0.562	0.306		0.231
BP-21-07-SL	-0.1	U,G	1.32	-0.0647	U,G	0.393	0.389	U,G	1.44	-0.0852	U,G	0.799	1.09	G	0.39
BP-21-07-SL-FD	-0.0862	U	1.57	-0.0149	U	0.494	0.422	U	1.34	0.159	U	0.612	1.06		0.315
BP-21-13-SL	-0.388	U	1.26	0.448	TI	0.325	0.483	U	0.899	0.0991	U	0.524	0.943		0.278
BP-21-24-SL	0.697	U,G	1.2	0.166	U,G	0.346	-0.11	U,G	1.57	0.333	U,G	0.566	0.801	G	0.35
BP-21-34-SL	-0.2	U	1.29	-0.114	U	0.394	-0.101	U	1.01	0.12	U	0.552	0.299		0.26
BP-22-05-SL	-0.341	U,G	1.41	0.0948	U,G	0.416	-0.0233	U,G	1.07	0.0704	U,G	0.685	0.707	G	0.277
BP-22-13-SL	-0.347	U,G	1.84	-0.015	U,G	0.452	0.491	U,G	1.1	-0.115	U,G	0.772	0.913	G	0.331
BP-22-23-SL	-0.016	U	1.01	0.02	U	0.4	0.305	U	0.984	-0.157	U	0.591	1.06		0.22
BP-22-33-SL	-0.409	U	1.36	-0.00182	U	0.242	0.0588	U	1.22	-0.0605	U	0.56	0.183	U	0.248
CB-02-05-SL	-0.225	U,G	1.25	0.0859	U,G	0.389	0.266	U,G	1.38	0.0572	U,G	0.53	1.11	G	0.364
CB-02-05-SL-FD	-0.258	U,G	1.71	0.052	U,G	0.57	-0.0729	U,G	1.75	-0.033	U,G	0.772	0.908	G	0.399
CB-02-15-SL	0.445	U,G	1.18	0.0227	U,G	0.437	0.275	U,G	1.6	-0.147	U,G	0.669	0.997	G	0.369
CB-02-25-SL	-0.0609	U,G	1.42	0.098	U,G	0.531	0.0689	U,G	1.69	-0.173	U,G	0.88	1.14	G	0.287
DM-02-05-SL	-1.42	U	2.72	0.276	U	0.51	0.983	U	1.36	0.0588	U	0.721	0.979		0.338
DM-02-17-SL	-0.317	U,G	1.41	0.363	U,G	0.374	0.0222	U,G	1.57	-0.0812	U,G	0.791	1.15	G	0.324
DM-02-22-SL	-1.23	U	2.41	1.04		0.603	0.389	U	1.83	0.327	U	0.554	0.78		0.382
DM-02-33-SL	-0.949	U	1.67	0.173	U	0.536	-0.391	U	1.39	-0.0664	U	0.625	0.73		0.288
DM-03-05-SL	-0.352	U,G	1.38	0.213	U,G	0.412	0.0551	U,G	1.69	-0.114	U,G	0.784	1.1	G	0.252
DM-03-05-SL-FD	0.326	U,G	1.17	0.0459	U,G	0.398	-0.0469	U,G	2.15	0.136	U,G	0.85	0.939	G	0.378
DM-03-13-SL	0.0579	U,G	1.15	0.116	U,G	0.393	0.697	U,G	1.32	-0.108	U,G	0.63	1.04	G	0.278
DM-03-25-SL	0.208	U,G	1.37	0.188	U,G	0.331	0.256	U,G	1.95	0.251	U,G	0.693	0.907	G	0.367
DM-03-34-SL	0.183	U,G	1.01	0.0591	U,G	0.369	0.281	U,G	1.53	-0.184	U,G	0.669	0.542	G	0.251

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Europium-154			Europium-155			Iodine-131			Iron-59			Lead-212		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
EP-13-03-SL	0	UJ	1.12	0.0995	UJ	0.551	0.0994	UJ	1.52	0.00759	UJ	0.639	1.07	J	0.341
EP-13-13-SL	0.317	UJ	1.68	0.24	U	0.352	-0.112	UJ	1.87	0.18	UJ	0.868	0.917	J	0.358
EP-13-25-SL	-0.224	UJ	1.4	0.108	UJ	0.439	-0.344	UJ	1.7	-0.076	UJ	0.704	1.09	J	0.244
EP-13-30-SL	-0.221	UJ	1.15	-0.25	UJ	0.419	-0.5	UJ	1.35	-0.0359	UJ	0.431	0.633	J	0.31
EP-14-05-SL	-0.116	UJ	1.74	-0.139	UJ	0.449	-0.623	UJ	1.8	-0.425	UJ	1.16	1.05	J	0.355
EP-14-13-SL	-0.0741	UJ	1.04	-0.0424	UJ	0.477	-0.145	UJ	1.44	-0.087	UJ	0.784	1.12	J	0.253
EP-14-25-SL	-0.163	UJ	1.58	0.193	UJ	0.479	0.209	UJ	1.59	0.22	UJ	0.663	1	J	0.352
EP-14-31-SL	0.144	UJ	1.28	0.125	UJ	0.352	-0.297	UJ	1.49	-0.296	UJ	0.645	0.611	J	0.308
EP-15-05-SL	-0.576	U,G	1.59	0.0503	U,G	0.545	-0.658	U,G	2.14	0.00729	U,G	0.803	0.696	G	0.343
EP-15-13-SL	-0.772	U,G	1.92	0.0327	U,G	0.52	0	U,G	1.93	-0.306	U,G	0.906	0.815	G	0.353
EP-15-25-SL	0.085	U	1.28	0.0397	U	0.242	0.274	U	1.8	-0.018	U	0.571	0.449		0.24
EP-15-29-SL	-0.303	U	1.52	0.284	U	0.458	-0.589	U	1.69	-0.188	U	0.715	0.905		0.314
EP-16-05-SL	-0.0701	U,G	1.41	0.202	U,G	0.387	-0.243	U,G	1.6	0.159	U,G	0.521	0.933	G	0.24
EP-16-15-SL	-0.624	U,G	1.44	0.162	U,G	0.403	0.112	U,G	1.49	-0.0179	U,G	0.498	0.914	G	0.296
EP-16-27-SL	0.0589	U	0.772	0.0202	U	0.249	0.466	U	0.822	0.146	U	0.298	0.0808	U	0.174
EP-17-05-SL	0.214	U,G	1.51	0.119	U,G	0.366	0.511	U,G	1.98	-0.108	U,G	1	1.3	G	0.308
EP-17-15-SL	-0.471	U,G	1.52	0.16	U,G	0.478	0.079	U,G	2.05	0.275	U,G	0.576	1.01	G	0.365
EP-17-25-SL	-0.341	U,G	1.98	-0.0354	U,G	0.401	1.12	U,G	1.84	0.163	U,G	0.685	0.909	G	0.39
EP-17-30-SL	0.171	U	1.12	-0.156	U	0.389	-0.563	U	1.73	0.13	U	0.55	0.166	U	0.291
EP-18-09-SL	-1.13	UJ	2.41	0.138	UJ	0.442	-0.479	UJ	2.35	0.268	UJ	0.74	0.788	J	0.397
EP-18-09-SL-FD	-0.299	UJ	1.32	0.0308	UJ	0.401	-0.0147	UJ	1.17	-0.0493	UJ	0.626	0.775	J	0.227
EP-18-15-SL	-0.106	UJ	1.06	0.0442	UJ	0.448	-0.147	UJ	1.41	0.384	U	0.576	0.876	J	0.321
EP-18-29-SL	0	UJ	1.59	0.207	UJ	0.342	-0.521	UJ	2.15	-0.147	UJ	0.869	0.701	J	0.404
EP-19-05-SL	0.892	U	1.21	0	UJ	0.506	0.782	U	1.16	-0.173	UJ	0.785	1.05	J	0.236
EP-19-13-SL	-0.51	UJ	1.54	-0.00266	UJ	0.59	-0.119	UJ	1.58	0.0393	UJ	0.684	0.818	J	0.311
EP-19-25-SL	0.431	UJ	1.18	0.169	UJ	0.418	0.353	UJ	1.47	0.154	UJ	0.611	1.01	J	0.24
EP-19-31-SL	0.0342	UJ	1.21	-0.0814	UJ	0.417	0.044	UJ	1.26	-0.0959	UJ	0.689	1.07	J	0.22
EP-20-05-SL	-0.0766	U,G	1.39	0.105	U,G	0.424	0.0288	U,G	1.16	0.164	U,G	0.628	1.29	G	0.28
EP-20-15-SL	0.102	U,G	1.62	-0.0159	U,G	0.392	-0.242	U,G	1.59	0.19	U,G	0.583	1.16	G	0.349
EP-20-25-SL	-0.472	U,G	1.36	-0.134	U,G	0.409	-0.0717	U,G	1.04	0.262	U,G	0.573	1.06	G	0.262
LF-06-05-SL	0.289	U,G	1.15	-0.028	U,G	0.432	-0.458	U,G	1.26	0.0789	U,G	0.592	0.857	G	0.294
LF-06-13-SL	0.721	U,G	1.15	-0.0674	U,G	0.415	-0.144	U,G	1.01	0.198	U,G	0.511	1.17	G	0.246
LF-06-27-SL	0.653	U,G	1.21	-0.088	U,G	0.414	0.166	U,G	0.984	0.0941	U,G	0.559	1.11	G	0.203
LF-06-32-SL	0.199	U,G	0.908	-0.0758	U,G	0.34	-0.249	U,G	0.937	0	U,G	0.543	0.232	G	0.18
LF--07-09-SL	-0.471	U,G	1.47	0.0748	U,G	0.433	-0.468	U,G	1.47	0.0396	U,G	0.628	1.03	G	0.31
LF-07-15-SL	-0.137	U,G	1.42	-0.145	U,G	0.442	0.0264	U,G	1.21	-0.111	U,G	0.698	0.772	G	0.293
LF-07-25-SL	0.904	U,G	1.07	0.17	U,G	0.529	0.848	U,G	1.31	-0.0852	U,G	0.845	0.901	G	0.326
LF-07-34-SL	0.309	U,G	1.35	0.032	U,G	0.353	0.246	U,G	1.42	0.141	U,G	0.592	0.356	G	0.308
LF-08-05-SL	-0.319	U,G	1.69	0.0142	U,G	0.384	-0.167	U,G	1.66	-0.318	U,G	0.955	0.923	G	0.388
LF-08-05-SL-FD	-0.364	U,G	1.23	0.214	U,G	0.35	-0.356	U,G	1.46	0.253	U,G	0.473	0.919	G	0.279
LF-08-15-SL	-0.147	U,G	1.22	0.0953	U,G	0.444	0.279	U,G	1.33	0.11	U,G	0.682	1.05	G	0.29
LF-08-21-SL	0.382	U,G	1.47	-0.177	U,G	0.643	0.617	U,G	1.5	0.0592	U,G	0.741	1.01	G	0.409
LF-08-37-SL	0.396	U,G	1.06	0.0857	U,G	0.281	0.765	U,G	1.26	0.0301	U,G	0.638	0.0815	U,G	0.225

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Europium-154			Europium-155			Iodine-131			Iron-59			Lead-212		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
LF-09-03-SL	0.411	U,G	1.3	0.0471	U,G	0.449	0.177	U,G	1.48	-0.161	U,G	0.729	0.826	G	0.308
LF-09-17-SL	-0.421	U,G	1.67	-0.119	U,G	0.603	-0.13	U,G	1.53	-0.0741	U,G	0.742	0.893	G	0.378
LF-09-25-SL	0.238	U,G	1.19	0.215	U,G	0.486	-0.557	U,G	1.75	0.0199	U,G	0.552	1.28	G	0.305
LF-09-31-SL	-0.195	U,G	1.19	-0.228	U,G	0.476	0.175	U,G	1.21	0.0569	U,G	0.562	0.177	U,G	0.341
NB-28-04-SL	0.704	U,G	1.11	0.121	U,G	0.469	0.425	U,G	2.58	-0.0465	U,G	0.935	0.714	G	0.35
NB-28-14-SL	-0.308	U,G	1.79	0.0823	U,G	0.343	1.16	U,G	2.51	0.255	U,G	0.867	0.979	G	0.384
NB-28-24-SL	0.333	U,G	1.15	-0.0914	U,G	0.392	0.184	U,G	2.04	-0.0445	U,G	0.651	0.723	G	0.228
NB-28-35-SL	0.267	U,G	1.04	-0.214	U,G	0.35	0.806	U,G	1.48	0.0433	U,G	0.578	0.185	U,G	0.218
NB-29-05-SL	0.107	U,G	1.87	-0.0191	U,G	0.378	-1.7	U,G	3.53	0.0242	U,G	0.903	0.777	G	0.33
NB-29-14-SL	0.018	U,G	1.07	0.0736	U,G	0.298	0.234	U,G	1.78	-0.0129	U,G	0.558	-0.0284	U,G	0.228
NB-29-22-SL	0.0259	U	0.774	0.179	U	0.21	-0.0859	U	1.22	0.0677	U	0.406	-0.0341	U	0.21
NB-30-05-SL	-0.0659	U,G	1.54	0.283	U,G	0.506	-0.824	U,G	1.96	-0.225	U,G	0.91	0.771	G	0.376
NB-30-15-SL	-0.26	U,G	1.73	-0.136	U,G	0.577	0.132	U,G	1.56	0.0923	U,G	0.781	1.06	G	0.382
NB-30-25-SL	0.429	U,G	1.51	0.00477	U,G	0.425	0.392	U,G	1.63	-0.0382	U,G	0.869	0.856	G	0.416
NB-30-33-SL	0.253	U,G	1.27	0.0611	U,G	0.367	0	U,G	1.37	0.0128	U,G	0.639	0.502	G	0.263
NB-31-05-SL	0	U,G	1.71	-0.0936	U,G	0.436	0.0694	U,G	1.8	0.0231	U,G	0.865	0.845	G	0.405
NB-31-15-SL	0.142	U,G	1.07	-0.0515	U,G	0.435	-0.458	U,G	1.62	-0.104	U,G	0.632	0.948	G	0.304
NB-31-27-SL	0.02	U,G	1.41	0.242	U,G	0.475	0	U,G	1.55	0.189	U,G	0.51	0.931	G	0.293
NB-31-32-SL	0	U,G	1.41	0.122	U,G	0.308	-0.722	U,G	1.78	0.0865	U,G	0.578	0.502	G	0.338
NB-32-05-SL	0	U,G	1.5	0.0118	U,G	0.407	0.0127	U,G	1.52	-0.328	U,G	1.04	1.16	G	0.386
NB-32-15-SL	0	U,G	1.72	0.0435	U,G	0.377	0.246	U,G	1.42	-0.0313	U,G	0.78	0.763	G	0.393
NB-32-27-SL	-0.34	U,G	1.53	0.142	U,G	0.392	-0.43	U,G	1.53	0	U,G	0.489	0.856	G	0.336
NB-32-33-SL	0	U,G	1.47	0.105	U,G	0.327	-0.81	U,G	1.88	0.0149	U,G	0.791	0.701	G	0.345
NB-33-05-SL	-0.153	U,G	1.36	0.109	U,G	0.391	0.0869	U,G	1.33	0	U,G	0.669	0.963	G	0.314
NB-33-15-SL	-0.416	U,G	1.56	0.0485	U,G	0.33	-0.0125	U,G	1.61	-0.0316	U,G	0.787	1.16	G	0.28
NB-33-27-SL	0.417	U	0.81	0.0181	U	0.318	0.099	U	1.03	-0.229	U	0.638	0.469		0.244
NB-34-05-SL	0.315	U,G	1.48	0.138	U,G	0.344	-0.341	U,G	1.74	-0.0479	U,G	0.942	0.888	G	0.391
NB-34-15-SL	0.561	U,G	0.941	-0.105	U,G	0.496	0.134	U,G	1.36	-0.267	U,G	0.766	0.913	G	0.306
NB-34-25-SL	-0.255	U	1.2	0.0699	U	0.261	-0.665	U	1.49	0.0732	U	0.49	0.436		0.28
NB-35-01-SL	-0.104	U,G	1.65	0.136	U,G	0.342	0.341	U,G	1.26	-0.0858	U,G	0.805	1.12	G	0.41
NB-35-15-SL	-0.497	U,G	1.87	-0.119	U,G	0.409	0.382	U,G	1.2	-0.193	U,G	0.892	1.05	G	0.384
NB-35-25-SL	-0.143	U,G	1.44	0.0656	U,G	0.477	0.226	U,G	0.943	-0.0585	U,G	0.548	1.04	G	0.326
NB-36-05-SL	0.348	U,G	0.837	0	U,G	0.464	0.574	U,G	0.919	0.15	U,G	0.464	1.16	G	0.248
NB-36-15-SL	-0.783	U,G	2.14	0.252	U,G	0.306	0.313	U,G	0.965	0.019	U,G	0.71	1.2	G	0.413
NB-36-27-SL	-0.19	U	1.59	0.163	U	0.282	-0.233	U	1.2	0.384	U	0.737	1.19		0.334
NB-37-05-SL	0.0134	U,G	1.47	-0.146	U,G	0.554	-0.114	U,G	1.48	-0.113	U,G	0.731	0.912	G	0.34
NB-37-15-SL	-0.295	U,G	1.56	0.0983	U,G	0.368	0.283	U,G	1.26	-0.182	U,G	0.782	0.731	G	0.372
NB-37-25-SL	0.0807	U,G	1.42	0.045	U,G	0.471	-0.212	U,G	1.25	0.0431	U,G	0.677	0.935	G	0.348
NB-38-09-SL	0.0761	U,G	1.19	0.0145	U,G	0.363	-0.0972	U,G	0.973	0.0825	U,G	0.548	1.05	G	0.233
NB-38-15-SL	0.0197	U	1.12	0.169	U	0.34	0.264	U	0.881	-0.0401	U	0.644	0.956		0.225
NB-38-25-SL	0.433	U	1.13	0.0433	U	0.374	-0.139	U	0.961	0.221	U	0.512	1.03		0.228
NB-39-05-SL	0.194	U,G	1.39	-0.218	U,G	0.519	-0.382	U,G	1.95	-0.14	U,G	0.943	0.962	G	0.334
NB-39-15-SL	0.386	U,G	0.984	-0.0168	U,G	0.441	0.876	U,G	1.3	0.0718	U,G	0.598	0.877	G	0.254

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Europium-154			Europium-155			Iodine-131			Iron-59			Lead-212		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-39-25-SL	-0.0973	U,G	1.27	0.0735	U,G	0.369	-0.611	U,G	1.86	-0.0356	U,G	0.81	0.969	G	0.327
NB-39-30-SL	-0.461	U,G	1.45	-0.0477	U,G	0.475	-0.437	U,G	1.89	0.219	U,G	0.684	0.716	G	0.373
NB-40-05-SL	-0.196	U,G	1.64	0.227	U,G	0.307	-1.26	U,G	2.53	0.0728	U,G	0.778	0.787	G	0.3
NB-40-05-SL-FD	-0.111	U	1.22	0.13	U	0.35	0.0613	U	1.24	0.0516	U	0.616	0.861		0.217
NB-40-17-SL	0.179	U,G	1.4	-0.0802	U,G	0.491	0.398	U,G	1.95	-0.028	U,G	0.7	1.13	G	0.345
NB-40-25-SL	0	U	1.23	0.0677	U	0.258	0.446	U	0.953	0.207	U	0.64	0.387		0.312
NB-40-31-SL	-0.519	U	1.16	-0.026	U	0.3	0.00292	U	1.2	0.186	U	0.451	0.202		0.187
NB-41-05-SL	-0.348	U	1.32	0.087	U	0.37	-0.265	U	1.75	0.0124	U	0.623	0.756		0.264
NB-41-13-SL	-0.154	U	1.01	-0.0274	U	0.24	-0.011	U	1.42	-0.161	U	0.745	0.118	U	0.217
NB-41-19-SL	0.292	U,G	1.11	0.0476	U,G	0.358	0.39	U,G	1.26	0.107	U,G	0.558	0.186	U,G	0.21
NB-42-05-SL	-0.283	U,G	1.18	0.305	U,G	0.399	-0.171	U,G	1.82	-0.0438	U,G	0.732	0.459	G	0.342
NB-42-13-SL	0.168	U	0.907	-0.0955	U	0.316	-0.0726	U	1.51	-0.26	U	0.78	0.271		0.236
NB-42-23-SL	0.0828	U	0.975	0.112	U	0.272	0.351	U	1.04	0.11	U	0.487	0.0241	U	0.168
NB-43-05-SL	-0.544	U,G	1.28	0.286	U,G	0.365	-0.363	U,G	1.52	-0.0528	U,G	0.488	0.578	G	0.287
NB-43-13-SL	-0.107	U	1.07	-0.0647	U	0.365	0.0596	U	1.4	0.0529	U	0.459	0.288		0.23
NB-44-05-SL	0.0829	U	0.995	0.0129	U	0.255	-0.37	U	1.54	0.0694	U	0.551	0.355		0.213
NB-44-05-SL-FD	0.525	U,G	0.866	0.0145	U,G	0.301	-0.331	U,G	1.25	-0.0589	U,G	0.51	-0.0106	U,G	0.186
NB-44-11-SL	-0.112	U	0.787	-0.0874	U	0.324	-0.597	U	1.35	-0.162	U	0.432	0.128	U	0.2
NB-44-18-SL	-0.581	U	1.25	0.171	U	0.364	-0.606	U	1.46	0.119	U	0.502	0.196	U	0.204
NB-45-05-SL	0.222	U,G	1.19	0.222	U,G	0.335	-0.0472	U,G	2.17	-0.15	U,G	0.865	0.822	G	0.329
NB-45-05-SL-FD	-0.112	U,G	1.58	0.0946	U,G	0.384	-0.0956	U,G	1.99	-0.0292	U,G	0.812	0.77	G	0.301
NB-45-13-SL	0.21	U,G	1.26	-0.0514	U,G	0.389	1.19	U,G	1.82	0.0714	U,G	0.876	1	G	0.318
NB-45-25-SL	-0.111	U,G	1.33	0.069	U,G	0.391	0.91	U,G	1.76	-0.104	U,G	0.978	0.947	G	0.347
NB-45-33-SL	0.17	U	0.981	0.0281	U	0.313	-0.555	U	1.3	0.0114	U	0.521	0.566		0.189
NB-46-09-SL	0.37	U	1.39	-0.123	U	0.334	0.265	U	1.53	-0.164	U	1.03	0.856		0.319
NB-46-17-SL	0.244	U,G	1.14	-0.0891	U,G	0.372	0.276	U,G	1.27	0.0684	U,G	0.624	0.938	G	0.208
NB-46-25-SL	-1.18	U,G	1.73	0.0466	U,G	0.481	-0.356	U,G	2.04	0.5	U,G	0.593	0.844	G	0.355
NB-46-29-SL	-0.402	U,G	1.25	0.0354	U,G	0.337	-0.165	U,G	1.46	-0.0353	U,G	0.64	0.581	G	0.293
NB-47-05-SL	0	U	1.08	-0.122	U	0.428	-0.281	U	1.72	-0.211	U	0.681	0.781		0.271
NB-47-15-SL	0.0886	U,G	1.44	0.103	U,G	0.413	-0.0989	U,G	1.94	-0.24	U,G	0.804	1.2	G	0.367
NB-47-25-SL	0	U,G	1.58	0.0895	U,G	0.373	0.345	U,G	1.99	0.0948	U,G	0.753	1.09	G	0.424
NB-47-31-SL	-0.521	U,G	1.35	0	U,G	0.463	-0.0646	U,G	1.88	-0.211	U,G	0.836	0.859	G	0.299
NB-48-05-SL	-0.131	U,G	1.32	0.166	U,G	0.491	-0.969	U,G	2.16	0.0362	U,G	0.81	0.614	G	0.377
NB-48-11-SL	-0.00598	U,G	1.23	0.252	U,G	0.4	-0.316	U,G	1.87	0.113	U,G	0.63	1.08	G	0.25
NB-48-15-SL	0	U,G	1.63	0.171	U,G	0.385	0.175	U,G	2.06	-0.212	U,G	0.964	1.01	G	0.309
NB-48-25-SL	0.488	U,G	1.11	-0.00533	U,G	0.454	0.109	U,G	1.94	0.0475	U,G	0.582	1.29	G	0.264
NB-48-35-SL	0.151	U,G	1.5	0	U,G	0.472	-0.527	U,G	2.12	-0.0464	U,G	0.843	0.734	G	0.329
NB-49-05-SL	-0.333	U,G	1.62	0	U,G	0.569	0.546	U,G	1.79	0.0441	U,G	0.875	0.797	G	0.424
NB-49-05-SL-FD	-0.408	U,G	1.78	0.229	U,G	0.302	0.232	U,G	1.94	-0.0905	U,G	0.848	0.846	G	0.356
NB-49-15-SL	0.396	U,G	0.94	0.084	U,G	0.508	0.46	U,G	1.92	-0.0757	U,G	0.759	1.3	G	0.396
NB-49-25-SL	0.359	U,G	1.12	-0.0164	U,G	0.443	0.545	U,G	1.58	-0.163	U,G	0.794	1.05	G	0.324
NB-49-37-SL	-0.491	U,G	1.91	0.157	U,G	0.327	0.421	U,G	1.76	-0.195	U,G	0.865	0.645	G	0.331
NB-50-05-SL	0.0132	U,G	1.46	0.064	U,G	0.542	-0.586	U,G	1.9	0.134	U,G	0.723	0.879	G	0.402

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Europium-154			Europium-155			Iodine-131			Iron-59			Lead-212		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-50-15-SL	-0.368	U,G	1.45	-0.185	U,G	0.471	0.184	U,G	1.54	-0.119	U,G	0.718	1.15	G	0.34
NB-50-25-SL	-0.205	U,G	1.54	0.142	U,G	0.352	-0.663	U,G	2.03	-0.0913	U,G	0.855	0.915	G	0.412
NB-50-37-SL	-0.0662	U	0.993	0.174	U	0.324	0.266	U	1.55	-0.0992	U	0.606	0.413		0.256
NB-51-05-SL	0	U,G	1.27	-0.0454	U,G	0.471	0.384	U,G	1.51	0.232	U,G	0.541	0.977	G	0.33
NB-51-13-SL	-0.607	U,G	1.89	0.264	U,G	0.53	0.0757	U,G	1.86	-0.124	U,G	0.812	1.11	G	0.396
NB-51-25-SL	-0.0999	U,G	1.26	0.22	U,G	0.384	0.413	U,G	1.62	-0.208	U,G	0.783	1.07	G	0.293
NB-51-37-SL	-0.288	U,G	1.31	0.077	U,G	0.436	-0.548	U,G	1.94	0.171	U,G	0.474	1.14	G	0.29
NB-52-05-SL	-0.214	U,G	1.51	0.128	U,G	0.387	0.495	U,G	1.83	0.32	U,G	0.539	0.641	G	0.394
NB-52-13-SL	-0.327	U,G	1.62	0.148	U,G	0.478	0.978	U,G	1.57	-0.0803	U,G	0.8	0.631	G	0.362
NB-52-25-SL	-0.101	U,G	1.27	-0.0281	U,G	0.468	0.736	U,G	1.46	0.207	U,G	0.751	1.03	G	0.323
NB-52-35-SL	0.515	U,G	1.24	0.0663	U,G	0.338	0.164	U,G	2.04	0.133	U,G	0.737	0.752	G	0.36
NB-53-05-SL	-0.278	U,G	1.1	0.104	U,G	0.448	0.0936	U,G	1.43	0.338	U,G	0.493	0.853	G	0.309
NB-53-13-SL	-0.0827	U,G	1.17	0.0813	U,G	0.416	-0.628	U,G	1.6	0.0364	U,G	0.66	1.25	G	0.23
NB-53-23-SL	0.215	U,G	1.71	0.18	U,G	0.306	0.917	U,G	1.5	0.139	U,G	0.771	0.702	G	0.332
NB-53-33-SL	0.11	U,G	0.994	0.0631	U,G	0.374	-0.374	U,G	1.56	-0.145	U,G	0.659	0.784	G	0.296
NB-54-05-SL	-0.332	U,G	1.7	-0.0786	U,G	0.533	0.134	U,G	1.47	0.12	U,G	0.793	0.705	G	0.36
NB-54-13-SL	-0.0781	U,G	1.63	0.103	U,G	0.545	-0.225	U,G	1.8	-0.132	U,G	0.87	0.883	G	0.334
NB-54-25-SL	0	U,G	1.46	-0.0459	U,G	0.364	0.142	U,G	1.9	0.0268	U,G	0.743	0.804	G	0.422
NB-54-31-SL	0.0344	U	0.811	0.0594	U	0.291	0.366	U	1.12	-0.0785	U	0.48	0.164	U	0.191
NB-55-05-SL	-0.404	U,G	1.68	-0.114	U,G	0.378	1.07	U,G	1.38	0.0105	U,G	0.883	0.794	G	0.314
NB-55-13-SL	-0.334	U,G	1.72	0.0316	U,G	0.502	0.209	U,G	1.94	-0.0337	U,G	0.742	1.06	G	0.335
NB-55-25-SL	-1.17	U,G	1.91	0.00435	U,G	0.363	-1.12	U,G	1.97	-0.198	U,G	0.9	0.879	G	0.315
NB-55-33-SL	-0.0406	U	1.02	-0.0368	U	0.319	-0.166	U	1.36	-0.05	U	0.498	0.103	U	0.172
NB-56-05-SL	0.0602	U	1.13	0.1	U	0.352	0.138	U	1.39	0	U	0.54	1.01		0.265
NB-56-13-SL	-0.563	U,G	1.63	0.272	U,G	0.496	-0.145	U,G	1.78	0.0514	U,G	0.721	1.08	G	0.384
NB-56-25-SL	0.357	U,G	1.15	0.0877	U,G	0.415	0.493	U,G	1.67	0.0793	U,G	0.559	0.926	G	0.293
NB-56-33-SL	0.444	U	0.927	0.122	U	0.365	0.185	U	1.16	0.0582	U	0.44	0.249	U	0.283
NB-57-05-SL	0.423	U,G	1.41	0.13	U,G	0.538	0.136	U,G	1.77	-0.0412	U,G	0.816	0.852	G	0.398
NB-57-05-SL-FD	0.258	U,G	1.29	0.281	U,G	0.427	-0.197	U,G	1.8	0.0364	U,G	0.814	1.06	G	0.343
NB-57-15-SL	0.11	U,G	1.22	0.187	U,G	0.44	0.724	U,G	1.19	0.126	U,G	0.726	0.767	G	0.328
NB-57-29-SL	-0.286	U,G	1.2	-0.0268	U,G	0.429	0.781	U,G	1.13	-0.0717	U,G	0.722	1.03	G	0.283
NB-57-34-SL	-0.234	U,G	1.56	0.107	U,G	0.444	0.583	U,G	1.45	0.101	U,G	0.536	0.545	G	0.348
NB-58-05-SL	-0.169	U,G	1.09	-0.0252	U,G	0.355	-0.345	U,G	1.66	-0.0372	U,G	0.675	1.02	G	0.291
NB-58-15-SL	0.538	U,G	1.32	0.152	U,G	0.573	0.574	U,G	1.69	-0.326	U,G	1.04	0.781	G	0.381
NB-58-29-SL	-0.166	U,G	1.26	0.0719	U,G	0.449	0.0108	U,G	1.57	-0.0786	U,G	0.655	1.29	G	0.288
NB-58-36-SL	-0.0496	U,G	1.24	-0.0449	U,G	0.458	-0.638	U,G	1.6	0.0921	U,G	0.601	0.748	G	0.305
NB-59-05-SL	-0.144	U,G	1.28	0.0775	U,G	0.38	0.162	U,G	1.36	0.0739	U,G	0.586	0.935	G	0.224
NB-59-13-SL	0.25	U,G	1.44	0.0952	U,G	0.538	-0.43	U,G	1.99	0.208	U,G	0.78	0.862	G	0.361
NB-59-25-SL	-0.168	U,G	0.99	0.0411	U,G	0.357	-0.187	U,G	1.55	0.144	U,G	0.473	1.28	G	0.256
NB-59-31-SL	0.293	U,G	1.17	0.0413	U,G	0.33	-0.0276	U,G	1.85	0.189	U,G	0.579	0.308	G	0.277
NB-60-05-SL	-0.161	U,G	1.33	-0.0349	U,G	0.464	0.154	U,G	1.09	-0.0746	U,G	0.677	0.958	G	0.256
NB-60-13-SL	0.224	U,G	1.95	-0.00995	U,G	0.415	0.389	U,G	1.26	0.152	U,G	0.531	0.88	G	0.43
NB-60-23-SL	0.251	U,G	1.15	0.284	U,G	0.347	0.166	U,G	0.939	-0.1	U,G	0.647	1.04	G	0.251

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Europium-154			Europium-155			Iodine-131			Iron-59			Lead-212		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-60-31-SL	0.213	U,G	1.28	0.0474	U,G	0.297	0.712	U,G	1	0.356	U,G	0.512	0.322	G	0.296
NB-61-05-SL	0.013	U,G	1.43	-0.0313	U,G	0.515	0.221	U,G	1.35	-0.19	U,G	0.736	0.93	G	0.318
NB-61-13-SL	-0.632	U,G	1.98	-0.236	U,G	0.438	-0.256	U,G	1.65	-0.0895	U,G	0.839	1.01	G	0.346
NB-61-23-SL	-0.224	U,G	1.48	0	U,G	0.511	-0.106	U,G	1.28	-0.396	U,G	0.921	0.657	G	0.367
NB-61-28-SL	-0.323	U	1.15	-0.0359	U	0.316	-0.0528	U	0.977	0.16	U	0.298	0.384		0.194
NB-62-05-SL	-0.103	U,G	1.35	0.0822	U,G	0.31	0.342	U,G	1.92	0.086	U,G	0.683	0.661	G	0.339
NB-62-12-SL	0.177	U,G	0.975	0.0999	U,G	0.285	-0.0838	U,G	1.1	-0.214	U,G	0.594	0.214	G,TI	0.183
NB-62-22-SL	-0.193	U,G	1.36	0.15	U,G	0.281	0.631	U,G	1.55	-0.182	U,G	0.757	0.0728	U,G	0.297
NB-63-05-SL	0.438	U,G	1.44	0.017	U,G	0.37	0.103	U,G	1.22	0.439	U,G	0.782	0.669	G	0.33
NB-63-13-SL	0.209	U,G	0.985	0.142	U,G	0.43	-0.434	U,G	1.15	0.204	U,G	0.55	0.291	U,G	0.305
NB-63-19-SL	-0.0926	U	0.931	-0.025	U	0.278	-0.0298	U	0.716	0.0311	U	0.466	0.429		0.242
NB-64-05-SL	0.233	U,G	1.34	0.127	U,G	0.408	0.00832	U,G	1	0	U,G	0.681	0.509	G	0.26
NB-64-13-SL	0.304	U,G	1.09	0.144	U,G	0.294	-0.263	U,G	1.33	-0.181	U,G	0.782	0.249	U,G	0.344
NB-64-17-SL	-0.171	U,G	0.914	-0.0356	U,G	0.304	-0.135	U,G	0.901	0.0658	U,G	0.354	0.123	U,G	0.196
NB-65-05-SL	-0.2	U,G	1.6	0.0429	U,G	0.39	0.233	U,G	1.1	0	U,G	0.619	0.559	G	0.326
NB-65-13-SL	-0.575	U,G	1.46	0.0903	U,G	0.344	-0.152	U,G	1	0.0357	U,G	0.567	0.857	G	0.313
NB-65-17-SL	0.102	U,G	1.1	-0.0431	U,G	0.265	0.00944	U,G	1.14	0.143	U,G	0.38	0.164	U,G	0.275
NB-66-05-SL	0	U,G	1.59	0.0645	U,G	0.365	0.0939	U,G	1.44	-0.156	U,G	0.921	0.497	G	0.417
NB-66-05-SL-FD	-0.262	U,G	1.85	0.268	U,G	0.314	0.523	U,G	1.19	-0.345	U,G	0.872	0.574	G	0.401
NB-66-15-SL	-0.467	U,G	1.42	-0.131	U,G	0.481	0.318	U,G	1.04	-0.634	U,G	0.892	0.477	G	0.341
NB-66-19-SL	-0.219	U	0.988	0.00684	U	0.292	0.259	U	0.726	0.156	U	0.441	0.218	U	0.256
NB-67-05-SL	0	U,G	1.32	0.144	U,G	0.326	0.432	U,G	1.06	-0.0845	U,G	0.79	0.802	G	0.378
NB-67-11-SL	0.412	U,G	0.949	0.0524	U,G	0.286	0.116	U,G	0.702	0.119	U,G	0.412	-0.0416	U,G	0.216
NB-67-21-SL	0.474	U	1.01	-0.0643	U	0.357	-0.229	U	0.954	0.0743	U	0.485	0.116	U	0.196
NB-68-05-SL	-0.00574	U,G	1.26	0.0246	U,G	0.401	-0.302	U,G	0.897	-0.369	U,G	0.716	0.979	G	0.239
NB-68-13-SL	0.3	U,G	1.31	0.102	U,G	0.322	-0.436	U,G	1.37	0.162	U,G	0.713	0.985	G	0.305
NB-68-17-SL	-0.219	U,G	1.4	-0.0801	U,G	0.532	-0.308	U,G	1.16	0.321	U,G	0.559	0.707	G	0.315
NB-68-25-SL	-0.364	U,G	1.26	-0.0321	U,G	0.481	-0.0535	U,G	0.989	0.04	U,G	0.48	1.27	G	0.348
NB-68-33-SL	0.193	U,G	1.16	-0.0321	U,G	0.306	-0.0332	U,G	0.958	-0.0691	U,G	0.64	0.308	G	0.291
NB-69-05-SL	0.724	U,G	1.06	-0.275	U,G	0.407	-0.109	U,G	0.758	-0.00368	U,G	0.592	0.997	G	0.199
NB-69-15-SL	0.0355	U,G	1.03	0.0796	U,G	0.297	0.0199	U,G	0.742	-0.18	U,G	0.607	0.544	G	0.242
NB-69-22-SL	0.127	U,G	1.34	-0.0266	U,G	0.406	-0.31	U,G	0.919	0.299	U,G	0.488	0.742	G	0.299
NB-69-34-SL	0.169	U	1.04	-0.00718	U	0.333	0.0684	U	0.698	-0.0357	U	0.475	0.644		0.209
NB-70-05-SL	0.0465	U,G	1.18	0.0625	U,G	0.375	0.0471	U,G	0.788	-0.0233	U,G	0.517	0.781	G	0.221
NB-70-15-SL	0.0119	U,G	1.36	0.142	U,G	0.419	-0.0198	U,G	0.907	-0.0681	U,G	0.511	1.16	G	0.307
NB-70-23-SL	-0.0778	U,G	1.32	-0.0171	U,G	0.385	-0.408	U,G	1.07	-0.193	U,G	0.737	0.854	G	0.218
NB-70-33-SL	-0.612	U,G	1.32	-0.0546	U,G	0.401	0.296	U,G	0.792	-0.165	U,G	0.662	0.826	G	0.222
NB-71-01-SL	0.225	U,G	1.19	0.177	U,G	0.441	-0.116	U,G	0.858	0.0824	U,G	0.571	0.969	G	0.296
NB-71-01-SL-FD	0.191	U,G	1.49	-0.0342	U,G	0.562	0.253	U,G	1.24	-0.197	U,G	0.749	1.24	G	0.376
NB-71-11-SL	0.291	U,G	1.37	0.0302	U,G	0.333	-0.126	U,G	1.2	-0.178	U,G	0.791	0.959	G	0.327
NB-71-27-SL	-0.208	U,G	1.15	-0.1	U,G	0.384	-0.0217	U,G	0.995	0.192	U,G	0.324	0.33	G	0.267
NB-72-05-SL	-0.0656	U,G	1.44	-0.127	U,G	0.466	1.04	G,TI	0.854	0.363	U,G	0.521	0.386	G	0.32
NB-72-11-SL	0.991	U,G	1.49	0.143	U,G	0.313	-0.3	U,G	1.21	0.042	U,G	0.682	0.352	G	0.312

