	RST 3 Sample No.		NFB-A01-S005-0006-01					NFB-A01-S0
	Sample Depth (inches)		0-6					6-12
	Sample Matrix		Soil/Slag/Rock					Soil/Slag/R
	Sample Date		5/8/2017					5/8/2017
	Data Type		Laboratory Analysis			HPGe Screening		s
	Sample Result		Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)
Radioisotope	**Analytical Method**	**[1]EPA SSAL**						
Bismuth-212 (Bi-212)	EPA 901.1	6,330,000				28.972	0.878	
Cesium-137 (Cs-137)	EPA 901.1	11				NA	NA	
Lead-212 (Pb-212)	EPA 901.1	661,000				23.29	0.511	
Potassium-40 (K-40)	EPA 901.1	25.9				9.413	0.496	
Radium-226* (Ra-226)	EPA 901.1	2.48				26.059	1.52	
Radium-228 (Ra-228)	EPA 901.1	15.9				NA	NA	
Actinium-228 (Ac-228)	EPA 901.1	NA				27.673	0.316	
Thallium-208 (Tl-208)	EPA 901.1	2,430,000				8.931	0.207	
Thorium-234 (Th-234)	EPA 901.1	47,900				30.089	1.724	
Uranium-235 (U-235)	EPA 901.1	39.2				NA	NA	
Protactinium 234m (Pa-234m)	EPA 901.1					NA	NA	
Thorium-228 (Th-228)	HSL-300	14,100				NA	NA	
Thorium-230 (Th-230)	HSL-300	2,090				NA	NA	
Thorium-232 (Th-232)	HSL-300	2,020				NA	NA	
Uranium-233/234 (U-233/234)	HSL-300	3,330				NA	NA	

Uranium-235/236 (U-235/236)	HSL-300	39.2				NA	NA	
Uranium-238 (U-238)	HSL-300	3,720				NA	NA	

NFB-A01-S005-0612-01				NFB-A01-S005-1218-01					NFB-A02-S001-0006	
6-12				12-18					0-6	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/8/2017				5/8/2017					5/9/2017	
Laboratory Analysis		**HPGe Screening**		**Laboratory Analysis**			**HPGe Screening**		**Analysis**	
Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		1.603	0.200				0.794	0.133		
		NA	NA				NA	NA		
		1.553	0.059				0.641	0.028		
		8.084	0.361				9.114	0.371		
		5.609	0.473				1.311	0.218		
		NA	NA				NA	NA		
		1.816	0.053				0.683	0.033		
		0.561	0.026				0.211	0.015		
		4.208	0.336				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