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Europium-154			Europium-155			Iodine-131			Iron-59			Lead-212		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-72-19-SL	-0.00751	U	0.998	-0.0501	U	0.34	-0.398	U	1.27	0.0272	U	0.53	0.548		0.19
NB-72-22-SL	-0.174	U	1.23	0.029	U	0.276	-0.301	U	1.05	0.0127	U	0.672	0.148	U	0.238
NB-73-05-SL	-0.776	U,G	1.76	0.113	U,G	0.28	0.0936	U,G	1.15	-0.183	U,G	0.683	0.241	U,G	0.25
NB-73-13-SL	-0.308	U,G	1.45	0.057	U,G	0.315	0.126	U,G	1.16	-0.0797	U,G	0.745	0.0752	U,G	0.299
NB-73-23-SL	-0.0926	U	1.39	-0.00206	U	0.24	-0.393	U	1.2	0.126	U	0.439	0.119	U	0.264
NB-74-05-SL	0.125	U,G	1.29	0.00812	U,G	0.407	0.0853	U,G	1.01	-0.104	U,G	0.618	1.03	G	0.239
NB-74-17-SL	-0.457	U,G	1.43	-0.064	U,G	0.518	0.0522	U,G	1.3	-0.0408	U,G	0.715	1.05	G	0.277
NB-74-25-SL	0.164	U,G	1.5	-0.238	U,G	0.585	0.0515	U,G	1.13	0.0898	U,G	0.642	0.7	G	0.39
NB-74-33-SL	-0.145	U,G	1.11	-0.0443	U,G	0.344	-0.159	U,G	1.02	0.263	U,G	0.394	0.14	U,G	0.222
NB-75-08-SL	-0.347	U,G	1.21	0.0238	U,G	0.447	-0.49	U,G	1.18	0.048	U,G	0.512	0.724	G	0.316
NB-75-15-SL	0.953	G,TI	0.842	-0.211	U,G	0.536	-0.159	U,G	1.19	-0.071	U,G	0.708	0.628	G	0.36
NB-75-19-SL	-0.122	U	1.26	0.06	U	0.324	0.248	U	0.893	0.0659	U	0.355	0.195	U	0.217
NB-76-06-SL	0.0394	U,G	1.17	-0.317	U,G	0.521	0.332	U,G	0.925	-0.0126	U,G	0.478	0.00868	U,G	0.32
NB-76-10-SL	-0.221	U	0.92	-0.0135	U	0.305	-0.211	U	0.706	-0.0623	U	0.494	0.0926	U	0.204
NB-76-24-SL	0.256	U	1.03	0.0171	U	0.243	0.408	U	0.884	0.0538	U	0.66	0.262		0.224
NB-77-05-SL	0.201	U,G	1.03	-0.121	U,G	0.341	0.0225	U,G	0.772	-0.0152	U,G	0.533	0.33	G	0.201
NB-77-13-SL	0.445	U	1.25	-0.186	U	0.398	-0.345	U	1.06	-0.129	U	0.602	0.115	U	0.214
NB-77-24-SL	0.444	U	0.745	-0.00623	U	0.297	0	U	0.743	-0.202	U	0.503	0.149	U	0.156
NB-78-07-SL	-0.449	U,G	1.87	0.142	U,G	0.39	-0.601	U,G	1.69	-0.0762	U,G	0.692	0.934	G	0.355
NB-78-11-SL	-0.223	U,G	1.15	-0.0797	U,G	0.325	-0.15	U,G	0.789	-0.0365	U,G	0.533	0.432	G	0.18
NB-78-18-SL	0.145	U,G	1.09	-0.0442	U,G	0.426	-0.00768	U,G	1.18	-0.0243	U,G	0.554	1	G	0.307
NB-79-05-SL	-0.199	U,G	1.5	0.0443	U,G	0.311	-0.151	U,G	1.03	0.108	U,G	0.748	0.592	G	0.328
NB-79-05-SL-FD	-0.0708	U,G	0.999	0.0784	U,G	0.36	0.343	U,G	0.592	0.116	U,G	0.459	0.602	G	0.293
NB-79-11-SL	0.0998	U,G	1.2	0.0797	U,G	0.332	0.263	U,G	0.88	-0.132	U,G	0.793	0.416	G	0.298
NB-79-24-SL	-0.271	U	1.07	-0.0226	U	0.318	0.435	U	0.678	0.0927	U	0.464	0.635		0.202
NB-80-05-SL	0	U,G	1.16	0.0602	U,G	0.313	-0.355	U,G	1.26	0.176	U,G	0.452	0.514	G	0.355
NB-80-11-SL	0.215	U,G	1.15	0.0599	U,G	0.356	-0.0535	U,G	0.758	0.141	U,G	0.494	0.714	G	0.194
NB-80-27-SL	-0.136	U,G	1.36	-0.0782	U,G	0.508	0.3	U,G	1.01	0.043	U,G	0.676	0.549	G	0.28
NB-81-09-SL	0	U,G	1.17	0.159	U,G	0.361	-0.155	U,G	0.764	0.00606	U,G	0.511	1.06	G	0.327
NB-81-11-SL	0.12	U,G	1.08	-0.084	U,G	0.477	-0.0476	U,G	0.729	0.343	U,G	0.45	0.754	G	0.317
NB-81-31-SL	0.441	U,G	1.06	0.14	U,G	0.3	-0.254	U,G	0.584	-0.0912	U,G	0.554	0.194	U,G	0.198
NB-82-05-SL	-0.136	U,G	1.36	-0.064	U,G	0.619	-0.405	U,G	1.23	0.00643	U,G	0.708	0.993	G	0.364
NB-82-11-SL	0.465	U	0.928	-0.0285	U	0.308	-0.00708	U	0.698	0.0707	U	0.446	0.0692	U	0.214
NB-82-20-SL	-0.022	U	0.992	-0.0252	U	0.281	-0.26	U	0.782	-0.157	U	0.498	0.173	U	0.205
NB-83-05-SL	0.743	U,G	1.15	0.135	U,G	0.38	0.108	U,G	1.44	-0.101	U,G	0.945	0.858	G	0.413
NB-83-11-SL	0.292	U,G	1.02	0.0223	U,G	0.342	-0.0056	U,G	0.73	0.24	U,G	0.425	0.384	G	0.182
NB-83-23-SL	-0.213	U	1.04	-0.057	U	0.337	-0.338	U	0.807	0.0313	U	0.567	0.201	U	0.21
NB-84-05-SL	-0.482	U,G	1.91	-0.0803	U,G	0.401	0.549	U,G	1.06	-0.517	U,G	1.1	1.2	G	0.416
NB-84-15-SL	0.751	U,G	0.908	0.0547	U,G	0.344	0.2	U,G	0.68	0.115	U,G	0.56	0.713	G	0.219
NB-84-23-SL	0.342	U,G	0.737	0.0157	U,G	0.355	0.118	U,G	0.818	-0.0226	U,G	0.515	0.11	U,G	0.22
NB-84-33-SL	0.161	U	1.15	-0.0543	U	0.462	-0.189	U	0.808	0.18	U	0.485	0.104	U	0.235
NB-85-05-SL	0.334	U,G	0.615	0.166	U,G	0.464	-0.208	U,G	2.6	-0.0814	U,G	0.762	0.83	G	0.317
NB-85-15-SL	-0.0781	U,G	1.36	-0.0657	U,G	0.532	-0.733	U,G	2.61	0.0169	U,G	0.632	1.04	G	0.317

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Europium-154			Europium-155			Iodine-131			Iron-59			Lead-212		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-85-25-SL	0.319	U,G	1.33	-0.0793	U,G	0.484	-0.384	U,G	2.43	0.00865	U,G	0.728	1.37	G	0.289
NB-85-35-SL	0.0929	U	0.829	0.0345	U	0.245	-0.268	U	1.41	-0.0337	U	0.442	0.186		0.151
NB-86-05-SL	-0.254	U,G	1.79	0.0763	U,G	0.442	-1.12	U,G	3.6	0.104	U,G	0.966	0.609	G	0.379
NB-86-15-SL	-0.456	U,G	1.53	-0.168	U,G	0.483	-0.224	U,G	2.14	0.0165	U,G	0.615	1.02	G	0.3
NB-86-19-SL	-0.0354	U,G	0.949	0.323	G,TI	0.24	0	U,G	1.76	0.0773	U,G	0.284	0.421	G	0.227
OA-18-03-SL	-0.0892	U	1.01	0.216	U	0.364	-0.281	U	1.18	0.0337	U	0.535	0.739		0.267
OA-18-17-SL	-0.205	U,G	1.3	0.0416	U,G	0.361	0.018	U,G	1.28	0.0356	U,G	0.592	0.862	G	0.252
OA-18-25-SL	-0.638	U,G	1.93	0.111	U,G	0.38	-0.0645	U,G	1.55	0.362	U,G	0.614	1.03	G	0.396
OA-18-33-SL	-0.0626	U	1.11	-0.0304	U	0.371	-0.112	U	1.07	-0.0316	U	0.573	0.813		0.243
OA-19-05-SL	0.094	U	1.41	0.0982	U	0.335	0.48	U	1.43	-0.282	U	0.845	0.652		0.329
OA-19-15-SL	0.136	U,G	1.21	-0.064	U,G	0.426	-0.554	U,G	1.41	0.103	U,G	0.486	0.841	G	0.291
OA-19-25-SL	-0.288	U,G	1.6	0.0961	U,G	0.334	0.329	U,G	1.23	-0.176	U,G	0.73	1.35	G	0.407
OA-19-33-SL	-0.592	U	1.22	0.0415	U	0.346	-0.0603	U	1.11	-0.0671	U	0.609	0.438		0.186
PL-04-05-SL	0.71	U,G	1.14	0.166	U,G	0.476	-0.328	U,G	1.42	0.0877	U,G	0.742	0.853	G	0.387
PL-04-13-SL	-0.297	U,G	1.79	0.0593	U,G	0.37	0.528	U,G	1.36	-0.2	U,G	0.94	0.744	G	0.331
PL-04-23-SL	-0.667	U	1.51	-0.118	U	0.486	0.486	U	1.14	0.186	U	0.659	0.767		0.315
PL-04-31-SL	-0.364	U,G	1.3	0.144	U,G	0.362	0.507	U,G	0.832	-0.107	U,G	0.672	0.726	G	0.271
PL-05-05-SL	0.0695	U,G	1.04	0.151	U,G	0.447	-0.331	U,G	1.01	0.00334	U,G	0.591	0.946	G	0.328
PL-05-15-SL	-0.54	U	1.65	0.104	U	0.487	0.268	U	1	0.0177	U	0.526	1.09		0.363
PL-05-28-SL	0.0711	U,G	1.18	0.231	U,G	0.413	0.385	U,G	1.04	0.0513	U,G	0.475	1.02	G	0.274
PL-06-07-SL	-0.351	U,G	1.51	0.4	G,TI	0.334	-0.688	U,G	1.92	0.0396	U,G	0.66	1.06	G	0.283
PL-06-13-SL	0.475	U,G	0.857	0.0887	U,G	0.414	0.345	U,G	1.64	-0.198	U,G	0.745	1.09	G	0.257
PL-06-17-SL	0.719	U,G	0.775	0.201	U,G	0.418	-1.3	U,G	2.21	-0.151	U,G	0.698	0.734	G	0.334
PL-06-29-SL	-0.0294	U	1.04	0.0419	U	0.327	0.288	U	1.28	0.0346	U	0.55	0.459		0.176
PL-06-33-SL	0.811	TI	0.777	-0.0973	U	0.374	-0.138	U	1.51	-0.17	U	0.607	0.146	U	0.182
RR-04-07-SL	0.11	U,G	1.66	0.123	U,G	0.409	0.318	U,G	1.93	-0.0398	U,G	0.905	0.873	G	0.402
RR-04-15-SL	-0.36	U,G	1.14	0.0302	U,G	0.442	0	U,G	1.33	-0.117	U,G	0.734	1.03	G	0.315
RR-04-25-SL	-0.43	U,G	1.95	0.0956	U,G	0.347	-0.805	U,G	1.95	-0.338	U,G	1.07	0.809	G	0.385
RR-05-05-SL	0.346	U,G	1.43	0.131	U,G	0.527	-1.64	U,G	2.29	0.00704	U,G	0.775	1.11	G	0.389
RR-05-05-SL-FD	-0.471	U,G	2.05	0.144	U,G	0.398	-0.168	U,G	2.38	-0.104	U,G	0.979	1.28	G	0.356
RR-05-15-SL	0.43	U,G	1.14	0.0684	U,G	0.451	0.655	U,G	1.27	0.274	U,G	0.554	0.831	G	0.307
RR-05-25-SL	-0.696	U,G	1.77	-0.52	U,G	0.651	0.396	U,G	1.9	0.00745	U,G	0.819	0.816	G	0.424
SW-02-01-SL	0.25	U,G	1.51	0.339	U,G	0.742	-0.554	U,G	1.57	-0.306	U,G	0.745	2.33	G	0.339
SW-02-09-SL	-0.452	U,G	1.21	0.204	U,G	0.393	0.0434	U,G	1.33	-0.256	U,G	0.662	0.889	G	0.272
SW-02-15-SL	-0.633	U,G	1.91	0.0527	U,G	0.51	0.252	U,G	1.42	0.0904	U,G	0.829	1.18	G	0.327
SW-02-23-SL	-0.0121	U,G	1.19	0.191	U,G	0.366	-0.138	U,G	1.22	0.144	U,G	0.541	0.83	G	0.25
SW-05-08-SL	0.53	U,G	1.3	0.0499	U,G	0.503	-0.328	U,G	2.63	-0.0876	U,G	0.873	0.882	G	0.39
SW-05-12-SL	-0.373	U,G	1.47	0.043	U,G	0.391	-0.863	U,G	2.25	-0.216	U,G	0.785	0.799	G	0.302
SW-06-05-SL	0.0749	U,G	1.19	0.0344	U,G	0.499	1.04	U,G	1.97	-0.191	U,G	0.647	1.23	G	0.332
SW-06-05-SL-FD	-0.531	U,G	1.48	0.0757	U,G	0.393	-0.4	U,G	2.41	-0.127	U,G	0.738	1.07	G	0.313
SW-06-13-SL	0.209	U,G	1.37	-0.0907	U,G	0.364	-0.392	U,G	3.07	-0.103	U,G	0.966	0.866	G	0.374
SW-06-23-SL	0.0842	U,G	1.17	0.284	U,G	0.385	-0.886	U,G	2.08	0.176	U,G	0.743	1.22	G	0.255
SW-07-05-SL	-0.37	U,G	1.32	-0.208	U,G	0.463	0.962	U,G	1.36	0.121	U,G	0.568	0.805	G	0.334

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Europium-154			Europium-155			Iodine-131			Iron-59			Lead-212		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SW-07-15-SL	-0.894	U,G	2.1	0.0174	U,G	0.409	-0.604	U,G	3.04	0.404	U,G	0.777	0.882	G	0.413
SW-07-23-SL	0.21	U,G	1.32	0.0172	U,G	0.42	-0.217	U,G	2.01	0.0438	U,G	0.697	1.16	G	0.27
SW-08-03-SL	0	U,G	1.7	0.0545	U,G	0.34	-0.217	U,G	1.6	-0.197	U,G	0.849	0.744	G	0.342
SW-08-05-SL	-0.586	U,G	1.82	0.175	U,G	0.487	0.0722	U,G	1.74	0.0239	U,G	0.563	0.773	G	0.384
SW-08-15-SL	0	U,G	1.8	0.0227	U,G	0.425	0.177	U,G	2.08	-0.225	U,G	0.997	1	G	0.376
SW-08-25-SL	-0.0631	U	0.947	0.0434	U	0.243	0.353	U	1	0.251	U	0.37	0.103	U	0.232

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Lead-214			Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-13-09-SL	0.606	G,J	0.397	-0.0505	U,G	0.232				-3.29	U,G	20.8	0.0234	U,G	0.192
BD-13-15-SL	1.01	G,J	0.405	-0.143	U,G	0.278				-9.11	U,G	22.1	0.043	U,G	0.203
BD-13-23-SL	0.771	G,J	0.373	0.124	U,G	0.197				-0.0764	U,G	0.312	0.034	U,G	0.188
BD-13-30-SL	0.6	G,J	0.327	-0.021	U,G	0.206				-0.0254	U,G	0.284	0.0404	U,G	0.219
BD-14-05-SL	0.966	G,J	0.485	-0.132	U,G	0.312				-0.201	U,G	0.385	-0.0569	U,G	0.254
BD-14-13-SL	0.66	G,J	0.372	0	U,G	0.249				0.0943	U,G	0.187	0.0248	U,G	0.19
BD-14-25-SL	0.76	J	0.47	0.102	U	0.231				-1.87	U	22.9	0.0536	U	0.258
BD-14-31-SL	0.404	J	0.319	-0.0329	U	0.222				-0.0319	U	0.318	-0.0418	U	0.242
BD-15-05-SL	0.871	G,J	0.407	0.0114	U,G	0.172				-0.0118	U,G	0.259	-0.045	U,G	0.223
BD-15-17-SL	0.932	G,J	0.523	0.0209	U,G	0.322				-0.203	U,G	0.52	0.0374	U,G	0.331
BD-15-25-SL	0.673	J	0.336	-0.0494	U	0.179				-0.0818	U	0.218	-0.0149	U	0.189
BD-15-31-SL	0.725	G,J	0.486	-0.0205	U,G	0.255				0.315	G,TI	0.295	0.0691	U,G	0.255
BD-16-05-SL	0.878	G,J	0.417	0.0298	U,G	0.246	0.0113	U	0.0209	-0.0916	U,G	0.44	-0.0612	U,G	0.276
BD-16-15-SL	0.796	G,J	0.344	0.0242	U,G	0.251				0	U,G	0.286	-0.0362	U,G	0.239
BD-16-19-SL	0.866	G,J	0.433	0.0417	U,G	0.228				-3.04	U,G	24.4	0.0479	U,G	0.245
BD-16-25-SL	1.05	G,J	0.495	0.0368	U,G	0.3				0.0299	U,G	0.4	-0.0869	U,G	0.328
BD-16-34-SL	1.12	G,J	0.322	0.025	U,G	0.227				-0.0256	U,G	0.308	0.029	U,G	0.217
BLD240-01-01	0.99		0.36	0.04	U	0.21	0.00219	U	0.0039	0.8	U	16.7	-0.044	U	0.193
BLD240-01-09	1.03		0.39	-0.11	U	0.23				-2	U	21	0.01	U	0.19
BLD240-01-09FD	0.85		0.37	0.062	U	0.15				-3.9	U	17.6	-0.01	U	0.2
BLD240-01-31							0.00074	U	0.0049						
BLD240-03-04	1.29		0.42	-0.03	U	0.25	0.00507	LT	0.0043	1	U	25	0.06	U	0.19
BLD240-03-04FD	0.92		0.34	-0.04	U	0.21				3	U	21	-0.08	U	0.23
BLD240-03-14							0.00034	U	0.0042						
BLD240-03-19	1		0.41	0.04	U	0.23				8	U	27	-0.04	U	0.27
BLD240-04-02	0.63		0.29	-0.01	U	0.23	0.00138	U	0.006	3.5	U	17.3	0.056	U	0.162
BLD240-04-04	0.73		0.36	0	U	0.24				5.3	U	16.7	0.072	U	0.144
BLD240-04-33							0.00244	U	0.0049						
BLD240-05-01	0.89		0.42	-0.11	U	0.24				2	U	22	0.06	U	0.19
BLD240-05-02	1.07		0.45	-0.051	U	0.208				-13	U	24	-0.05	U	0.26
BLD253-02-01	0.89		0.31	-0.021	U	0.173				3	U	20	0.029	U	0.147
BLD253-02-04	1		0.41	0.02	U	0.21	0.00772	LT	0.0051	-30	U	57	0.03	U	0.19
BLD253-02-21FD	0.97		0.37	0.03	U	0.19				4	U	25	0.083	U	0.132
BLD253-02-21							0	U	0.0048						
BLD255-05-01							0.00552	LT	0.0045						
BLD255-05-23							0.00134	U	0.0072						
BLD255-07-02	0.92		0.35	-0.042	U	0.178	0.00176	U	0.0032	1	U	18	-0.096	U	0.191
BLD255-07-15	0.91		0.39	-0.13	U	0.26				6	U	22	0.05	U	0.22
BLD255-07-33							0.00197	U	0.0029						
BLD255-08-01	0.72		0.3	0.044	U	0.172	0.0192		0.0053	26	U	45	-0.018	U	0.168
BLD255-08-08	0.95		0.38	0.09	U	0.22	0.00357	U	0.0047	6	U	21	0.05	U	0.23
BLD260-06-01	1.04		0.34	-0.04	U	0.22	0.00197	U	0.0046	4	U	29	-0.098	U	0.205
BLD260-06-03	1.21		0.51	0.04	U	0.23				13	U	21	0.09	U	0.19

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Lead-214			Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BLD260-06-31							0.00123	U	0.0058						
BP-13-05-SL	1.01	G,J	0.371	0.0246	U,G	0.195				-0.0627	U,G	0.332	0.07	U,G	0.218
BP-13-11-SL	0.911	G,J	0.377	0.023	U,G	0.2				-0.716	U,G	21.5	0.055	U,G	0.199
BP-13-15-SL	0.69	G,J	0.375	0.103	U,G	0.217				-0.0373	U,G	0.343	-0.0204	U,G	0.264
BP-13-25-SL	0.946	G,J	0.368	-0.0721	U,G	0.312				0.0425	U,G	0.355	0.0624	U,G	0.314
BP-13-35-SL	0.773	G,J	0.338	0.0219	U,G	0.191				-4.33	U,G	20.6	-0.0199	U,G	0.189
BP-17-05-SL	0.641	G,J	0.396	0.0801	U,G	0.24				-0.829	U,G	26	0.0684	U,G	0.252
BP-17-15-SL	0.867	J	0.342	0.0216	U	0.18				0.022	U	0.183	0.0258	U	0.191
BP-17-23-SL	0.891	G,J	0.338	0	U,G	0.23				-9.08	U,G	20.2	0.0659	U,G	0.196
BP-17-31-SL	0.947	G,J	0.39	0.0259	U,G	0.215				-7.89	U,G	25.9	0.0484	U,G	0.261
BP-18-05-SL	0.586	G,J	0.352	-0.157	U,G	0.272				0.0141	U,G	0.402	0.0506	U,G	0.248
BP-18-15-SL	1.12	G,J	0.433	0.0956	U,G	0.214				-0.0425	U,G	0.454	0.129	U,G	0.245
BP-18-25-SL	0.979	G,J	0.522	-0.106	U,G	0.29				-2.38	U,G	25.5	0.014	U,G	0.28
BP-18-31-SL	0.297	J	0.256	0.0881	U	0.155				-4.27	U	14.3	0	U	0.133
BP-19-05-SL	0.865	J	0.293	-0.04	U	0.195				0.0515	U	0.231	0.0549	U	0.166
BP-19-13-SL	0.699	J	0.404	-0.0175	U	0.229				-4.4	U	22.3	-0.0332	U	0.26
BP-19-25-SL	1	G,J	0.344	0.089	U,G	0.157				-0.0343	U,G	0.269	0.0703	U,G	0.184
BP-19-29-SL	0.828	J	0.452	-0.0961	U	0.274				-0.0356	U	0.327	0.00449	U	0.252
BP-20-03-SL	1.03	J	0.469	0.111	U	0.203				-4.9	U	22.5	0.0177	U	0.241
BP-20-19-SL	0.732	G,J	0.49	0.147	U,G	0.18				-0.0791	U,G	0.366	-0.00527	U,G	0.233
BP-20-27-SL	0.548	J	0.283	0.0908	U	0.142				-0.0726	U	0.249	-0.00755	U	0.142
BP-21-07-SL	0.848	G,J	0.396	0.0905	U,G	0.224				-7.71	U,G	21.4	0.0652	U,G	0.223
BP-21-07-SL-FD	0.991	J	0.432	0.0257	U	0.226				-2.01	U	24.1	0.00592	U	0.211
BP-21-13-SL	0.881	J	0.292	-0.0106	U	0.2				-3.31	U	18.2	-0.0503	U	0.206
BP-21-24-SL	0.902	G,J	0.412	0	U,G	0.257				0.0359	U,G	0.364	-0.0113	U,G	0.209
BP-21-34-SL	0.571	J	0.306	-0.00094	U	0.194				-0.0471	U	0.3	0.0923	U	0.189
BP-22-05-SL	0.697	G,J	0.312	-0.0689	U,G	0.245				-7.77	U,G	20.4	-0.0315	U,G	0.195
BP-22-13-SL	0.728	G,J	0.414	0.00696	U,G	0.259				-3.38	U,G	23.1	0.0517	U,G	0.238
BP-22-23-SL	0.843	J	0.357	-0.0717	U	0.23				-0.146	U	16.6	0.0519	U	0.144
BP-22-33-SL	0.268	J	0.264	0.00906	U	0.182				-3.15	U	18.8	0	U	0.182
CB-02-05-SL	0.901	G,J	0.444	0.0171	U,G	0.229				0.0264	U,G	0.281	0.00127	U,G	0.228
CB-02-05-SL-FD	1.02	G,J	0.452	-0.0868	U,G	0.315	-0.0102	U	0.0353	-5.2	U,G	28.6	0.0897	U,G	0.23
CB-02-15-SL	0.886	G,J	0.407	0.0265	U,G	0.212				-0.0391	U,G	0.3	0.073	U,G	0.153
CB-02-25-SL	0.748	G,J	0.426	-0.0305	U,G	0.29				-0.0135	U,G	0.352	0.0509	U,G	0.225
DM-02-05-SL	0.777	J	0.483	0.00564	U	0.16	0.0215	U	0.0354	-0.103	U	0.366	-0.0173	U	0.235
DM-02-17-SL	1.07	G,J	0.385	-0.0254	U,G	0.212				-0.13	U,G	0.361	0.0294	U,G	0.22
DM-02-22-SL	0.743	J	0.385	-0.0842	U	0.283				-26.3	U	70.6	-0.0599	U	0.275
DM-02-33-SL	0.732	J	0.291	0	U	0.209	0.0059	U	0.0182	-10.8	U	40.6	0.0112	U	0.2
DM-03-05-SL	0.699	G,J	0.42	-0.0704	U,G	0.236				-0.0239	U,G	0.305	-0.028	U,G	0.217
DM-03-05-SL-FD	0.912	G,J	0.46	0.133	U,G	0.244				-10.5	U,G	27.6	0.0671	U,G	0.265
DM-03-13-SL	0.838	G,J	0.313	0.0336	U,G	0.218				0.0342	U,G	0.23	0.0369	U,G	0.202
DM-03-25-SL	0.947	G,J	0.402	0.0149	U,G	0.259				-0.0832	U,G	0.411	0.00847	U,G	0.265
DM-03-34-SL	0.842	G,J	0.3	0.0228	U,G	0.181				0.0814	U,G	0.202	0.00658	U,G	0.192

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Lead-214			Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
EP-13-03-SL	1.36	J	0.317	-0.0291	UJ	0.241				-3.56	UJ	36.1	0.00632	UJ	0.198
EP-13-13-SL	1.14	J	0.391	0.0487	UJ	0.262				0.109	UJ	0.364	0.0275	UJ	0.235
EP-13-25-SL	0.945	J	0.383	0.0267	UJ	0.214				-0.244	UJ	20.8	0.0784	UJ	0.19
EP-13-30-SL	0.714	J	0.413	-0.101	UJ	0.258				0.0689	UJ	0.238	-0.0139	UJ	0.18
EP-14-05-SL	0.885	J	0.402	-0.144	UJ	0.325				-17.8	UJ	30.8	-0.0358	UJ	0.295
EP-14-13-SL	0.98	J	0.357	0.0265	UJ	0.212				0.0391	UJ	0.262	-0.00629	UJ	0.212
EP-14-25-SL	0.958	J	0.398	-0.0622	UJ	0.241				-0.114	UJ	0.351	-0.0801	UJ	0.268
EP-14-31-SL	0.772	J	0.336	-0.0579	UJ	0.218				-4.2	UJ	17.1	0.0153	UJ	0.19
EP-15-05-SL	1.09	G,J	0.426	-0.00674	U,G	0.286				6.17	U,G	20	-0.00111	U,G	0.285
EP-15-13-SL	0.992	G,J	0.456	-0.0712	U,G	0.286				0.244	U,G	24.1	-0.026	U,G	0.295
EP-15-25-SL	0.58	J	0.372	-0.0813	U	0.221				-3.91	U	19.2	0.112	U	0.178
EP-15-29-SL	0.678	J	0.324	0.016	U	0.242				-1.81	U	21.2	0.0376	U	0.198
EP-16-05-SL	0.941	G,J	0.321	-0.037	U,G	0.248				-9.71	U,G	22	0.0295	U,G	0.218
EP-16-15-SL	1.03	G,J	0.358	-0.0305	U,G	0.206				0.0487	U,G	0.273	0.0365	U,G	0.223
EP-16-27-SL	0.322	J	0.302	-0.0134	U	0.127				-3.38	U	14.7	-0.003	U	0.156
EP-17-05-SL	1.15	G,J	0.533	0.0546	U,G	0.3	0.0122	U	0.0174	7.38	U,G	24.5	-0.0781	U,G	0.292
EP-17-15-SL	1.2	G,J	0.407	-0.0697	U,G	0.28				0.239	U,G	23	-0.0106	U,G	0.266
EP-17-25-SL	0.873	G,J	0.526	0.0526	U,G	0.283				-1.75	U,G	26.4	-0.00923	U,G	0.311
EP-17-30-SL	0.438	J	0.335	0.0152	U	0.23				-8.81	U	18.4	0.0264	U	0.189
EP-18-09-SL	0.748	J	0.353	0.0323	UJ	0.267	-0.00284	U	0.0225	-18.9	UJ	42.5	-0.00733	UJ	0.298
EP-18-09-SL-FD	0.921	J	0.386	-0.058	UJ	0.237				-0.0754	UJ	0.257	0.0486	UJ	0.188
EP-18-15-SL	1.02	J	0.375	-0.024	UJ	0.256				0.135	UJ	0.255	0.0586	UJ	0.155
EP-18-29-SL	1.14	J	0.519	0.0134	UJ	0.25				0.0871	UJ	0.386	-0.00859	UJ	0.289
EP-19-05-SL	0.67	J	0.393	0.0185	UJ	0.215				-7.86	UJ	30.7	0.0847	UJ	0.19
EP-19-13-SL	0.912	J	0.391	-0.0123	UJ	0.24	0.0014	U	0.0221	-15.2	UJ	35	0.0132	UJ	0.185
EP-19-25-SL	0.937	J	0.364	0.0602	UJ	0.25				-2.42	UJ	18.9	0.0368	UJ	0.203
EP-19-31-SL	0.748	J	0.379	-0.0121	UJ	0.246				-1.7	UJ	20.3	0.0771	UJ	0.188
EP-20-05-SL	0.937	G,J	0.402	0.0452	U,G	0.223				-0.0794	U,G	0.272	-0.0466	U,G	0.212
EP-20-15-SL	1.09	G,J	0.414	-0.0405	U,G	0.314				-5.95	U,G	24.3	-0.0998	U,G	0.339
EP-20-25-SL	0.97	G,J	0.375	-0.0458	U,G	0.227				0.107	U,G	0.237	0.017	U,G	0.194
LF-06-05-SL	0.805	G,J	0.347	-0.0129	U,G	0.275	0.00412	U	0.0328	0.159	U,G	0.25	0.0868	U,G	0.182
LF-06-13-SL	0.818	G,J	0.422	0.0316	U,G	0.242				-4.38	U,G	19.9	0.00849	U,G	0.2
LF-06-27-SL	0.748	G,J	0.393	0.00637	U,G	0.22				-2.68	U,G	20.5	0.101	U,G	0.181
LF-06-32-SL	0.287	U,G,J	0.349	-0.0983	U,G	0.203				-4.64	U,G	17	0.0709	U,G	0.17
LF--07-09-SL	1.06	G,J	0.354	-0.051	U,G	0.272				-5.25	U,G	21.1	-0.0318	U,G	0.232
LF-07-15-SL	1	G,J	0.366	0.108	U,G	0.24				0.135	U,G	0.231	-0.00297	U,G	0.202
LF-07-25-SL	0.697	G,J	0.46	-0.0125	U,G	0.251				-0.414	U,G	23.9	0.0521	U,G	0.242
LF-07-34-SL	0.577	G,J	0.387	0.0277	U,G	0.23				0.212	U,G	0.306	-0.0167	U,G	0.251
LF-08-05-SL	1.16	G,J	0.45	0.00169	U,G	0.286				0.0192	U,G	0.399	0.136	U,G	0.248
LF-08-05-SL-FD	0.758	G,J	0.355	-0.0344	U,G	0.191				-0.0235	U,G	0.288	-0.0057	U,G	0.179
LF-08-15-SL	1.16	G,J	0.387	0.0691	U,G	0.177				-0.0774	U,G	0.341	-0.0511	U,G	0.236
LF-08-21-SL	0.947	G,J	0.483	0.091	U,G	0.293				-1.24	U,G	24.2	0.00471	U,G	0.267
LF-08-37-SL	0.709	G,J	0.488	0.0565	U,G	0.208				-12.9	U,G	22.9	-0.0691	U,G	0.252

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Lead-214			Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
LF-09-03-SL	0.818	G,J	0.424	0.00533	U,G	0.251				0.173	U,G	0.3	0.0977	U,G	0.21
LF-09-17-SL	1.04	G,J	0.375	-0.0203	U,G	0.287				-4.25	U,G	25.4	-0.0944	U,G	0.306
LF-09-25-SL	0.946	G,J	0.462	0.00514	U,G	0.242				0.0836	U,G	0.32	-0.00807	U,G	0.234
LF-09-31-SL	0.316	U,G,J	0.353	0.0344	U,G	0.2				-0.101	U,G	0.309	-0.0916	U,G	0.258
NB-28-04-SL	1.07	G,J	0.383	0.121	U,G	0.177				0.0136	U,G	0.265	-0.0351	U,G	0.23
NB-28-14-SL	0.756	G,J	0.379	0.0827	U,G	0.27				0.0344	U,G	0.385	0.0284	U,G	0.216
NB-28-24-SL	0.525	G,J	0.352	-0.0828	U,G	0.218				-2.8	U,G	18.4	-0.0317	U,G	0.206
NB-28-35-SL	0.395	G,J	0.326	-0.022	U,G	0.202				-0.0747	U,G	0.224	-0.0361	U,G	0.181
NB-29-05-SL	0.867	G,J	0.371	-0.0155	U,G	0.292				0.0743	U,G	0.379	-0.111	U,G	0.32
NB-29-14-SL	0.198	U,G,J	0.318	0.0187	U,G	0.19				0.0111	U,G	0.23	0.0148	U,G	0.169
NB-29-22-SL	0.232	UJ	0.238	0.0806	U	0.0935				-1.52	U	13.4	-0.0577	U	0.181
NB-30-05-SL	0.982	G,J	0.439	-0.00707	U,G	0.3				0.0294	U,G	0.337	-0.0751	U,G	0.319
NB-30-15-SL	0.875	G,J	0.451	-0.0374	U,G	0.266				-0.476	U,G	25.1	-0.0429	U,G	0.27
NB-30-25-SL	0.825	G,J	0.476	0.0358	U,G	0.289				0.108	U,G	0.381	-0.0297	U,G	0.251
NB-30-33-SL	0.532	G,J	0.333	-0.0448	U,G	0.246				-0.038	U,G	0.298	0.0365	U,G	0.217
NB-31-05-SL	0.863	G,J	0.438	0.202	G,TI	0.159				-0.164	U,G	0.459	-0.0037	U,G	0.278
NB-31-15-SL	0.93	G,J	0.356	0.0357	U,G	0.196				0.0374	U,G	0.287	0.0952	U,G	0.173
NB-31-27-SL	1.09	G,J	0.398	0.0161	U,G	0.253				-3.38	U,G	24.6	0.0268	U,G	0.236
NB-31-32-SL	0.903	G,J	0.366	-0.0302	U,G	0.27				-5.82	U,G	24.1	0.0212	U,G	0.255
NB-32-05-SL	0.898	G,J	0.607	0.0977	U,G	0.251				-0.052	U,G	0.474	-0.152	U,G	0.318
NB-32-15-SL	1.07	G,J	0.412	-0.0457	U,G	0.288				0.0106	U,G	0.355	-0.0352	U,G	0.348
NB-32-27-SL	0.746	G,J	0.324	0.0713	U,G	0.198				-3.18	U,G	18.9	-0.0974	U,G	0.221
NB-32-33-SL	0.554	G,J	0.385	0.042	U,G	0.219				-0.429	U,G	20.2	-0.0462	U,G	0.268
NB-33-05-SL	0.967	G,J	0.356	-0.0612	U,G	0.254				-0.0627	U,G	0.301	-0.0446	U,G	0.202
NB-33-15-SL	1.02	G,J	0.405	0.0973	U,G	0.257				-0.0348	U,G	0.41	0.0625	U,G	0.264
NB-33-27-SL	0.501	J	0.317	0.104	U	0.125				0.0641	U	0.178	-0.00432	U	0.167
NB-34-05-SL	1.16	G,J	0.541	-0.00833	U,G	0.323				-0.143	U,G	0.451	0.0136	U,G	0.233
NB-34-15-SL	1.06	G,J	0.4	-0.0849	U,G	0.272				-0.137	U,G	0.292	0.01	U,G	0.22
NB-34-25-SL	0.514	J	0.385	0.0634	U	0.19				0.0394	U	0.273	0.104	U	0.156
NB-35-01-SL	0.848	G,J	0.328	-0.108	U,G	0.309				0	U,G	0.335	-0.0779	U,G	0.294
NB-35-15-SL	1.07	G,J	0.294	0.0125	U,G	0.233				0.353	G,TI	0.238	0.0581	U,G	0.263
NB-35-25-SL	0.888	G,J	0.417	-0.0775	U,G	0.211				-0.202	U,G	0.339	-0.011	U,G	0.231
NB-36-05-SL	0.892	G,J	0.382	0.0348	U,G	0.191				-8.61	U,G	20.8	0.0509	U,G	0.133
NB-36-15-SL	0.896	G,J	0.369	-0.0448	U,G	0.262				-0.0504	U,G	0.395	0.043	U,G	0.268
NB-36-27-SL	0.971	J	0.382	-0.0601	U	0.245				-17.3	U	26.3	0.00155	U	0.278
NB-37-05-SL	0.962	G,J	0.422	-0.029	U,G	0.293				-0.452	U,G	22.3	-0.104	U,G	0.308
NB-37-15-SL	1.31	G,J	0.458	-0.0809	U,G	0.326				-4.21	U,G	23.9	-0.0591	U,G	0.269
NB-37-25-SL	0.927	G,J	0.416	0.133	U,G	0.22				0.162	U,G	0.234	0.0338	U,G	0.226
NB-38-09-SL	0.842	G,J	0.344	-0.00824	U,G	0.204				-0.0492	U,G	0.252	-0.0354	U,G	0.198
NB-38-15-SL	0.756	J	0.358	0.0933	U	0.186				-6.16	U	18.1	-0.0728	U	0.2
NB-38-25-SL	0.818	J	0.375	0.115	U	0.203				-3	U	18.7	-0.0145	U	0.18
NB-39-05-SL	1.01	G,J	0.454	0.0672	U,G	0.239				-0.509	U,G	25.2	0.00555	U,G	0.245
NB-39-15-SL	1.05	G,J	0.29	0.1	U,G	0.21				-4.11	U,G	20.2	0.0229	U,G	0.178

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Lead-214			Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-39-25-SL	0.758	G,J	0.446	0.0031	U,G	0.273				-0.148	U,G	0.365	0.0648	U,G	0.283
NB-39-30-SL	0.657	G,J	0.39	0.0117	U,G	0.219				-12.7	U,G	24.4	0.0222	U,G	0.258
NB-40-05-SL	0.782	G,J	0.43	0.0282	U,G	0.233				6.03	U,G	20.2	0.0255	U,G	0.218
NB-40-05-SL-FD	0.652	J	0.329	-0.0381	U	0.205				-8.69	U	19.1	0.00207	U	0.191
NB-40-17-SL	0.959	G,J	0.374	0.0666	U,G	0.245				-1.21	U,G	23	0.0733	U,G	0.205
NB-40-25-SL	0.548	J	0.272	0.0943	U	0.206				3.34	U	16.7	0.00988	U	0.203
NB-40-31-SL	0.21	UJ	0.306	0.0127	U	0.171				13.4	U	13.6	0.0522	U	0.153
NB-41-05-SL	0.582	J	0.421	0.062	U	0.234				-0.441	U	22	0.0327	U	0.218
NB-41-13-SL	0.264	UJ	0.321	0.022	U	0.182				-0.0297	U	0.273	-0.0375	U	0.217
NB-41-19-SL	0.584	G,J	0.357	0.147	U,G	0.193				-8.81	U,G	19.7	0.0797	U,G	0.175
NB-42-05-SL	0.717	G,J	0.349	-0.0196	U,G	0.21				-0.0373	U,G	0.305	-0.0348	U,G	0.202
NB-42-13-SL	0.507	J	0.341	0.0215	U	0.178				-0.0607	U	0.307	0.105	U	0.214
NB-42-23-SL	0.304	UJ	0.312	-0.0181	U	0.177				-1.24	U	14.4	-0.0566	U	0.172
NB-43-05-SL	0.799	G,J	0.374	0.0432	U,G	0.173				-2.45	U,G	18.6	0.0231	U,G	0.188
NB-43-13-SL	0.342	J	0.317	0.0121	U	0.198				-3.91	U	17	-0.0695	U	0.22
NB-44-05-SL	0.339	UJ	0.358	-0.0211	U	0.149				0.0938	U	0.246	0.031	U	0.193
NB-44-05-SL-FD	0.327	U,G,J	0.362	0.0634	U,G	0.171	0.00148	U	0.0234	-6.71	U,G	16.8	0.0395	U,G	0.167
NB-44-11-SL	0.382	J	0.247	-0.06	U	0.171				0	U	0.219	0.0435	U	0.142
NB-44-18-SL	0.404	J	0.293	0.0193	U	0.174				-2.78	U	16.7	-0.109	U	0.241
NB-45-05-SL	0.808	G,J	0.512	0.0883	U,G	0.288				-0.0371	U,G	0.494	-0.133	U,G	0.35
NB-45-05-SL-FD	0.892	G,J	0.474	0.136	U,G	0.236				-6.9	U,G	25.9	-0.133	U,G	0.344
NB-45-13-SL	0.846	G,J	0.469	0.191	G,TI	0.189				-1.63	U,G	23.6	-0.0375	U,G	0.297
NB-45-25-SL	0.863	G,J	0.354	-0.102	U,G	0.311				-2.58	U,G	27.3	-0.0396	U,G	0.313
NB-45-33-SL	0.504	J	0.311	0.0556	U	0.174				-3.56	U	15.8	0.0182	U	0.181
NB-46-09-SL	0.727	J	0.377	0.0265	U	0.219				-10.7	U	22.5	-0.134	U	0.284
NB-46-17-SL	0.654	G,J	0.348	0.0106	U,G	0.187				-0.0448	U,G	0.22	-0.0501	U,G	0.192
NB-46-25-SL	0.813	G,J	0.339	-0.0311	U,G	0.264				-2.23	U,G	24.6	0.0628	U,G	0.252
NB-46-29-SL	0.862	G,J	0.383	0	U,G	0.164				-0.0223	U,G	0.25	-0.0982	U,G	0.202
NB-47-05-SL	0.96	J	0.344	0.0318	U	0.173				0.0799	U	0.237	0.0276	U	0.198
NB-47-15-SL	1.1	G,J	0.382	0.0245	U,G	0.213				-8.32	U,G	21.4	-0.109	U,G	0.272
NB-47-25-SL	1.27	G,J	0.402	-0.0161	U,G	0.303				0.0978	U,G	0.385	0.00545	U,G	0.306
NB-47-31-SL	0.747	G,J	0.403	-0.0559	U,G	0.229				-0.0524	U,G	0.301	0.048	U,G	0.19
NB-48-05-SL	0.706	G,J	0.356	0.0364	U,G	0.216				0.0375	U,G	0.358	-0.004	U,G	0.272
NB-48-11-SL	1.09	G,J	0.307	-0.0694	U,G	0.233				-2.91	U,G	19.6	0.0704	U,G	0.179
NB-48-15-SL	1.29	G,J	0.436	-0.0344	U,G	0.256				-0.214	U,G	0.423	-0.159	U,G	0.362
NB-48-25-SL	1.12	G,J	0.4	-0.0387	U,G	0.227				-3.34	U,G	20	-0.0497	U,G	0.23
NB-48-35-SL	0.794	G,J	0.392	-0.054	U,G	0.265				0	U,G	0.309	-0.0363	U,G	0.229
NB-49-05-SL	0.841	G,J	0.436	0.0561	U,G	0.253				0.0852	U,G	0.348	-0.0909	U,G	0.285
NB-49-05-SL-FD	0.866	G,J	0.432	0.0795	U,G	0.253				-7.04	U,G	22.7	0.149	U,G	0.201
NB-49-15-SL	1.15	G,J	0.448	0.0258	U,G	0.231				-0.743	U,G	23.4	-0.0835	U,G	0.309
NB-49-25-SL	0.977	G,J	0.439	0.0126	U,G	0.246				-6.31	U,G	21	0	U,G	0.228
NB-49-37-SL	0.478	G,J	0.406	-0.0985	U,G	0.32				-1.51	U,G	18.1	0.0415	U,G	0.194
NB-50-05-SL	0.917	G,J	0.442	0.116	U,G	0.228				0.0132	U,G	0.312	0.0276	U,G	0.288

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Lead-214			Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-50-15-SL	1.17	G,J	0.424	0.0613	U,G	0.222				-0.0625	U,G	0.352	-0.00707	U,G	0.184
NB-50-25-SL	0.779	G,J	0.386	0.0147	U,G	0.255				0.0396	U,G	0.364	-0.0684	U,G	0.316
NB-50-37-SL	0.479	J	0.307	-0.0938	U	0.196				0.0814	U	0.261	0.0236	U	0.176
NB-51-05-SL	0.706	G,J	0.386	0.024	U,G	0.194				-3.81	U,G	19.2	-0.0356	U,G	0.206
NB-51-13-SL	0.815	G,J	0.401	-0.00662	U,G	0.281				-0.109	U,G	0.367	0.035	U,G	0.262
NB-51-25-SL	1.06	G,J	0.401	0.116	U,G	0.234				0.0131	U,G	0.309	-0.0594	U,G	0.252
NB-51-37-SL	1.01	G,J	0.336	0.0223	U,G	0.183				-0.076	U,G	0.247	-0.0159	U,G	0.206
NB-52-05-SL	0.872	G,J	0.387	0.0833	U,G	0.265				0.129	U,G	0.356	-0.0817	U,G	0.311
NB-52-13-SL	0.679	G,J	0.468	-0.00879	U,G	0.266				0.0819	U,G	0.328	0.0535	U,G	0.211
NB-52-25-SL	0.989	G,J	0.358	0.013	U,G	0.206				0	U,G	0.319	0.0172	U,G	0.214
NB-52-35-SL	0.753	G,J	0.436	0.0982	U,G	0.267				-0.0874	U,G	0.424	-0.0251	U,G	0.3
NB-53-05-SL	0.82	G,J	0.369	0.0487	U,G	0.206				0.0857	U,G	0.268	0.0603	U,G	0.199
NB-53-13-SL	0.887	G,J	0.34	-0.0684	U,G	0.222				-0.0466	U,G	0.274	-0.0508	U,G	0.187
NB-53-23-SL	0.729	G,J	0.413	-0.0668	U,G	0.29				0.00831	U,G	0.444	0.0909	U,G	0.284
NB-53-33-SL	0.802	G,J	0.312	0.045	U,G	0.178				0.0229	U,G	0.257	-0.0454	U,G	0.208
NB-54-05-SL	0.82	G,J	0.377	0.00419	U,G	0.254				-7.11	U,G	26.1	-0.0625	U,G	0.261
NB-54-13-SL	0.736	G,J	0.478	-0.0298	U,G	0.227				-4.65	U,G	25.9	-0.0944	U,G	0.304
NB-54-25-SL	0.784	G,J	0.446	-0.0903	U,G	0.318				0.112	U,G	0.397	-0.00335	U,G	0.252
NB-54-31-SL	0.231	UJ	0.25	-0.0754	U	0.175				-1.6	U	14.8	0.0181	U	0.184
NB-55-05-SL	0.66	G,J	0.519	0.0193	U,G	0.283				-3.1	U,G	24.6	0.115	U,G	0.246
NB-55-13-SL	0.845	G,J	0.37	0.0708	U,G	0.275				-0.131	U,G	0.38	0.111	U,G	0.224
NB-55-25-SL	0.786	G,J	0.344	0.12	U,G	0.219				-5.26	U,G	20.9	-0.00477	U,G	0.249
NB-55-33-SL	0.262	UJ	0.306	0.0484	U	0.169				-2.21	U	15.8	0.0057	U	0.169
NB-56-05-SL	0.656	J	0.381	0	U	0.213				-5.89	U	17.6	-0.0357	U	0.187
NB-56-13-SL	0.875	G,J	0.406	-0.0887	U,G	0.314				-6.51	U,G	26.1	-0.0689	U,G	0.234
NB-56-25-SL	0.841	G,J	0.399	-0.0492	U,G	0.262				-0.0376	U,G	0.302	0.0152	U,G	0.196
NB-56-33-SL	0.476	J	0.286	-0.0861	U	0.2				-0.045	U	0.258	-0.0414	U	0.204
NB-57-05-SL	0.867	G,J	0.397	0.0627	U,G	0.214				-9.54	U,G	26.2	0.0763	U,G	0.263
NB-57-05-SL-FD	0.671	G,J	0.375	-0.0302	U,G	0.272				0	U,G	0.359	-0.0849	U,G	0.271
NB-57-15-SL	0.945	G,J	0.362	0.078	U,G	0.245				0	U,G	0.342	0.0145	U,G	0.235
NB-57-29-SL	0.956	G,J	0.273	0.0225	U,G	0.204				0.138	U,G	0.231	0.115	U,G	0.175
NB-57-34-SL	0.766	G,J	0.477	0	U,G	0.218				-1.37	U,G	22.9	0.128	U,G	0.218
NB-58-05-SL	0.756	G,J	0.319	-0.0117	U,G	0.212				0.0119	U,G	0.286	-0.0974	U,G	0.249
NB-58-15-SL	0.84	G,J	0.489	0.0192	U,G	0.28				-3.81	U,G	26.3	0.0235	U,G	0.274
NB-58-29-SL	0.97	G,J	0.349	-0.0246	U,G	0.248				-1.47	U,G	20	0.0559	U,G	0.197
NB-58-36-SL	0.704	G,J	0.434	0.024	U,G	0.214				-5.41	U,G	22.4	0.0387	U,G	0.192
NB-59-05-SL	0.955	G,J	0.355	0.0463	U,G	0.202				-0.0236	U,G	0.265	-0.0287	U,G	0.21
NB-59-13-SL	0.632	G,J	0.362	0.0392	U,G	0.235				-11.5	U,G	26.8	0.0158	U,G	0.232
NB-59-25-SL	0.828	G,J	0.325	0.0112	U,G	0.211				-2.5	U,G	18.4	-0.0443	U,G	0.211
NB-59-31-SL	0.556	G,J	0.401	-0.0187	U,G	0.232				-1.5	U,G	20.8	-0.046	U,G	0.267
NB-60-05-SL	0.984	G,J	0.413	0.0494	U,G	0.185				0.0382	U,G	0.256	0	U,G	0.226
NB-60-13-SL	0.73	G,J	0.361	0.0336	U,G	0.276				0.0606	U,G	0.398	0.107	U,G	0.205
NB-60-23-SL	0.866	G,J	0.386	0.00044	U,G	0.229				-0.0119	U,G	0.246	-0.0204	U,G	0.203

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Lead-214			Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-60-31-SL	0.468	G,J	0.438	0.00842	U,G	0.208				-10.6	U,G	24	-0.0728	U,G	0.26
NB-61-05-SL	0.779	G,J	0.324	0.179	G,TI	0.143				-4.25	U,G	25.6	-0.0125	U,G	0.272
NB-61-13-SL	0.772	G,J	0.413	0.147	U,G	0.248				0.144	U,G	0.269	-0.0206	U,G	0.278
NB-61-23-SL	0.8	G,J	0.348	-0.0431	U,G	0.249				-7.5	U,G	25	-0.013	U,G	0.207
NB-61-28-SL	0.414	J	0.302	0.0103	U	0.201				0.0318	U	0.214	-0.0154	U	0.151
NB-62-05-SL	0.598	G,J	0.469	-0.00164	U,G	0.255				0.0793	U,G	0.33	-0.015	U,G	0.24
NB-62-12-SL	0.274	U,G,J	0.348	0.011	U,G	0.144				0.0112	U,G	0.226	0.0282	U,G	0.154
NB-62-22-SL	0.322	U,G,J	0.353	0.0569	U,G	0.217				-0.0398	U,G	0.352	0.0235	U,G	0.226
NB-63-05-SL	0.827	G,J	0.406	0.0276	U,G	0.228				0.00282	U,G	0.34	0.0125	U,G	0.256
NB-63-13-SL	0.574	G,J	0.337	0.00104	U,G	0.23				-2.66	U,G	21	0.0261	U,G	0.231
NB-63-19-SL	0.384	J	0.298	0.0416	U	0.156				-1.31	U	14.4	0.0278	U	0.153
NB-64-05-SL	0.708	G,J	0.365	-0.122	U,G	0.28				-0.126	U,G	0.328	-0.0395	U,G	0.218
NB-64-13-SL	0.267	U,G,J	0.382	-0.0256	U,G	0.181				-9.34	U,G	22	-0.0329	U,G	0.268
NB-64-17-SL	0.253	U,G,J	0.327	-0.0653	U,G	0.19				-0.0337	U,G	0.239	-0.0145	U,G	0.171
NB-65-05-SL	0.911	G,J	0.306	0.0493	U,G	0.185				-0.0889	U,G	0.292	0.0329	U,G	0.181
NB-65-13-SL	0.885	G,J	0.347	-0.0237	U,G	0.245				-0.134	U,G	0.287	-0.0582	U,G	0.221
NB-65-17-SL	0.361	G,J	0.32	0.0145	U,G	0.251				-0.0841	U,G	0.351	0.113	U,G	0.171
NB-66-05-SL	0.456	U,G,J	0.544	-0.112	U,G	0.323				0	U,G	0.466	-0.0315	U,G	0.269
NB-66-05-SL-FD	0.527	G,J	0.439	-0.00413	U,G	0.307				-1.01	U,G	27.1	0.16	U,G	0.24
NB-66-15-SL	0.481	G,J	0.441	0.0865	U,G	0.195				-2.76	U,G	23.5	-0.00543	U,G	0.24
NB-66-19-SL	0.298	UJ	0.437	0.0314	U	0.147				-0	U	0.217	0.00786	U	0.136
NB-67-05-SL	0.677	G,J	0.373	0.102	U,G	0.271				-1.7	U,G	24.3	0.0736	U,G	0.232
NB-67-11-SL	0.315	U,G,J	0.326	0.0649	U,G	0.175				-7.79	U,G	16.6	-0.0323	U,G	0.193
NB-67-21-SL	0.33	J	0.287	0.0281	U	0.161				-4.51	U	18.7	0.0444	U	0.144
NB-68-05-SL	0.827	G,J	0.384	0.0547	U,G	0.212				0.0742	U,G	0.258	0.0401	U,G	0.211
NB-68-13-SL	0.968	G,J	0.436	-0.0503	U,G	0.234				0.0283	U,G	0.333	-0.0585	U,G	0.264
NB-68-17-SL	0.325	U,G,J	0.471	-0.036	U,G	0.242				0.0399	U,G	0.333	-0.00426	U,G	0.228
NB-68-25-SL	0.778	G,J	0.342	0.0268	U,G	0.261				-0.264	U,G	19.9	-0.0548	U,G	0.251
NB-68-33-SL	0.398	G,J	0.377	-0.0334	U,G	0.226				0.0224	U,G	0.342	0.011	U,G	0.226
NB-69-05-SL	0.972	G,J	0.395	-0.0021	U,G	0.201				-8.08	U,G	17.9	0.0717	U,G	0.177
NB-69-15-SL	0.51	G,J	0.34	-0.0685	U,G	0.21				-4.86	U,G	16.9	0.05	U,G	0.183
NB-69-22-SL	0.624	G,J	0.401	0.0241	U,G	0.236				-3.08	U,G	21.1	-0.0676	U,G	0.219
NB-69-34-SL	0.533	J	0.34	-0.0248	U	0.204				-8.13	U	18.4	-0.0475	U	0.185
NB-70-05-SL	1.01	G,J	0.368	0.0221	U,G	0.214				-7.77	U,G	19.3	0.0101	U,G	0.182
NB-70-15-SL	0.922	G,J	0.308	0.0797	U,G	0.181				-0.0353	U,G	0.3	0.0295	U,G	0.161
NB-70-23-SL	0.85	G,J	0.409	0.0194	U,G	0.24				-1.79	U,G	20.2	0.027	U,G	0.205
NB-70-33-SL	0.809	G,J	0.358	0.0513	U,G	0.197				0.0353	U,G	0.233	0.0303	U,G	0.192
NB-71-01-SL	0.977	G,J	0.385	0.0254	U,G	0.205				0.0395	U,G	0.296	0.0687	U,G	0.191
NB-71-01-SL-FD	0.93	G,J	0.351	-0.0544	U,G	0.242				-2.88	U,G	27	0.025	U,G	0.272
NB-71-11-SL	0.994	G,J	0.434	0.0581	U,G	0.228				0.0225	U,G	0.345	-0.071	U,G	0.266
NB-71-27-SL	0.443	G,J	0.311	-0.0424	U,G	0.197				-0.158	U,G	0.293	0.0517	U,G	0.121
NB-72-05-SL	0.387	G,J	0.353	-0.0021	U,G	0.208				-0.0132	U,G	0.295	-0.0137	U,G	0.218
NB-72-11-SL	0.551	G,J	0.441	0.0313	U,G	0.259				0.0543	U,G	0.413	-0.0202	U,G	0.303

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Lead-214			Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-72-19-SL	0.501	J	0.322	-0.066	U	0.195				-12.3	U	16.7	0.00206	U	0.178
NB-72-22-SL	0.48	J	0.381	0.0329	U	0.155				0	U	18.3	0.0156	U	0.238
NB-73-05-SL	0.189	U,G,J	0.432	-0.0856	U,G	0.296				0.134	U,G	0.283	0.0576	U,G	0.246
NB-73-13-SL	0.378	G,J	0.356	0.0907	U,G	0.214				0	U,G	18.2	0.01	U,G	0.251
NB-73-23-SL	0.379	J	0.334	-0.0613	U	0.217				0	U	18.5	-0.00602	U	0.245
NB-74-05-SL	0.725	G,J	0.393	-0.0171	U,G	0.231				0.00613	U,G	0.263	0.0934	U,G	0.176
NB-74-17-SL	0.976	G,J	0.374	0.0271	U,G	0.217				0.0134	U,G	0.354	-0.0738	U,G	0.245
NB-74-25-SL	0.597	G,J	0.378	0.0621	U,G	0.217				-6.14	U,G	23	-0.04	U,G	0.252
NB-74-33-SL	0.534	G,J	0.292	-0.0858	U,G	0.194				-0.0882	U,G	0.222	0.057	U,G	0.168
NB-75-08-SL	0.678	G,J	0.363	0.0326	U,G	0.176				-7.52	U,G	19.9	-0.0271	U,G	0.211
NB-75-15-SL	0.802	G,J	0.35	0.026	U,G	0.228				-13.3	U,G	23	0.021	U,G	0.245
NB-75-19-SL	0.288	J	0.235	0	U	0.177				-0.0327	U	0.226	-0.0697	U	0.198
NB-76-06-SL	-0.0522	U,G,J	0.457	-0.0231	U,G	0.24				-0.132	U,G	0.348	0.02	U,G	0.203
NB-76-10-SL	0.247	UJ	0.253	0.0206	U	0.163				-0.0212	U	0.2	0.00085	U	0.146
NB-76-24-SL	0.381	J	0.34	-0.0377	U	0.237				-0.0594	U	0.303	-0.0541	U	0.249
NB-77-05-SL	0.305	U,G,J	0.331	-0.0476	U,G	0.21				0.0286	U,G	0.216	-0.0881	U,G	0.187
NB-77-13-SL	0.223	UJ	0.317	0.0304	U	0.171				0.0952	U	0.207	-0.0752	U	0.233
NB-77-24-SL	0.743	J	0.219	-0.0477	U	0.173				0.0295	U	0.178	0.0906	TI	0.0899
NB-78-07-SL	0.528	U,G,J	0.547	-0.134	U,G	0.333				0.052	U,G	0.361	0.0875	U,G	0.249
NB-78-11-SL	0.431	G,J	0.378	0.0773	U,G	0.183				-0.0328	U,G	0.218	0.0135	U,G	0.182
NB-78-18-SL	0.769	G,J	0.39	-0.0245	U,G	0.182				0.0255	U,G	0.264	0.0246	U,G	0.2
NB-79-05-SL	0.801	G,J	0.397	-0.0564	U,G	0.294				0.0591	U,G	0.332	0.0276	U,G	0.21
NB-79-05-SL-FD	0.814	G,J	0.355	-0.0524	U,G	0.214				-0.0374	U,G	0.28	0.0578	U,G	0.165
NB-79-11-SL	0.327	U,G,J	0.367	-0.0752	U,G	0.276				0.0103	U,G	0.344	0.0211	U,G	0.254
NB-79-24-SL	0.63	J	0.236	0.0104	U	0.173				-0.0214	U	0.246	-0.0589	U	0.198
NB-80-05-SL	0.476	G,J	0.384	0.117	U,G	0.215				0.015	U,G	0.312	-0.0945	U,G	0.256
NB-80-11-SL	0.534	G,J	0.385	-0.00975	U,G	0.186				0.0622	U,G	0.231	0.0948	U,G	0.176
NB-80-27-SL	0.525	G,J	0.353	0.00207	U,G	0.236				0.0779	U,G	0.337	0.179	G,TI	0.175
NB-81-09-SL	0.954	G,J	0.352	-0.029	U,G	0.196				0.071	U,G	0.245	-0.008	U,G	0.205
NB-81-11-SL	0.838	G,J	0.325	-0.0838	U,G	0.255				-0.0124	U,G	0.25	0.0423	U,G	0.177
NB-81-31-SL	0.478	G,J	0.328	0.0533	U,G	0.186				-0.123	U,G	0.227	-0.0671	U,G	0.192
NB-82-05-SL	1.02	G,J	0.367	-0.119	U,G	0.301				0.15	U,G	0.298	-0.013	U,G	0.284
NB-82-11-SL	0.236	UJ	0.319	-0.117	U	0.213				-0.0592	U	0.218	-0.0287	U	0.174
NB-82-20-SL	0.385	J	0.374	0.0735	U	0.167				-0.0759	U	0.266	-0.0149	U	0.16
NB-83-05-SL	0.866	G,J	0.482	0.0722	U,G	0.275				0.083	U,G	0.453	0.0826	U,G	0.26
NB-83-11-SL	0.386	G,J	0.341	-0.0498	U,G	0.204				-0.0225	U,G	0.226	0.0322	U,G	0.179
NB-83-23-SL	0.411	J	0.272	0	U	0.182				0.0324	U	0.21	0.0541	U	0.154
NB-84-05-SL	0.954	G,J	0.576	-0.017	U,G	0.322				-0.0528	U,G	0.453	0.0667	U,G	0.238
NB-84-15-SL	0.651	G,J	0.368	-0.0491	U,G	0.216				-0.0118	U,G	0.231	-0.105	U,G	0.206
NB-84-23-SL	0.116	U,G,J	0.338	0.0749	U,G	0.164				-0.012	U,G	0.242	0.0151	U,G	0.182
NB-84-33-SL	0.533	J	0.287	-0.0211	U	0.203				0.0116	U	0.266	-0.0554	U	0.232
NB-85-05-SL	0.987	G,J	0.431	0.0164	U,G	0.241				-0.0147	U,G	0.33	0.0156	U,G	0.239
NB-85-15-SL	1.02	G,J	0.41	-0.0397	U,G	0.275				0.0137	U,G	0.315	0.0662	U,G	0.23

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Lead-214			Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-85-25-SL	0.918	G,J	0.458	-0.0746	U,G	0.238				-0.028	U,G	0.33	-0.0758	U,G	0.25
NB-85-35-SL	0.254	UJ	0.293	0	U	0.167				0.0406	U	0.161	0.0189	U	0.15
NB-86-05-SL	0.838	G,J	0.449	-0.059	U,G	0.346				0.00327	U,G	0.476	0.163	U,G	0.296
NB-86-15-SL	0.955	G,J	0.411	-0.0958	U,G	0.227				-0.04	U,G	0.334	-0.111	U,G	0.274
NB-86-19-SL	0.441	G,J	0.346	0.0804	U,G	0.162				-0.0116	U,G	0.226	0.0132	U,G	0.177
OA-18-03-SL	0.938	J	0.275	-0.0644	U	0.229				0	U	0.252	0.0382	U	0.162
OA-18-17-SL	1.04	G,J	0.334	0.0791	U,G	0.17				-0.0579	U,G	0.29	-0.0103	U,G	0.201
OA-18-25-SL	0.857	G,J	0.411	0.0236	U,G	0.317				-0.0329	U,G	0.409	0.0363	U,G	0.271
OA-18-33-SL	0.673	J	0.284	-0.0602	U	0.231				-0.722	U	15.1	0.0216	U	0.165
OA-19-05-SL	1.01	J	0.444	0.0999	U	0.21				0.121	U	0.28	-0.058	U	0.266
OA-19-15-SL	1.09	G,J	0.381	0.12	U,G	0.174				-1.73	U,G	18.3	-0.0905	U,G	0.199
OA-19-25-SL	0.893	G,J	0.489	0	U,G	0.249				-2.64	U,G	23.1	-0.0109	U,G	0.28
OA-19-33-SL	0.638	J	0.359	-0.0213	U	0.193				-1.99	U	16	0.0722	U	0.155
PL-04-05-SL	1.18	G,J	0.386	0.0398	U,G	0.236	0.00506	U	0.0228	-4.51	U,G	26.7	0.0707	U,G	0.251
PL-04-13-SL	0.602	G,J	0.482	-0.0328	U,G	0.244				0.0357	U,G	0.361	0.0418	U,G	0.195
PL-04-23-SL	0.914	J	0.464	0.0363	U	0.217				-0.0368	U	0.34	-0.0863	U	0.235
PL-04-31-SL	0.745	G,J	0.379	0.105	U,G	0.164				0.0718	U,G	0.2	-0.108	U,G	0.203
PL-05-05-SL	0.817	G,J	0.34	0.0583	U,G	0.197				-0.0395	U,G	20.1	-0.0354	U,G	0.251
PL-05-15-SL	0.798	J	0.478	0.0402	U	0.244				-4.45	U	23.3	0.138	U	0.182
PL-05-28-SL	0.731	G,J	0.377	-0.0654	U,G	0.209				-1.68	U,G	20.2	0.0532	U,G	0.196
PL-06-07-SL	0.819	G,J	0.34	-0.0364	U,G	0.258				-6.85	U,G	21.6	-0.0578	U,G	0.228
PL-06-13-SL	0.968	G,J	0.346	-0.0121	U,G	0.251				0.0862	U,G	0.262	0.0149	U,G	0.193
PL-06-17-SL	1.09	G,J	0.393	-0.0423	U,G	0.221				-6.53	U,G	21.1	0.0806	U,G	0.212
PL-06-29-SL	0.471	J	0.322	-0.0168	U	0.203				-1.61	U	15.9	-0.0431	U	0.175
PL-06-33-SL	0.377	J	0.283	-0.128	U	0.237				-4.52	U	19.5	-0.024	U	0.209
RR-04-07-SL	1.18	G,J	0.46	0.149	U,G	0.216	0.00621	U	0.0225	-3.03	U,G	28.7	0.043	U,G	0.245
RR-04-15-SL	0.939	G,J	0.323	-0.0562	U,G	0.268				-2.64	U,G	20	-0.0269	U,G	0.212
RR-04-25-SL	0.886	G,J	0.373	0.0171	U,G	0.279				0.072	U,G	0.392	-0.115	U,G	0.339
RR-05-05-SL	0.714	G,J	0.461	0.00219	U,G	0.25				-0.0816	U,G	0.377	0.0239	U,G	0.26
RR-05-05-SL-FD	1.12	G,J	0.558	-0.00187	U,G	0.292				-0.16	U,G	0.441	0.063	U,G	0.247
RR-05-15-SL	0.722	G,J	0.376	0.00817	U,G	0.164				0.0252	U,G	0.268	0.0632	U,G	0.198
RR-05-25-SL	0.872	G,J	0.497	0.0835	U,G	0.248				0.0575	U,G	0.399	0.0863	U,G	0.254
SW-02-01-SL	0.699	G,J	0.505	-0.0739	U,G	0.24	0.154	0	0.0243	0.0632	U,G	0.322	0.0112	U,G	0.229
SW-02-09-SL	0.594	G,J	0.364	0.047	U,G	0.204				-8.18	U,G	20.7	0.0282	U,G	0.209
SW-02-15-SL	1.02	G,J	0.488	0.0701	U,G	0.25				-0.0146	U,G	0.404	0.0501	U,G	0.272
SW-02-23-SL	0.938	G,J	0.34	-0.0464	U,G	0.226				0.107	U,G	0.246	0	U,G	0.157
SW-05-08-SL	0.744	G,J	0.386	-0.0101	U,G	0.264				-5.95	U,G	23.6	0.097	U,G	0.221
SW-05-12-SL	0.914	G,J	0.329	-0.0377	U,G	0.26				-0.076	U,G	0.298	0.0635	U,G	0.18
SW-06-05-SL	0.786	G,J	0.416	0.118	U,G	0.163				-0.0263	U,G	0.309	-0.0915	U,G	0.234
SW-06-05-SL-FD	1.01	G,J	0.35	-0.0504	U,G	0.253				0.0383	U,G	0.319	-0.0134	U,G	0.211
SW-06-13-SL	0.913	G,J	0.448	-0.0369	U,G	0.249				0.0161	U,G	0.336	-0.126	U,G	0.33
SW-06-23-SL	0.891	G,J	0.428	-0.0678	U,G	0.269				0	U,G	0.28	0.0505	U,G	0.2
SW-07-05-SL	0.961	G,J	0.351	-0.036	U,G	0.262				-9.18	U,G	20.4	0.0147	U,G	0.19

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Lead-214			Manganese-54			Neptunium-237 (A)			Neptunium-237 (G)			Niobium-94		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SW-07-15-SL	0.929	G,J	0.498	0.0466	U,G	0.237				0.0489	U,G	0.372	-0.0889	U,G	0.344
SW-07-23-SL	0.762	G,J	0.409	0.0973	U,G	0.23				-5.53	U,G	21.9	0.126	U,G	0.198
SW-08-03-SL	0.999	G,J	0.408	-0.0374	U,G	0.229				-6.72	U,G	25.1	-0.078	U,G	0.297
SW-08-05-SL	0.961	G,J	0.401	0.0181	U,G	0.264				0.0396	U,G	0.303	-0.109	U,G	0.282
SW-08-15-SL	1.08	G,J	0.464	0.0397	U,G	0.318				-1.37	U,G	26.2	0.133	U,G	0.252
SW-08-25-SL	0.192	UJ	0.324	0.0575	U	0.136				-0.0358	U	14.3	-0.0332	U	0.192