		NA	NA				NA	NA		
		NA	NA				NA	NA		

NFB-A02-S001-0006-01				NFB-A02-S001-0612-01					NFB-A02-S001-1218	
0-6				6-12					12-18	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/9/2017				5/9/2017					5/9/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		129.313	2.619				3.017	0.265		
		NA	NA				NA	NA		
		49.454	1.351				1.505	0.065		
		NA	NA				3.433	0.261		
		67.568	3.209				6.945	0.593		
		NA	NA				NA	NA		
		122.712	1.191				2.321	0.067		
		41.410	0.800				0.698	0.032		
		50.227	2.837				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A02-S001-1218-01				NFB-A02-S001-1218-02 (DUP)					NFB-A02-S001-1824	
12-18				12-18					18-24	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/9/2017				5/9/2017					5/9/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.585	0.106				0.444	0.092		
		NA	NA				NA	NA		
		0.484	0.023				0.420	0.021		
		4.777	0.232				5.388	0.260		
		1.456	0.271				1.223	0.257		
		NA	NA				NA	NA		
		0.501	0.026				NA	NA		
		0.160	0.013				0.112	0.011		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A02-S001-1824-01				NFB-A02-S001-2430-01					NFB-A02-S004-0006	
18-24				24-30					0-6	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/9/2017				5/9/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.548	0.094				0.317	0.112		
		NA	NA				NA	NA		
		0.453	0.022				0.429	0.021		
		8.405	0.346				7.883	0.347		
		1.251	0.227				0.941	0.272		
		NA	NA				NA	NA		
		0.459	0.026				NA	NA		
		0.142	0.011				0.117	0.012		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A02-S004-0006-01				NFB-A02-S004-0612-01					NFB-A02-S004-1218	
0-6				6-12					12-18	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.793	0.125				1.091	0.143		
		NA	NA				NA	NA		
		0.667	0.029				0.831	0.032		
		7.906	0.332				13.169	0.474		
		1.564	0.246				1.603	0.320		
		NA	NA				NA	NA		
		0.656	0.030				0.840	0.034		
		0.2.34	0.015				0.266	0.017		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A02-S004-1218-01				NFB-A02-S004-1824-01					NFB-A02-S003-0006	
12-18				18-24					0-6	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/9/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.710	0.118				0.626	0.126		
		NA	NA				NA	NA		
		0.583	0.025				0.586	0.126		
		10.884	0.410				11.729	0.427		
		1.059	0.200				0.737	0.249		
		NA	NA				NA	NA		
		0.617	0.030				0.578	0.028		
		0.203	0.013				0.182	0.013		
		0.491	0.127				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A02-S003-0006-01				NFB-A02-S003-0612-01					NFB-A02-S003-1218	
0-6				6-12					12-18	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/9/2017				5/9/2017					5/9/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		336.594	5.787				146.05	2.831		
		NA	NA				NA	NA		
		120.161	3.249				70.051	1.626		
		NA	NA				NA	NA		
		166.915	6.776				71.923	3.913		
		NA	NA				NA	NA		
		331.726	2.96				141.033	1.312		
		107.734	1.79				48.052	0.870		
		69.45	4.123				38.645	2.714		
		NA	NA				NA	NA		
		82.849	9.318				42.968	5.758		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A02-S003-1218-01				NFB-A02-S003-1824-01					NFB-A02-S003-2430	
12-18				18-24					24-30	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/9/2017				5/9/2017					5/9/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.549	0.094				0.879	0.148		
		NA	NA				NA	NA		
		0.355	0.017				0.810	0.032		
		8.91	0.348				6.489	0.295		
		1.003	0.176				1.2	0.264		
		NA	NA				NA	NA		
		NA	NA				0.750	0.032		
		0.123	0.004				0.250	0.015		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A02-S003-2430-01				NFB-A02-S002-0006-01					NFB-A02-S002-0612	
24-30				0-6					6-12	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/9/2017				5/9/2017					5/9/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.844	0.142				11.869	0.489		
		NA	NA				NA	NA		
		0.941	0.034				4.843	0.156		
		17.15	0.593				2.982	0.269		
		1.413	0.245				4.657	0.706		
		NA	NA				NA	NA		
		1.038	0.038				10.865	0.146		
		0.317	0.019				3.735	0.102		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A02-S002-0612-01				NFB-A02-S002-1218-01					NFB-A02-S002-1824	
6-12				12-18					18-24	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/9/2017				5/9/2017					5/9/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.603	0.136				0.595	0.131		
		NA	NA				NA	NA		
		0.587	0.028				0.650	0.030		
		3.871	0.218				4.145	0.226		
		2.653	0.268				3.003	0.386		
		NA	NA				NA	NA		
		0.657	0.035				0.700	0.035		
		0.197	0.016				0.190	0.015		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A02-S002-1824-01				NFB-A07-S002-0006-01					NFB-A07-S002-0612	
18-24				0-6					6-12	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/9/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.704	0.158				218.156	3.962		
		NA	NA				NA	NA		
		0.914	0.035				63.797	1.82		
		19.493	0.663				NA	NA		
		1.486	0.315				90.667	5.004		
		NA	NA				NA	NA		
		0.866	0.037				203.754	1.856		
		0.295	0.018				67.601	1.168		
		NA	NA				37.037	3.107		
		NA	NA				NA	NA		
		NA	NA				56.729	6.774		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A07-S002-0612-01				NFB-A07-S002-1218-01					NFB-A07-S002-1824	
6-12				12-18					18-24	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.946	0.194				0.614	0.145		
		NA	NA				NA	NA		
		0.904	0.040				0.622	0.030		
		6.67	0.315				5.566	0.274		
		9.113	0.625				4.966	0.455		
		NA	NA				NA	NA		
		1.028	0.042				0.696	0.037		
		0.288	0.021				0.183	0.014		
		4.644	0.345				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A07-S002-1824-01				NFB-A07-S002-2430-01					NFB-A07-S002-3036	
18-24				24-30					30-36	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		NA	NA				0.584	0.144		
		NA	NA				NA	NA		
		0.342	0.021				0.525	0.029		
		2.347	0.189				5.739	0.302		
		5.295	0.397				6.703	0.458		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		0.102	0.013				0.174	0.015		
		2.38	0.391				3.729	0.303		
		NA	NA				NA	NA		
		NA	NA				4.376	1.024		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A07-S002-3036-01				NFB-A07-S001-0006-01					NFB-A07-S001-0612	
30-36				0-6					6-12	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.359	0.082				0.259	0.092		
		NA	NA				NA	NA		
		0.230	0.015				0.239	0.092		
		1.777	0.145				4.892	0.256		
		0.757	0.163				0.773	0.232		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		0.064	0.009				0.071	0.001		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A07-S001-0612-01				NFB-A07-S001-1218-01					NFB-A07-S001-1824	
6-12				12-18					18-24	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		NA	NA				0.083	0.057		
		NA	NA				NA	NA		
		0.471	0.030				0.085	0.001		
		2.501	0.241				1.615	0.124		
		1.612	0.798				0.466	0.180		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		0.114	0.018				NA	NA		
		9.315	0.567				NA	NA		
		NA	NA				NA	NA		
		11.386	2.058				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A07-S001-1824-01				NFB-A07-S001-2430-01					NFB-A03-S001-0006	
18-24				24-30					0-6	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/11/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		NA	NA				0.209	0.092		
		NA	NA				NA	NA		
		0.226	0.023				0.159	0.015		
		2.182	0.224				2.517	0.173		
		16.098	0.790				6.513	0.414		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		0.055	0.015				0.044	0.012		
		8.802	0.521				NA	NA		
		NA	NA				NA	NA		
		10.007	2.073				1.749	0.897		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A03-S001-0006-01				NFB-A03-S001-0006-02 (DUP)					NFB-A03-S001-0612	
0-6				0-6					6-12	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/11/2017				5/11/2017					5/11/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		192.714	3.506				286..904	5.082		
		NA	NA				NA	NA		
		75.72	1.943				128..722	2.954		
		NA	NA				NA	NA		
		107.236	4.297				125.689	5.877		
		NA	NA				NA	NA		
		186.078	1.678				281.751	2.531		
		62.75	1.071				94.379	1.684		
		50.207	3.047				116.67	9.159		
		NA	NA				NA	NA		