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Niobium-95			Plutonium 238			Plutonium 239/240			Potassium-40			Protactinium-234		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-13-09-SL	0.078	U,G	0.252							22.1	G	3.45	-12.4	U,G	41.5
BD-13-15-SL	0.133	U,G	0.245							22.8	G	3.3	10.2	U,G	37
BD-13-23-SL	0.0705	U,G	0.246							11.5	G	3.16	0.228	U,G	32.5
BD-13-30-SL	0.025	U,G	0.24							5.97	G	1.81	6.54	U,G	30.8
BD-14-05-SL	0.0574	U,G	0.358							12.9	G	3.01	9.07	U,G	50.4
BD-14-13-SL	-0.0496	U,G	0.298							17.2	G	2.77	9.44	U,G	35.1
BD-14-25-SL	0.0641	U	0.274							10.9		3.56	-25.7	U	57.4
BD-14-31-SL	0.0368	U	0.248							3	U	3.55	5.77	U	40.7
BD-15-05-SL	-0.088	U,G	0.282							15	G	1.78	18.2	U,G	35.2
BD-15-17-SL	-0.026	U,G	0.39							13.4	G	4.14	-14.6	U,G	63.8
BD-15-25-SL	0.0109	U	0.197							16.4		2.17	11.5	U	26.1
BD-15-31-SL	-0.00234	U,G	0.336							9.76	G	4.07	9.9	U,G	55
BD-16-05-SL	-0.0421	U,G	0.352	0.00558	U	0.0076	0.00278	U	0.0075	12.8	G	3.04	-3.16	U,G	52.7
BD-16-15-SL	0.165	U,G	0.194							20.4	G	2.52	9.78	U,G	35.4
BD-16-19-SL	0.025	U,G	0.301							13.8	G	3.5	25.1	U,G	35.4
BD-16-25-SL	-0.091	U,G	0.407							13	G	3.73	-3.52	U,G	55.8
BD-16-34-SL	-0.0852	U,G	0.294							14.2	G	3.18	-6.46	U,G	36.5
BLD240-01-01	0	U	0.22	0	U	0.0027	0.00292	U	0.0091	13.8		2.2	0	U	33
BLD240-01-09	0.02	U	0.23							17.4		2.6	10	U	31
BLD240-01-09FD	-0.04	U	0.26							18.4		2.1	0	U	26
BLD240-01-31				-0.00105	U	0.0126	0.00524	LT	0.0028						
BLD240-03-04	-0.06	U	0.34	-0.00328	U	0.0118	-0.00109	U	0.008	16.1		3	-13	U	50
BLD240-03-04FD	-0.13	U	0.32							19.2		2.7	0	U	32
BLD240-03-14				0.00267	U	0.0083	0.00266	LT	0.0024						
BLD240-03-19	-0.02	U	0.32							19		3.2	7	U	44
BLD240-04-02	-0.06	U	0.29	0	U	0.0076	0.00103	U	0.0096	17.7		2.3	0	U	34
BLD240-04-04	-0.04	U	0.25							16.3		2.2	2	U	34
BLD240-04-33				-0.00216	U	0.01	0.00431	U	0.0079						
BLD240-05-01	-0.07	U	0.3							16.9		2.3	-5	U	45
BLD240-05-02	-0.06	U	0.35							14.8		3.3	0	U	38
BLD253-02-01	-0.12	U	0.24							2.3		1.4	2	U	26
BLD253-02-04	-0.02	U	0.34	0.00194	U	0.0072	0.00096	U	0.009	18.4		2.8	9	U	31
BLD253-02-21FD	0.02	U	0.24							14.1		2.2	-15	U	34
BLD253-02-21				0.00445	LT	0.0024	-0.00088	U	0.0082						
BLD255-05-01				-0.00186	U	0.0086	0.00556	LT	0.0025						
BLD255-05-23				0.00113	U	0.0031	0	U	0.0083						
BLD255-07-02	-0.12	U	0.28	0.00254	U	0.0094	0.0038	U	0.0093	16.9		2.3	0	U	35
BLD255-07-15	-0.19	U	0.36							15.9		2.5	9	U	36
BLD255-07-33				0	U	0.0094	0.00402	LT	0.0027						
BLD255-08-01	-0.05	U	0.25	0	UJ	0.012	0.00514	U	0.0095	12.4		2.1	10	U	26
BLD255-08-08	-0.11	U	0.37	-0.00098	U	0.0072	0.00783	LT	0.0072	19.7		3.1	8	U	35
BLD260-06-01	-0.03	U	0.23	0	U	0.0025	0.00277	LT	0.0025	18.6		2.1	24	U	26
BLD260-06-03	-0.06	U	0.32							21.7		3.1	5	U	46

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Niobium-95			Plutonium 238			Plutonium 239/240			Potassium-40			Protactinium-234		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BLD260-06-31				-0.00097	U	0.009	0.00194	U	0.009						
BP-13-05-SL	-0.0574	U,G	0.322							17.5	G	2.3	0.963	U,G	28.8
BP-13-11-SL	0.0403	U,G	0.234							16.9	G	2.67	3.78	U,G	34.1
BP-13-15-SL	-0.0782	U,G	0.35							13.3	G	3.82	5.85	U,G	35.1
BP-13-25-SL	0.0594	U,G	0.333							18.5	G	3.12	7.71	U,G	51
BP-13-35-SL	0.0128	U,G	0.28							14.5	G	2.37	-2.91	U,G	29.3
BP-17-05-SL	0.177	U,G	0.29							12.4	G	3.91	22.8	U,G	30.3
BP-17-15-SL	0.0508	U	0.271							12.6		2.86	20.4	U	28
BP-17-23-SL	0.0413	U,G	0.218							15.9	G	3.06	8.67	U,G	36.5
BP-17-31-SL	-0.141	U,G	0.395							14.4	G	3.51	6.21	U,G	51.7
BP-18-05-SL	-0.175	U,G	0.422							18.2	G	3.64	29.3	U,G	37.8
BP-18-15-SL	-0.226	U,G	0.41							17	G	3.82	13.3	U,G	35.8
BP-18-25-SL	-0.106	U,G	0.369							14.8	G	4.15	3.97	U,G	39.2
BP-18-31-SL	0.022	U	0.208							3.81		2.71	2.63	U	23.1
BP-19-05-SL	-0.0113	U	0.247							17.7		2.59	-18.5	U	37.2
BP-19-13-SL	0.135	U	0.25							14.2		2.53	-6.97	U	47
BP-19-25-SL	0.0376	U,G	0.26							17.7	G	2.71	3.34	U,G	30
BP-19-29-SL	0.0734	U	0.21							10.9		3.2	0	U	25.9
BP-20-03-SL	-0.0162	U	0.276							14.8		2.79	16.5	U	36.1
BP-20-19-SL	0.0544	U,G	0.287							14.4	G	2.89	-1.79	U,G	41.9
BP-20-27-SL	-0.0456	U	0.207							7.52		2.5	-7.96	U	31.5
BP-21-07-SL	0.0292	U,G	0.352							17.7	G	2.67	-9.11	U,G	50.6
BP-21-07-SL-FD	0.0243	U	0.271							14.7		4.03	11.4	U	42.7
BP-21-13-SL	0.0484	U	0.236							19.1		2.8	0	U	35.8
BP-21-24-SL	-0.158	U,G	0.4							16.4	G	3.31	15.1	U,G	36.2
BP-21-34-SL	-0.0697	U	0.276							4.35		3.07	-6.04	U	39.1
BP-22-05-SL	-0.0907	U,G	0.291							15.7	G	2.87	16.7	U,G	32.7
BP-22-13-SL	-0.0148	U,G	0.26							17.4	G	2.69	-12.6	U,G	54.6
BP-22-23-SL	0.0116	U	0.232							15.1		2.57	3.07	U	27.6
BP-22-33-SL	-0.0309	U	0.261							7.64		2.94	-2.48	U	34.9
CB-02-05-SL	-0.0248	U,G	0.308							13.6	G	2.96	-2.27	U,G	36
CB-02-05-SL-FD	-0.0418	U,G	0.365	0.00079	U	0.0093	-0.00075	U	0.0093	13.2	G	3.72	9.62	U,G	40.6
CB-02-15-SL	0.0597	U,G	0.213							16.5	G	2.39	-11.2	U,G	45.1
CB-02-25-SL	0.0212	U,G	0.344							16.1	G	4.19	-3.82	U,G	44.6
DM-02-05-SL	0.159	U	0.29	-0.00064	U	0.0197	-0.00208	U	0.0173	15.3		3.35	57.9		47.6
DM-02-17-SL	-0.118	U,G	0.314							16.1	G	2.82	8.41	U,G	41.9
DM-02-22-SL	-0.0541	U	0.41							12.3		3.29	57.2	TI	45.4
DM-02-33-SL	0.0844	U	0.27	0.00157	U	0.0155	-0.00226	U	0.0188	17.5		2.86	45	TI	25.4
DM-03-05-SL	-0.0137	U,G	0.248							16.1	G	3.37	3.15	U,G	37.1
DM-03-05-SL-FD	-0.0528	U,G	0.423							12.7	G	3.16	-9.86	U,G	46.3
DM-03-13-SL	-0.0262	U,G	0.279							16.6	G	2.69	-2.95	U,G	38.1
DM-03-25-SL	0.121	U,G	0.293							18.9	G	3.46	-6.3	U,G	52.5
DM-03-34-SL	0.04	U,G	0.232							10.4	G	3.13	2.88	U,G	34.6

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Niobium-95			Plutonium 238			Plutonium 239/240			Potassium-40			Protactinium-234		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
EP-13-03-SL	-0.129	UJ	0.334							15.8	J	2.5	0	UJ	35.7
EP-13-13-SL	-0.0436	UJ	0.364							20.1	J	3.58	16	UJ	45.1
EP-13-25-SL	-0.0282	UJ	0.326							17.5	J	2.85	11.3	UJ	27.1
EP-13-30-SL	0.0391	UJ	0.217							12.9	J	2.55	-6.7	UJ	34.9
EP-14-05-SL	-0.0745	UJ	0.432							18.4	J	4.38	10.5	UJ	46
EP-14-13-SL	-0.0632	UJ	0.286							15.8	J	2.83	-6.72	UJ	37.3
EP-14-25-SL	-0.0714	UJ	0.325							15.1	J	2.79	19.7	UJ	41
EP-14-31-SL	-0.0403	UJ	0.27							11.6	J	1.87	0.182	UJ	40.2
EP-15-05-SL	-0.0111	U,G	0.37							12.9	G	3.73	-3.78	U,G	37.3
EP-15-13-SL	0.112	U,G	0.261							16.8	G	3.66	5.12	U,G	46.9
EP-15-25-SL	-0.0713	U	0.322							6.23		1.91	-7.7	U	44.7
EP-15-29-SL	0.0325	U	0.33							11.8		2.58	14.6	U	33.2
EP-16-05-SL	0.0719	U,G	0.271							18	G	3.14	-7.91	U,G	50.2
EP-16-15-SL	-0.0613	U,G	0.279							18.7	G	2.11	0	U,G	39.5
EP-16-27-SL	0.00282	U	0.171							2.44		1.51	3.56	U	19.2
EP-17-05-SL	-0.00249	U,G	0.358	-0.00157	U	0.0117	0.00479	LT	0.0043	10.1	G	4.54	-12.9	U,G	58.6
EP-17-15-SL	-0.0409	U,G	0.354							16.4	G	3.34	0.601	U,G	42.2
EP-17-25-SL	0.0398	U,G	0.381							14.6	G	3.43	3.44	U,G	54.5
EP-17-30-SL	0.0323	U	0.201							2.59	U	2.96	-13.2	U	45.3
EP-18-09-SL	-0.0233	UJ	0.372	-0.00035	U	0.014	0.00715	LT	0.0048	14.7	J	3.86	23.9	UJ	61.9
EP-18-09-SL-FD	0.0944	UJ	0.254							17.4	J	2.97	9.78	UJ	34.5
EP-18-15-SL	-0.0976	UJ	0.305							18.1	J	3.03	0.943	UJ	28.2
EP-18-29-SL	0.0581	UJ	0.331							14.7	J	3.06	9.59	UJ	45.1
EP-19-05-SL	0.148	UJ	0.265							20.7	J	2.75	31.2	U	36.5
EP-19-13-SL	0.0856	UJ	0.287	0.00077	U	0.0123	-0.00116	U	0.0122	17.2	J	2.19	11	UJ	36.5
EP-19-25-SL	-0.014	UJ	0.254							18.4	J	2.86	8.12	UJ	32.3
EP-19-31-SL	0.0869	UJ	0.241							18.7	J	3.18	6.81	UJ	35.8
EP-20-05-SL	0.172	U,G	0.238							19.2	G	3.41	21	U,G	37.1
EP-20-15-SL	0.103	U,G	0.36							16.4	G	2.65	3.1	U,G	43.7
EP-20-25-SL	0.00618	U,G	0.265							18.9	G	3.23	-9.11	U,G	39.8
LF-06-05-SL	-0.0872	U,G	0.326	0.00166	U	0.0045	0.00398	U	0.0105	18.3	G	2.64	-2.85	U,G	40.3
LF-06-13-SL	0.0523	U,G	0.245							19.7	G	3.39	18.6	U,G	37.1
LF-06-27-SL	0.0145	U,G	0.239							19.8	G	2.76	5.73	U,G	40.5
LF-06-32-SL	0.0294	U,G	0.194							1.98	U,G	2.39	1.17	U,G	29.9
LF--07-09-SL	-0.0145	U,G	0.31							13.9	G	2.72	-5.02	U,G	41.4
LF-07-15-SL	0.0816	U,G	0.265							16.3	G	2.96	11.3	U,G	40.2
LF-07-25-SL	-0.0422	U,G	0.365							15.8	G	4.03	-12.6	U,G	49
LF-07-34-SL	-0.00233	U,G	0.334							6.75	G	2.64	-9.34	U,G	49.4
LF-08-05-SL	-0.0217	U,G	0.346							18	G	3.13	-3.22	U,G	45.4
LF-08-05-SL-FD	0.0264	U,G	0.257							15.5	G	2.78	16.2	U,G	29
LF-08-15-SL	0.0515	U,G	0.258							17.5	G	2.33	20	U,G	29.1
LF-08-21-SL	0.00978	U,G	0.349							15.4	G	4.59	-2	U,G	46.8
LF-08-37-SL	0.0403	U,G	0.272							1.86	U,G	3.65	2.99	U,G	32.2

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Niobium-95			Plutonium 238			Plutonium 239/240			Potassium-40			Protactinium-234		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
LF-09-03-SL	-0.106	U,G	0.345							15.5	G	2.99	4.97	U,G	37.3
LF-09-17-SL	0.056	U,G	0.333							16.4	G	3.42	8.7	U,G	40.2
LF-09-25-SL	-0.122	U,G	0.36							18.2	G	2.65	-9.59	U,G	43.5
LF-09-31-SL	-0.0585	U,G	0.279							1.97	U,G	3.2	0.95	U,G	36
NB-28-04-SL	-0.0164	U,G	0.36							17	G	3.09	4.38	U,G	39.5
NB-28-14-SL	0.0276	U,G	0.282							14.7	G	4.01	-18.6	U,G	62.4
NB-28-24-SL	-0.013	U,G	0.278							12.5	G	3.31	22.7	U,G	29.9
NB-28-35-SL	-0.017	U,G	0.236							3.07	G	2.95	0	U,G	34.2
NB-29-05-SL	0.0339	U,G	0.409							12.9	G	3.25	12.9	U,G	53.9
NB-29-14-SL	0.0104	U,G	0.229							0.136	U,G	2.58	0.156	U,G	31.7
NB-29-22-SL	-0.0362	U	0.219							1.78	U	2.02	11.6	U	16.7
NB-30-05-SL	-0.026	U,G	0.369							16.5	G	3.16	14.9	U,G	43.9
NB-30-15-SL	-0.0563	U,G	0.355							18.1	G	3.23	-7.39	U,G	53.8
NB-30-25-SL	-0.102	U,G	0.366							15.8	G	3.71	-13	U,G	54.1
NB-30-33-SL	-0.00421	U,G	0.291							5.78	G	3.55	-17.9	U,G	46.8
NB-31-05-SL	0.0284	U,G	0.29							17.5	G	3.83	-3.44	U,G	54.6
NB-31-15-SL	-0.00333	U,G	0.25							15.4	G	2.8	-8.59	U,G	35.8
NB-31-27-SL	-0.0861	U,G	0.355							14.6	G	3.12	-6.81	U,G	49.4
NB-31-32-SL	-0.00681	U,G	0.356							7.91	G	3.27	9.08	U,G	39.7
NB-32-05-SL	0.0672	U,G	0.39							14.6	G	3.43	9.64	U,G	38.6
NB-32-15-SL	-0.0396	U,G	0.335							13.3	G	3.44	-18.7	U,G	60.7
NB-32-27-SL	0.0136	U,G	0.237							15.2	G	3	28.2	U,G	31.9
NB-32-33-SL	0.0754	U,G	0.269							13.1	G	3.05	0	U,G	47.1
NB-33-05-SL	0.014	U,G	0.244							17.9	G	3.09	16.9	U,G	26.4
NB-33-15-SL	-0.103	U,G	0.382							11.9	G	3.34	-9.43	U,G	44.3
NB-33-27-SL	0.108	U	0.169							5.36		2.5	5.25	U	29.6
NB-34-05-SL	0.0356	U,G	0.341							17	G	3.76	-9.53	U,G	50.4
NB-34-15-SL	-0.0278	U,G	0.232							11.7	G	2.68	-4.76	U,G	39.3
NB-34-25-SL	-0.0692	U	0.313							4.96		2.47	2.57	U	33.7
NB-35-01-SL	0.0662	U,G	0.358							15.7	G	3.4	22.1	U,G	37.9
NB-35-15-SL	0.0262	U,G	0.354							16.4	G	3.46	18	U,G	39.4
NB-35-25-SL	-0.00976	U,G	0.283							18	G	2.58	21.7	U,G	30.6
NB-36-05-SL	0.00316	U,G	0.275							16.9	G	2.45	-8.44	U,G	36.7
NB-36-15-SL	-0.0967	U,G	0.362							13.6	G	3.17	14.8	U,G	47
NB-36-27-SL	-0.186	U	0.396							15.9		3.01	0	U	50.2
NB-37-05-SL	-0.00588	U,G	0.315							15.8	G	3.38	0.675	U,G	47.9
NB-37-15-SL	0.0044	U,G	0.267							15.1	G	3.3	-8.92	U,G	44.7
NB-37-25-SL	-0.0531	U,G	0.334							17.7	G	2.57	-11.2	U,G	48.9
NB-38-09-SL	0.0737	U,G	0.221							18.5	G	3.22	9.82	U,G	34.9
NB-38-15-SL	-0.0698	U	0.241							20.6		3.14	9.32	U	32.2
NB-38-25-SL	0.0396	U	0.228							17.8		2.95	1.76	U	36.5
NB-39-05-SL	-0.0393	U,G	0.347							14.1	G	3.89	-4.82	U,G	48.1
NB-39-15-SL	-0.026	U,G	0.269							21.2	G	1.67	-4.18	U,G	37.2

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Niobium-95			Plutonium 238			Plutonium 239/240			Potassium-40			Protactinium-234		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-39-25-SL	-0.018	U,G	0.415							16	G	3.82	14.7	U,G	31.7
NB-39-30-SL	-0.0642	U,G	0.309							13.5	G	3	-19.1	U,G	47.4
NB-40-05-SL	-0.00687	U,G	0.359							12.6	G	3.13	8.9	U,G	44.5
NB-40-05-SL-FD	0.145	U	0.215							19.9		2.83	14.2	U	33
NB-40-17-SL	0.0987	U,G	0.335							16.5	G	3.35	-7.02	U,G	46
NB-40-25-SL	-0.0102	U	0.229							4.44		2.99	-2.63	U	34.4
NB-40-31-SL	0.0583	U	0.183							4.35		2.41	12	U	25.5
NB-41-05-SL	-0.00272	U	0.272							9.26		3.11	0.544	U	38.2
NB-41-13-SL	-0.0338	U	0.278							2.98		2.32	-2.33	U	30.5
NB-41-19-SL	0.0128	U,G	0.231							4.63	G	3.01	-2.6	U,G	36.2
NB-42-05-SL	-0.071	U,G	0.328							12.2	G	2.16	-6.41	U,G	38.8
NB-42-13-SL	0.00195	U	0.252							3.22		3.09	-12.7	U	38.2
NB-42-23-SL	0.0974	U	0.189							2.8		2.2	10.2	U	28.3
NB-43-05-SL	0.0195	U,G	0.264							9.08	G	2.14	10.3	U,G	24.7
NB-43-13-SL	-0.0146	U	0.243							4.24		2.7	-3.24	U	32.4
NB-44-05-SL	-0.0786	U	0.276							2.73	U	2.83	10	U	27
NB-44-05-SL-FD	-0.0858	U,G	0.233	0	U	0.0064	-0.00099	U	0.0135	1.39	U,G	2.99	18.2	U,G	25.4
NB-44-11-SL	0.0334	U	0.173							1.25	U	1.67	-1.69	U	20.3
NB-44-18-SL	-0.0666	U	0.264							1.59	U	2.8	13	U	27.1
NB-45-05-SL	0.064	U,G	0.331							20.7	G	3.48	-6.71	U,G	47.3
NB-45-05-SL-FD	0.0724	U,G	0.421							15.4	G	2.96	10.2	U,G	36.4
NB-45-13-SL	-0.0899	U,G	0.409							15.4	G	4.01	0	U,G	44.8
NB-45-25-SL	-0.105	U,G	0.486							14.1	G	4.35	13.4	U,G	31.1
NB-45-33-SL	0.0417	U	0.219							10.2		2.5	16	U	26.6
NB-46-09-SL	-0.015	U	0.276							17.8		2.89	-22.4	U	57.9
NB-46-17-SL	0.006	U,G	0.25							15.2	G	2.78	-11.4	U,G	42.5
NB-46-25-SL	-0.0175	U,G	0.292							13.4	G	3.77	10.9	U,G	29.4
NB-46-29-SL	-0.0383	U,G	0.222							11.8	G	2.77	-2.22	U,G	35.2
NB-47-05-SL	-0.0125	U	0.214							10.9		1.9	3.93	U	31.2
NB-47-15-SL	-0.115	U,G	0.323							17.4	G	3.45	15.5	U,G	36.2
NB-47-25-SL	-0.0235	U,G	0.375							17.5	G	2.89	-3.38	U,G	44.3
NB-47-31-SL	-0.0845	U,G	0.322							18.4	G	2.68	9.01	U,G	24.2
NB-48-05-SL	0.0186	U,G	0.333							16.1	G	2.57	-16.2	U,G	48.1
NB-48-11-SL	-0.0544	U,G	0.282							13.2	G	2.92	12.5	U,G	34.2
NB-48-15-SL	0.0888	U,G	0.376							11.4	G	3.87	6.22	U,G	51.8
NB-48-25-SL	-0.0168	U,G	0.253							16	G	2.5	2.11	U,G	35.1
NB-48-35-SL	-0.0374	U,G	0.327							15.8	G	3.44	-11.6	U,G	46.9
NB-49-05-SL	0.0128	U,G	0.322							18.3	G	3.87	6.01	U,G	42.9
NB-49-05-SL-FD	-0.125	U,G	0.396							18.1	G	3.01	0	U,G	37
NB-49-15-SL	0.106	U,G	0.326							14.6	G	3.46	1.68	U,G	31.8
NB-49-25-SL	-0.0295	U,G	0.323							17.4	G	3.72	8.5	U,G	33.8
NB-49-37-SL	0.0636	U,G	0.234							12.2	G	3.08	8.91	U,G	44.6
NB-50-05-SL	0.0915	U,G	0.266							13.3	G	4.03	-4.6	U,G	45.9

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Niobium-95			Plutonium 238			Plutonium 239/240			Potassium-40			Protactinium-234		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-50-15-SL	0.0859	U,G	0.288							15.6	G	2.96	0	U,G	41
NB-50-25-SL	-0.104	U,G	0.386							15.9	G	3.45	15.5	U,G	40.7
NB-50-37-SL	-0.0696	U	0.257							9.01		1.76	0	U	30
NB-51-05-SL	0.0184	U,G	0.282							15.3	G	2.51	6.35	U,G	35.3
NB-51-13-SL	0.0248	U,G	0.331							12.3	G	3.47	31	U,G	36.7
NB-51-25-SL	-0.0602	U,G	0.273							16.7	G	3.2	-10.3	U,G	38.2
NB-51-37-SL	0.0414	U,G	0.236							16	G	3.25	4.36	U,G	34.6
NB-52-05-SL	0.022	U,G	0.317							14.3	G	3.6	12.9	U,G	30
NB-52-13-SL	0.0673	U,G	0.347							16.7	G	2.84	3.09	U,G	43.4
NB-52-25-SL	-0.0602	U,G	0.32							15.4	G	2.94	-7.73	U,G	40.3
NB-52-35-SL	-0.123	U,G	0.383							14.6	G	2.66	-6.22	U,G	49.4
NB-53-05-SL	-0.0511	U,G	0.296							16.7	G	2.09	-8.43	U,G	33.4
NB-53-13-SL	-0.0792	U,G	0.296							16.7	G	2.53	10	U,G	32.2
NB-53-23-SL	-0.0962	U,G	0.442							14.6	G	3.74	-6.51	U,G	61.3
NB-53-33-SL	0.131	U,G	0.208							12	G	2.72	-2.64	U,G	33.3
NB-54-05-SL	-0.115	U,G	0.358							13.9	G	3.17	4.92	U,G	45.1
NB-54-13-SL	-0.0224	U,G	0.343							15.8	G	3.36	-5.37	U,G	52.9
NB-54-25-SL	-0.109	U,G	0.413							16.9	G	3.33	-15.6	U,G	52
NB-54-31-SL	-0.0111	U	0.205							0.163	U	2.1	-5.2	U	34.1
NB-55-05-SL	-0.0395	U,G	0.334							21	G	3.17	0	U,G	45.8
NB-55-13-SL	0.062	U,G	0.353							15.3	G	3.34	10.7	U,G	35.2
NB-55-25-SL	0.00901	U,G	0.366							18	G	3.07	11.8	U,G	38.8
NB-55-33-SL	0.0575	U	0.213							1.93	U	2.65	6.15	U	30.8
NB-56-05-SL	0.0493	U	0.232							15.4		2.71	15.6	U	32.8
NB-56-13-SL	-0.126	U,G	0.321							19.1	G	3.72	3.2	U,G	40.1
NB-56-25-SL	-0.043	U,G	0.289							10.4	G	3.05	4.04	U,G	36.5
NB-56-33-SL	-0.0267	U	0.245							5.52		2.72	6.79	U	34
NB-57-05-SL	-0.0496	U,G	0.312							15.4	G	3.98	7.51	U,G	46.5
NB-57-05-SL-FD	-0.129	U,G	0.355							19.5	G	2.97	-19.6	U,G	52.7
NB-57-15-SL	0.0232	U,G	0.31							17.2	G	3.26	-1.56	U,G	39.1
NB-57-29-SL	0.13	U,G	0.196							18.2	G	2.17	5.65	U,G	31.8
NB-57-34-SL	0.0412	U,G	0.274							9.83	G	4	12.1	U,G	40.3
NB-58-05-SL	-0.027	U,G	0.263							13.6	G	3.15	3.29	U,G	29.4
NB-58-15-SL	-0.129	U,G	0.41							16.5	G	4.28	18.8	U,G	40
NB-58-29-SL	-0.114	U,G	0.32							16	G	2.45	5.99	U,G	33
NB-58-36-SL	-0.106	U,G	0.316							11.2	G	3.29	-3.75	U,G	37.5
NB-59-05-SL	0.0268	U,G	0.243							13.7	G	2.73	1.81	U,G	35.9
NB-59-13-SL	0.00892	U,G	0.318							15.8	G	3.49	2.78	U,G	43.7
NB-59-25-SL	-0.0522	U,G	0.307							18.6	G	3.29	4.73	U,G	21.6
NB-59-31-SL	0.00226	U,G	0.292							5.22	G	2.83	-5.91	U,G	44.4
NB-60-05-SL	-0.0552	U,G	0.302							18.7	G	2.53	-7.03	U,G	41.7
NB-60-13-SL	-0.032	U,G	0.277							21	G	3.3	17	U,G	44.4
NB-60-23-SL	0.0611	U,G	0.22							15.6	G	2.99	5.56	U,G	36.8

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Niobium-95			Plutonium 238			Plutonium 239/240			Potassium-40			Protactinium-234		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-60-31-SL	0.00708	U,G	0.266							5.11	G	3.15	12.9	U,G	34.7
NB-61-05-SL	-0.00996	U,G	0.332							14.4	G	3.39	-9.81	U,G	49.9
NB-61-13-SL	-0.0684	U,G	0.397							13.9	G	3.68	6.38	U,G	50.6
NB-61-23-SL	-0.00684	U,G	0.302							19.2	G	3.51	14.7	U,G	33.6
NB-61-28-SL	-0.0823	U	0.221							5.66		2.13	7.17	U	29.4
NB-62-05-SL	0.00713	U,G	0.268							12.2	G	3.3	-9.31	U,G	49.3
NB-62-12-SL	-0.0386	U,G	0.204							2.12	U,G	2.26	-3.42	U,G	33.5
NB-62-22-SL	-0.0157	U,G	0.289							1.02	U,G	3.91	2.92	U,G	35.1
NB-63-05-SL	-0.105	U,G	0.387							14.6	G	3.02	-6.63	U,G	52.6
NB-63-13-SL	0.0139	U,G	0.257							2.04	U,G	3.19	16	U,G	26.7
NB-63-19-SL	-0.0231	U	0.201							4.15		2.11	8.74	U	24.6
NB-64-05-SL	0.0605	U,G	0.198							8.72	G	3.63	2.14	U,G	42.4
NB-64-13-SL	0.149	U,G	0.25							1.55	U,G	3.21	-18.4	U,G	46
NB-64-17-SL	-0.0731	U,G	0.221							2.27	U,G	2.43	8.61	U,G	18.3
NB-65-05-SL	0.055	U,G	0.25							11.8	G	2.35	13.8	U,G	40.2
NB-65-13-SL	0.0661	U,G	0.23							10.6	G	2.76	12.9	U,G	35.5
NB-65-17-SL	-0.0335	U,G	0.289							0.555	U,G	3.94	-3.09	U,G	40.5
NB-66-05-SL	0.102	U,G	0.164							6.65	G	3.75	-7.32	U,G	58.1
NB-66-05-SL-FD	0.0513	U,G	0.346							7.09	G	4.04	19.9	U,G	42.8
NB-66-15-SL	0.107	U,G	0.216							9.78	G	3.82	-1.23	U,G	36.4
NB-66-19-SL	-0.0697	U	0.184							2.73		2.34	2.32	U	17.6
NB-67-05-SL	-0.118	U,G	0.345							14.2	G	3.94	-20	U,G	53
NB-67-11-SL	0.0247	U,G	0.211							1.49	U,G	2.56	11.4	U,G	30.2
NB-67-21-SL	0.0229	U	0.212							1.33	U	2.77	8.39	U	32.3
NB-68-05-SL	0.0642	U,G	0.248							19	G	3.15	4.78	U,G	36.1
NB-68-13-SL	-0.0412	U,G	0.34							15.3	G	3.07	0	U,G	45.4
NB-68-17-SL	0.174	U,G	0.225							10.9	G	3.1	-6.23	U,G	38.1
NB-68-25-SL	-0.0148	U,G	0.236							15.9	G	3.29	10.8	U,G	26.1
NB-68-33-SL	-0.0314	U,G	0.271							5.63	G	2.59	11.7	U,G	31.4
NB-69-05-SL	0.118	U,G	0.185							17.3	G	2.93	-8.36	U,G	39.3
NB-69-15-SL	0.0807	U,G	0.174							11.9	G	2.27	-2	U,G	33.8
NB-69-22-SL	0.00224	U,G	0.259							16.1	G	3.19	9.41	U,G	36.6
NB-69-34-SL	-0.0236	U	0.222							11.1		2.77	3.35	U	34.7
NB-70-05-SL	0.0337	U,G	0.234							17.1	G	3.01	17.8	U,G	31.6
NB-70-15-SL	0.0632	U,G	0.19							13.4	G	2.78	4.33	U,G	38.6
NB-70-23-SL	-0.0655	U,G	0.273							13.9	G	3.5	-14.2	U,G	43.2
NB-70-33-SL	0.132	U,G	0.206							16	G	2.72	3.72	U,G	32.9
NB-71-01-SL	0.0153	U,G	0.219							17.1	G	2.66	11.3	U,G	37.8
NB-71-01-SL-FD	-0.112	U,G	0.326							20.9	G	3.4	-2.14	U,G	47.2
NB-71-11-SL	-0.0765	U,G	0.346							16.8	G	3.21	-11.8	U,G	49
NB-71-27-SL	0	U,G	0.214							7.27	G	2.65	4.19	U,G	25.2
NB-72-05-SL	0.0409	U,G	0.272							7.69	G	3.06	-6.75	U,G	43.7
NB-72-11-SL	0.0733	U,G	0.306							4.76	G,TI	4.24	-3.75	U,G	56.3

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Niobium-95			Plutonium 238			Plutonium 239/240			Potassium-40			Protactinium-234		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-72-19-SL	-0.0116	U	0.217							8.3		2.13	6.63	U	31.5
NB-72-22-SL	-0.111	U	0.287							3.39		2.46	7.9	U	28.4
NB-73-05-SL	0.0243	U,G	0.295							5.04	G,TI	3.79	6.71	U,G	31.1
NB-73-13-SL	-0.0203	U,G	0.324							3.3	G,TI	2.65	6.22	U,G	28.9
NB-73-23-SL	-0.118	U	0.306							4.9		2.28	2.8	U	30.2
NB-74-05-SL	0.0901	U,G	0.25							17.3	G	3.42	-0.818	U,G	40.4
NB-74-17-SL	-0.183	U,G	0.331							15.4	G	2.78	9.23	U,G	34.6
NB-74-25-SL	-0.0927	U,G	0.315							9.91	G	4.13	10.1	U,G	41.8
NB-74-33-SL	0.0242	U,G	0.182							2.61	G	2.29	-4.57	U,G	32.1
NB-75-08-SL	-0.0225	U,G	0.279							15.9	G	2.53	-2.1	U,G	35
NB-75-15-SL	0.0943	U,G	0.264							10.5	G	3.1	-9.05	U,G	44.8
NB-75-19-SL	0.0725	U	0.145							3.6		2.17	21.3	U	28.6
NB-76-06-SL	0	U,G	0.261							2.84	G	2.66	-5.96	U,G	35.3
NB-76-10-SL	0.0346	U	0.183							2.2	TI	1.62	16	U	17.3
NB-76-24-SL	-0.0244	U	0.315							3.25		2.67	-7.75	U	41
NB-77-05-SL	-0.0135	U,G	0.194							2.13	U,G	2.73	4.13	U,G	33.3
NB-77-13-SL	-0.0626	U	0.226							2.57	TI	2.22	2.52	U	39.6
NB-77-24-SL	0.0107	U	0.194							5.89		2.26	-10.9	U	32.2
NB-78-07-SL	-0.155	U,G	0.441							12.6	G	2.56	-3.4	U,G	53.9
NB-78-11-SL	-0.104	U,G	0.229							8.89	G	2.83	12.4	U,G	30.6
NB-78-18-SL	-0.115	U,G	0.286							12.8	G	2.08	2.19	U,G	32.9
NB-79-05-SL	-0.0943	U,G	0.348							13.3	G	2.75	3.02	U,G	42.6
NB-79-05-SL-FD	-0.0252	U,G	0.216							14.2	G	2.38	4.29	U,G	28.1
NB-79-11-SL	0.0236	U,G	0.242							9.6	G	2.68	15.1	U,G	28
NB-79-24-SL	0.0345	U	0.208							10.4		2.58	3.29	U	29.7
NB-80-05-SL	0.0693	U,G	0.272							12.3	G	2.21	-2.93	U,G	38.4
NB-80-11-SL	0.00757	U,G	0.218							12.1	G	2.7	-3.06	U,G	36.7
NB-80-27-SL	0.128	U,G	0.22							8.24	G	4.36	0.392	U,G	43.2
NB-81-09-SL	0	U,G	0.2							17	G	2.77	8.15	U,G	30.6
NB-81-11-SL	0.0388	U,G	0.225							18.9	G	2.19	10.5	U,G	32.7
NB-81-31-SL	0.0907	U,G	0.173							3.26	G	2.76	2.55	U,G	33.3
NB-82-05-SL	-0.00144	U,G	0.278							13.2	G	3.45	-1.64	U,G	41.1
NB-82-11-SL	0.0704	U	0.178							3.08		2.38	4.69	U	30.8
NB-82-20-SL	0.0117	U	0.212							1.57	U	2.4	-6.66	U	30
NB-83-05-SL	-0.0242	U,G	0.387							13.5	G	3.68	-11.2	U,G	59.5
NB-83-11-SL	-0.00566	U,G	0.204							5.23	G	2.68	-4.51	U,G	35.4
NB-83-23-SL	0.0348	U	0.194							4.01		2.14	2.65	U	22.7
NB-84-05-SL	0.15	U,G	0.315							12.1	G	3.91	11	U,G	51.5
NB-84-15-SL	0.0549	U,G	0.226							11.7	G	2.73	-10.1	U,G	36.5
NB-84-23-SL	-0.0384	U,G	0.221							2.04	U,G	2.25	6.22	U,G	31.1
NB-84-33-SL	-0.00979	U	0.206							2.9		2.66	11.7	U	28.8
NB-85-05-SL	-0.0701	U,G	0.31							18.3	G	3.33	-17.7	U,G	40.1
NB-85-15-SL	-0.135	U,G	0.335							13.6	G	2.31	14.2	U,G	35.5

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Niobium-95			Plutonium 238			Plutonium 239/240			Potassium-40			Protactinium-234		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-85-25-SL	-0.0296	U,G	0.354							17.3	G	3.11	-9.66	U,G	48.6
NB-85-35-SL	-0.0241	U	0.181							1.14	U	2.1	-7.8	U	30.9
NB-86-05-SL	-0.1	U,G	0.436							11.8	G	3.32	-3.84	U,G	54.1
NB-86-15-SL	-0.0638	U,G	0.282							16.6	G	2.97	16.1	U,G	32.4
NB-86-19-SL	-0.0138	U,G	0.268							2.37	U,G	4.05	7.5	U,G	28.7
OA-18-03-SL	0.0492	U	0.248							16.6		3.09	-7.05	U	35.4
OA-18-17-SL	-0.013	U,G	0.244							10.1	G	2.27	8.91	U,G	31.3
OA-18-25-SL	-0.0675	U,G	0.392							16.1	G	3.49	0	U,G	51.1
OA-18-33-SL	-0.0922	U	0.265							14.8		2.34	-8.33	U	34.3
OA-19-05-SL	-0.0106	U	0.359							11.8		2.79	2.84	U	47.4
OA-19-15-SL	0.0126	U,G	0.275							14.4	G	2.69	3.29	U,G	37.4
OA-19-25-SL	-0.0915	U,G	0.423							17.1	G	3.3	8.72	U,G	38.1
OA-19-33-SL	0.11	U	0.204							6.67		2.18	0.53	U	31
PL-04-05-SL	-0.048	U,G	0.3	-0.00104	U	0.0109	-0.00034	U	0.0134	17.2	G	3.78	6.47	U,G	34.4
PL-04-13-SL	0.0658	U,G	0.33							17.1	G	3.43	-8.97	U,G	54.3
PL-04-23-SL	0.0785	U	0.257							15.2		3.34	11.8	U	37.1
PL-04-31-SL	-0.0394	U,G	0.28							14.6	G	3.26	5.88	U,G	33.2
PL-05-05-SL	-0.0174	U,G	0.314							20	G	2.13	4.21	U,G	29.7
PL-05-15-SL	0.0568	U	0.308							16.4		3.18	9.72	U	42.2
PL-05-28-SL	0.14	U,G	0.232							12.4	G	2.27	2.15	U,G	30.4
PL-06-07-SL	-0.0285	U,G	0.357							17.8	G	2.9	10.6	U,G	34.2
PL-06-13-SL	0.0142	U,G	0.295							15.9	G	2.38	-13.6	U,G	40.4
PL-06-17-SL	-0.0869	U,G	0.429							15.9	G	1.87	6.53	U,G	34.5
PL-06-29-SL	0.0855	U	0.214							9.1		2.48	1.11	U	31.7
PL-06-33-SL	-0.0566	U	0.273							0.389	U	2.92	-6.09	U	39.8
RR-04-07-SL	0.0253	U,G	0.306	0.00115	U	0.0182	-0.00208	U	0.02	18.3	G	3.47	10	U,G	50.1
RR-04-15-SL	0.0528	U,G	0.245							17.8	G	3.04	0	U,G	28.6
RR-04-25-SL	-0.00492	U,G	0.37							12.8	G	2.98	6.5	U,G	45.8
RR-05-05-SL	-0.103	U,G	0.359							17.2	G	3.7	-9.38	U,G	50.2
RR-05-05-SL-FD	0.019	U,G	0.391							16.2	G	4.35	21.3	U,G	50.2
RR-05-15-SL	-0.0291	U,G	0.324							16.1	G	2.52	-15.2	U,G	46.2
RR-05-25-SL	-0.0179	U,G	0.314							16.9	G	4.1	-3.84	U,G	45.2
SW-02-01-SL	0.182	U,G	0.254	0.00856	U	0.0137	0.00753	U	0.0166	12.4	G	3.69	25.4	U,G	39.9
SW-02-09-SL	-0.0134	U,G	0.3							12	G	2.82	3.7	U,G	33.4
SW-02-15-SL	0.0448	U,G	0.32							14.3	G	4.04	0	U,G	52.4
SW-02-23-SL	-0.0793	U,G	0.289							15.8	G	2.78	3.29	U,G	29.3
SW-05-08-SL	0.0816	U,G	0.302							16.8	G	3.34	7.9	U,G	45.8
SW-05-12-SL	0.0459	U,G	0.255							14.8	G	2.77	11.1	U,G	36.8
SW-06-05-SL	-0.118	U,G	0.341							15.6	G	2.56	-13.6	U,G	41.1
SW-06-05-SL-FD	-0.0453	U,G	0.304							18.1	G	2.9	-0.391	U,G	38.7
SW-06-13-SL	-0.187	U,G	0.497							12.8	G	3.75	-6.32	U,G	57.3
SW-06-23-SL	-0.0143	U,G	0.299							15	G	3.49	-6.09	U,G	39.2
SW-07-05-SL	-0.0144	U,G	0.315							18.3	G	2.77	14.4	U,G	27.8

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Niobium-95			Plutonium 238			Plutonium 239/240			Potassium-40			Protactinium-234		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SW-07-15-SL	0.139	U,G	0.434							15.8	G	3.41	16.9	U,G	44.3
SW-07-23-SL	0.239	G,TI	0.231							14.4	G	3.18	10.9	U,G	38.4
SW-08-03-SL	-0.0401	U,G	0.339							15.5	G	3.78	-3.09	U,G	43.6
SW-08-05-SL	-0.122	U,G	0.299							16.1	G	2.96	20.4	U,G	41.5
SW-08-15-SL	0.128	U,G	0.339							17.2	G	3.46	20.6	U,G	48.3
SW-08-25-SL	0.0799	U	0.139							2.84	TI	1.58	7.63	U	22.9

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Ruthenium-106			Scandium 46			Silver-110			Sodium-22			Technetium-99		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-13-09-SL	0.834	U,G	1.84	-0.0236	U,G	0.272	-0.0123	U,G	0.206	-0.121	U,G	0.309	0.68	U	1.48
BD-13-15-SL	-0.888	U,G	1.92	-0.00344	U,G	0.246	0.0176	U,G	0.185	-0.0838	U,G	0.328	0.74	U	1.41
BD-13-23-SL	0.0602	U,G	1.89	-0.0622	U,G	0.292	-0.123	U,G	0.27	0.0991	U,G	0.22	0.809	U	1.47
BD-13-30-SL	0.277	U,G	1.39	-0.0142	U,G	0.2	0.0413	U,G	0.172	-0.016	U,G	0.254	1.01	U	1.48
BD-14-05-SL	-0.12	U,G	2.17	0.168	U,G	0.311	0.0603	U,G	0.173	-0.0456	U,G	0.343	1.39	U	1.52
BD-14-13-SL	0.0553	U,G	1.73	-0.054	U,G	0.25	0.0146	U,G	0.202	0.0578	U,G	0.222	0.619	U	1.45
BD-14-25-SL	-0.791	U	2.2	-0.123	U	0.354	0.134	U	0.146	-0.129	U	0.419	0.197	U	1.47
BD-14-31-SL	1.26	U	1.9	0.0179	U	0.193	-0.0801	U	0.241	-0.0435	U	0.285	-0.0109	U	1.47
BD-15-05-SL	-0.322	U,G	1.87	0.0546	U,G	0.253	-0.0374	U,G	0.217	0.0446	U,G	0.183	0.127	U	1.49
BD-15-17-SL	0.436	U,G	2.53	-0.159	U,G	0.413	-0.0936	U,G	0.354	-0.0829	U,G	0.415	0.214	U	1.62
BD-15-25-SL	0.317	U	1.72	-0.0378	U	0.236	0.0106	U	0.188	0.0327	U	0.234	0.924	U	1.4
BD-15-31-SL	-0.785	U,G	2.63	0	U,G	0.269	0.0587	U,G	0.251	0.0996	U,G	0.351	0.318	U	1.6
BD-16-05-SL	0.506	U,G	2.11	0.0203	U,G	0.322	-0.0622	U,G	0.278	-0.216	U,G	0.451	1.61	LT	1.51
BD-16-15-SL	-0.188	U,G	2.17	0.00445	U,G	0.236	-0.0503	U,G	0.231	-0.0271	U,G	0.27	0.00793	U	1.47
BD-16-19-SL	0.638	U,G	1.77	-0.131	U,G	0.297	0.0238	U,G	0.198	0	U,G	0.242	0.0796	U	1.39
BD-16-25-SL	-0.702	U,G	2.83	0	U,G	0.358	-0.0553	U,G	0.321	0.266	U,G	0.286	0.243	U	1.46
BD-16-34-SL	0.17	U,G	1.82	0.0932	U,G	0.27	0.0773	U,G	0.178	-0.0514	U,G	0.336	0.161	U	1.48
BLD240-01-01	-0.66	U	1.77	-0.024	U	0.204	-0.037	U	0.198	-0.1	U	0.28			
BLD240-01-09	-0.18	U	1.59	0.075	U	0.154	-0.039	U	0.196	0.02	U	0.19			
BLD240-01-09FD	0.39	U	1.53	-0.05	U	0.23	-0.053	U	0.165	0.02	U	0.2			
BLD240-01-31															
BLD240-03-04	-0.6	U	2.1	0.03	U	0.31	-0.11	U	0.28	-0.06	U	0.32			
BLD240-03-04FD	0.27	U	1.57	0.02	U	0.27	0	U	0.183	0.04	U	0.2			
BLD240-03-14															
BLD240-03-19	-0.1	U	2.4	-0.14	U	0.3	-0.09	U	0.29	0.15	U	0.25			
BLD240-04-02	0.7	U	1.8	0.08	U	0.16	-0.03	U	0.179	-0.03	U	0.26			
BLD240-04-04	-0.52	U	1.73	0.007	U	0.175	0.077	U	0.126	-0.06	U	0.26			
BLD240-04-33															
BLD240-05-01	0	U	1.87	-0.05	U	0.29	0.1	U	0.21	0.03	U	0.27			
BLD240-05-02	-0.2	U	2.2	0.05	U	0.27	-0.03	U	0.24	0.03	U	0.25			
BLD253-02-01	0.35	U	0.84	0.035	U	0.179	0.055	U	0.11	0.043	U	0.153			
BLD253-02-04	-0.45	U	1.76	-0.03	U	0.28	0.09	U	0.23	0.04	U	0.2	7.5	=	1.4
BLD253-02-21FD	0	U	1.38	0.08	U	0.2	-0.009	U	0.168	-0.022	U	0.205			
BLD253-02-21															
BLD255-05-01															
BLD255-05-23															
BLD255-07-02	-0.16	U	1.55	-0.06	U	0.23	-0.028	U	0.173	-0.01	U	0.24			
BLD255-07-15	-0.1	U	1.91	0	U	0.24	0.07	U	0.21	0.01	U	0.22			
BLD255-07-33															
BLD255-08-01	-0.42	U	1.89	0.03	U	0.22	0.028	U	0.17	-0.07	U	0.26	30.2	=	1.3
BLD255-08-08	-1.1	U	2.4	-0.16	U	0.33	-0.01	U	0.25	-0.04	U	0.31			
BLD260-06-01	-1	U	2	-0.008	U	0.174	0.046	U	0.131	0.02	U	0.23			
BLD260-06-03	-1	U	2.4	-0.08	U	0.36	-0.05	U	0.29	0.02	U	0.32			

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Ruthenium-106			Scandium 46			Silver-110			Sodium-22			Technetium-99		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BLD260-06-31															
BP-13-05-SL	0.322	U,G	2.01	0.049	U,G	0.258	-0.0282	U,G	0.226	-0.013	U,G	0.303	0.59	U	0.811
BP-13-11-SL	-0.0893	U,G	2.06	-0.0458	U,G	0.287	0.0188	U,G	0.18	-0.0915	U,G	0.269	0.416	U	0.806
BP-13-15-SL	0.587	U,G	1.76	0.0577	U,G	0.252	0.00993	U,G	0.249	-0.155	U,G	0.432	0.323	U	0.82
BP-13-25-SL	0.321	U,G	2.15	0.0684	U,G	0.224	0.0721	U,G	0.242	-0.187	U,G	0.402	0.361	U	0.819
BP-13-35-SL	0.0425	U,G	1.73	0.0109	U,G	0.273	-0.0609	U,G	0.187	-0.073	U,G	0.27	0.587	U	0.824
BP-17-05-SL	0	U,G	2.54	0.0208	U,G	0.33	0	U,G	0.25	-0.173	U,G	0.412	4.26		1.31
BP-17-15-SL	0.199	U	1.18	-0.0839	U	0.271	-0.0379	U	0.163	0.0101	U	0.191	2.46	LT	1.31
BP-17-23-SL	0.652	U,G	1.7	-0.0445	U,G	0.274	-0.0385	U,G	0.223	0.115	U,G	0.217	1.66	LT	1.26
BP-17-31-SL	-0.124	U,G	2.16	0	U,G	0.279	-0.0782	U,G	0.293	0	U,G	0.308	0.311	U	1.29
BP-18-05-SL	-0.316	U,G	2.12	-0.0164	U,G	0.329	-0.0118	U,G	0.214	-0.0473	U,G	0.381	0.0413	U	1.32
BP-18-15-SL	-0.266	U,G	2.5	-0.148	U,G	0.427	0.0186	U,G	0.226	0	U,G	0.378	-0.051	U	1.32
BP-18-25-SL	-0.657	U,G	2.52	0	U,G	0.32	-0.0367	U,G	0.239	0.0197	U,G	0.36	0.34	U	1.32
BP-18-31-SL	0.608	U	1.3	-0.0297	U	0.165	-0.0372	U	0.167	0.0518	U	0.156	0.39	U	1.25
BP-19-05-SL	-0.389	U	1.79	0.114	U	0.182	0.024	U	0.164	-0.0436	U	0.29	-0.232	U	1.3
BP-19-13-SL	-0.518	U	1.99	0	U	0.244	-0.058	U	0.232	-0.12	U	0.374	-0.195	U	1.3
BP-19-25-SL	-0.0324	U,G	2.15	0.0311	U,G	0.215	0.0254	U,G	0.19	0.0419	U,G	0.198	0.217	U	1.34
BP-19-29-SL	0.111	U	1.94	-0.0177	U	0.266	0.0234	U	0.224	0.0211	U	0.335	0.00358	U	1.27
BP-20-03-SL	0	U	1.99	0.0703	U	0.293	0.0278	U	0.187	0.0417	U	0.224	-0.721	U	1.46
BP-20-19-SL	0	U,G	2.22	-0.0462	U,G	0.337	-0.0111	U,G	0.215	-0.0444	U,G	0.358	-0.0758	U	1.47
BP-20-27-SL	0.49	U	1.19	-0.0713	U	0.207	-0.00988	U	0.158	0.00831	U	0.196	-0.425	U	1.52
BP-21-07-SL	-0.121	U,G	2.28	0.078	U,G	0.325	0.0801	U,G	0.245	-0.023	U,G	0.324	-0.286	U	1.47
BP-21-07-SL-FD	-0.185	U	1.97	-0.0725	U	0.3	-0.0518	U	0.227	-0.141	U	0.388	-0.579	U	1.43
BP-21-13-SL	0.475	U	1.55	-0.0286	U	0.261	-0.0197	U	0.219	-0.0363	U	0.206	-0.518	U	1.46
BP-21-24-SL	0.12	U,G	1.91	-0.0968	U,G	0.351	0.0135	U,G	0.231	0.0684	U,G	0.38	-0.828	U	1.49
BP-21-34-SL	-0.0883	U	1.83	-0.0692	U	0.27	0.0792	U	0.13	0.00396	U	0.194	-0.413	U	1.47
BP-22-05-SL	-0.0223	U,G	1.68	0.0907	U,G	0.194	0.102	U,G	0.152	0.251	G,TI	0.24	-0.216	U	1.49
BP-22-13-SL	0.931	U,G	1.81	-0.029	U,G	0.309	0	U,G	0.174	0.0961	U,G	0.252	0.0553	U	1.42
BP-22-23-SL	-0.209	U	1.67	-0.0137	U	0.24	-0.0713	U	0.205	0.0927	U	0.228	-0.158	U	1.36
BP-22-33-SL	0.296	U	1.92	0	U	0.251	0.0347	U	0.18	0.0937	U	0.202	0.374	U	1.45
CB-02-05-SL	-0.771	U,G	2.05	-0.0301	U,G	0.273	-0.0216	U,G	0.188	-0.0167	U,G	0.235	0.785	LT	0.777
CB-02-05-SL-FD	0.216	U,G	1.72	0	U,G	0.345	-0.0729	U,G	0.252	0.0872	U,G	0.314	0.894	LT	0.806
CB-02-15-SL	1.05	U,G	1.66	0	U,G	0.248	-0.032	U,G	0.201	0	U,G	0.275	0.126	U	0.775
CB-02-25-SL	0.204	U,G	2.05	0.0162	U,G	0.243	0.0229	U,G	0.216	-0.178	U,G	0.384	0.0387	U	0.777
DM-02-05-SL	-1.08	U	2.42	0.0698	U	0.246	-0.0864	U	0.287	0	U	0.323	13.9		1.31
DM-02-17-SL	0.259	U,G	1.93	-0.0457	U,G	0.279	0.0164	U,G	0.227	-0.104	U,G	0.328	0.896	U	1.32
DM-02-22-SL	-0.803	U	2.51	0.0561	U	0.281	-0.0339	U	0.272	0.0434	U	0.26	10.9		1.32
DM-02-33-SL	-0.525	U	2.06	0.147	U	0.193	0.0123	U	0.192	-0.0256	U	0.256	-0.155	U	1.25
DM-03-05-SL	0.0228	U,G	1.98	0.0774	U,G	0.233	-0.0743	U,G	0.25	0.108	U,G	0.226	2.54	LT	1.49
DM-03-05-SL-FD	-0.66	U,G	2.66	-0.0649	U,G	0.343	0.00745	U,G	0.303	-0.0499	U,G	0.327	6.22		1.53
DM-03-13-SL	-0.793	U,G	2.44	-0.0419	U,G	0.258	-0.0197	U,G	0.226	-0.0891	U,G	0.262	5.84		1.37
DM-03-25-SL	0.127	U,G	2.11	0.0208	U,G	0.293	-0.109	U,G	0.301	-0.144	U,G	0.417	7.04		1.44
DM-03-34-SL	0.111	U,G	1.92	-0.0626	U,G	0.305	-0.00515	U,G	0.204	-0.00934	U,G	0.253	0.895	U	1.51

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Ruthenium-106			Scandium 46			Silver-110			Sodium-22			Technetium-99		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
EP-13-03-SL	-0.574	UJ	2.25	-0.0448	UJ	0.26	0.0428	UJ	0.17	0	UJ	0.249	13.9	=	1.44
EP-13-13-SL	1.03	UJ	2.58	0.0627	UJ	0.314	-0.0144	UJ	0.247	0.121	UJ	0.261	8.58	=	1.48
EP-13-25-SL	-0.0959	UJ	1.87	-0.0598	UJ	0.271	0.0322	UJ	0.151	0	UJ	0.263	6.39	=	1.42
EP-13-30-SL	0.611	UJ	1.49	-0.0655	UJ	0.222	-0.0245	UJ	0.199	0.025	UJ	0.217	131	=	1.48
EP-14-05-SL	0.141	UJ	2.65	0.115	UJ	0.364	0.0693	UJ	0.223	0.213	UJ	0.319	12.8	=	1.49
EP-14-13-SL	-0.572	UJ	1.92	0	UJ	0.259	0.0213	UJ	0.186	-0.066	UJ	0.287	1.53	J	1.51
EP-14-25-SL	-0.733	UJ	2.17	-0.0654	UJ	0.308	0.082	UJ	0.204	0.0725	UJ	0.256	2.06	J	1.45
EP-14-31-SL	0.618	UJ	1.62	0.0374	UJ	0.183	0.00884	UJ	0.182	0.0624	UJ	0.158	0.538	UJ	1.49
EP-15-05-SL	0.525	U,G	2.36	0.0843	U,G	0.281	0.0826	U,G	0.222	-0.0328	U,G	0.325	3.42		0.838
EP-15-13-SL	-0.512	U,G	2.24	0.0822	U,G	0.216	0.0461	U,G	0.224	0.165	U,G	0.335	4.31		0.784
EP-15-25-SL	0.517	U	1.64	0.0511	U	0.204	-0.00146	U	0.21	0	U	0.256	11		0.805
EP-15-29-SL	-0.281	U	2	-0.03	U	0.25	0.021	U	0.205	0.0543	U	0.289	0.62	U	0.801
EP-16-05-SL	0.502	U,G	2.08	-0.0967	U,G	0.318	-0.0605	U,G	0.226	-0.0649	U,G	0.303	2.62	LT	0.81
EP-16-15-SL	-0.535	U,G	2.05	0.056	U,G	0.198	0	U,G	0.167	-0.0154	U,G	0.245	17.1		0.824
EP-16-27-SL	0.303	U	0.994	-0.0596	U	0.198	0.0255	U	0.111	-0.0131	U	0.158	5.24		0.802
EP-17-05-SL	-0.78	U,G	2.53	-0.0857	U,G	0.417	-0.152	U,G	0.365	-0.0245	U,G	0.389	1.17	LT	0.81
EP-17-15-SL	0	U,G	2.14	-0.0322	U,G	0.334	-0.0338	U,G	0.227	-0.0717	U,G	0.391	3.74		0.87
EP-17-25-SL	-0.277	U,G	2.51	-0.0684	U,G	0.414	0.197	G,TI	0.18	-0.104	U,G	0.455	5.21		0.812
EP-17-30-SL	0.267	U	1.68	0.0429	U	0.202	0.02	U	0.167	0.0119	U	0.239	0.0559	U	0.794
EP-18-09-SL	-0.274	UJ	2.38	0.0669	UJ	0.335	0.0309	UJ	0.264	-0.0518	UJ	0.279	11.7	=	1.46
EP-18-09-SL-FD	0.357	UJ	1.68	-0.114	UJ	0.27	-0.0469	UJ	0.199	-0.0143	UJ	0.292	6.68	=	1.5
EP-18-15-SL	-0.572	UJ	2.21	-0.0626	UJ	0.299	-0.00262	UJ	0.197	-0.101	UJ	0.335	1.45	U	1.46
EP-18-29-SL	-0.385	UJ	2.23	0.125	UJ	0.314	-0.126	UJ	0.314	-0.097	UJ	0.44	0.952	UJ	1.54
EP-19-05-SL	0.106	UJ	1.93	0.0527	UJ	0.268	0.0038	UJ	0.217	-0.0135	UJ	0.333	11.4	=	1.45
EP-19-13-SL	0.979	U	1.45	-0.165	UJ	0.365	0.00402	UJ	0.226	-0.0634	UJ	0.288	10.4	=	1.51
EP-19-25-SL	0.21	UJ	1.42	0.0329	UJ	0.252	-0.00131	UJ	0.189	-0.0268	UJ	0.267	4.77	=	1.48
EP-19-31-SL	-0.0148	UJ	1.76	-0.0482	UJ	0.251	-0.031	UJ	0.189	-0.18	UJ	0.327	0.708	UJ	1.56
EP-20-05-SL	-0.125	U,G	1.98	-0.0876	U,G	0.269	0.0148	U,G	0.209	-0.12	U,G	0.308	3.04		0.821
EP-20-15-SL	0.495	U,G	1.96	-0.0598	U,G	0.375	0.0365	U,G	0.16	-0.141	U,G	0.408	2.74	LT	0.821
EP-20-25-SL	-0.164	U,G	1.84	-0.0984	U,G	0.276	0.0478	U,G	0.162	0.0214	U,G	0.293	3.93		0.796
LF-06-05-SL	0.376	U,G	1.88	-0.102	U,G	0.346	-0.0126	U,G	0.202	-0.0106	U,G	0.287	4.26		1.5
LF-06-13-SL	-0.664	U,G	2.02	0.0417	U,G	0.253	-0.00444	U,G	0.214	-0.0862	U,G	0.32	0.913	U	1.4
LF-06-27-SL	-0.5	U,G	2	-0.0198	U,G	0.256	-0.0357	U,G	0.207	0.0415	U,G	0.272	0.328	U	1.41
LF-06-32-SL	0.0618	U,G	1.65	0.0157	U,G	0.217	0.0557	U,G	0.17	-0.0047	U,G	0.239	0.513	U	1.43
LF--07-09-SL	-0.248	U,G	2.01	-0.05	U,G	0.313	-0.0708	U,G	0.218	-0.033	U,G	0.33	0.157	U	1.41
LF-07-15-SL	0.429	U,G	1.82	-0.0497	U,G	0.313	0.0039	U,G	0.219	-0.0463	U,G	0.295	0.173	U	1.48
LF-07-25-SL	0.425	U,G	2.14	-0.0335	U,G	0.315	-0.0834	U,G	0.254	0.114	U,G	0.262	0.944	U	1.39
LF-07-34-SL	-0.374	U,G	2.34	0.121	U,G	0.242	0.0753	U,G	0.197	-0.165	U,G	0.393	1.09	U	1.35
LF-08-05-SL	0.515	U,G	2.24	0.0417	U,G	0.313	-0.0725	U,G	0.334	-0.171	U,G	0.425	4.37		1.48
LF-08-05-SL-FD	-0.357	U,G	2.06	0.165	G,TI	0.161	-0.111	U,G	0.237	0.07	U,G	0.27	4.36		1.48
LF-08-15-SL	-0.471	U,G	1.84	-0.0438	U,G	0.219	0.0211	U,G	0.183	0.0163	U,G	0.272	0.232	U	1.42
LF-08-21-SL	0.111	U,G	2.29	-0.0872	U,G	0.34	0.0248	U,G	0.186	0.0793	U,G	0.363	0.198	U	1.47
LF-08-37-SL	-0.479	U,G	2.09	-0.0194	U,G	0.323	-0.103	U,G	0.284	-0.0227	U,G	0.272	4.21		1.37

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Ruthenium-106			Scandium 46			Silver-110			Sodium-22			Technetium-99		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
LF-09-03-SL	-0.527	U,G	2.31	-0.049	U,G	0.259	0.0118	U,G	0.187	0.0549	U,G	0.274	1.6	LT	1.41
LF-09-17-SL	-1.48	U,G	2.74	0.133	U,G	0.29	-0.0355	U,G	0.238	-0.118	U,G	0.364	0.52	U	1.39
LF-09-25-SL	-0.712	U,G	2.28	-0.0315	U,G	0.222	-0.102	U,G	0.267	0.0352	U,G	0.248	0.686	U	1.39
LF-09-31-SL	-0.0946	U,G	1.9	0.0149	U,G	0.196	-0.0318	U,G	0.185	-0.0466	U,G	0.294	0.136	U	1.35
NB-28-04-SL	-0.13	U,G	2.54	-0.0658	U,G	0.292	-0.056	U,G	0.256	0.011	U,G	0.258	0.438	U	0.838
NB-28-14-SL	0.126	U,G	2.37	0.0213	U,G	0.32	-0.00357	U,G	0.268	0	U,G	0.254	0.36	U	0.8
NB-28-24-SL	0.00699	U,G	1.8	0.101	U,G	0.19	-0.0554	U,G	0.183	-0.0515	U,G	0.273	0.0554	U	0.821
NB-28-35-SL	-0.342	U,G	1.74	-0.0533	U,G	0.25	0.0494	U,G	0.155	-0.0741	U,G	0.26	0.244	U	0.785
NB-29-05-SL	0.656	U,G	2.56	-0.0888	U,G	0.387	0.113	U,G	0.291	0.0985	U,G	0.296	0.25	U	0.819
NB-29-14-SL	-0.283	U,G	1.75	0.00977	U,G	0.241	-0.0489	U,G	0.184	0.0286	U,G	0.218	0.111	U	0.804
NB-29-22-SL	-0.488	U	1.47	0.0268	U	0.226	-0.0286	U	0.165	-0.034	U	0.194	0.321	U	0.813
NB-30-05-SL	-0.221	U,G	2.42	-0.0174	U,G	0.328	-0.124	U,G	0.303	-0.331	U,G	0.476	0.0796	U	0.801
NB-30-15-SL	-0.106	U,G	2.38	-0.15	U,G	0.402	-0.0119	U,G	0.239	-0.162	U,G	0.444	0.14	U	0.817
NB-30-25-SL	0.26	U,G	1.83	-0.105	U,G	0.334	-0.0183	U,G	0.275	0.0738	U,G	0.296	0.141	U	0.81
NB-30-33-SL	0.19	U,G	1.86	-0.03	U,G	0.25	-0.0214	U,G	0.221	0.0597	U,G	0.179	0.0275	U	0.792
NB-31-05-SL	0	U,G	2.59	0	U,G	0.315	0.107	U,G	0.279	-0.13	U,G	0.414	-0.0307	U	0.826
NB-31-15-SL	0	U,G	2	0.0424	U,G	0.246	0.0612	U,G	0.122	0.0158	U,G	0.237	0.726	U	0.778
NB-31-27-SL	-0.705	U,G	2.47	-0.0794	U,G	0.338	0.0113	U,G	0.234	0.0631	U,G	0.293	-0.134	U	0.81
NB-31-32-SL	0.121	U,G	2.58	-0.0393	U,G	0.312	0.0136	U,G	0.233	-0.0688	U,G	0.345	-0.139	U	0.799
NB-32-05-SL	0.514	U,G	2.04	0.0416	U,G	0.33	0.0127	U,G	0.26	0	U,G	0.366	0.402	U	0.834
NB-32-15-SL	0.748	U,G	1.98	0.0605	U,G	0.284	-0.0509	U,G	0.295	-0.142	U,G	0.428	0.789	U	0.833
NB-32-27-SL	0.969	U,G	1.88	-0.0453	U,G	0.282	0.0764	U,G	0.146	-0.0265	U,G	0.264	1.68	LT	0.872
NB-32-33-SL	-0.356	U,G	2.46	0.0576	U,G	0.207	-0.0301	U,G	0.251	0.0225	U,G	0.27	0.32	U	0.824
NB-33-05-SL	-0.202	U,G	1.71	0.113	U,G	0.209	-0.0173	U,G	0.224	-0.155	U,G	0.342	0.545	U	0.831
NB-33-15-SL	-0.378	U,G	2.19	0.0814	U,G	0.306	0.0655	U,G	0.277	0.0238	U,G	0.286	0.102	U	0.867
NB-33-27-SL	0.395	U	1.46	-0.0667	U	0.257	-0.0284	U	0.163	-0.0232	U	0.232	0.586	U	0.805
NB-34-05-SL	0	U,G	2.21	0	U,G	0.358	-0.0483	U,G	0.28	-0.0241	U,G	0.339	-0.00039	U	0.863
NB-34-15-SL	-0.682	U,G	2.29	0.094	U,G	0.238	0.0185	U,G	0.198	-0.0128	U,G	0.299	0.26	U	0.881
NB-34-25-SL	-0.103	U	1.72	-0.0167	U	0.25	-0.109	U	0.227	-0.0195	U	0.255	0.329	U	0.843
NB-35-01-SL	0.376	U,G	2.28	-0.0199	U,G	0.347	0.162	U,G	0.181	-0.0477	U,G	0.432	0.327	U	0.851
NB-35-15-SL	0.359	U,G	1.9	-0.038	U,G	0.345	-0.0269	U,G	0.23	0.0455	U,G	0.245	0.0952	U	0.806
NB-35-25-SL	-0.183	U,G	2	-0.0975	U,G	0.271	-0.0306	U,G	0.199	0.111	U,G	0.117	0.194	U	0.839
NB-36-05-SL	0.089	U,G	1.84	-0.0271	U,G	0.255	-0.0298	U,G	0.212	0.0309	U,G	0.218	0.148	U	0.829
NB-36-15-SL	0.472	U,G	1.87	-0.169	U,G	0.388	0.0596	U,G	0.17	0.0448	U,G	0.208	0.239	U	0.819
NB-36-27-SL	-0.689	U	2.51	0	U	0.257	0.0209	U	0.252	-0.131	U	0.327	-0.00447	U	0.891
NB-37-05-SL	-0.604	U,G	2.37	0	U,G	0.317	0.0113	U,G	0.259	-0.0858	U,G	0.38	0.282	U	0.846
NB-37-15-SL	0.475	U,G	2.07	0.115	U,G	0.287	-0.0301	U,G	0.251	-0.0901	U,G	0.357	0.526	U	0.815
NB-37-25-SL	0.56	U,G	1.76	0.0585	U,G	0.232	0.0104	U,G	0.21	-0.1	U,G	0.307	0.0513	U	0.822
NB-38-09-SL	-0.525	U,G	1.8	0.0933	U,G	0.223	0.0527	U,G	0.157	0.0539	U,G	0.275	0.46	U	0.832
NB-38-15-SL	-0.395	U	1.75	-0.038	U	0.248	-0.0341	U	0.175	-0.136	U	0.282	0.149	U	0.808
NB-38-25-SL	0.373	U	1.57	-0.0991	U	0.255	0.0493	U	0.163	-0.0314	U	0.295	0.268	U	0.819
NB-39-05-SL	-1.05	U,G	2.57	0.0836	U,G	0.303	0.0235	U,G	0.244	0.0437	U,G	0.247	2.11	LT	0.858
NB-39-15-SL	0.054	U,G	1.69	0.0596	U,G	0.221	0.0133	U,G	0.204	0.0377	U,G	0.246	2.43	LT	0.842

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Ruthenium-106			Scandium 46			Silver-110			Sodium-22			Technetium-99		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-39-25-SL	0.118	U,G	2.14	0.0194	U,G	0.323	-0.0216	U,G	0.28	0.0446	U,G	0.315	0.424	U	0.836
NB-39-30-SL	-0.0995	U,G	2.12	-0.0159	U,G	0.309	0.0894	U,G	0.225	-0.0119	U,G	0.342	0.481	U	0.83
NB-40-05-SL	0.358	U,G	2.25	0.118	U,G	0.296	-0.114	U,G	0.274	0.203	G,TI	0.166	0.0852	U	0.844
NB-40-05-SL-FD	0.836	U	1.69	-0.0991	U	0.26	-0.0276	U	0.183	-0.0819	U	0.264	0.23	U	0.862
NB-40-17-SL	-0.1	U,G	2.41	0	U,G	0.324	-0.0226	U,G	0.253	-0.0404	U,G	0.346	0.491	U	0.798
NB-40-25-SL	-0.635	U	2.54	-0.0174	U	0.277	0.0328	U	0.224	0.02	U	0.215	0.83	LT	0.779
NB-40-31-SL	-0.219	U	1.48	-0.0502	U	0.203	-0.0677	U	0.163	-0.0747	U	0.227	0.224	U	0.825
NB-41-05-SL	0.0906	U	2.08	-0.0868	U	0.317	-0.0204	U	0.228	-0.0608	U	0.28	0.17	U	0.839
NB-41-13-SL	-0.561	U	1.82	0.046	U	0.184	0.00922	U	0.189	-0.0176	U	0.231	0.254	U	0.812
NB-41-19-SL	0.108	U,G	1.74	0.0405	U,G	0.238	0.00485	U,G	0.174	-0.0634	U,G	0.257	0.273	U	0.784
NB-42-05-SL	0.273	U,G	1.58	-0.0572	U,G	0.227	-0.0612	U,G	0.211	-0.0472	U,G	0.262	0.536	U	0.85
NB-42-13-SL	-0.409	U	1.99	-0.0168	U	0.237	-0.0144	U	0.217	-0.058	U	0.307	0.401	U	0.766
NB-42-23-SL	-1.02	U	1.72	-0.042	U	0.214	0.0372	U	0.142	-0.0235	U	0.195	0.19	U	0.823
NB-43-05-SL	-0.525	U,G	1.87	0	U,G	0.24	-0.0294	U,G	0.191	-0	U,G	0.227	0.391	U	0.779
NB-43-13-SL	-0.324	U	1.58	0.0258	U	0.194	0.0364	U	0.183	0.0145	U	0.199	0.341	U	0.809
NB-44-05-SL	0.403	U	1.32	0	U	0.248	0.0241	U	0.184	0.133	U	0.177	0.355	U	0.787
NB-44-05-SL-FD	0.336	U,G	1.58	-0.0586	U,G	0.221	0.021	U,G	0.168	0.0101	U,G	0.241	-0.163	U	0.829
NB-44-11-SL	0.216	U	1.01	-0.0677	U	0.159	-0.0563	U	0.146	0.0124	U	0.149	0.499	U	0.805
NB-44-18-SL	-0.0821	U	1.55	-0.0787	U	0.238	-0.0369	U	0.197	-0.121	U	0.283	0.514	U	0.778
NB-45-05-SL	1.21	U,G	1.9	0.11	U,G	0.238	-0.0683	U,G	0.309	0.0763	U,G	0.382	0.129	U	0.812
NB-45-05-SL-FD	0.68	U,G	2.56	0.111	U,G	0.314	-0.0115	U,G	0.333	0.154	U,G	0.238	0.451	U	0.766
NB-45-13-SL	0.383	U,G	2.49	-0.146	U,G	0.394	0.0234	U,G	0.282	-0.0241	U,G	0.382	0.288	U	0.793
NB-45-25-SL	0.135	U,G	2.54	0.0442	U,G	0.368	0.0627	U,G	0.246	0.153	U,G	0.274	0.51	U	0.823
NB-45-33-SL	-0.595	U	1.62	0.0719	U	0.225	-0.00752	U	0.152	0.00982	U	0.234	0.727	U	0.774
NB-46-09-SL	-0.562	U	2.26	0.0368	U	0.292	0.038	U	0.216	-0.254	U	0.413	0.716	U	0.831
NB-46-17-SL	0.703	U,G	1.55	0.126	U,G	0.206	-0.0261	U,G	0.184	-0.0962	U,G	0.288	0.619	U	0.811
NB-46-25-SL	-0.777	U,G	2.33	-0.0155	U,G	0.292	-0.12	U,G	0.256	-0.026	U,G	0.35	0.676	U	0.836
NB-46-29-SL	-0.392	U,G	1.78	0.113	U,G	0.217	0.0191	U,G	0.163	-0.0601	U,G	0.293	0.458	U	0.827
NB-47-05-SL	-0.0838	U	1.83	0	U	0.159	-0.0188	U	0.132	-0.116	U	0.291	0.25	U	0.986
NB-47-15-SL	-0.0475	U,G	1.93	-0.0583	U,G	0.258	-0.0534	U,G	0.246	0.0801	U,G	0.216	0.0418	U	1.03
NB-47-25-SL	1.22	U,G	1.78	0.224	U,G	0.294	0.0115	U,G	0.288	0	U,G	0.336	0.334	U	1.05
NB-47-31-SL	-0.672	U,G	2.05	-0.0758	U,G	0.285	0.0861	U,G	0.141	0.0664	U,G	0.218	0.24	U	1.02
NB-48-05-SL	0.946	U,G	1.84	0.0455	U,G	0.286	-0.0425	U,G	0.239	0.156	U,G	0.207	0.304	U	1.01
NB-48-11-SL	0.314	U,G	1.82	0.042	U,G	0.28	0.0543	U,G	0.212	-0.145	U,G	0.31	0.541	U	1.01
NB-48-15-SL	-0.125	U,G	2.52	0.0206	U,G	0.27	0.0406	U,G	0.254	0.0708	U,G	0.354	0.37	U	1
NB-48-25-SL	0.27	U,G	1.75	0.0142	U,G	0.213	-0.0504	U,G	0.215	-0.0311	U,G	0.219	0.459	U	1.03
NB-48-35-SL	0.572	U,G	1.92	0.0153	U,G	0.266	0.0321	U,G	0.234	0.115	U,G	0.256	0.754	U	1.06
NB-49-05-SL	-0.964	U,G	2.46	0.0513	U,G	0.298	0.012	U,G	0.277	-0.0335	U,G	0.402	0.346	U	1.05
NB-49-05-SL-FD	0.248	U,G	2.06	0.0608	U,G	0.322	0.0105	U,G	0.262	0	U,G	0.33	0.429	U	1.06
NB-49-15-SL	-0.315	U,G	2.3	-0.235	U,G	0.394	0	U,G	0.265	-0.103	U,G	0.379	-0.00802	U	1.03
NB-49-25-SL	1.07	U,G	1.76	-0.0472	U,G	0.291	0.00826	U,G	0.207	-0.0414	U,G	0.223	0.163	U	1.07
NB-49-37-SL	1.07	U,G	1.99	-0.0196	U,G	0.341	-0.0404	U,G	0.23	-0.0676	U,G	0.338	0.596	U	1.05
NB-50-05-SL	-0.8	U,G	2.35	0.16	U,G	0.24	0.0112	U,G	0.226	0.0179	U,G	0.328	0.162	U	1.03