		59.174	7.017				80.691	7.68		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A03-S001-0612-01				NFB-A03-S002-0006-01					NFB-A03-S002-0612	
6-12				0-6					6-12	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/11/2017				5/11/2017					5/11/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		1.35	0.171				85.583	1.807		
		NA	NA				NA	NA		
		1.227	0.047				41.36	1.102		
		10.926	0.428				NA	NA		
		5.422	0.484				81.144	3.829		
		NA	NA				NA	NA		
		1.397	0.045				80.076	0.807		
		0.413	0.020				26.925	0.546		
		3.438	0.285				67.245	3.927		
		NA	NA				NA	NA		
		NA	NA				61.038	6.413		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A03-S002-0612-01				NFB-A03-S003-0006-01					NFB-A03-S003-0612	
6-12				0-6					6-12	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/11/2017				5/11/2017					5/11/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		207.981	2.31				0.584	0.085		
		NA	NA				0.015	0.006		
		106.837	2.395				0.411	0.020		
		NA	NA				0.538	0.084		
		104.648	4.91				0.521	0.128		
		NA	NA				NA	NA		
		187.045	1.716				0.453	0.021		
		69.041	1.167				0.144	0.010		
		57.891	3.503				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A03-S003-0612-01				NFB-A03-S003-1218-01					NFB-A04-S002-0006	
6-12				12-18					0-6	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/11/2017				5/11/2017					5/11/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.089	0.070				0.595	0.163		
		NA	NA				NA	NA		
		0.198	0.14				0.649	0.030		
		1.515	0.124				3.483	0.222		
		1.554	0.234				1.901	0.332		
		NA	NA				NA	NA		
		NA	NA				0.697	0.033		
		0.045	0.008				0.208	0.014		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A04-S002-0006-01				NFB-A04-S002-0612-01					NFB-A04-S002-1218	
0-6				6-12					12-18	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/11/2017				5/11/2017					5/11/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		NA	NA				0.831	0.128		
		NA	NA				NA	NA		
		0.183	0.013				0.842	0.035		
		1.527	0.130				6.757	0.035		
		0.590	0.155				1.785	0.290		
		NA	NA				NA	NA		
		NA	NA				0.834	0.037		
		0.047	0.008				0.264	0.018		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A04-S002-1218-01				NFB-A01-S001-0006-01					NFB-A01-S001-0006-02	
12-18				0-6					0-6	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/11/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.643	0.131				486.364	8.103		
		NA	NA				NA	NA		
		0.633	0.028				156.814	4.379		
		6.276	0.301				NA	NA		
		1.967	0.300				214.534	8.548		
		NA	NA				NA	NA		
		0.733	0.034				404.687	3.623		
		0.212	0.015				151.343	2.513		
		NA	NA				72.743	4.913		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A01-S001-0006-02 (DUP)				NFB-A01-S001-0612-01					NFB-A01-S002-0006	
0-6				6-12					0-6	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		200.308	3.735				1.211	0.161		
		NA	NA				0.024	0.009		
		75.231	2.087				1.048	0.039		
		NA	NA				9.307	0.369		
		113.228	4.753				1.938	0.268		
		NA	NA				NA	NA		
		188.244	1.718				1.231	0.039		
		64.176	1.097				0.358	0.019		
		90.128	6.394				1.246	0.158		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A01-S002-0006-01				NFB-A01-S002-0612-01					NFB-A01-S002-1218	
0-6				6-12					12-18	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		328.558	5.809				4.209	0.287		
		NA	NA				0.030	0.011		
		113.834	3.136				3.673	0.101		
		NA	NA				14.869	0.538		
		162.718	6.419				4.946	0.430		
		NA	NA				NA	NA		
		317.883	2.819				4.139	0.080		
		104.361	1.734				1.364	0.049		
		57.562	3.895				NA	NA		
		NA	NA				NA	NA		
		125.059	5.541				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A01-S002-1218-01				NFB-A01-S004-0006-01					NFB-A01-S004-0612	
12-18				0-6					6-12	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		1.938	0.183				NA	NA		
		NA	NA				NA	NA		
		1.51	0.052				0.091	0.001		
		13.539	0.493				1.453	0.133		
		1.8	0.364				0.502	0.127		
		NA	NA				NA	NA		
		1.93	0.051				NA	NA		
		0.592	0.026				0.018	0.007		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A01-S004-0612-01				NFB-A01-S004-1218-01					NFB-A01-S003-0006	
6-12				12-18					0-6	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.414	0.087				0.438	0.110		
		NA	NA				NA	NA		
		0.372	0.018				0.539	0.024		
		8.104	0.329				8.422	0.342		
		0.668	0.216				1.087	0.252		
		NA	NA				NA	NA		
		0.402	0.026				0.521	0.028		
		0.117	0.011				0.158	0.012		
		0.495	0.167				0.716	0.273		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A01-S003-0006-01				NFB-A01-S003-0612-01					NFB-A01-S003-1218	
0-6				6-12					12-18	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		19.094	0.623				190.135	3.486		
		NA	NA				NA	NA		
		11.093	0.411				90.574	2.168		
		5.084	0.387				NA	NA		
		48.532	1.899				106.945	4.413		
		NA	NA				NA	NA		
		18.866	0.233				180.931	1.636		
		6.107	0.163				64.171	1.089		
		23.795	1.185				55.963	3.183		
		NA	NA				NA	NA		
		34.699	3.628				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A01-S003-1218-01				NFB-A01-S003-1824-01					NFB-A01-S003-2430	
12-18				18-24					24-30	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		365.353	6.263				373.074	6.447		
		NA	NA				NA	NA		
		139.337	3.483				134.13	3.436		
		NA	NA				NA	NA		
		153.912	6.783				153.162	6.524		
		NA	NA				NA	NA		
		356.289	3.141				351.171	3.114		
		120.386	1.986				120.062	1.986		
		72.744	4.369				77.287	4.85		
		NA	NA				NA	NA		
		106.756	9.316				114.104	5.713		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A01-S003-2430-01				NFB-A01-S003-3036-01					NFB-A01-S003-3642	
24-30				30-36					36-42	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/10/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		7.022	0.341							
		0.036	0.009							
		7.022	0.153							
		6.401	0.324							
		6.198	0.594							
		NA	NA							
		7.163	0.110							
		2.417	0.068							
		9.044	0.582							
		NA	NA							
		NA	NA							
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A01-S003-3642-01				NFB-A01-S003-4248-01					NFB-A04-S001-0006	
36-42				42-48					0-6	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/10/2017				5/10/2017					5/11/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.441	0.112				0.706	0.134		
		NA	NA				NA	NA		
		0.388	0.022				0.579	0.027		
		7.025	0.310				12.87	0.469		
		2.881	0.309				1.355	0.231		
		NA	NA				NA	NA		
		0.475	0.031				0.638	0.030		
		0.168	0.014				0.184	0.014		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A04-S001-0006-01				NFB-A04-S001-0612-01					NFB-A04-S001-1218	
0-6				6-12					12-18	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/11/2017				5/11/2017					5/11/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.225	0.069				0.367	0.083		
		NA	NA				NA	NA		
		0.141	0.015				0.234	0.014		
		3.227	0.186				3.663	0.189		
		0.436	0.192				0.812	0.189		
		NA	NA				NA	NA		
		NA	NA				0.284	0.019		
		0.056	0.008				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A04-S001-1218-01				NFB-A04-S001-1824-01					NFB-A04-S001-2430	
12-18				18-24					24-30	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/11/2017				5/11/2017					5/11/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.566	0.119				0.543	0.107		
		0.042	0.009				0.059	0.008		
		0.457	0.021				0.505	0.023		
		9.837	0.369				8.956	0.351		
		0.886	0.201				1.141	0.217		
		NA	NA				NA	NA		
		0.468	0.025				NA	NA		
		0.167	0.012				0.170	0.013		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A04-S001-2430-01				NFB-A04-S001-3036-01					NFB-A04-S001-3642	
24-30				30-36					36-42	
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock	
5/11/2017				5/11/2017					5/11/2017	
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
		0.478	0.105				0.511	0.097		
		0.047	0.008				NA	NA		
		0.474	0.022				0.352	0.018		
		9.649	0.372				5.544	0.245		
		1.391	0.178				1.498	0.207		
		NA	NA				NA	NA		
		0.472	0.030				0.414	0.026		
		0.161	0.012				0.116	0.010		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		
		NA	NA				NA	NA		