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Ruthenium-106			Scandium 46			Silver-110			Sodium-22			Technetium-99		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-50-15-SL	1.12	U,G	1.79	0.0168	U,G	0.27	-0.0962	U,G	0.246	-0.01	U,G	0.272	0.328	U	1.06
NB-50-25-SL	0.998	U,G	1.87	-0.123	U,G	0.436	-0.0809	U,G	0.306	0.0236	U,G	0.309	0.218	U	1.04
NB-50-37-SL	0.256	U	1.77	0.0134	U	0.175	-0.0286	U	0.166	0.0295	U	0.177	0.134	U	1.05
NB-51-05-SL	0.0901	U,G	1.5	0.0566	U,G	0.186	0	U,G	0.203	0.0779	U,G	0.187	0.0235	U	1.06
NB-51-13-SL	0.103	U,G	2.2	0.0165	U,G	0.261	-0.0463	U,G	0.266	-0.212	U,G	0.431	0.327	U	1.03
NB-51-25-SL	-0.887	U,G	2.24	0.0144	U,G	0.31	0.0548	U,G	0.202	0.0452	U,G	0.268	0.369	U	1.01
NB-51-37-SL	0.0927	U,G	1.68	-0.0583	U,G	0.254	-0.0416	U,G	0.209	0	U,G	0.291	0.214	U	1.04
NB-52-05-SL	0	U,G	2.26	0.0211	U,G	0.368	-0.141	U,G	0.308	-0.123	U,G	0.389	0.242	U	1.01
NB-52-13-SL	-1.44	U,G	2.76	0.0979	U,G	0.23	0.0115	U,G	0.232	-0.115	U,G	0.354	0.0953	U	1.04
NB-52-25-SL	-0.126	U,G	1.89	-0.0917	U,G	0.375	-0.0354	U,G	0.203	0.0122	U,G	0.23	0.298	U	0.997
NB-52-35-SL	-0.125	U,G	2.51	0.0407	U,G	0.306	0.00352	U,G	0.213	0.0472	U,G	0.174	-0.184	U	1.04
NB-53-05-SL	-0.358	U,G	1.8	-0.0699	U,G	0.254	-0.02	U,G	0.174	-0.155	U,G	0.302	0.0829	U	1.01
NB-53-13-SL	0.586	U,G	1.73	-0.0395	U,G	0.238	-0.0273	U,G	0.216	0.00667	U,G	0.253	0.49	U	1.02
NB-53-23-SL	0.131	U,G	1.96	0.0426	U,G	0.256	0	U,G	0.252	0.0988	U,G	0.392	0.0977	U	1.05
NB-53-33-SL	-0.403	U,G	1.84	-0.0294	U,G	0.27	0.0882	U,G	0.168	0.0408	U,G	0.217	0.297	U	0.993
NB-54-05-SL	0.883	U,G	1.71	-0.0467	U,G	0.283	0.011	U,G	0.235	0.123	U,G	0.241	0.292	U	1.03
NB-54-13-SL	-0.643	U,G	2.46	0	U,G	0.309	0.0963	U,G	0.226	0.0144	U,G	0.288	0.122	U	0.941
NB-54-25-SL	-0.751	U,G	2.6	0.0409	U,G	0.307	0.0371	U,G	0.276	0.0947	U,G	0.255	0.376	U	0.98
NB-54-31-SL	0.668	U	1.18	0.0591	U	0.167	-0.0333	U	0.157	0.11	U	0.163	0.129	U	0.957
NB-55-05-SL	0.735	U,G	2.04	-0.02	U,G	0.318	-0.0759	U,G	0.281	0.116	U,G	0.17	0.213	U	0.999
NB-55-13-SL	-0.494	U,G	2.32	0.0472	U,G	0.25	-0.0555	U,G	0.243	0.0884	U,G	0.324	0.514	U	0.929
NB-55-25-SL	-0.119	U,G	2.24	-0.0388	U,G	0.274	-0.0335	U,G	0.272	0	U,G	0.356	0.309	U	0.952
NB-55-33-SL	0.23	U	1.59	-0.0612	U	0.213	-0.00862	U	0.162	-0.151	U	0.3	0.373	U	1.02
NB-56-05-SL	-0.287	U	2.09	-0.0461	U	0.29	-0.0899	U	0.2	-0.0111	U	0.26	0.55	U	0.995
NB-56-13-SL	-0.5	U,G	2.3	0.0478	U,G	0.289	0.0224	U,G	0.233	0.0581	U,G	0.309	0.197	U	0.977
NB-56-25-SL	-0.728	U,G	2.48	0.0444	U,G	0.295	0.0228	U,G	0.174	0.0806	U,G	0.218	0.499	U	0.997
NB-56-33-SL	-0.17	U	1.81	-0.0135	U	0.245	0.0476	U	0.186	0	U	0.208	0.106	U	1.05
NB-57-05-SL	0.506	U,G	1.9	-0.0482	U,G	0.36	0.0909	U,G	0.198	0.0861	U,G	0.273	0.113	U	1.01
NB-57-05-SL-FD	0.39	U,G	2.24	0.124	U,G	0.269	0	U,G	0.233	-0.126	U,G	0.336	-0.0275	U	1.03
NB-57-15-SL	-0.195	U,G	2.34	-0.0618	U,G	0.291	0.0109	U,G	0.226	0.113	U,G	0.183	0.43	U	1.01
NB-57-29-SL	0.197	U,G	1.9	0.0334	U,G	0.208	0.038	U,G	0.176	0.0765	U,G	0.153	-0.0114	U	0.994
NB-57-34-SL	0.287	U,G	2.15	-0.0607	U,G	0.286	-0.0429	U,G	0.216	-0.0899	U,G	0.33	-0.0545	U	0.998
NB-58-05-SL	-0.374	U,G	2.14	0	U,G	0.268	0.0623	U,G	0.164	-0.0752	U,G	0.259	0.213	U	1
NB-58-15-SL	0.211	U,G	2.12	-0.117	U,G	0.357	0.0237	U,G	0.206	-0.0236	U,G	0.284	0.43	U	0.984
NB-58-29-SL	0.155	U,G	1.87	-0.061	U,G	0.283	-0.0134	U,G	0.202	0.0563	U,G	0.304	0.341	U	1.04
NB-58-36-SL	-0.187	U,G	1.82	0.0891	U,G	0.289	0.042	U,G	0.183	-0.0753	U,G	0.337	0.165	U	0.984
NB-59-05-SL	-0.281	U,G	2.13	0.178	U,G	0.214	-0.0857	U,G	0.205	-0.042	U,G	0.257	0.12	U	1.05
NB-59-13-SL	0.198	U,G	2	0.0949	U,G	0.264	-0.0223	U,G	0.238	-0.0311	U,G	0.307	0.108	U	1.04
NB-59-25-SL	-0.51	U,G	2.35	-0.0724	U,G	0.279	0.0268	U,G	0.183	0.0223	U,G	0.248	0.567	U	0.995
NB-59-31-SL	0.237	U,G	2.15	0.0583	U,G	0.308	-0.0117	U,G	0.216	-0.0448	U,G	0.269	0.142	U	0.979
NB-60-05-SL	-0.528	U,G	1.95	0.0492	U,G	0.238	-0.00268	U,G	0.202	-0.0974	U,G	0.275	-0.0253	U	1.41
NB-60-13-SL	-0.135	U,G	2.45	0	U,G	0.322	0.0606	U,G	0.259	0.102	U,G	0.336	1.12	U	1.52
NB-60-23-SL	-0.5	U,G	1.82	0.039	U,G	0.237	-0.00296	U,G	0.183	0.0733	U,G	0.218	0.628	U	1.5

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Ruthenium-106			Scandium 46			Silver-110			Sodium-22			Technetium-99		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-60-31-SL	-0.772	U,G	2.59	0.0411	U,G	0.342	0.0199	U,G	0.204	-0.0244	U,G	0.407	0.253	U	1.44
NB-61-05-SL	-0.78	U,G	2.48	-0.107	U,G	0.287	0.142	U,G	0.198	-0.07	U,G	0.382	0.0574	U	1.47
NB-61-13-SL	-0.637	U,G	2.72	-0.123	U,G	0.325	0.0251	U,G	0.269	-0.29	U,G	0.515	-0.0946	U	1.46
NB-61-23-SL	-0.188	U,G	1.94	-0.0734	U,G	0.321	-0.084	U,G	0.258	-0.101	U,G	0.367	0.307	U	1.49
NB-61-28-SL	-0.552	U	1.8	-0.067	U	0.262	0.009	U	0.154	-0.0875	U	0.289	0.299	U	1.46
NB-62-05-SL	-0.25	U,G	2.51	-0.0614	U,G	0.356	0.135	U,G	0.162	0	U,G	0.309	0.537	U	1.5
NB-62-12-SL	-0.417	U,G	1.92	0.00412	U,G	0.219	0.0611	U,G	0.138	0.0258	U,G	0.195	-0.0515	U	1.44
NB-62-22-SL	0	U,G	1.96	0.0385	U,G	0.252	0.00331	U,G	0.201	0.0887	U,G	0.291	0.269	U	1.38
NB-63-05-SL	0	U,G	2.39	0.0208	U,G	0.33	0.0739	U,G	0.253	-0.125	U,G	0.353	0.22	U	1.45
NB-63-13-SL	-0.293	U,G	2.13	0	U,G	0.211	0.0654	U,G	0.173	0.105	U,G	0.241	-0.0429	U	1.4
NB-63-19-SL	-0.556	U	1.81	0.0125	U	0.232	0.0452	U	0.155	-0.0872	U	0.281	0.151	U	1.49
NB-64-05-SL	0.578	U,G	2.14	-0.00981	U,G	0.244	0.0765	U,G	0.152	-0.0462	U,G	0.263	-0.082	U	1.39
NB-64-13-SL	-1.34	U,G	2.74	0.0968	U,G	0.233	-0.0548	U,G	0.234	-0.0232	U,G	0.25	0.127	U	1.53
NB-64-17-SL	0.391	U,G	1.66	0.0487	U,G	0.15	-0.0379	U,G	0.162	-0.0231	U,G	0.228	-0.173	U	1.4
NB-65-05-SL	-0.323	U,G	1.87	-0.058	U,G	0.263	-0.0723	U,G	0.233	0.0218	U,G	0.305	0.116	U	1.49
NB-65-13-SL	-0.932	U,G	2.18	0.0729	U,G	0.253	-0.00257	U,G	0.193	0.046	U,G	0.189	-0.0976	U	1.53
NB-65-17-SL	-0.369	U,G	2.14	-0.039	U,G	0.275	0.031	U,G	0.209	-0.0934	U,G	0.351	-0.0345	U	1.5
NB-66-05-SL	0	U,G	2.64	0.023	U,G	0.383	0.118	U,G	0.248	0	U,G	0.298	0.845	U	1.4
NB-66-05-SL-FD	-1.1	U,G	3.08	0.224	U,G	0.232	0.0177	U,G	0.303	0.0601	U,G	0.323	0.0504	U	1.49
NB-66-15-SL	0.101	U,G	2.16	-0.0779	U,G	0.293	-0.0113	U,G	0.213	0.0502	U,G	0.274	0.531	U	1.42
NB-66-19-SL	-0.427	U	1.53	0.0792	U	0.2	-0.00909	U	0.155	-0.00987	U	0.247	-0.129	U	1.39
NB-67-05-SL	-0.398	U,G	2.59	0	U,G	0.315	-0.0149	U,G	0.254	0.101	U,G	0.303	-0.0473	U	1.43
NB-67-11-SL	0.554	U,G	1.7	0.0852	U,G	0.206	-0.0169	U,G	0.168	-0.126	U,G	0.278	0.339	U	1.42
NB-67-21-SL	-0.559	U	1.79	-0.0123	U	0.206	0.0536	U	0.142	0.0754	U	0.176	0.188	U	1.39
NB-68-05-SL	0.665	U,G	1.82	0.0498	U,G	0.246	-0.0814	U,G	0.213	0.182	U,G	0.217	0.189	U	1.44
NB-68-13-SL	-0.24	U,G	2.49	0.0379	U,G	0.228	0.0286	U,G	0.218	0.114	U,G	0.246	0.646	U	1.46
NB-68-17-SL	-0.596	U,G	2.38	-0.0152	U,G	0.287	0.0111	U,G	0.193	-0.0447	U,G	0.36	0.274	U	1.47
NB-68-25-SL	-1.29	U,G	2.59	0.0515	U,G	0.271	0.032	U,G	0.219	-0.03	U,G	0.299	0.501	U	1.48
NB-68-33-SL	-0.232	U,G	1.64	0.0549	U,G	0.305	-0.0114	U,G	0.21	0.132	U,G	0.205	0.354	U	1.49
NB-69-05-SL	0.677	U,G	1.49	0.0966	U,G	0.188	-0.0493	U,G	0.183	0.0311	U,G	0.247	0.0394	U	1.38
NB-69-15-SL	-0.608	U,G	1.65	-0.0147	U,G	0.225	-0.0458	U,G	0.175	-0.0835	U,G	0.246	0.121	U	1.46
NB-69-22-SL	-0.28	U,G	1.96	0.018	U,G	0.275	-0.0374	U,G	0.21	0.1	U,G	0.262	0.27	U	1.47
NB-69-34-SL	-0.266	U	1.74	0.0847	U	0.178	-0.0844	U	0.174	-0.0495	U	0.244	-0.319	U	1.4
NB-70-05-SL	-0.0634	U,G	1.78	0.0191	U,G	0.253	-0.0188	U,G	0.177	-0.0605	U,G	0.272	0.43	U	1.37
NB-70-15-SL	-0.199	U,G	2.15	0.0342	U,G	0.19	0.0148	U,G	0.201	0.0551	U,G	0.254	0.0398	U	1.53
NB-70-23-SL	-0.286	U,G	2.19	-0.0804	U,G	0.311	-0.0142	U,G	0.217	-0.11	U,G	0.336	0.112	U	1.45
NB-70-33-SL	0.556	U,G	1.72	0.0223	U,G	0.236	0.0118	U,G	0.181	-0.067	U,G	0.278	0.37	U	1.55
NB-71-01-SL	0	U,G	1.86	0.0291	U,G	0.283	-0.0426	U,G	0.239	0	U,G	0.264	0.674	U	1.52
NB-71-01-SL-FD	-0.318	U,G	2.44	-0.0656	U,G	0.32	0.0119	U,G	0.231	-0.00955	U,G	0.31	0.241	U	1.5
NB-71-11-SL	-0.117	U,G	1.95	-0.0557	U,G	0.294	0.0541	U,G	0.212	0.133	U,G	0.267	-0.0269	U	1.5
NB-71-27-SL	0.0884	U,G	1.78	-0.108	U,G	0.253	-0.0197	U,G	0.164	-0.0461	U,G	0.244	-0.104	U	1.44
NB-72-05-SL	0.197	U,G	1.85	-0.106	U,G	0.296	-0.121	U,G	0.253	-0.124	U,G	0.324	-0.443	U	1.5
NB-72-11-SL	0.299	U,G	2.49	0	U,G	0.334	-0.0503	U,G	0.286	0.142	U,G	0.209	0.426	U	1.5

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Ruthenium-106			Scandium 46			Silver-110			Sodium-22			Technetium-99		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-72-19-SL	-0.612	U	1.66	-0.0731	U	0.243	-0.0683	U	0.182	-0.00278	U	0.244	0.14	U	1.51
NB-72-22-SL	0.419	U	1.75	-0.05	U	0.302	0.0147	U	0.178	0.0199	U	0.214	0.35	U	1.49
NB-73-05-SL	-0.667	U,G	2.33	0.0424	U,G	0.278	-0.0131	U,G	0.242	-0.0254	U,G	0.305	0.771	U	1.5
NB-73-13-SL	0.124	U,G	2.06	0	U,G	0.312	0.0747	U,G	0.196	0	U,G	0.308	1.01	U	1.42
NB-73-23-SL	-0.335	U	2.1	-0.0532	U	0.266	0.00939	U	0.235	-0.0212	U	0.254	0.206	U	1.56
NB-74-05-SL	0.286	U,G	1.86	-0.0837	U,G	0.27	-0.0215	U,G	0.21	0.108	U,G	0.248	7.49		1.55
NB-74-17-SL	-1.17	U,G	2.29	-0.0597	U,G	0.291	0.0218	U,G	0.226	-0.0169	U,G	0.319	2.81	LT	1.49
NB-74-25-SL	-0.296	U,G	2.04	0	U,G	0.278	-0.0661	U,G	0.228	-0.0708	U,G	0.386	2.45	LT	1.47
NB-74-33-SL	-0.125	U,G	1.69	0.086	U,G	0.166	-0.0292	U,G	0.168	-0.00631	U,G	0.208	0.485	U	1.43
NB-75-08-SL	0.534	U,G	1.79	-0.0411	U,G	0.238	-0.0795	U,G	0.2	0	U,G	0.232	0.346	U	1.5
NB-75-15-SL	-0.187	U,G	2.05	-0.0293	U,G	0.233	0.0105	U,G	0.158	0.0084	U,G	0.273	-0.12	U	1.5
NB-75-19-SL	0.681	U	1.25	0.0013	U	0.23	-0.0567	U	0.166	-0.0162	U	0.115	0.576	U	1.52
NB-76-06-SL	0.492	U,G	1.71	-0.0152	U,G	0.265	0.055	U,G	0.155	-0.0707	U,G	0.324	1.03	U	1.51
NB-76-10-SL	0.57	U	1.29	-0.0498	U	0.23	0.0448	U	0.153	-0.0946	U	0.216	0.126	U	1.48
NB-76-24-SL	0.206	U	1.71	0.0163	U	0.196	0.00722	U	0.133	-0.0195	U	0.144	0.989	U	1.61
NB-77-05-SL	-0.759	U,G	1.81	-0.0619	U,G	0.218	-0.00511	U,G	0.179	-0.0416	U,G	0.216	0.402	U	1.49
NB-77-13-SL	0	U	1.61	0.0826	U	0.229	0.0298	U	0.18	-0.044	U	0.277	0.663	U	1.51
NB-77-24-SL	0.195	U	1.45	-0.00923	U	0.194	0.0249	U	0.142	-0.0753	U	0.213	0.0199	U	1.52
NB-78-07-SL	-0.676	U,G	2.8	0.0859	U,G	0.199	0.0398	U,G	0.297	0.077	U,G	0.336	0.554	U	1.56
NB-78-11-SL	0.609	U,G	1.57	0.0208	U,G	0.189	-0.053	U,G	0.178	-0.0909	U,G	0.24	-0.214	U	1.49
NB-78-18-SL	0.277	U,G	1.61	-0.0282	U,G	0.235	0.0413	U,G	0.187	0	U,G	0.227	0.143	U	1.51
NB-79-05-SL	-1.08	U,G	2.41	-0.0188	U,G	0.313	-0.0419	U,G	0.241	0.0456	U,G	0.168	0.106	U	1.51
NB-79-05-SL-FD	0.541	U,G	1.43	-0.0407	U,G	0.226	0.0402	U,G	0.175	-0.0472	U,G	0.189	0.405	U	1.47
NB-79-11-SL	0.12	U,G	2.09	0.0188	U,G	0.226	-0.0369	U,G	0.204	0.0228	U,G	0.212	-0.0682	U	1.47
NB-79-24-SL	-0.383	U	1.75	-0.0772	U	0.249	0.00451	U	0.183	-0.0563	U	0.269	0.0433	U	1.39
NB-80-05-SL	0.349	U,G	1.94	-0.202	U,G	0.402	-0.0261	U,G	0.223	-0.0443	U,G	0.266	-0.194	U	1.52
NB-80-11-SL	-0.358	U,G	1.82	-0.116	U,G	0.249	0.0119	U,G	0.171	-0.0423	U,G	0.278	0.0511	U	1.51
NB-80-27-SL	-0.969	U,G	2.12	-0.0149	U,G	0.236	-0.0216	U,G	0.224	-0.0305	U,G	0.302	0.191	U	1.48
NB-81-09-SL	0.341	U,G	1.6	-0.0253	U,G	0.229	-0.0379	U,G	0.207	-0.134	U,G	0.28	0.079	U	1.52
NB-81-11-SL	-0.0699	U,G	2.02	0.0424	U,G	0.262	-0.114	U,G	0.24	-0.0823	U,G	0.312	0.246	U	1.53
NB-81-31-SL	0.0864	U,G	1.54	-0.15	U,G	0.243	-0.0492	U,G	0.173	-0.1	U,G	0.239	0.0853	U	1.57
NB-82-05-SL	-0.304	U,G	2.22	-0.0624	U,G	0.358	-0.103	U,G	0.238	-0.164	U,G	0.399	1	U	2.53
NB-82-11-SL	0.0708	U	1.43	-0.0869	U	0.237	-0.0644	U	0.182	0.00276	U	0.23	-0.176	U	1.49
NB-82-20-SL	-0.459	U	1.72	0.0152	U	0.213	-0.0373	U	0.178	-0.0186	U	0.168	0.421	U	1.45
NB-83-05-SL	0.596	U,G	2.1	-0.141	U,G	0.353	0	U,G	0.385	0.0567	U,G	0.4	0.135	U	1.53
NB-83-11-SL	0.464	U,G	1.62	-0.109	U,G	0.241	-0.0146	U,G	0.154	0.11	U,G	0.197	0.238	U	1.66
NB-83-23-SL	-0.498	U	1.92	-0.0226	U	0.212	0.0208	U	0.154	-0.0234	U	0.234	-0.0214	U	1.42
NB-84-05-SL	0.145	U,G	2.41	0.0682	U,G	0.32	-0.0751	U,G	0.342	0.22	U,G	0.297	0.748	U	1.44
NB-84-15-SL	0.43	U,G	1.63	-0.107	U,G	0.244	-0.0705	U,G	0.185	-0.0236	U,G	0.279	0.00789	U	1.47
NB-84-23-SL	0	U,G	1.31	-0.0395	U,G	0.23	-0.0486	U,G	0.183	0.0152	U,G	0.164	-0.112	U	1.54
NB-84-33-SL	-0.172	U	1.79	0.0265	U	0.174	0.0758	U	0.171	-0.0155	U	0.213	0.403	U	1.54
NB-85-05-SL	-0.865	U,G	2.43	-0.0346	U,G	0.288	-0.0851	U,G	0.252	0.0559	U,G	0.263	0.449	U	1.41
NB-85-15-SL	0.606	U,G	1.6	-0.0485	U,G	0.305	0.0681	U,G	0.189	-0.0348	U,G	0.276	0.295	U	1.35

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Ruthenium-106			Scandium 46			Silver-110			Sodium-22			Technetium-99		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-85-25-SL	-0.62	U,G	2.32	0.0993	U,G	0.217	0.0929	U,G	0.174	-0.0712	U,G	0.251	0.223	U	1.41
NB-85-35-SL	-0.652	U	1.52	0.0471	U	0.145	-0.00987	U	0.158	-0.109	U	0.246	0.331	U	1.41
NB-86-05-SL	0.776	U,G	2.03	0	U,G	0.411	0.0592	U,G	0.247	0	U,G	0.351	0.294	U	1.37
NB-86-15-SL	0	U,G	1.91	0.0787	U,G	0.25	-0.0221	U,G	0.208	0.0339	U,G	0.203	0.329	U	1.4
NB-86-19-SL	-0.134	U,G	1.81	0.0773	U,G	0.232	-0.0226	U,G	0.189	0.00936	U,G	0.221	-0.339	U	1.42
OA-18-03-SL	-0.521	U	2.02	-0.07	U	0.274	-0.0189	U	0.161	-0.0566	U	0.265	0.585	U	1.32
OA-18-17-SL	0.274	U,G	1.97	-0.0139	U,G	0.258	-0.0051	U,G	0.202	0.0557	U,G	0.236	0.942	U	1.23
OA-18-25-SL	-0.258	U,G	2.67	0	U,G	0.331	-0.0236	U,G	0.305	0	U,G	0.262	0.0199	U	1.27
OA-18-33-SL	0.244	U	1.26	0.0235	U	0.238	0.0534	U	0.143	-0.0377	U	0.236	0.836	U	1.27
OA-19-05-SL	-0.797	U	2.29	-0.0184	U	0.307	0.0016	U	0.287	-0.0431	U	0.282	1.67	LT	1.29
OA-19-15-SL	0.0106	U,G	1.9	0.108	U,G	0.25	-0.00374	U,G	0.188	0.00128	U,G	0.294	-0.439	U	1.34
OA-19-25-SL	1.75	G,TI	1.25	0	U,G	0.328	-0.0852	U,G	0.266	-0.0441	U,G	0.35	0.151	U	1.33
OA-19-33-SL	0.754	U	1.34	-0.0538	U	0.253	0.0242	U	0.183	0.0237	U	0.206	-0.17	U	1.32
PL-04-05-SL	-0.621	U,G	2.32	0.0483	U,G	0.324	0	U,G	0.26	-0.0372	U,G	0.34	4.54		1.22
PL-04-13-SL	-0.358	U,G	2.4	0.0763	U,G	0.25	-0.0285	U,G	0.241	0	U,G	0.319	1.2	U	1.48
PL-04-23-SL	-0.0919	U	1.9	0.0143	U	0.249	0.0926	U	0.207	-0.111	U	0.347	0.373	U	1.43
PL-04-31-SL	-0.0904	U,G	1.55	0.132	U,G	0.226	0.0798	U,G	0.182	-0.0835	U,G	0.337	0.901	U	1.57
PL-05-05-SL	0.178	U,G	1.55	0.0135	U,G	0.235	-0.0099	U,G	0.205	0.0309	U,G	0.185	-0.0474	U	0.847
PL-05-15-SL	0.276	U	2.06	0.0284	U	0.237	0.0206	U	0.163	-0.0372	U	0.318	0.654	U	0.851
PL-05-28-SL	-0.454	U,G	1.88	-0.0692	U,G	0.26	0.0304	U,G	0.169	-0.0948	U,G	0.287	0.166	U	0.853
PL-06-07-SL	-0.364	U,G	2.11	0.0197	U,G	0.242	-0.00397	U,G	0.207	-0.0113	U,G	0.284	0.762	U	1.04
PL-06-13-SL	-0.129	U,G	1.84	0.00455	U,G	0.242	0.0568	U,G	0.222	-0.114	U,G	0.298	0.356	U	1.03
PL-06-17-SL	-0.742	U,G	1.62	-0.044	U,G	0.244	-0.0936	U,G	0.228	-0.016	U,G	0.302	0.451	U	0.964
PL-06-29-SL	0.159	U	1.47	-0.0779	U	0.218	-0.0449	U	0.165	-0.0141	U	0.255	0.812	U	1.04
PL-06-33-SL	0.696	U	1.58	-0.028	U	0.222	-0.0391	U	0.22	0.0272	U	0.234	1.18	LT	1.02
RR-04-07-SL	-0.402	U,G	2.23	-0.0654	U,G	0.346	0.0113	U,G	0.284	0	U,G	0.402	0.105	U	0.826
RR-04-15-SL	1.3	U,G	1.68	-0.0578	U,G	0.29	-0.0104	U,G	0.221	-0.0481	U,G	0.322	0.0857	U	0.756
RR-04-25-SL	0	U,G	2.17	0.127	U,G	0.255	-0.00735	U,G	0.299	0.0246	U,G	0.323	0.217	U	0.798
RR-05-05-SL	0.205	U,G	2.52	0.164	U,G	0.231	-0.0346	U,G	0.239	-0.0138	U,G	0.317	0.143	U	0.78
RR-05-05-SL-FD	0.286	U,G	1.87	-0.0468	U,G	0.39	-0.0785	U,G	0.361	0.027	U,G	0.38	0.422	U	0.778
RR-05-15-SL	-0.554	U,G	1.54	0.0579	U,G	0.241	0.0413	U,G	0.136	-0.0957	U,G	0.278	0.0787	U	0.792
RR-05-25-SL	-0.759	U,G	2.77	0.0692	U,G	0.326	0.0365	U,G	0.203	0.0097	U,G	0.315	0.372	U	0.797
SW-02-01-SL	0.669	U,G	2.2	0.0482	U,G	0.254	0.0121	U,G	0.24	0.081	U,G	0.218	2.97	LT	0.831
SW-02-09-SL	0.365	U,G	1.56	0.0158	U,G	0.254	0.046	U,G	0.208	0.029	U,G	0.186	0.907	LT	0.86
SW-02-15-SL	0.328	U,G	2.46	-0.0343	U,G	0.286	0.11	U,G	0.173	-0.0687	U,G	0.396	0.571	U	0.825
SW-02-23-SL	-0.394	U,G	1.76	-0.061	U,G	0.294	-0.0353	U,G	0.205	-0.0436	U,G	0.273	0.549	U	0.863
SW-05-08-SL	-0.524	U,G	2.72	0.0344	U,G	0.242	-0.0709	U,G	0.258	-0.0559	U,G	0.341	0.359	U	0.823
SW-05-12-SL	-0.742	U,G	2.05	-0.0629	U,G	0.286	0.00549	U,G	0.223	-0.176	U,G	0.359	0.0116	U	0.88
SW-06-05-SL	0.097	U,G	1.54	-0.031	U,G	0.233	0.0218	U,G	0.154	-0.0334	U,G	0.278	0.108	U	0.883
SW-06-05-SL-FD	-0.0366	U,G	1.91	-0.0512	U,G	0.32	-0.00138	U,G	0.198	-0.0645	U,G	0.294	0.562	U	0.787
SW-06-13-SL	0.255	U,G	1.8	-0.278	U,G	0.443	0.0451	U,G	0.324	-0.12	U,G	0.401	0.152	U	0.838
SW-06-23-SL	0.0236	U,G	2.08	0.0337	U,G	0.249	-0.0926	U,G	0.237	0.00601	U,G	0.307	0.454	U	0.828
SW-07-05-SL	-0.314	U,G	1.82	-0.11	U,G	0.305	-0.0812	U,G	0.228	-0.0433	U,G	0.264	0.583	U	0.855

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Ruthenium-106			Scandium 46			Silver-110			Sodium-22			Technetium-99		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SW-07-15-SL	0.409	U,G	2.05	0.0456	U,G	0.362	0.202	U,G	0.249	0.0514	U,G	0.337	0.397	U	0.86
SW-07-23-SL	-0.165	U,G	1.99	0.153	U,G	0.249	-0.106	U,G	0.232	-0.026	U,G	0.307	0.585	U	0.885
SW-08-03-SL	0	U,G	2.25	-0.061	U,G	0.339	-0.0699	U,G	0.322	-0.0234	U,G	0.307	0.204	U	0.773
SW-08-05-SL	0.696	U,G	2.06	0.0317	U,G	0.299	0	U,G	0.203	0.0222	U,G	0.218	0.584	U	0.786
SW-08-15-SL	0.138	U,G	2.07	0.0451	U,G	0.271	0.0155	U,G	0.265	0.052	U,G	0.312	0.282	U	0.823
SW-08-25-SL	-0.162	U	1.42	0	U	0.167	-0.0364	U	0.177	0	U	0.169	0.0591	U	0.793

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thallium-208			Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)			Thorium-232 (A)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BD-13-09-SL	0.256	G	0.19	-1.59	U,G	1.41									
BD-13-15-SL	0.206	U,G	0.214	-1.57	U,G	1.46									
BD-13-23-SL	0.228	U,G	0.24	0.0318	U,G	1.25									
BD-13-30-SL	0.131	U,G	0.184	-0.0958	U,G	0.814									
BD-14-05-SL	0.31	G	0.288	-0.038	U,G	0.895	1.02		0.0575	1.13		0.0756	1.13		0.0251
BD-14-13-SL	0.314	G	0.183	0.294	U,G	0.692									
BD-14-25-SL	0.215	U	0.247	-0.0359	U	0.949									
BD-14-31-SL	0.0179	U	0.256	0.109	U	1.08									
BD-15-05-SL	0.306	G	0.188	-0.384	U,G	1.16									
BD-15-17-SL	0.354	G	0.292	0.276	U,G	1.61									
BD-15-25-SL	0.302		0.162	0.102	U	0.926									
BD-15-31-SL	0.315	U,G	0.322	-0.332	U,G	1.13									
BD-16-05-SL	0.323	G	0.214	-0.398	U,G	1.1									
BD-16-15-SL	0.324	G	0.194	0.0933	U,G	1.11									
BD-16-19-SL	0.441	G	0.227	-0.405	U,G	1.07									
BD-16-25-SL	0.294	U,G	0.325	0.221	U,G	1.39									
BD-16-34-SL	0.382	G	0.188	0.288	U,G	1.1									
BLD240-01-01	0.14	U	0.15	-0.12	U	0.83	1.14	M3	0.0573	1.06	M3	0.0393	0.987		0.014
BLD240-01-09	0.23	U	0.26	-0.3	U	1.25									
BLD240-01-09FD	0.39		0.17	-0.14	U	1.11									
BLD240-01-31							0.66	M3	0.0405	0.792	M3	0.0406	0.517		0.0124
BLD240-03-04	0.39		0.23	0.24	U	1.31	1.32	M3	0.0346	1.22	M3	0.04	1.13		0.0083
BLD240-03-04FD	0.42		0.2	0.09	U	1.12									
BLD240-03-14							1.24	M3	0.0563	1.14	M3	0.0428	1.07	M3	0.0182
BLD240-03-19	0.45		0.27	0.18	U	1.36									
BLD240-04-02	0.31		0.17	0.21	U	0.79	1.3	M3	0.0548	1.01	M3	0.0434	1.07		0.0088
BLD240-04-04	0.22	U	0.23	-0.09	U	0.78									
BLD240-04-33							0.542	M3	0.0329	0.756	M3	0.0371	0.418		0.0075
BLD240-05-01	0.3		0.19	-0.22	U	0.89									
BLD240-05-02	0.27		0.22	0.23	U	1.29									
BLD253-02-01	0.127		0.122	-0.17	U	0.67									
BLD253-02-04	0.28		0.18	0	U	1.17	1.3	M3	0.0295	1.3	M3	0.0389	1.1	J	0.0079
BLD253-02-21FD	0.17	U	0.18	0.11	U	1.06									
BLD253-02-21							1.06	M3	0.0364	1.13	M3	0.045	0.876		0.0143
BLD255-05-01							1.23	M3	0.0442	1.04	M3	0.0429	1.1		0.0141
BLD255-05-23							1.55	M3	0.0625	1.42	M3	0.0467	1.18	M3	0.0209
BLD255-07-02	0.29		0.15	-0.23	U	0.91	1.29	M3	0.0365	1.08	M3	0.042	1.12		0.0033
BLD255-07-15	0.3		0.23	0.03	U	1.18									
BLD255-07-33							1.33	M3	0.0448	1.1	M3	0.0481	1.06		0.014
BLD255-08-01	0.23		0.19	0	U	0.91	0.988	M3	0.0311	0.918	M3	0.0438	0.807		0.0036
BLD255-08-08	0.34		0.23	0	U	1.47	1.25	M3	0.0483	1.25	M3	0.0414	1.21		0.0163
BLD260-06-01	0.39		0.15	-14	U	37	1.11	M3	0.0413	1.08	M3	0.0469	1.08		0.0097
BLD260-06-03	0.38		0.23	0.51	U	0.9									

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thallium-208			Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)			Thorium-232 (A)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
BLD260-06-31							0.685	M3	0.06	0.675	M3	0.041	0.656		0.0124
BP-13-05-SL	0.302	G	0.181	0.0941	U,G	1.27									
BP-13-11-SL	0.182	U,G	0.2	0.234	U,G	1.06									
BP-13-15-SL	0.263	G	0.253	-0.184	U,G	1.31									
BP-13-25-SL	0.443	G	0.215	0.189	U,G	1.49									
BP-13-35-SL	0.177	G	0.167	-0.251	U,G	1.06									
BP-17-05-SL	0.261	G	0.248	0.288	U,G	0.944	1.07		0.0612	1.14		0.0737	1.16		0.0247
BP-17-15-SL	0.196		0.178	-0.384	U	1.1									
BP-17-23-SL	0.364	G	0.205	0.157	U,G	1.2									
BP-17-31-SL	0.318	G	0.227	0.469	U,G	1.03									
BP-18-05-SL	0.282	G	0.254	0.281	U,G	1.51									
BP-18-15-SL	0.385	G	0.272	0	U,G	1.03									
BP-18-25-SL	0.288	G,TI	0.288	0.316	U,G	1.68									
BP-18-31-SL	0.0308	U	0.171	0.251	U	0.687									
BP-19-05-SL	0.295		0.155	0.283	U	0.981									
BP-19-13-SL	0.204		0.184	0.0384	U	1.35									
BP-19-25-SL	0.395	G	0.185	-0.114	U,G	1.14									
BP-19-29-SL	0.265		0.241	0.0702	U	0.843									
BP-20-03-SL	0.174	U	0.178	0.104	U	0.867									
BP-20-19-SL	0.351	G	0.335	0.0878	U,G	1.59									
BP-20-27-SL	0.169		0.154	0.156	U	0.568									
BP-21-07-SL	0.429	G	0.237	0	U,G	1.28									
BP-21-07-SL-FD	0.285		0.233	-0.903	U	1.68									
BP-21-13-SL	0.279		0.128	-0.136	U	0.803									
BP-21-24-SL	0.314	G	0.205	-0.152	U,G	0.949									
BP-21-34-SL	0.121	U	0.192	-0.196	U	1.31									
BP-22-05-SL	0.337	G	0.166	-0.265	U,G	0.831									
BP-22-13-SL	0.254	G	0.208	0.517	U,G	1.36									
BP-22-23-SL	0.264		0.153	-0.0263	U	0.971									
BP-22-33-SL	0.215	TI	0.172	-0.0312	U	0.7									
CB-02-05-SL	0.238	G,TI	0.217	0	U,G	0.878	0.971		0.0668	1.01		0.086	1.07		0.0227
CB-02-05-SL-FD	0.365	G	0.269	0.12	U,G	1.09	1.29		0.0669	1.29		0.0845	1.15		0.0205
CB-02-15-SL	0.212	G	0.166	0.131	U,G	1.19									
CB-02-25-SL	0.237	U,G	0.277	-0.0225	U,G	1.42									
DM-02-05-SL	0.276		0.177	-0.0338	U	1.2									
DM-02-17-SL	0.367	G	0.205	-0.162	U,G	0.873									
DM-02-22-SL	0.317		0.202	0.216	U	0.999	1.54	M3	0.157	1.74	M3	0.194	1.59		0.0538
DM-02-33-SL	0.243		0.224	0.0797	U	0.882									
DM-03-05-SL	0.216	U,G	0.305	0.269	U,G	0.938	1.23		0.0624	1.14		0.0766	1.15		0.0323
DM-03-05-SL-FD	0.192	U,G	0.249	-0.0827	U,G	1.6	1.26		0.03	1.2		0.0749	1.14		0.0198
DM-03-13-SL	0.233	G	0.228	0.0571	U,G	1.14									
DM-03-25-SL	0.293	G	0.224	-0.357	U,G	1.41									
DM-03-34-SL	0.191	G	0.164	0.203	U,G	0.867									

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thallium-208			Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)			Thorium-232 (A)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
EP-13-03-SL	0.282	J	0.16	-0.165	UJ	1.3									
EP-13-13-SL	0.458	J	0.236	-0.201	UJ	1.03									
EP-13-25-SL	0.382	J	0.199	-0.033	UJ	0.903									
EP-13-30-SL	0.138	U	0.185	0.201	UJ	0.66									
EP-14-05-SL	0.271	J	0.213	-0.0441	UJ	1.15									
EP-14-13-SL	0.302	J	0.175	-0.263	UJ	1.23									
EP-14-25-SL	0.363	J	0.209	0.469	UJ	0.848									
EP-14-31-SL	0.223	J	0.178	-0.0296	UJ	0.74									
EP-15-05-SL	0.365	G	0.267	0.764	U,G	1.57									
EP-15-13-SL	0.357	G	0.255	0.0452	U,G	1.66									
EP-15-25-SL	0.21	U	0.236	0.42	U	0.726									
EP-15-29-SL	0.231		0.177	-0.309	U	1.47									
EP-16-05-SL	0.239	U,G	0.239	0.314	U,G	0.77									
EP-16-15-SL	0.496	G	0.15	-0.215	U,G	0.878									
EP-16-27-SL	0.0643	U	0.149	0.183	U	0.491									
EP-17-05-SL	0.216	U,G	0.275	-0.813	U,G	1.2	1.2		0.0299	1.2		0.0418	1.13		0.0108
EP-17-15-SL	0.227	U,G	0.285	0.0442	U,G	1.55									
EP-17-25-SL	0.239	G	0.229	-0.173	U,G	1.18									
EP-17-30-SL	0.074	U	0.196	0.314	U	0.95									
EP-18-09-SL	0.252	J	0.237	-0.215	UJ	1.64									
EP-18-09-SL-FD	0.319	J	0.186	-1.13	UJ	1.36									
EP-18-15-SL	0.324	J	0.185	0.0921	UJ	0.797									
EP-18-29-SL	0.419	J	0.284	-0.0402	UJ	1.08									
EP-19-05-SL	0.248	J	0.168	-1.52	UJ	1.46									
EP-19-13-SL	0.496	J	0.176	-0.157	UJ	0.985									
EP-19-25-SL	0.386	J	0.174	0.215	UJ	0.769									
EP-19-31-SL	0.31	J	0.203	-1.17	UJ	1.38									
EP-20-05-SL	0.386	G	0.206	-1.93	U,G	1.48									
EP-20-15-SL	0.523	G	0.299	0.351	U,G	1.28									
EP-20-25-SL	0.336	G	0.231	-1.45	U,G	1.46									
LF-06-05-SL	0.277	G	0.182	0.132	U,G	0.89									
LF-06-13-SL	0.292	G	0.205	-1.91	U,G	1.5									
LF-06-27-SL	0.217	G	0.175	-1.23	U,G	1.39									
LF-06-32-SL	0.118	U,G	0.168	-0.488	U,G	1.02									
LF--07-09-SL	0.21	U,G	0.213	0.327	U,G	0.752									
LF-07-15-SL	0.327	G	0.26	0.184	U,G	0.704									
LF-07-25-SL	0.207	U,G	0.309	-0.8	U,G	1.95									
LF-07-34-SL	0.164	U,G	0.26	-0.0392	U,G	0.9									
LF-08-05-SL	0.381	G	0.262	0.445	U,G	0.909									
LF-08-05-SL-FD	0.267	G	0.23	0.0588	U,G	1.14									
LF-08-15-SL	0.249	G	0.224	-0.065	U,G	0.829									
LF-08-21-SL	0.485	G	0.278	0.27	U,G	1.72									
LF-08-37-SL	0.00797	U,G	0.241	-0.151	U,G	0.824									

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thallium-208			Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)			Thorium-232 (A)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
LF-09-03-SL	0.267	U,G	0.29	0	U,G	0.946									
LF-09-17-SL	0.298	U,G	0.3	-9.92	U,G	24.7									
LF-09-25-SL	0.344	G	0.244	-0.0351	U,G	1.5									
LF-09-31-SL	0.0621	U,G	0.209	-0.251	U,G	1.35									
NB-28-04-SL	0.158	U,G	0.218	-0.0679	U,G	0.913									
NB-28-14-SL	0.246	U,G	0.273	0.196	U,G	0.978									
NB-28-24-SL	0.169	U,G	0.172	-1.52	U,G	1.32									
NB-28-35-SL	0.0713	U,G	0.15	-0.894	U,G	1.12									
NB-29-05-SL	0.168	U,G	0.282	0.204	U,G	0.958									
NB-29-14-SL	-0.00706	U,G	0.191	-0.153	U,G	0.692									
NB-29-22-SL	0.078	U	0.142	-0.0255	U	0.625									
NB-30-05-SL	0.32	G	0.307	-0.116	U,G	1.06	1.15		0.0588	1.26		0.0755	1.2		0.0096
NB-30-15-SL	0.243	G	0.227	0.558	U,G	1.02									
NB-30-25-SL	0.386	G	0.291	-0.0817	U,G	1.25									
NB-30-33-SL	0.0856	U,G	0.171	0.2	U,G	0.861									
NB-31-05-SL	0.168	U,G	0.241	0.65	U,G	1.14									
NB-31-15-SL	0.381	G	0.225	0.535	U,G	0.772									
NB-31-27-SL	0.194	U,G	0.266	-0.139	U,G	0.965									
NB-31-32-SL	0.173	U,G	0.264	0.381	U,G	1.23									
NB-32-05-SL	0.364	G	0.25	-0.283	U,G	1.17									
NB-32-15-SL	0.274	G	0.244	-0.235	U,G	1									
NB-32-27-SL	0.391	G	0.21	0.0912	U,G	0.776									
NB-32-33-SL	0.469	G	0.195	0.261	U,G	1.23									
NB-33-05-SL	0.274	G	0.192	0.282	U,G	0.752									
NB-33-15-SL	0.25	G	0.224	-0.119	U,G	0.99									
NB-33-27-SL	0.136	U	0.167	-0.214	U	0.764									
NB-34-05-SL	0.421	G	0.318	0.0799	U,G	0.897									
NB-34-15-SL	0.23	G	0.19	0.062	U,G	0.848									
NB-34-25-SL	0.201	U	0.211	-0.324	U	1.13									
NB-35-01-SL	0.485	G	0.214	0.278	U,G	0.953									
NB-35-15-SL	0.393	G	0.183	0.303	U,G	1.05									
NB-35-25-SL	0.244	G	0.201	0	U,G	0.854									
NB-36-05-SL	0.272	G	0.209	0.247	U,G	1.16	0.843		0.0752	0.992		0.0724	0.804		0.0213
NB-36-15-SL	0.26	U,G	0.279	0.0746	U,G	1.25									
NB-36-27-SL	0.436		0.212	0.0726	U	0.752									
NB-37-05-SL	0.139	U,G	0.22	0.492	U,G	1.47									
NB-37-15-SL	0.303	G	0.252	1.05	U,G	1.2									
NB-37-25-SL	0.316	G	0.212	-0.0828	U,G	1.46									
NB-38-09-SL	0.259	G	0.192	-1.89	U,G	1.43									
NB-38-15-SL	0.32		0.195	-1.74	U	1.36									
NB-38-25-SL	0.232		0.14	-1.42	U	1.36									
NB-39-05-SL	0.203	U,G	0.231	0.387	U,G	0.963									
NB-39-15-SL	0.317	G	0.183	0.113	U,G	0.709									

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thallium-208			Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)			Thorium-232 (A)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-39-25-SL	0.31	G	0.284	0.037	U,G	0.926									
NB-39-30-SL	0.218	G,TI	0.207	-0.187	U,G	1									
NB-40-05-SL	0.26	G	0.202	0.373	U,G	1.08									
NB-40-05-SL-FD	0.311		0.177	-1.57	U	1.32									
NB-40-17-SL	0.22	U,G	0.239	-0.465	U,G	1.72									
NB-40-25-SL	0.132	TI	0.224	-0.232	U	1.13									
NB-40-31-SL	0.0798	U	0.134	-0.663	U	0.904									
NB-41-05-SL	0.249		0.184	-0.14	U	1.34									
NB-41-13-SL	0.126	U	0.173	0.117	U	0.688									
NB-41-19-SL	0.1	U,G	0.186	-0.21	U,G	0.955									
NB-42-05-SL	0.232	G	0.18	0.0939	U,G	1.19									
NB-42-13-SL	0.159	U	0.189	-0.128	U	0.683									
NB-42-23-SL	0.105	U	0.156	-0.0248	U	0.875									
NB-43-05-SL	0.22	G	0.219	0.0602	U,G	1.13									
NB-43-13-SL	0.0953	U	0.143	0.393	U	0.952									
NB-44-05-SL	0.0627	U	0.2	0.378	U	0.742									
NB-44-05-SL-FD	0.12	U,G	0.141	-0.575	U,G	0.946									
NB-44-11-SL	0.0534	U	0.155	0.0247	U	0.737									
NB-44-18-SL	0.188	TI	0.147	0.154	U	0.709									
NB-45-05-SL	0.274	G	0.249	0	U,G	1.21									
NB-45-05-SL-FD	0.438	G	0.23	0.256	U,G	1.07									
NB-45-13-SL	0.26	G,TI	0.23	-0.04	U,G	0.961									
NB-45-25-SL	0.261	G	0.249	-0.127	U,G	1.39									
NB-45-33-SL	0.192		0.159	-1.02	U	1.19									
NB-46-09-SL	0.241		0.207	-0.281	U	0.897									
NB-46-17-SL	0.222	G	0.163	-1.33	U,G	1.22									
NB-46-25-SL	0.428	G	0.202	0.0857	U,G	1.56									
NB-46-29-SL	0.208	G	0.18	0.0278	U,G	0.992									
NB-47-05-SL	0.339		0.165	-0.0863	U	0.859									
NB-47-15-SL	0.421	G	0.158	0.0935	U,G	0.779									
NB-47-25-SL	0.515	G	0.293	0.511	U,G	1.3									
NB-47-31-SL	0.36	G	0.178	-0.231	U,G	0.93									
NB-48-05-SL	0.312	G	0.215	0.104	U,G	1.6									
NB-48-11-SL	0.423	G	0.226	0.235	U,G	0.778									
NB-48-15-SL	0.318	G	0.26	-0.274	U,G	1.12									
NB-48-25-SL	0.354	G	0.191	-0.309	U,G	1.2									
NB-48-35-SL	0.298	G	0.229	-0.021	U,G	1.55									
NB-49-05-SL	0.208	G	0.2	0.284	U,G	1.69									
NB-49-05-SL-FD	0.249	U,G	0.267	0.427	U,G	0.73									
NB-49-15-SL	0.462	G	0.287	0	U,G	1.58									
NB-49-25-SL	0.311	G	0.208	-0.0322	U,G	0.879									
NB-49-37-SL	0.0972	U,G	0.271	0.336	U,G	1.12									
NB-50-05-SL	0.184	U,G	0.246	-0.265	U,G	1.72									

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thallium-208			Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)			Thorium-232 (A)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-50-15-SL	0.306	G	0.212	0.5	U,G	0.796									
NB-50-25-SL	0.373	G	0.265	0.117	U,G	1.54									
NB-50-37-SL	0.166		0.163	0.205	U	0.875									
NB-51-05-SL	0.196	U,G	0.238	0.186	U,G	1.2									
NB-51-13-SL	0.218	U,G	0.235	0.159	U,G	1.49									
NB-51-25-SL	0.32	G	0.251	0.0984	U,G	0.867									
NB-51-37-SL	0.414	G	0.242	-0.383	U,G	1.35									
NB-52-05-SL	0.305	G	0.236	0.448	U,G	0.914									
NB-52-13-SL	0.298	G	0.192	0.613	U,G	1.54									
NB-52-25-SL	0.21	U,G	0.22	0.0994	U,G	0.829									
NB-52-35-SL	0.311	G	0.228	0.235	U,G	0.921									
NB-53-05-SL	0.31	G	0.182	0.309	U,G	0.829									
NB-53-13-SL	0.266	G	0.2	0.175	U,G	1.13									
NB-53-23-SL	0.242	U,G	0.255	-0.287	U,G	1.04									
NB-53-33-SL	0.211	U,G	0.216	-0.2	U,G	1.06									
NB-54-05-SL	0.354	G	0.2	-0.802	U,G	1.8									
NB-54-13-SL	0.415	G	0.232	0	U,G	1.43									
NB-54-25-SL	0.374	G	0.321	0.55	U,G	0.765									
NB-54-31-SL	0.0393	U	0.156	-0.68	U	0.88									
NB-55-05-SL	0.34	G	0.245	0.384	U,G	0.883	1.15		0.0828	1.14		0.0796	1.08		0.0297
NB-55-13-SL	0.264	G	0.214	-0.109	U,G	1.72									
NB-55-25-SL	0.305	U,G	0.309	0.149	U,G	0.856									
NB-55-33-SL	0.0166	U	0.18	0.0466	U	0.648									
NB-56-05-SL	0.404		0.179	0.189	U	0.96									
NB-56-13-SL	0.324	G,TI	0.228	-0.441	U,G	1.67									
NB-56-25-SL	0.23	G	0.196	-0.314	U,G	1.22									
NB-56-33-SL	0.0802	U	0.198	0.0562	U	1.13									
NB-57-05-SL	0.342	G	0.231	0.134	U,G	1.67									
NB-57-05-SL-FD	0.215	U,G	0.224	0.302	U,G	1.27									
NB-57-15-SL	0.26	G	0.239	-0.43	U,G	1.76									
NB-57-29-SL	0.277	G	0.247	0	U,G	0.965									
NB-57-34-SL	0.269	G	0.168	0.38	U,G	1.28									
NB-58-05-SL	0.288	G	0.208	-0.298	U,G	1.22									
NB-58-15-SL	0.295	G	0.244	0.0932	U,G	1.69									
NB-58-29-SL	0.43	G	0.198	0.189	U,G	1.14									
NB-58-36-SL	0.284	G,TI	0.235	0.33	U,G	1.28									
NB-59-05-SL	0.344	G	0.184	0.266	U,G	1.01									
NB-59-13-SL	0.213	U,G	0.216	-0.482	U,G	1.82									
NB-59-25-SL	0.457	G	0.187	-0.0571	U,G	0.7									
NB-59-31-SL	0.259	G	0.201	0.484	U,G	0.771									
NB-60-05-SL	0.174	U,G	0.249	0.445	U,G	0.713									
NB-60-13-SL	0.405	G	0.263	0.171	U,G	1.49									
NB-60-23-SL	0.183	U,G	0.187	-1.78	U,G	1.53									

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thallium-208			Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)			Thorium-232 (A)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-60-31-SL	0.143	U,G	0.251	0.203	U,G	0.911									
NB-61-05-SL	0.488	G	0.218	0.627	U,G	1.73									
NB-61-13-SL	0.27	U,G	0.312	0.201	U,G	0.984									
NB-61-23-SL	0.377	G	0.227	0	U,G	1.56									
NB-61-28-SL	0.127	U	0.159	-0.133	U	0.713									
NB-62-05-SL	0.291	G,TI	0.224	-0.313	U,G	1.47									
NB-62-12-SL	0.0196	U,G	0.17	-0.421	U,G	0.78									
NB-62-22-SL	-0.0794	U,G	0.273	0.11	U,G	0.864									
NB-63-05-SL	0.246	U,G	0.269	-0.292	U,G	1.04									
NB-63-13-SL	0.0189	U,G	0.241	0.13	U,G	1.32									
NB-63-19-SL	0.0781	U	0.173	0.242	U	0.842									
NB-64-05-SL	0.281	G	0.243	0.314	U,G	0.837									
NB-64-13-SL	0.112	U,G	0.231	-0.309	U,G	1.3									
NB-64-17-SL	0.0994	U,G	0.136	-0.505	U,G	0.837									
NB-65-05-SL	0.231	G	0.198	-0.159	U,G	0.809									
NB-65-13-SL	0.185	U,G	0.203	0.457	U,G	0.748									
NB-65-17-SL	0.126	U,G	0.192	0.117	U,G	0.705									
NB-66-05-SL	0.149	U,G	0.241	0	U,G	1.08									
NB-66-05-SL-FD	0.195	U,G	0.311	0.05	U,G	1.32									
NB-66-15-SL	0.116	U,G	0.277	-0.0904	U,G	1.42									
NB-66-19-SL	0.133		0.12	-0.135	U	0.924									
NB-67-05-SL	0.279	G	0.261	0.042	U,G	0.896									
NB-67-11-SL	0.0565	U,G	0.154	-0.547	U,G	0.69									
NB-67-21-SL	0.142	U	0.157	-0.178	U	1.12									
NB-68-05-SL	0.277	G	0.195	-1.02	U,G	1.46									
NB-68-13-SL	0.216	G	0.183	0	U,G	1.43									
NB-68-17-SL	0.206	U,G	0.236	0.221	U,G	1.61									
NB-68-25-SL	0.456	G	0.284	0.414	U,G	1.11									
NB-68-33-SL	0.156	U,G	0.211	-0.11	U,G	0.864									
NB-69-05-SL	0.26	G	0.165	-1.52	U,G	1.35									
NB-69-15-SL	0.167	G	0.153	-1.04	U,G	1.18									
NB-69-22-SL	0.381	G	0.204	-1.36	U,G	1.51									
NB-69-34-SL	0.174	U	0.18	-0.911	U	1.16									
NB-70-05-SL	0.309	G	0.194	-1.33	U,G	1.44									
NB-70-15-SL	0.339	G	0.16	0.0587	U,G	1.03									
NB-70-23-SL	0.18	U,G	0.263	-1.03	U,G	1.35									
NB-70-33-SL	0.249	G	0.193	-1.33	U,G	1.32									
NB-71-01-SL	0.368	G	0.181	-0.332	U,G	1.16	1.23		0.0939	1.16		0.0827	1.12		0.0329
NB-71-01-SL-FD	0.355	G	0.297	-0.331	U,G	1.55	1.06		0.0723	1.05		0.0801	1.07		0.0109
NB-71-11-SL	0.309	G	0.222	0.296	U,G	0.888									
NB-71-27-SL	0.176	G,TI	0.173	0.153	U,G	0.963									
NB-72-05-SL	0.171	U,G	0.214	-0.109	U,G	1.44									
NB-72-11-SL	0.238	U,G	0.244	-0.189	U,G	1.06									

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thallium-208			Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)			Thorium-232 (A)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-72-19-SL	0.0548	U	0.117	-0.446	U	1.06									
NB-72-22-SL	-0.0245	U	0.234	0.133	U	0.667									
NB-73-05-SL	0.109	U,G	0.243	-0.127	U,G	1.01									
NB-73-13-SL	0.0359	U,G	0.243	-0.704	U,G	1.09									
NB-73-23-SL	0.0557	U	0.211	-0.705	U	1.02									
NB-74-05-SL	0.188	U,G	0.206	-1.4	U,G	1.42									
NB-74-17-SL	0.243	G	0.239	0.135	U,G	1.18									
NB-74-25-SL	0.225	G	0.21	-0.482	U,G	1.54									
NB-74-33-SL	0.0544	U,G	0.163	-0.138	U,G	0.865									
NB-75-08-SL	0.262	G	0.224	0.431	U,G	0.799									
NB-75-15-SL	0.228	U,G	0.234	0.457	U,G	1.11									
NB-75-19-SL	0.132	U	0.142	0.382	U	0.791									
NB-76-06-SL	0.0339	U,G	0.185	-0.547	U,G	1.09									
NB-76-10-SL	-0.0402	U	0.168	-0.345	U	0.736									
NB-76-24-SL	0.0931	U	0.178	0.0975	U	0.674									
NB-77-05-SL	0.0799	U,G	0.174	-0.358	U,G	0.976									
NB-77-13-SL	0.0869	U	0.198	-0.0594	U	1.27									
NB-77-24-SL	0.0797	U	0.165	0.147	U	0.578									
NB-78-07-SL	0.31	G	0.301	-0.256	U,G	1.49	0.92		0.073	0.897		0.0781	0.854		0.0293
NB-78-11-SL	0.116	U,G	0.162	-0.37	U,G	1.04									
NB-78-18-SL	0.312	G	0.212	0.289	U,G	0.848									
NB-79-05-SL	0.216	U,G	0.302	0.569	U,G	1.19									
NB-79-05-SL-FD	0.226	G	0.21	-0.22	U,G	1.16									
NB-79-11-SL	0.19	U,G	0.214	0.038	U,G	0.853									
NB-79-24-SL	0.135	U	0.155	0.294	U	0.879									
NB-80-05-SL	0.293	G	0.214	-0.0369	U,G	1.16									
NB-80-11-SL	0.247	G	0.184	-0.865	U,G	1.23									
NB-80-27-SL	0.126	U,G	0.233	0.173	U,G	1.44									
NB-81-09-SL	0.359	G	0.182	0	U,G	1.12									
NB-81-11-SL	0.338	G	0.242	0.124	U,G	1.09									
NB-81-31-SL	0.0408	U,G	0.168	-0.168	U,G	0.979									
NB-82-05-SL	0.291	G	0.25	0.43	U,G	1.56									
NB-82-11-SL	0.0778	U	0.171	0.108	U	0.907									
NB-82-20-SL	0.06	U	0.154	0.162	U	0.545									
NB-83-05-SL	0.197	U,G	0.35	-0.283	U,G	1.2									
NB-83-11-SL	0.0798	U,G	0.17	-0.466	U,G	1.06									
NB-83-23-SL	0.145	TI	0.134	-0.162	U	0.605									
NB-84-05-SL	0.315	G	0.289	-0.184	U,G	1.54									
NB-84-15-SL	0.19	U,G	0.191	-1.11	U,G	1.25									
NB-84-23-SL	-0.0156	U,G	0.163	-0.0304	U,G	0.664									
NB-84-33-SL	0.0525	U	0.197	-0.721	U	0.983									
NB-85-05-SL	0.151	U,G	0.264	-0.222	U,G	1.56									
NB-85-15-SL	0.322	G	0.214	-0.0346	U,G	0.865									

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thallium-208			Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)			Thorium-232 (A)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
NB-85-25-SL	0.447	G	0.207	-0.0354	U,G	1.3									
NB-85-35-SL	0.0518	U	0.141	0.33	U	0.333									
NB-86-05-SL	0.322	U,G	0.325	-0.193	U,G	1.16									
NB-86-15-SL	0.335	G	0.204	-0.639	U,G	1.44									
NB-86-19-SL	0.177	G	0.14	-0.0291	U,G	0.713									
OA-18-03-SL	0.336		0.188	-0.0549	U	0.995									
OA-18-17-SL	0.209	G	0.191	-0.0578	U,G	1.08									
OA-18-25-SL	0.194	U,G	0.293	0.284	U,G	1.54									
OA-18-33-SL	0.288		0.183	-0.0257	U	1.1									
OA-19-05-SL	0.318		0.228	-0.0716	U	0.962									
OA-19-15-SL	0.39	G	0.187	-0.224	U,G	1.08									
OA-19-25-SL	0.394	G	0.299	0	U,G	1.28									
OA-19-33-SL	0.244		0.171	0.272	U	0.564									
PL-04-05-SL	0.286	G	0.232	-0.345	U,G	1.79	1.15		0.0544	1.15		0.0711	1.09		0.0231
PL-04-13-SL	0.284	G	0.259	-0.113	U,G	1.04									
PL-04-23-SL	0.145	U	0.255	-0.286	U	1.41									
PL-04-31-SL	0.348	G	0.169	0.478	U,G	0.542									
PL-05-05-SL	0.346	G	0.247	0.308	U,G	1.03	1.28		0.0577	1.2		0.0785	0.934		0.027
PL-05-15-SL	0.177	U	0.211	-0.184	U	1.39									
PL-05-28-SL	0.206	U,G	0.222	-0.158	U,G	0.902									
PL-06-07-SL	0.286	G	0.206	0.0308	U,G	0.882									
PL-06-13-SL	0.283	G	0.162	0.0308	U,G	0.77									
PL-06-17-SL	0.373	G	0.238	0.191	U,G	0.766									
PL-06-29-SL	0.192		0.155	-0.7	U	1.05									
PL-06-33-SL	0.054	U	0.199	-0.024	U	0.799									
RR-04-07-SL	0.327	G	0.304	-0.042	U,G	1.5	1.34		0.0729	1.13		0.0862	1.29		0.0316
RR-04-15-SL	0.231	U,G	0.234	-0.191	U,G	1.24									
RR-04-25-SL	0.232	G	0.221	0.286	U,G	1.51									
RR-05-05-SL	0.246	G	0.241	-0.43	U,G	1.67	1.17		0.0761	1.24		0.0975	1.07		0.0414
RR-05-05-SL-FD	0.369	G	0.302	-0.403	U,G	1.59	1.36		0.0767	1.16		0.0909	1.19		0.0462
RR-05-15-SL	0.21	U,G	0.215	-0.54	U,G	1.29									
RR-05-25-SL	0.156	U,G	0.234	-0.287	U,G	1.22									
SW-02-01-SL	0.828	G	0.258	-0.0947	U,G	1.03	2.39	M3	0.149	1.71	M3	0.151	2.5		0.0526
SW-02-09-SL	0.288	G	0.179	0.0903	U,G	1.11									
SW-02-15-SL	0.307	G	0.263	0.243	U,G	1.76									
SW-02-23-SL	0.194	G	0.175	0.208	U,G	0.772									
SW-05-08-SL	0.258	G	0.254	-0.39	U,G	1.74									
SW-05-12-SL	0.228	U,G	0.242	0.127	U,G	0.808									
SW-06-05-SL	0.383	G	0.233	0.0664	U,G	0.862									
SW-06-05-SL-FD	0.316	G	0.204	0.351	U,G	0.871									
SW-06-13-SL	0.141	U,G	0.276	0.438	U,G	0.825									
SW-06-23-SL	0.304	G	0.218	-2.27	U,G	1.74									
SW-07-05-SL	0.365	G	0.221	-0.182	U,G	0.893									

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thallium-208			Thorium-227 (G)			Thorium-228 (A)			Thorium-230 (A)			Thorium-232 (A)		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SW-07-15-SL	0.312	G	0.257	-0.255	U,G	1.12									
SW-07-23-SL	0.228	G	0.22	-2.59	U,G	1.7									
SW-08-03-SL	0.193	U,G	0.224	0.233	U,G	1.19									
SW-08-05-SL	0.204	U,G	0.221	0.351	U,G	1.44									
SW-08-15-SL	0.361	G	0.281	0.216	U,G	1.42									
SW-08-25-SL	0.0647	U	0.172	0.168	U	0.544									

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thorium-234 (G)			Uranium-234 (A)			Uranium-235 (A)			Uranium-235 (G)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Q	Result	MDL
BD-13-09-SL	0.295	U,G	1.73	1.08		0.0244	0.0884	LT	0.027	-0.115	U,G	0.764	0.892		0.023	U,G	0.687	0.762
BD-13-15-SL	0.326	U,G	2.21							-0.368	U,G	0.841				U,G	0.0552	0.771
BD-13-23-SL	1.31	U,G	2.5							-0.155	U,G	0.812				U,G	-0.194	0.706
BD-13-30-SL	1.17	U,G	2.74							0.195	U,G	0.627				U,G	-0.247	0.618
BD-14-05-SL	1.09	U,G	2.13	1.24		0.0141	0.081	LT	0.0166	0.472	U,G	0.738	0.924		0.0073	U,G	-0.12	0.731
BD-14-13-SL	0.331	U,G	2.5							0.0506	U,G	0.686				U,G	0.0294	0.574
BD-14-25-SL	1.17	U	2.44							-0.167	U	0.863				U	-0.327	0.835
BD-14-31-SL	0.683	U	1.84							0.253	U	0.661				U	-0.146	0.629
BD-15-05-SL	-0.252	U,G	2.64							-0.127	U,G	0.739				U,G	-0.356	0.727
BD-15-17-SL	1.45	U,G	2.67							0.322	U,G	0.977				U,G	-0.251	0.928
BD-15-25-SL	1.26	U	2.63							0.253	U	0.573				U	-0.154	0.546
BD-15-31-SL	0.926	U,G	2.06							0.129	U,G	1.02				U,G	-0.0181	0.574
BD-16-05-SL	0.996	U,G	2.22	1.73		0.0457	0.0741	LT	0.0448	0.309	U,G	0.83	0.867		0.0381	U,G	0.0394	0.845
BD-16-15-SL	0.385	U,G	2							0.553	G,TI	0.507				U,G	0.284	0.634
BD-16-19-SL	2.15	U,G	3.41							0.272	U,G	0.828				U,G	-0.106	0.662
BD-16-25-SL	0.546	U,G	1.73							0.309	U,G	0.953				U,G	-0.0341	0.776
BD-16-34-SL	0.947	U,G	1.71							0.156	U,G	0.728				U,G	-0.39	0.828
BLD240-01-01	1.1	U	2.1							0.12	U	0.61				U	-0.37	0.62
BLD240-01-09	0.9	U	2.3							0.23	U	0.75				U	-0.51	0.72
BLD240-01-09FD	-0.6	U	2.8							0.13	U	0.62				U	-0.05	0.46
BLD240-01-31																		
BLD240-03-04	1.32	U	1.58							0.44	U	0.83				U	0.06	0.68
BLD240-03-04FD	0.9	U	2.9							0.09	U	0.75				U	-0.2	0.64
BLD240-03-14																		
BLD240-03-19	0.7	U	2.2							0.36	U	1				U	-0.32	0.85
BLD240-04-02	1.7	U	2.6							0.02	U	0.69				U	0.03	0.5
BLD240-04-04	0.9	U	2.2							0.3	U	0.62				U	-0.33	0.61
BLD240-04-33																		
BLD240-05-01	1.37	U	2.01							-0.08	U	0.88				U	-0.25	0.73
BLD240-05-02	1.6	U	2							-0.4	U	0.89				U	-0.25	0.73
BLD253-02-01	3.7		2.6							0.9	U	2				U	-0.16	0.44
BLD253-02-04	10.9		2.8	172	J	0.0658	7.74	J	0.0454	5.9		0.9	11.1	J	0.0386	U	0.05	0.63
BLD253-02-21FD	1.2	U	2.9							0.5	U	2.3				U	-0.26	0.55
BLD253-02-21																		
BLD255-05-01																		
BLD255-05-23																		
BLD255-07-02	1.7	U	2.6							0.06	U	0.69				U	-0.05	0.48
BLD255-07-15	1.1	U	2							0.37	U	0.81				U	-0.28	0.76
BLD255-07-33																		
BLD255-08-01	17.3		5.3	604	J	0.0578	23.1	J	0.062	13.4		1.1	13.8	J	0.0578	U	-0.22	0.53
BLD255-08-08	0.85	U	1.77							0.34	U	0.77				U	-0.23	0.78
BLD260-06-01	6.9		3	17.8	=	0.0108	0.79	=	0.03	0.87	TI	0.74	5.04	=	0.0209	U	-0.24	0.54
BLD260-06-03	0.6	U	2.2							0.12	U	0.89				U	-0.39	0.86

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thorium-234 (G)			Uranium-234 (A)			Uranium-235 (A)			Uranium-235 (G)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Q	Result	MDL
BLD260-06-31																		
BP-13-05-SL	0.245	U,G	2.62	0.943		0.0215	0.0476	LT	0.017	0.319	U,G	0.664	0.853		0.0075	U,G	-0.702	0.873
BP-13-11-SL	1.41	U,G	2.21							0.084	U,G	0.7				U,G	-0.387	0.733
BP-13-15-SL	0.983	U,G	2.05							-0.142	U,G	0.779				U,G	-0.204	0.756
BP-13-25-SL	1.2	U,G	2.66							0.387	U,G	0.744				U,G	-0.139	0.68
BP-13-35-SL	-0.47	U,G	2.25							0.124	U,G	0.658				U,G	-0.397	0.669
BP-17-05-SL	1.47	U,G	2.4							0.35	U,G	0.856				U,G	-0.266	0.798
BP-17-15-SL	0.486	U	2.32							0.287	U	0.598				U	-0.225	0.676
BP-17-23-SL	1.01	U,G	2.52							-0.256	U,G	0.757				U,G	-0.0951	0.617
BP-17-31-SL	1.27	U,G	2.37							-0.151	U,G	0.939				U,G	-0.223	0.858
BP-18-05-SL	0.269	U,G	2.78							0.177	U,G	0.868				U,G	-0.247	0.716
BP-18-15-SL	1.11	U,G	2.32							0.715	U,G	0.873				U,G	-0.492	1.07
BP-18-25-SL	1.11	U,G	3.46							0.0919	U,G	0.889				U,G	-0.16	0.837
BP-18-31-SL	0.199	U	1.87							-0.115	U	0.523				U	-0.152	0.478
BP-19-05-SL	0.952	U	2.21							0.148	U	0.629				U	0.026	0.506
BP-19-13-SL	-1.29	U	2.75							0.0967	U	0.759				U	-0.279	0.726
BP-19-25-SL	-0.208	U,G	2.36							0.156	U,G	0.631				U,G	-0.173	0.581
BP-19-29-SL	0.313	U	1.47							0.571	U	0.653				U	-0.227	0.682
BP-20-03-SL	1.1	U	1.82							-0.108	U	0.864				U	-0.27	0.734
BP-20-19-SL	0.782	U,G	2.72							0.111	U,G	0.888				U,G	-0.352	0.83
BP-20-27-SL	-0.376	U	2.04							-0.0223	U	0.556				U	-0.0262	0.394
BP-21-07-SL	1.24	U,G	1.76							0.118	U,G	0.727				U,G	-0.315	0.928
BP-21-07-SL-FD	0.145	U	2.76							-0.0517	U	0.886				U	0.176	0.671
BP-21-13-SL	0.746	U	2.3							0.0821	U	0.659				U	-0.111	0.636
BP-21-24-SL	1.66	U,G	2.08							0.176	U,G	0.877				U,G	-0.359	0.948
BP-21-34-SL	0.265	U	2.28							0.469	U	0.554				U	-0.242	0.64
BP-22-05-SL	1.67	U,G	2.84							0.0127	U,G	0.713				U,G	-0.239	0.618
BP-22-13-SL	0.729	U,G	2.55							0.0521	U,G	0.787				U,G	-0.134	0.693
BP-22-23-SL	1.45	U	2.07							0.17	U	0.589				U	-0.239	0.582
BP-22-33-SL	0.349	U	1.52							-0.145	U	0.722				U	-0.024	0.545
CB-02-05-SL	-0.373	U,G	2.77	2.48		0.0368	0.14		0.0297	0.0896	U,G	0.717	1.14		0.0298	U,G	-0.168	0.667
CB-02-05-SL-FD	0.41	U,G	3.12	3.71		0.0233	0.212		0.0104	0.483	U,G	0.924	1.38		0.0089	U,G	-0.15	0.763
CB-02-15-SL	-0.862	U,G	2.96							0.28	U,G	0.699				U,G	-0.0278	0.546
CB-02-25-SL	0.89	U,G	2.84							0.426	U,G	0.812				U,G	-0.435	0.877
DM-02-05-SL	36.3		3.28							9.24		2.32				U	-0.467	0.824
DM-02-17-SL	0.377	U,G	2.78							0.0698	U,G	0.728				U,G	-0.0994	0.687
DM-02-22-SL	28.9		3.35	157		0.0649	6.38		0.0574	8.18		1.27	27.2		0.055	U	-0.215	0.853
DM-02-33-SL	12		3.24							2.91		0.835				U	-0.135	0.561
DM-03-05-SL	0.472	U,G	2.63	0.712		0.0233	0.0574	LT	0.0161	0.0728	U,G	0.687	0.856		0.0165	U,G	-0.153	0.686
DM-03-05-SL-FD	1.49	U,G	2.46	0.439		0.0225	0.0211	U	0.0236	-0.256	U,G	1.01	0.505		0.0201	U,G	-0.487	1.04
DM-03-13-SL	0.591	U,G	2.44							0.118	U,G	0.705				U,G	-0.204	0.701
DM-03-25-SL	1.22	U,G	2.34							0.277	U,G	0.799				U,G	-0.123	0.742
DM-03-34-SL	0.701	U,G	2.12							0.196	U,G	0.555				U,G	-0.0594	0.539