	NA	NA				NA	NA		
	NA	NA				NA	NA		

NFB-A04-S001-3642-01				NFB-A04-S001-4248-01					NFB-A04-S002-0006-01		
36-42				42-48					0-6		
Soil/Slag/Rock				Soil/Slag/Rock					Soil/Slag/Rock		
5/11/2017				5/11/2017					5/11/2017		
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening		Laboratory Analysis		
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty
		NA	NA				0.359	0.084			
		NA	NA				NA	NA			
		0.194	0.018				0.311	0.016			
		5.647	0.260				5.949	0.253			
		0.616	0.211				0.760	0.157			
		NA	NA				NA	NA			
		NA	NA				0.372	0.022			
		0.071	0.009				0.105	0.009			
		NA	NA				0.525	0.167			
		NA	NA				NA	NA			
		NA	NA				NA	NA			
		NA	NA				NA	NA			
		NA	NA				NA	NA			
		NA	NA				NA	NA			
		NA	NA				NA	NA			

	NA	NA				NA	NA			
	NA	NA				NA	NA			

04-S002-0006-01		NFB-A04-S002-0612-01					NFB-A04-S002-1218-01			
0-6		6-12					12-18			
il/Slag/Rock		Soil/Slag/Rock					Soil/Slag/Rock			
5/11/2017		5/11/2017					5/11/2017			
HPGe Screening		Laboratory Analysis			HPGe Screening		Laboratory Analysis			HPGe Screeni
HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
NA	NA				0.831	0.128				0.643
NA	NA				NA	NA				NA
0.183	0.013				0.842	0.035				0.633
1.527	0.130				6.757	0.035				6.276
0.590	0.155				1.785	0.290				1.967
NA	NA				NA	NA				NA
NA	NA				0.834	0.037				0.733
0.047	0.008				0.264	0.018				0.212
NA	NA				NA	NA				NA
NA	NA				NA	NA				NA
NA	NA				NA	NA				NA
NA	NA				NA	NA				NA
NA	NA				NA	NA				NA
NA	NA				NA	NA				NA
NA	NA				NA	NA				NA

NA	NA				NA	NA				NA
NA	NA				NA	NA				NA

218-01	NFB-A04-S003-0006-01					NFB-A04-S003-0612-01			
	0-6					6-12			
k	Soil/Slag/Rock					Soil/Slag/Rock			
	5/11/2017					5/11/2017			
HPGe Screening	Laboratory Analysis			HPGe Screening		Laboratory Analysis			HPGe Screeni
Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
0.131				NA	NA				1.03
NA				NA	NA				NA
0.028				0.133	0.011				0.646
0.301				2.334	0.155				3.95
0.300				0.436	0.135				1.688
NA				NA	NA				NA
0.034				NA	NA				0.866
0.015				0.031	0.007				0.263
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA

NA				NA	NA				NA
NA				NA	NA				NA

12-01	NFB-A04-S003-1218-01					NFB-A04-S003-1824-01			
	12-18					18-24			
	Soil/Slag/Rock					Soil/Slag/Rock			
	5/11/2017					5/11/2017			
HPGe Screening	**Laboratory Analysis**			**HPGe Screening**		**Laboratory Analysis**			**HPGe Screeni**
Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
0.137				NA	NA				0.467
NA				NA	NA				0.011
0.029				0.451	0.023				0.409
0.212				4.927	0.258				3.98
0.277				0.792	0.231				1.309
NA				NA	NA				NA
0.034				0.554	0.030				NA
0.020				0.162	0.014				0.145
NA				0.456	0.277				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA

NA				NA	NA				NA
NA				NA	NA				NA

24-01	NFB-A04-S003-2430-01					NFB-A04-S003-3036-01			
	24-30					30-36			
k	Soil/Slag/Rock					Soil/Slag/Rock			
	5/11/2017					5/11/2017			
HPGe Screening	Laboratory Analysis			HPGe Screening		Laboratory Analysis			HPGe Screeni
Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
0.115				0.792	0.156				0.261
0.006				NA	NA				0.024
0.022				0.723	0.032				0.230
0.223				5.284	0.281				4.594
0.259				1.737	0.247				0.344
NA				NA	NA				NA
NA				0.698	0.035				NA
0.012				0.221	0.016				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA

NA				NA	NA				NA
NA				NA	NA				NA

36-01	NFB-A04-S004-0006-01					NFB-A04-S004-0006-02 (DUP)			
	0-6					0-6			
k	Soil/Slag/Rock					Soil/Slag/Rock			
	5/11/2017					5/11/2017			
HPGe Screening	Laboratory Analysis			HPGe Screening		Laboratory Analysis			HPGe Screeni
Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
0.086				0.713	0.116				1.462
0.006				NA	NA				NA
0.015				0.673	0.027				1.082
0.233				5.416	0.256				5.947
0.172				1.081	0.235				1.287
NA				NA	NA				NA
NA				0.709	0.031				1.206
NA				0.225	0.015				0.380
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA

NA				NA	NA				NA
NA				NA	NA				NA

02 (DUP)		NFB-A04-S004-0612-01					NFB-A04-S004-1218-01			
		6-12					12-18			
k		Soil/Slag/Rock					Soil/Slag/Rock			
		5/11/2017					5/11/2017			
HPGe Screening		Laboratory Analysis			HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
	0.155				1.092	0.155				0.338
	NA				NA	NA				NA
	0.039				1.028	0.038				0.381
	0.269				10.502	0.408				5.816
	0.252				1.408	0.257				1.077
	NA				NA	NA				NA
	0.039				1.174	0.042				NA
	0.019				0.352	0.019				0.143
	NA				NA	NA				NA
	NA				NA	NA				NA
	NA				NA	NA				NA
	NA				NA	NA				NA
	NA				NA	NA				NA
	NA				NA	NA				NA
	NA				NA	NA				NA

NA				NA	NA				NA
NA				NA	NA				NA

18-01	NFB-A04-S004-1824-01					NFB-A04-S004-2430-01			
	18-24					24-30			
k	Soil/Slag/Rock					Soil/Slag/Rock			
	5/11/2017					5/11/2017			
HPGe Screening	**Laboratory Analysis**			**HPGe Screening**		**Laboratory Analysis**			**HPGe Screeni**
Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
0.086				1.588	0.175				0.687
NA				NA	NA				NA
0.019				1.181	0.044				0.677
0.255				12.694	0.469				12.623
0.251				1.894	0.364				1.276
NA				NA	NA				NA
NA				1.39	0.044				0.770
0.011				0.441	0.021				0.274
NA				NA	NA				0.833
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA

NA				NA	NA				NA
NA				NA	NA				NA

30-01	NFB-A04-S004-3036-01					NFB-A04-S004-3642-01			
	30-36					36-42			
k	Soil/Slag/Rock					Soil/Slag/Rock			
	5/11/2017					5/11/2017			
HPGe Screening	Laboratory Analysis			HPGe Screening		Laboratory Analysis			HPGe Screeni
Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
0.127				1.187	0.159				0.833
NA				NA	NA				NA
0.028				1.034	0.039				0.757
0.444				14.731	0.535				11.794
0.295				1.663	0.313				1.397
NA				NA	NA				NA
0.030				1.112	0.039				0.812
0.015				0.344	0.020				0.267
0.136				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA

NA				NA	NA				NA
NA				NA	NA				NA

42-01	NFB-A04-S004-4248-01					NFB-BKGD01-S001-0006-01			
	42-48					0-6			
k	Soil/Slag/Rock					Soil/Slag/Rock			
	5/11/2017					5/12/2017			
HPGe Screening	Laboratory Analysis			HPGe Screening		Laboratory Analysis			HPGe Screeni
Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
0.134				126.56	2.437				0.471
NA				NA	NA				0.131
0.029				44.022	1.106				0.499
0.434				NA	NA				8.714
0.265				44.683	2.588				0.955
NA				NA	NA				NA
0.033				117.594	1.123				0.514
0.016				40.841	0.775				0.169
NA				23.509	2.092				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA
NA				NA	NA				NA

NA				NA	NA				NA
NA				NA	NA				NA

0006-01	NFB-BKGD02-S002-0006-01					
	0-6					
k	Soil/Slag/Rock					
	5/12/2017					
HPGe Screening	Laboratory Analysis				HPGe Screening	
Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty		HPGe Value (pCi/g)	Total Uncertainty
0.130					0.676	0.123
0.012					0.153	0.014
0.024					0.480	0.023
0.367					8.428	0.360
0.181					0.937	0.208
NA					NA	NA
0.033					0.413	0.026
0.013					0.147	0.012
NA					NA	NA
NA					NA	NA
NA					NA	NA
NA					NA	NA
NA					NA	NA
NA					NA	NA
NA					NA	NA