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thorium-234 (G)			Uranium-234 (A)			Uranium-235 (A)			Uranium-235 (G)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Q	Result	MDL
EP-13-03-SL	6.97	J	4.16							1.34	J	0.884				UJ	0.031	0.573
EP-13-13-SL	2.03	U	2.28							0.187	UJ	0.919				UJ	-0.517	1.01
EP-13-25-SL	-1.87	UJ	3.06							0.0234	UJ	0.752				UJ	-0.0527	0.494
EP-13-30-SL	0.466	UJ	2.32							0.362	UJ	0.597				UJ	-0.146	0.551
EP-14-05-SL	1.54	U	1.96							-0.274	UJ	1.12				UJ	0.0489	0.905
EP-14-13-SL	-0.378	UJ	2.98							0.14	UJ	0.757				UJ	-0.123	0.57
EP-14-25-SL	-0.46	UJ	3.34							0.465	U	0.707				UJ	0.162	0.678
EP-14-31-SL	0.902	UJ	2.6							-0.0508	UJ	0.575				UJ	-0.121	0.526
EP-15-05-SL	1.64	U,G	2.98							0.171	U,G	1.9				U,G	-0.443	0.867
EP-15-13-SL	1.89	U,G	3.49							-0.142	U,G	0.944				U,G	-0.256	0.808
EP-15-25-SL	0.0322	U	1.38							0	U	0.707				U	-0.252	0.666
EP-15-29-SL	-1	U	2.69							0.0779	U	0.743				U	-0.13	0.66
EP-16-05-SL	-0.154	U,G	2.68	2.42		0.0164	0.154		0.0099	-0.153	U,G	0.749	1.13		0.0164	U,G	-0.257	0.703
EP-16-15-SL	2.05	U,G	2.79							0.313	U,G	0.708				U,G	-0.289	0.724
EP-16-27-SL	0.341	U	1.69							-0.0704	U	0.547				U	-0.0614	0.341
EP-17-05-SL	1.44	U,G	2.13	2.67		0.0163	0.148		0.0231	0.442	U,G	0.889	1.15		0.0163	U,G	-0.0859	0.801
EP-17-15-SL	1.69	U,G	2.92							0.417	U,G	0.784				U,G	-0.317	0.79
EP-17-25-SL	1.2	U,G	2.54							0.0336	U,G	0.988				U,G	-0.505	1.06
EP-17-30-SL	0.315	U	2.1							-0.272	U	0.686				U	-0.0173	0.468
EP-18-09-SL	10.6	J	3.16							1.61	J	1.01				UJ	-0.437	0.952
EP-18-09-SL-FD	5.07	J	1.96							0.967	U	1.04				UJ	0.507	0.839
EP-18-15-SL	0.61	UJ	2.29							-0.022	UJ	0.775				UJ	-0.0626	0.649
EP-18-29-SL	1.07	UJ	1.97							0.0312	UJ	0.931				UJ	-0.0846	0.789
EP-19-05-SL	10.1	J	2.67							1.49	J	0.738				UJ	-0.0483	0.851
EP-19-13-SL	9.61	J	3.39							1.54	J	0.863				UJ	-0.32	0.832
EP-19-25-SL	-0.586	UJ	2.64							-0.101	UJ	0.724				UJ	-0.282	0.737
EP-19-31-SL	0.382	UJ	1.72							0.331	UJ	0.698				UJ	-0.0248	0.661
EP-20-05-SL	0.224	U,G	2.15							0.315	U,G	0.734				U,G	-0.0422	0.854
EP-20-15-SL	1.64	U,G	2.04							0.0302	U,G	0.865				U,G	0.0987	0.684
EP-20-25-SL	2.64	U,G	3.15							0.0557	U,G	0.78				U,G	-0.016	0.818
LF-06-05-SL	-0.113	U,G	2.75	5.62		0.0338	0.24		0.0261	0.356	U,G	0.607	1.42		0.015	U,G	-0.368	0.77
LF-06-13-SL	2.34	G,TI	2.32							0.0298	U,G	0.709				U,G	0.713	0.768
LF-06-27-SL	0.414	U,G	1.82							0.0141	U,G	0.75				U,G	0.0415	0.7
LF-06-32-SL	0.249	U,G	1.7							-0.282	U,G	0.651				U,G	-0.24	0.596
LF--07-09-SL	1.59	U,G	2.47							0.159	U,G	0.742				U,G	-0.166	0.624
LF-07-15-SL	0.772	U,G	2.44							-0.149	U,G	0.731				U,G	-0.404	0.835
LF-07-25-SL	-0.0918	U,G	2.33							0.385	U,G	0.836				U,G	-0.253	0.748
LF-07-34-SL	1.41	U,G	2.14							0.121	U,G	0.829				U,G	-0.251	0.728
LF-08-05-SL	0.819	U,G	2.31							0.188	U,G	0.885				U,G	-0.371	0.926
LF-08-05-SL-FD	2.04	U,G	2.68							0.4	U,G	0.676				U,G	-0.269	0.687
LF-08-15-SL	0.746	U,G	2.42							0.3	U,G	0.682				U,G	-0.42	0.728
LF-08-21-SL	0.234	U,G	2.64							0.0309	U,G	0.909				U,G	0.0337	0.754
LF-08-37-SL	-0.374	U,G	1.54							-0.204	U,G	0.758				U,G	-0.328	0.736

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thorium-234 (G)			Uranium-234 (A)			Uranium-235 (A)			Uranium-235 (G)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Q	Result	MDL
LF-09-03-SL	1.37	U,G	3.01							0.21	U,G	1.6				U,G	-0.276	0.657
LF-09-17-SL	-0.438	U,G	3.2							-0.177	U,G	0.968				U,G	-0.274	0.907
LF-09-25-SL	0.492	U,G	3.08							0.174	U,G	0.736				U,G	-0.299	0.633
LF-09-31-SL	0.691	U,G	1.9							0.29	U,G	0.635				U,G	-0.0314	0.623
NB-28-04-SL	0.368	U,G	2.79							0.126	U,G	0.75				U,G	-0.458	0.864
NB-28-14-SL	0.61	U,G	1.82							0.0606	U,G	0.88				U,G	-0.321	0.912
NB-28-24-SL	0.649	U,G	1.97							-0.0672	U,G	0.689				U,G	-0.199	0.659
NB-28-35-SL	0.451	U,G	1.8							0.161	U,G	0.617				U,G	-0.161	0.585
NB-29-05-SL	0.487	U,G	2.14							0	U,G	0.877				U,G	-0.366	0.848
NB-29-14-SL	-0.592	U,G	1.37							0.117	U,G	0.568				U,G	-0.159	0.523
NB-29-22-SL	0.709	U	1.29							0.0182	U	0.486				U	-0.105	0.495
NB-30-05-SL	-0.528	U,G	3.46	0.917		0.035	0.0363	LT	0.0291	0.123	U,G	0.966	0.884		0.0278	U,G	-0.385	0.867
NB-30-15-SL	2.74	U,G	3.51							0.237	U,G	0.894				U,G	-0.373	0.854
NB-30-25-SL	0.644	U,G	2.06							0.412	U,G	0.777				U,G	-0.379	0.966
NB-30-33-SL	0.498	U,G	2.48							0.451	U,G	0.69				U,G	-0.00263	0.649
NB-31-05-SL	0.806	U,G	2							0.101	U,G	0.932				U,G	-0.612	1.14
NB-31-15-SL	1.3	U,G	2.58	0.923		0.0222	0.0356	LT	0.0193	0.237	U,G	0.718	0.847		0.0243	U,G	-0.259	0.704
NB-31-27-SL	1.06	U,G	2.48							-0.197	U,G	0.923				U,G	-0.242	0.73
NB-31-32-SL	1.54	U,G	1.75							-0.118	U,G	0.857				U,G	-0.29	0.745
NB-32-05-SL	-1.12	U,G	2.21							-0.0627	U,G	0.948				U,G	-0.174	0.79
NB-32-15-SL	1.08	U,G	1.56							0.243	U,G	0.857				U,G	-0.277	0.926
NB-32-27-SL	0.875	U,G	2.48							0.0262	U,G	0.709				U,G	-0.649	0.817
NB-32-33-SL	0.00358	U,G	1.68							0.174	U,G	0.68				U,G	-0.0741	0.694
NB-33-05-SL	-0.754	U,G	2.64							0.17	U,G	0.799				U,G	-0.191	0.66
NB-33-15-SL	0.808	U,G	1.99							0.184	U,G	0.95				U,G	0.00436	0.773
NB-33-27-SL	-0.136	U	2.2							0.31	U	0.49				U	-0.0814	0.452
NB-34-05-SL	1.3	U,G	1.86							0.186	U,G	0.949				U,G	-0.181	0.851
NB-34-15-SL	1.96	U,G	2.67							-0.0445	U,G	0.792				U,G	0	0.594
NB-34-25-SL	0.286	U	1.6							0.226	U	0.59				U	-0.0286	0.601
NB-35-01-SL	1.16	U,G	2.38							-0.123	U,G	0.965				U,G	-0.299	0.768
NB-35-15-SL	0.684	U,G	1.56							0.0587	U,G	0.932				U,G	-0.215	0.829
NB-35-25-SL	0.249	U,G	3.08							0.126	U,G	0.77				U,G	0.0767	0.631
NB-36-05-SL	-0.685	U,G	2.96	0.753		0.0154	0.0518	LT	0.0094	-0.175	U,G	0.676	0.83		0.0154	U,G	-0.473	0.794
NB-36-15-SL	1.51	U,G	2.38	0.976		0.0319	0.0268	LT	0.0228	0.202	U,G	0.802	0.794		0.0219	U,G	-0.298	0.846
NB-36-27-SL	1.06	U	1.83							-0.478	U	0.924				U	-0.191	0.669
NB-37-05-SL	1.27	U,G	2.41							-0.0845	U,G	0.873				U,G	-0.114	0.771
NB-37-15-SL	1.33	U,G	2.43							-0.348	U,G	0.933				U,G	-0.309	0.909
NB-37-25-SL	0.0649	U,G	2.3							0.235	U,G	0.665				U,G	-0.242	0.801
NB-38-09-SL	1.62	U,G	1.92							-0.0128	U,G	0.676				U,G	0.201	0.547
NB-38-15-SL	0.373	U	1.86							-0.36	U	0.695				U	0.0183	0.63
NB-38-25-SL	1.76	U	2.06							-0.0766	U	0.706				U	0.628	0.674
NB-39-05-SL	1.09	U,G	3.51							0.233	U,G	0.914				U,G	0.142	0.665
NB-39-15-SL	1.86	U,G	2.62							0.276	U,G	0.677				U,G	-0.145	0.565

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thorium-234 (G)			Uranium-234 (A)			Uranium-235 (A)			Uranium-235 (G)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Q	Result	MDL
NB-39-25-SL	1.4	U,G	1.84							0.143	U,G	0.771				U,G	-0.21	0.792
NB-39-30-SL	1.92	U,G	3.71							-0.194	U,G	0.879				U,G	-0.0965	0.632
NB-40-05-SL	1.23	U,G	2.04							-0.029	U,G	0.828				U,G	-0.345	0.861
NB-40-05-SL-FD	-0.399	U	1.74							-0.268	U	0.676				U	-0.218	0.633
NB-40-17-SL	1.64	U,G	3.7							-0.0836	U,G	0.874				U,G	-0.254	0.811
NB-40-25-SL	0.165	U	1.37							0.128	U	0.654				U	-0.294	0.682
NB-40-31-SL	-0.251	U	1.48							0.252	U	0.543				U	-0.148	0.55
NB-41-05-SL	0.45	U	2.53							-0.202	U	0.872				U	-0.133	0.696
NB-41-13-SL	1.2	U	1.25							0.204	U	0.59				U	-0.198	0.627
NB-41-19-SL	0.256	U,G	1.63							0.322	U,G	0.632				U,G	0.1	0.612
NB-42-05-SL	1.26	U,G	2.47							0.133	U,G	0.666				U,G	-0.283	0.669
NB-42-13-SL	0.585	U	1.47							0.0746	U	0.668				U	-0.167	0.567
NB-42-23-SL	0.0696	U	1.42							0.209	U	0.487				U	-0.0632	0.514
NB-43-05-SL	2.39	U,G	2.52							0.102	U,G	0.64				U,G	-0.266	0.607
NB-43-13-SL	0.669	U	2.29							-0.0449	U	0.624				U	0.00673	0.472
NB-44-05-SL	0.519	U	1.33	0.494		0.0213	0.0344	LT	0.0169	0.0978	U	0.624	0.474		0.0144	U	-0.056	0.523
NB-44-05-SL-FD	0.0111	U,G	1.51	0.381		0.0195	0.0258	LT	0.0087	0.0384	U,G	0.563	0.353		0.0144	U,G	-0.098	0.559
NB-44-11-SL	0.734	U	1.58							0.133	U	0.44				U	-0.0651	0.392
NB-44-18-SL	0.701	U	2.02							0.16	U	0.537				U	-0.0819	0.542
NB-45-05-SL	1.26	U,G	2.04							0.556	U,G	0.864				U,G	0.201	0.746
NB-45-05-SL-FD	1.56	U,G	2.48							-0.264	U,G	0.971				U,G	0.113	0.707
NB-45-13-SL	1.27	U,G	2.22							-0.155	U,G	0.886				U,G	-0.231	0.888
NB-45-25-SL	0.379	U,G	2.21							-0.0654	U,G	0.975				U,G	-0.136	0.829
NB-45-33-SL	0.202	U	1.7							0.112	U	0.56				U	-0.187	0.587
NB-46-09-SL	1.42	U	1.83							-0.518	U	0.866				U	-0.246	0.809
NB-46-17-SL	0.196	U,G	1.8							0.275	U,G	0.578				U,G	0.00324	0.573
NB-46-25-SL	1.07	U,G	3.22							0.108	U,G	0.887				U,G	-0.202	0.705
NB-46-29-SL	1.41	U,G	2.93							0.243	U,G	0.607				U,G	-0.282	0.652
NB-47-05-SL	0.126	U	2.5							0.122	U	0.612				U	-0.328	0.695
NB-47-15-SL	0.886	U,G	3.16							-0.00446	U,G	0.716				U,G	-0.223	0.642
NB-47-25-SL	1.35	U,G	2.55							0	U,G	1.05				U,G	-0.454	1.08
NB-47-31-SL	1.16	U,G	3.09							0.342	U,G	0.826				U,G	-0.324	0.666
NB-48-05-SL	1.41	U,G	2.69							0.262	U,G	0.783				U,G	-0.304	0.781
NB-48-11-SL	0.556	U,G	2.48							-0.0969	U,G	0.743				U,G	-0.211	0.769
NB-48-15-SL	0.917	U,G	2.5							0.546	U,G	0.758				U,G	-0.509	1.01
NB-48-25-SL	0.961	U,G	2.8							0.28	U,G	0.694				U,G	-0.437	0.73
NB-48-35-SL	1.03	U,G	2.59							0.37	U,G	0.686				U,G	-0.161	0.651
NB-49-05-SL	-1.9	U,G	3.5							0.595	U,G	0.773				U,G	-0.0534	0.844
NB-49-05-SL-FD	0.982	U,G	2.12							-0.18	U,G	0.861				U,G	-0.172	0.797
NB-49-15-SL	1.44	U,G	2.92							0.0292	U,G	0.835				U,G	0.49	1.1
NB-49-25-SL	-0.552	U,G	2.93							-0.101	U,G	0.767				U,G	-0.132	1
NB-49-37-SL	0.0495	U,G	1.85							-0.0869	U,G	0.738				U,G	-0.294	0.8
NB-50-05-SL	1.13	U,G	2.85							0.194	U,G	0.903				U,G	-0.416	0.787

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thorium-234 (G)			Uranium-234 (A)			Uranium-235 (A)			Uranium-235 (G)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Q	Result	MDL
NB-50-15-SL	1.06	U,G	2.29							0.0268	U,G	0.727				U,G	-0.383	0.844
NB-50-25-SL	-0.534	U,G	2.09							0.363	U,G	0.891				U,G	-0.0434	0.803
NB-50-37-SL	0.608	U	2.2							-0.146	U	0.575				U	-0.11	0.511
NB-51-05-SL	0.995	U,G	2.4	0.83		0.0213	0.0458	LT	0.0096	0.189	U,G	0.608	0.813		0.0189	U,G	-0.158	0.625
NB-51-13-SL	0.534	U,G	3.26							0.773	U,G	0.795				U,G	-0.186	0.792
NB-51-25-SL	-0.862	U,G	2.89							0.0704	U,G	0.792				U,G	-0.302	0.806
NB-51-37-SL	0.77	U,G	2.76							0.312	U,G	0.648				U,G	-0.03	0.556
NB-52-05-SL	0.496	U,G	1.73							0.0632	U,G	0.955				U,G	-0.811	1.13
NB-52-13-SL	0.625	U,G	3.24							0.172	U,G	0.82				U,G	0.0996	0.701
NB-52-25-SL	-0.984	U,G	2.87							-0.204	U,G	0.819				U,G	-0.507	0.812
NB-52-35-SL	0.515	U,G	1.48							0.425	U,G	0.729				U,G	-0.026	0.648
NB-53-05-SL	1.3	U,G	3.12							0.149	U,G	0.636				U,G	0.0666	0.461
NB-53-13-SL	-0.256	U,G	2.62							0.112	U,G	0.702				U,G	0.208	0.538
NB-53-23-SL	1.57	U,G	2							0.413	U,G	0.658				U,G	-0.34	1
NB-53-33-SL	0.83	U,G	2.06							0.201	U,G	0.567				U,G	-0.293	0.718
NB-54-05-SL	1.32	U,G	3.35							0.246	U,G	0.857				U,G	-0.326	0.878
NB-54-13-SL	1.23	U,G	3.67							0.418	U,G	0.788				U,G	-0.107	0.707
NB-54-25-SL	1.23	U,G	2.25							-0.0609	U,G	0.908				U,G	-0.13	0.806
NB-54-31-SL	0.211	U	1.44							0.0826	U	0.475				U	-0.232	0.57
NB-55-05-SL	1.57	U,G	2.14	0.836		0.0299	0.059	LT	0.0166	0.119	U,G	0.899	0.9		0.0141	U,G	-0.447	0.939
NB-55-13-SL	1.8	U,G	2.86							0.165	U,G	0.798				U,G	-0.101	0.674
NB-55-25-SL	0.189	U,G	1.46							-0.231	U,G	0.788				U,G	-0.256	0.827
NB-55-33-SL	0.343	U	1.88							-0.064	U	0.554				U	0.0149	0.351
NB-56-05-SL	-0.36	U	2.51							-0.104	U	0.651				U	-0.386	0.662
NB-56-13-SL	1.08	U,G	3.03							0.0556	U,G	0.83				U,G	-0.499	0.895
NB-56-25-SL	0.433	U,G	1.77							0.409	U,G	0.683				U,G	-0.0961	0.683
NB-56-33-SL	0.374	U	2.11							0.165	U	0.655				U	-0.258	0.598
NB-57-05-SL	1.6	U,G	2.91							-0.141	U,G	0.895				U,G	0.165	0.69
NB-57-05-SL-FD	-0.127	U,G	2.74							-0.0271	U,G	0.882				U,G	-0.34	0.767
NB-57-15-SL	-0.752	U,G	3.14							0.0813	U,G	0.881				U,G	-0.51	0.82
NB-57-29-SL	1.86	U,G	2.55							-0.23	U,G	0.747				U,G	-0.176	0.625
NB-57-34-SL	1.05	U,G	2.2							0.186	U,G	0.739				U,G	-0.394	0.733
NB-58-05-SL	-0.115	U,G	2.51							0.111	U,G	0.658				U,G	-0.395	0.714
NB-58-15-SL	0.889	U,G	3.2							0	U,G	0.921				U,G	-0.184	0.765
NB-58-29-SL	1.48	U,G	2.53							-0.045	U,G	0.75				U,G	-0.481	0.77
NB-58-36-SL	1.03	U,G	2.5							-0.052	U,G	0.755				U,G	-0.269	0.771
NB-59-05-SL	1.64	U,G	3.21							0.144	U,G	0.67				U,G	-0.211	0.692
NB-59-13-SL	0.651	U,G	2.15							-0.11	U,G	0.896				U,G	-0.313	0.781
NB-59-25-SL	1.41	U,G	2.77							-0.208	U,G	0.735				U,G	-0.379	0.685
NB-59-31-SL	0.827	U,G	2.06							-0.144	U,G	0.825				U,G	0.305	0.617
NB-60-05-SL	-0.876	U,G	2.73							0.25	U,G	0.629				U,G	-0.0961	0.603
NB-60-13-SL	1.06	U,G	2.25							-0.0992	U,G	0.918				U,G	-0.145	0.901
NB-60-23-SL	0.598	U,G	2.11							0.293	U,G	0.67				U,G	0.118	0.802

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thorium-234 (G)			Uranium-234 (A)			Uranium-235 (A)			Uranium-235 (G)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Q	Result	MDL
NB-60-31-SL	1.44	U,G	2.07							-0.157	U,G	0.846				U,G	-0.0757	0.71
NB-61-05-SL	0.152	U,G	3.06							0.0817	U,G	0.855				U,G	-0.323	0.87
NB-61-13-SL	0.938	U,G	2.22							-0	U,G	0.889				U,G	-0.41	0.915
NB-61-23-SL	0.874	U,G	3.28							0.0262	U,G	0.851				U,G	-0.272	0.788
NB-61-28-SL	1.18	U	2.01							0.129	U	0.602				U	0.0269	0.404
NB-62-05-SL	1.35	U,G	1.67							0.364	U,G	0.773				U,G	-0.234	0.929
NB-62-12-SL	1.34	U,G	1.74							-0.125	U,G	0.594				U,G	-0.172	0.559
NB-62-22-SL	0.0409	U,G	1.35							0.513	U,G	0.536				U,G	0.184	0.567
NB-63-05-SL	0.781	U,G	2.31	0.738		0.0188	0.035	LT	0.0095	0.162	U,G	0.84	0.736		0.0156	U,G	-0.469	0.944
NB-63-13-SL	-0.568	U,G	2.51							-0.0274	U,G	0.699				U,G	-0.0349	0.662
NB-63-19-SL	0.518	U	2.01							0.0692	U	0.522				U	-0.189	0.56
NB-64-05-SL	0.434	U,G	2.61							0.329	U,G	0.748				U,G	0	0.661
NB-64-13-SL	0.111	U,G	1.46							0.0299	U,G	0.703				U,G	-0.19	0.586
NB-64-17-SL	0.0826	U,G	1.86							0.233	U,G	0.457				U,G	-0.113	0.532
NB-65-05-SL	0.889	U,G	2.36							0.177	U,G	0.65				U,G	-0.48	0.83
NB-65-13-SL	0.275	U,G	2.45							-0.153	U,G	0.719				U,G	-0.522	0.784
NB-65-17-SL	0.578	U,G	1.95							0.151	U,G	0.709				U,G	-0.017	0.54
NB-66-05-SL	0.395	U,G	1.8							-0.214	U,G	0.943				U,G	0.121	0.752
NB-66-05-SL-FD	1.21	U,G	2.23							-0.0776	U,G	1.02				U,G	-0.251	0.816
NB-66-15-SL	1.05	U,G	2.68							0.0569	U,G	0.802				U,G	-0.14	0.711
NB-66-19-SL	1.04	U	1.86							0.0116	U	0.604				U	-0.0543	0.492
NB-67-05-SL	1.29	U,G	1.82							0.228	U,G	0.845				U,G	-0.0872	0.812
NB-67-11-SL	0.225	U,G	1.61							-0.292	U,G	0.627				U,G	-0.193	0.561
NB-67-21-SL	0.883	U	1.91							-0.179	U	0.659				U	0.0352	0.441
NB-68-05-SL	0.473	U,G	2.02							0.362	U,G	0.654				U,G	0.622	0.729
NB-68-13-SL	0.97	U,G	1.44							0	U,G	0.88				U,G	0.0166	0.621
NB-68-17-SL	0.554	U,G	2.12							0.279	U,G	0.751				U,G	-0.254	0.832
NB-68-25-SL	0.705	U,G	2.78							0.361	U,G	0.684				U,G	0.0347	0.579
NB-68-33-SL	0.00268	U,G	1.54							-0.0285	U,G	0.67				U,G	0.0642	0.51
NB-69-05-SL	1.38	U,G	1.76							-0.539	U,G	0.695				U,G	-0.211	0.814
NB-69-15-SL	-0.202	U,G	1.54							0.0896	U,G	0.584				U,G	-0.165	0.624
NB-69-22-SL	0.875	U,G	2.48							-0.0627	U,G	0.775				U,G	-0.0229	0.882
NB-69-34-SL	0.311	U	1.64							-0.254	U	0.679				U	0.0124	0.598
NB-70-05-SL	0.447	U,G	1.88							-0.248	U,G	0.711				U,G	0.0336	0.778
NB-70-15-SL	1.16	U,G	2.39							0.143	U,G	0.718				U,G	-0.384	0.71
NB-70-23-SL	1.16	U,G	2.09							-0.121	U,G	0.755				U,G	0.39	0.796
NB-70-33-SL	0.349	U,G	1.99							0.0827	U,G	0.698				U,G	0.139	0.764
NB-71-01-SL	-0.0329	U,G	3.17	1.7		0.0399	0.058	LT	0.021	0.184	U,G	0.737	0.838		0.0268	U,G	-0.268	0.718
NB-71-01-SL-FD	1.78	U,G	3.96	1.09		0.0232	0.063	LT	0.0095	0.209	U,G	0.901	0.879		0.0156	U,G	-0.211	0.696
NB-71-11-SL	0.762	U,G	1.83							0.115	U,G	0.855				U,G	-0.53	1.04
NB-71-27-SL	0.407	U,G	1.95							-0.00872	U,G	0.691				U,G	-0.0228	0.48
NB-72-05-SL	0.52	U,G	2.55							0.193	U,G	0.717				U,G	0.0759	0.543
NB-72-11-SL	0.616	U,G	2.05							-0.0366	U,G	0.822				U,G	0.191	0.587

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thorium-234 (G)			Uranium-234 (A)			Uranium-235 (A)			Uranium-235 (G)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Q	Result	MDL
NB-72-19-SL	0.346	U	1.74							-0.392	U	0.616				U	0.0667	0.627
NB-72-22-SL	0.444	U	1.19							0	U	0.691				U	0.131	0.461
NB-73-05-SL	0.558	U,G	1.49							0.426	U,G	0.753				U,G	0.157	0.691
NB-73-13-SL	0.55	U,G	1.61							0.364	U,G	0.55				U,G	-0.0214	0.594
NB-73-23-SL	0.516	U	1.66							0.109	U	0.684				U	-0.224	0.65
NB-74-05-SL	0.995	U,G	2.06							0.359	U,G	0.726				U,G	0.594	0.753
NB-74-17-SL	-0.458	U,G	3.16							-0.0767	U,G	0.799				U,G	-0.163	0.629
NB-74-25-SL	-0.127	U,G	2.86							0.0276	U,G	0.812				U,G	-0.579	0.828
NB-74-33-SL	-0.299	U,G	1.78							-0.0592	U,G	0.564				U,G	-0.111	0.485
NB-75-08-SL	1.32	U,G	2.7							-0.232	U,G	0.719				U,G	-0.324	0.595
NB-75-15-SL	0.685	U,G	2.45							-0.34	U,G	0.822				U,G	-0.784	0.882
NB-75-19-SL	0.753	U	1.79							0.0742	U	0.54				U	0.11	0.362
NB-76-06-SL	-0.551	U,G	2.34							-0.125	U,G	0.761				U,G	-0.0488	0.482
NB-76-10-SL	-0.278	U	1.74							0.125	U	0.486				U	-0.0802	0.485
NB-76-24-SL	-0.133	U	1.42							0.128	U	0.675				U	0.0961	0.404
NB-77-05-SL	0.0216	U,G	1.52							0.0368	U,G	0.617				U,G	0.0555	0.506
NB-77-13-SL	0.519	U	2.05							-0.0634	U	0.678				U	-0.211	0.625
NB-77-24-SL	0.431	U	1.92							0.0176	U	0.52				U	-0.223	0.556
NB-78-07-SL	0.824	U,G	2.4	0.736		0.0432	0.0446	LT	0.0243	0.234	U,G	0.856	0.689		0.0344	U,G	0.0561	0.788
NB-78-11-SL	-0.0654	U,G	1.58							0.0865	U,G	0.619				U,G	0.206	0.528
NB-78-18-SL	1.57	U,G	2.37							0.228	U,G	0.641				U,G	-0.104	0.658
NB-79-05-SL	-0.352	U,G	1.75							0.238	U,G	0.761				U,G	0.132	0.696
NB-79-05-SL-FD	0.637	U,G	2.56							0.25	U,G	0.56				U,G	-0.249	0.659
NB-79-11-SL	0.688	U,G	2.11							0.238	U,G	0.774				U,G	-0.248	0.766
NB-79-24-SL	0.793	U	2.08							0.199	U	0.557				U	0.0269	0.506
NB-80-05-SL	0.416	U,G	2.01							-0.141	U,G	0.905				U,G	-0.451	0.806
NB-80-11-SL	-0.197	U,G	1.37							-0.0166	U,G	0.682				U,G	0.336	0.744
NB-80-27-SL	0.0142	U,G	2.74							0.367	U,G	0.62				U,G	-0.0374	0.679
NB-81-09-SL	0.527	U,G	2.45	0.713		0.0175	0.0228	LT	0.0088	0.148	U,G	0.68	0.771		0.0175	U,G	-0.0684	0.604
NB-81-11-SL	-1.13	U,G	2.69							0.125	U,G	0.706				U,G	-0.403	0.833
NB-81-31-SL	0.265	U,G	1.62							0.00982	U,G	0.623				U,G	0.11	0.57
NB-82-05-SL	1.41	U,G	3.02							-0.114	U,G	0.967				U,G	-0.182	0.774
NB-82-11-SL	0.341	U	1.41							-0.45	U	0.633				U	-0.127	0.644
NB-82-20-SL	-0.243	U	1.85							0.116	U	0.582				U	-0.0818	0.513
NB-83-05-SL	1.3	U,G	2.43							0.146	U,G	0.951				U,G	-0.149	0.912
NB-83-11-SL	-0.089	U,G	2.19							-0.285	U,G	0.643				U,G	-0.359	0.62
NB-83-23-SL	0.828	U	2.01							0.108	U	0.505				U	-0.0543	0.452
NB-84-05-SL	1.69	U,G	2.63							0.285	U,G	0.974				U,G	0.06	0.842
NB-84-15-SL	-0.402	U,G	1.7							-0.465	U,G	0.754				U,G	-0.105	0.749
NB-84-23-SL	-0.0642	U,G	2.23							-0.232	U,G	0.669				U,G	-0.0168	0.42
NB-84-33-SL	0.639	U	1.92							-0.0484	U	0.594				U	0.095	0.475
NB-85-05-SL	0.552	U,G	2.96							0.341	U,G	0.875				U,G	-0.425	0.9
NB-85-15-SL	1.78	U,G	2.62							0.343	U,G	0.746				U,G	-0.0525	0.745

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thorium-234 (G)			Uranium-234 (A)			Uranium-235 (A)			Uranium-235 (G)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Q	Result	MDL
NB-85-25-SL	1.07	U,G	2.87							-0.0402	U,G	0.826				U,G	-0.295	0.802
NB-85-35-SL	-0.381	U	1.8							0.184	U	0.474				U	-0.157	0.493
NB-86-05-SL	1.22	U,G	2.55							0.674	U,G	0.861				U,G	0.411	0.687
NB-86-15-SL	0.678	U,G	2.71							-0.00956	U,G	0.84				U,G	-0.214	0.744
NB-86-19-SL	1.24	U,G	2.53							0.0694	U,G	0.623				U,G	0	0.522
OA-18-03-SL	0.942	U	2.14	0.747		0.0281	0.0233	LT	0.009	0.0943	U	0.639	0.787		0.0221	U	-0.419	0.725
OA-18-17-SL	2.05	U,G	2.53							0.319	U,G	0.611				U,G	-0.0552	0.895
OA-18-25-SL	0.653	U,G	1.88							-0.251	U,G	0.997				U,G	-0.13	0.791
OA-18-33-SL	1.9	U	2.02							0.0515	U	0.568				U	-0.235	0.586
OA-19-05-SL	0.859	U	1.77							0.305	U	0.828				U	-0.249	0.819
OA-19-15-SL	0.74	U,G	2							0.144	U,G	0.652				U,G	-0.284	0.654
OA-19-25-SL	1.64	U,G	2.09							0.085	U,G	0.857				U,G	0.137	0.604
OA-19-33-SL	0.0993	U	1.99							0.199	U	0.499				U	0.0277	0.482
PL-04-05-SL	1.71	U,G	3.39	4.44		0.0362	0.25		0.0288	0.29	U,G	0.898	1.21		0.0311	U,G	-0.22	0.791
PL-04-13-SL	1.1	U,G	2.07							-0.146	U,G	0.882				U,G	-0.14	0.885
PL-04-23-SL	1.04	U	2.99							0.643	U	0.691				U	-0.353	0.738
PL-04-31-SL	0.756	U,G	2.08							0.15	U,G	0.688				U,G	-0.393	0.695
PL-05-05-SL	-0.0835	U,G	2.85	1.08		0.0277	0.111		0.0246	-0.179	U,G	0.771	0.899		0.0154	U,G	-0.0572	0.529
PL-05-15-SL	-0.178	U	2.95							0.0516	U	0.847				U	-0.157	0.645
PL-05-28-SL	-0.29	U,G	2.73							0.421	U,G	0.585				U,G	-0.506	0.781
PL-06-07-SL	-0.461	U,G	2.77							-0.0265	U,G	0.662				U,G	0.0347	0.612
PL-06-13-SL	-1.09	U,G	2.67							0.317	U,G	0.717				U,G	-0.438	0.771
PL-06-17-SL	1.05	U,G	2.57							-0.0407	U,G	0.762				U,G	-0.0721	0.644
PL-06-29-SL	-0.266	U	1.52							0.0493	U	0.592				U	0.0734	0.533
PL-06-33-SL	-0.463	U	2.37							-0.0483	U	0.671				U	-0.138	0.508
RR-04-07-SL	0.348	U,G	2.15	0.751		0.0216	0.0561	LT	0.0188	-0.0326	U,G	1.04	0.76		0.0216	U,G	-0.00465	0.897
RR-04-15-SL	0.263	U,G	2.78							0.113	U,G	0.689				U,G	-0.0299	0.554
RR-04-25-SL	1.35	U,G	1.77							0.19	U,G	0.881				U,G	-0.0362	0.763
RR-05-05-SL	1.07	U,G	3.6	2.8		0.0194	0.157		0.0229	0.571	U,G	0.874	1.28		0.0194	U,G	-0.176	0.723
RR-05-05-SL-FD	1.03	U,G	2.7	3.06		0.025	0.165		0.0294	0.451	U,G	0.917	1.28		0.0202	U,G	-0.194	0.879
RR-05-15-SL	-0.382	U,G	2.95							0.167	U,G	0.686				U,G	-0.221	0.639
RR-05-25-SL	0.333	U,G	3.14							0.151	U,G	0.912				U,G	0	0.715
SW-02-01-SL	22.5	G	4.79	240		0.0828	12.8		0.0606	8.64	G	1.18	20.1		0.0579	U,G	-0.448	0.785
SW-02-09-SL	2.06	U,G	3.2							-0.0388	U,G	0.728				U,G	0.0305	0.509
SW-02-15-SL	2.55	U,G	3.42							0.49	U,G	0.875				U,G	-0.23	0.815
SW-02-23-SL	-0.394	U,G	2.66							0.371	U,G	0.609				U,G	-0.151	0.606
SW-05-08-SL	1.59	U,G	2.63							0.144	U,G	0.764				U,G	-0.128	0.868
SW-05-12-SL	-0.161	U,G	2.71							0.335	U,G	0.637				U,G	-0.131	0.595
SW-06-05-SL	1.14	U,G	2.11							0.532	U,G	0.695				U,G	-0.33	0.695
SW-06-05-SL-FD	0.334	U,G	2.49							0.0182	U,G	0.663				U,G	-0.164	0.701
SW-06-13-SL	1.25	U,G	1.77							0.493	U,G	0.786				U,G	0.125	0.892
SW-06-23-SL	2.95	G,TI	2.03							-0.0151	U,G	0.728				U,G	-0.176	0.859
SW-07-05-SL	1.36	U,G	2.88	0.87		0.0216	0.0414	LT	0.0171	-0.165	U,G	0.741	0.829		0.0075	U,G	0	0.648

Table H.11 Radionuclides in Subsurface Soil (pCi/g)

Sample ID	Thorium-234 (G)			Uranium-234 (A)			Uranium-235 (A)			Uranium-235 (G)			Uranium-238 (A)			Zinc-65		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Q	Result	MDL
SW-07-15-SL	1.87	U,G	2.52							0.198	U,G	0.855				U,G	0.0476	0.881
SW-07-23-SL	0.491	U,G	2.11							-0.151	U,G	0.821				U,G	-0.00378	0.686
SW-08-03-SL	0.605	U,G	1.85							-0.422	U,G	0.979				U,G	-0.319	0.923
SW-08-05-SL	0.944	U,G	2.84							0.111	U,G	0.889				U,G	-0.364	0.891
SW-08-15-SL	0.377	U,G	2.24							-0.0335	U,G	0.943				U,G	-0.0431	0.847
SW-08-25-SL	-0.518	U	2.1							-0.0476	U	0.539				U	-0.126	0.443