NA				NA	NA
NA				NA	NA

	RST 3 Sample No.		**NFB-A01-S001-0006-01**		
	Sample Depth (inches)		0-6		
	Sample Matrix		Soil/Slag/Rock		
	Sample Date		5/10/2017		
	Data Type		**Laboratory Analysis**		
	Sample Result		Value (pCi/g)	Qualifier	Total Uncertainty
Radioisotope	**Analytical Method**	**[1]EPA SSAL**			
Bismuth-212 (Bi-212)	EPA 901.1	6,330,000			
Cesium-137 (Cs-137)	EPA 901.1	11			
Lead-212 (Pb-212)	EPA 901.1	661,000			
Potassium-40 (K-40)	EPA 901.1	25.9			
Radium-226* (Ra-226)	EPA 901.1	2.48			
Radium-228 (Ra-228)	EPA 901.1	15.9			
Actinium-228 (Ac-228)	EPA 901.1	NA			
Thallium-208 (Tl-208)	EPA 901.1	2,430,000			
Thorium-234 (Th-234)	EPA 901.1	47,900			
Uranium-235 (U-235)	EPA 901.1	39.2			
Protactinium 234m (Pa-234m)	EPA 901.1				
Thorium-228 (Th-228)	HSL-300	14,100			
Thorium-230 (Th-230)	HSL-300	2,090			
Thorium-232 (Th-232)	HSL-300	2,020			
Uranium-233/234 (U-233/234)	HSL-300	3,330			
Uranium-235/236 (U-235/236)	HSL-300	39.2			
Uranium-238 (U-238)	HSL-300	3,720			

A01-S001-0006-01		NFB-A01-S001-0006-02 (DUP)					NFB-A01
0-6		0-6					6-12
Soil/Slag/Rock		Soil/Slag/Rock					Soil/Slag/
5/10/2017		5/10/2017					5/10/201
HPGe Screening		Laboratory Analysis			HPGe Screening		s
HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)
486.364	8.103				200.308	3.735	
NA	NA				NA	NA	
156.814	4.379				75.231	2.087	
NA	NA				NA	NA	
214.534	8.548				113.228	4.753	
NA	NA				NA	NA	
404.687	3.623				188.244	1.718	
151.343	2.513				64.176	1.097	
72.743	4.913				90.128	6.394	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	

NFB-A01-S001-0612-01				NFB-A01-S002-0006-01			
6-12				0-6			
Soil/Slag/Rock				Soil/Slag/Rock			
5/10/2017				5/10/2017			
Laboratory Analysis		**HPGe Screening**		**Laboratory Analysis**			**HPGe Screeni**
Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		1.211	0.161				328.558
		0.024	0.009				NA
		1.048	0.039				113.834
		9.307	0.369				NA
		1.938	0.268				162.718
		NA	NA				NA
		1.231	0.039				317.883
		0.358	0.019				104.361
		1.246	0.158				57.562
		NA	NA				NA
		NA	NA				125.059
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

-01		NFB-A01-S002-0612-01					NFB-A01-S002-1218	
		6-12					12-18	
		Soil/Slag/Rock					Soil/Slag/Rock	
		5/10/2017					5/10/2017	
HPGe Screening		**Laboratory Analysis**			**HPGe Screening**		**Analysis**	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	5.809				4.209	0.287		
	NA				0.030	0.011		
	3.136				3.673	0.101		
	NA				14.869	0.538		
	6.419				4.946	0.430		
	NA				NA	NA		
	2.819				4.139	0.080		
	1.734				1.364	0.049		
	3.895				NA	NA		
	NA				NA	NA		
	5.541				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A01-S002-1218-01				NFB-A01-S003-0006-01			
12-18				0-6			
Soil/Slag/Rock				Soil/Slag/Rock			
5/10/2017				5/10/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screen
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		1.938	0.183				19.094
		NA	NA				NA
		1.51	0.052				11.093
		13.539	0.493				5.084
		1.8	0.364				48.532
		NA	NA				NA
		1.93	0.051				18.866
		0.592	0.026				6.107
		NA	NA				23.795
		NA	NA				NA
		NA	NA				34.699
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

06-01	NFB-A01-S003-0612-01					NFB-A01-S003-1218	
	6-12					12-18	
k	Soil/Slag/Rock					Soil/Slag/Rock	
	5/10/2017					5/10/2017	
HPGe Screening	**Laboratory Analysis**			**HPGe Screening**		**Analysis**	
Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
0.623				190.135	3.486		
NA				NA	NA		
0.411				90.574	2.168		
0.387				NA	NA		
1.899				106.945	4.413		
NA				NA	NA		
0.233				180.931	1.636		
0.163				64.171	1.089		
1.185				55.963	3.183		
NA				NA	NA		
3.628				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		

NFB-A01-S003-1218-01				NFB-A01-S003-1824-01			
12-18				18-24			
Soil/Slag/Rock				Soil/Slag/Rock			
5/10/2017				5/10/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		365.353	6.263				373.074
		NA	NA				NA
		139.337	3.483				134.13
		NA	NA				NA
		153.912	6.783				153.162
		NA	NA				NA
		356.289	3.141				351.171
		120.386	1.986				120.062
		72.744	4.369				77.287
		NA	NA				NA
		106.756	9.316				114.104
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

24-01	NFB-A01-S003-2430-01					NFB-A01-S003-3036	
	24-30					30-36	
k	Soil/Slag/Rock					Soil/Slag/Rock	
	5/10/2017					5/10/2017	
HPGe Screening	**Laboratory Analysis**			**HPGe Screening**		**Analysis**	
Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
6.447				7.022	0.341		
NA				0.036	0.009		
3.436				7.022	0.153		
NA				6.401	0.324		
6.524				6.198	0.594		
NA				NA	NA		
3.114				7.163	0.110		
1.986				2.417	0.068		
4.85				9.044	0.582		
NA				NA	NA		
5.713				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		

NFB-A01-S003-3036-01				NFB-A01-S003-3642-01			
30-36				36-42			
Soil/Slag/Rock				Soil/Slag/Rock			
5/10/2017				5/10/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		0.399	0.118				0.441
		NA	NA				NA
		0.380	0.023				0.388
		3.823	0.218				7.025
		4.371	0.461				2.881
		NA	NA				NA
		0.473	0.030				0.475
		0.136	0.015				0.168
		1.784	0.208				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

42-01		NFB-A01-S003-4248-01					NFB-A01-S004-0006	
		42-48					0-6	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/10/2017					5/10/2017	
HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	0.112				0.706	0.134		
	NA				NA	NA		
	0.022				0.579	0.027		
	0.310				12.87	0.469		
	0.309				1.355	0.231		
	NA				NA	NA		
	0.031				0.638	0.030		
	0.014				0.184	0.014		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A01-S004-0006-01				NFB-A01-S004-0612-01			
0-6				6-12			
Soil/Slag/Rock				Soil/Slag/Rock			
5/10/2017				5/10/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		NA	NA				0.414
		NA	NA				NA
		0.091	0.001				0.372
		1.453	0.133				8.104
		0.502	0.127				0.668
		NA	NA				NA
		NA	NA				0.402
		0.018	0.007				0.117
		NA	NA				0.495
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

12-01		NFB-A01-S004-1218-01					NFB-A01-S005-0006	
		12-18					0-6	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/10/2017					5/8/2017	
HPGe Screening		**Laboratory Analysis**			**HPGe Screening**		**Analysis**	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	0.087				0.438	0.110		
	NA				NA	NA		
	0.018				0.539	0.024		
	0.329				8.422	0.342		
	0.216				1.087	0.252		
	NA				NA	NA		
	0.026				0.521	0.028		
	0.011				0.158	0.012		
	0.167				0.716	0.273		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A01-S005-0006-01				NFB-A01-S005-0612-01			
0-6				6-12			
Soil/Slag/Rock				Soil/Slag/Rock			
5/8/2017				5/8/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		28.972	0.878				1.603
		NA	NA				NA
		23.29	0.511				1.553
		9.413	0.496				8.084
		26.059	1.52				5.609
		NA	NA				NA
		27.673	0.316				1.816
		8.931	0.207				0.561
		30.089	1.724				4.208
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

12-01		NFB-A01-S005-1218-01				
		12-18				
k		Soil/Slag/Rock				
		5/8/2017				
HPGe Screening		Laboratory Analysis			HPGe Screening	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty
	0.200				0.794	0.133
	NA				NA	NA
	0.059				0.641	0.028
	0.361				9.114	0.371
	0.473				1.311	0.218
	NA				NA	NA
	0.053				0.683	0.033
	0.026				0.211	0.015
	0.336				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA

	RST 3 Sample No.		**NFB-A02-S001-0006-01**		
	Sample Depth (inches)		0-6		
	Sample Matrix		Soil/Slag/Rock		
	Sample Date		5/9/2017		
	Data Type		**Laboratory Analysis**		
	Sample Result		Value (pCi/g)	Qualifier	Total Uncertainty
Radioisotope	**Analytical Method**	**[1]EPA SSAL**			
Bismuth-212 (Bi-212)	EPA 901.1	6,330,000			
Cesium-137 (Cs-137)	EPA 901.1	11			
Lead-212 (Pb-212)	EPA 901.1	661,000			
Potassium-40 (K-40)	EPA 901.1	25.9			
Radium-226* (Ra-226)	EPA 901.1	2.48			
Radium-228 (Ra-228)	EPA 901.1	15.9			
Actinium-228 (Ac-228)	EPA 901.1	NA			
Thallium-208 (Tl-208)	EPA 901.1	2,430,000			
Thorium-234 (Th-234)	EPA 901.1	47,900			
Uranium-235 (U-235)	EPA 901.1	39.2			
Protactinium 234m (Pa-234m)	EPA 901.1				
Thorium-228 (Th-228)	HSL-300	14,100			
Thorium-230 (Th-230)	HSL-300	2,090			
Thorium-232 (Th-232)	HSL-300	2,020			
Uranium-233/234 (U-233/234)	HSL-300	3,330			
Uranium-235/236 (U-235/236)	HSL-300	39.2			
Uranium-238 (U-238)	HSL-300	3,720			

A02-S001-0006-01		NFB-A02-S001-0612-01					NFB-A02-
0-6		6-12					12-18
Soil/Slag/Rock		Soil/Slag/Rock					Soil/Slag/F
5/9/2017		5/9/2017					5/9/2017
HPGe Screening		Laboratory Analysis			HPGe Screening		s
HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)
129.313	2.619				3.017	0.265	
NA	NA				NA	NA	
49.454	1.351				1.505	0.065	
NA	NA				3.433	0.261	
67.568	3.209				6.945	0.593	
NA	NA				NA	NA	
122.712	1.191				2.321	0.067	
41.410	0.800				0.698	0.032	
50.227	2.837				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	

NFB-A02-S001-1218-01				NFB-A02-S001-1218-02 (DUP)			
12-18				12-18			
Soil/Slag/Rock				Soil/Slag/Rock			
5/9/2017				5/9/2017			
Laboratory Analysis		**HPGe Screening**		**Laboratory Analysis**			**HPGe Screeni**
Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		0.585	0.106				0.444
		NA	NA				NA
		0.484	0.023				0.420
		4.777	0.232				5.388
		1.456	0.271				1.223
		NA	NA				NA
		0.501	0.026				NA
		0.160	0.013				0.112
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

02 (DUP)		NFB-A02-S001-1824-01					NFB-A02-S001-2430	
		18-24					24-30	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/9/2017					5/9/2017	
HPGe Screening		**Laboratory Analysis**			**HPGe Screening**		**Analysis**	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	0.092				0.548	0.094		
	NA				NA	NA		
	0.021				0.453	0.022		
	0.260				8.405	0.346		
	0.257				1.251	0.227		
	NA				NA	NA		
	NA				0.459	0.026		
	0.011				0.142	0.011		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A02-S001-2430-01				NFB-A02-S002-0006-01			
24-30				0-6			
Soil/Slag/Rock				Soil/Slag/Rock			
5/9/2017				5/9/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		0.317	0.112				11.869
		NA	NA				NA
		0.429	0.021				4.843
		7.883	0.347				2.982
		0.941	0.272				4.657
		NA	NA				NA
		NA	NA				10.865
		0.117	0.012				3.735
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

06-01		NFB-A02-S002-0612-01					NFB-A02-S002-1218	
		6-12					12-18	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/9/2017					5/9/2017	
HPGe Screening		**Laboratory Analysis**			**HPGe Screening**		**Analysis**	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	0.489				0.603	0.136		
	NA				NA	NA		
	0.156				0.587	0.028		
	0.269				3.871	0.218		
	0.706				2.653	0.268		
	NA				NA	NA		
	0.146				0.657	0.035		
	0.102				0.197	0.016		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A02-S002-1218-01				NFB-A02-S002-1824-01			
12-18				18-24			
Soil/Slag/Rock				Soil/Slag/Rock			
5/9/2017				5/9/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		0.595	0.131				0.704
		NA	NA				NA
		0.650	0.030				0.914
		4.145	0.226				19.493
		3.003	0.386				1.486
		NA	NA				NA
		0.700	0.035				0.866
		0.190	0.015				0.295
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

24-01		NFB-A02-S003-0006-01					NFB-A02-S003-0612	
		0-6					6-12	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/9/2017					5/9/2017	
HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	0.158				336.594	5.787		
	NA				NA	NA		
	0.035				120.161	3.249		
	0.663				NA	NA		
	0.315				166.915	6.776		
	NA				NA	NA		
	0.037				331.726	2.96		
	0.018				107.734	1.79		
	NA				69.45	4.123		
	NA				NA	NA		
	NA				82.849	9.318		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A02-S003-0612-01				NFB-A02-S003-1218-01			
6-12				12-18			
Soil/Slag/Rock				Soil/Slag/Rock			
5/9/2017				5/9/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		146.05	2.831				0.549
		NA	NA				NA
		70.051	1.626				0.355
		NA	NA				8.91
		71.923	3.913				1.003
		NA	NA				NA
		141.033	1.312				NA
		48.052	0.870				0.123
		38.645	2.714				NA
		NA	NA				NA
		42.968	5.758				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

18-01		NFB-A02-S003-1824-01					NFB-A02-S003-2430	
		18-24					24-30	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/9/2017					5/9/2017	
HPGe Screening		**Laboratory Analysis**			**HPGe Screening**		**Analysis**	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	0.094				0.879	0.148		
	NA				NA	NA		
	0.017				0.810	0.032		
	0.348				6.489	0.295		
	0.176				1.2	0.264		
	NA				NA	NA		
	NA				0.750	0.032		
	0.004				0.250	0.015		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A02-S003-2430-01				NFB-A02-S004-0006-01			
24-30				0-6			
Soil/Slag/Rock				Soil/Slag/Rock			
5/9/2017				5/10/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		0.844	0.142				0.793
		NA	NA				NA
		0.941	0.034				0.667
		17.15	0.593				7.906
		1.413	0.245				1.564
		NA	NA				NA
		1.038	0.038				0.656
		0.317	0.019				0.2.34
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

6-01		NFB-A02-S004-0612-01					NFB-A02-S004-1218-	
		6-12					12-18	
		Soil/Slag/Rock					Soil/Slag/Rock	
		5/10/2017					5/10/2017	
HPGe Screening		**Laboratory Analysis**			**HPGe Screening**		**Analysis**	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	0.125				1.091	0.143		
	NA				NA	NA		
	0.029				0.831	0.032		
	0.332				13.169	0.474		
	0.246				1.603	0.320		
	NA				NA	NA		
	0.030				0.840	0.034		
	0.015				0.266	0.017		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A02-S004-1218-01				NFB-A02-S004-1824-01			
12-18				18-24			
Soil/Slag/Rock				Soil/Slag/Rock			
5/10/2017				5/10/2017			
ratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screening
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		0.710	0.118				0.626
		NA	NA				NA
		0.583	0.025				0.586
		10.884	0.410				11.729
		1.059	0.200				0.737
		NA	NA				NA
		0.617	0.030				0.578
		0.203	0.013				0.182
		0.491	0.127				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

24-01
k
HPGe Screening

Total Uncertainty
0.126
NA
0.126
0.427
0.249
NA
0.028
0.013
NA
NA
NA
NA
NA
NA
NA
NA
NA

	RST 3 Sample No.		**NFB-A03-S001-0006-01**		
	Sample Depth (inches)		0-6		
	Sample Matrix		Soil/Slag/Rock		
	Sample Date		5/11/2017		
	Data Type		**Laboratory Analysis**		
	Sample Result		Value (pCi/g)	Qualifier	Total Uncertainty
Radioisotope	**Analytical Method**	**[1]EPA SSAL**			
Bismuth-212 (Bi-212)	EPA 901.1	6,330,000			
Cesium-137 (Cs-137)	EPA 901.1	11			
Lead-212 (Pb-212)	EPA 901.1	661,000			
Potassium-40 (K-40)	EPA 901.1	25.9			
Radium-226* (Ra-226)	EPA 901.1	2.48			
Radium-228 (Ra-228)	EPA 901.1	15.9			
Actinium-228 (Ac-228)	EPA 901.1	NA			
Thallium-208 (Tl-208)	EPA 901.1	2,430,000			
Thorium-234 (Th-234)	EPA 901.1	47,900			
Uranium-235 (U-235)	EPA 901.1	39.2			
Protactinium 234m (Pa-234m)	EPA 901.1				
Thorium-228 (Th-228)	HSL-300	14,100			
Thorium-230 (Th-230)	HSL-300	2,090			
Thorium-232 (Th-232)	HSL-300	2,020			
Uranium-233/234 (U-233/234)	HSL-300	3,330			
Uranium-235/236 (U-235/236)	HSL-300	39.2			
Uranium-238 (U-238)	HSL-300	3,720			

A03-S001-0006-01		NFB-A03-S001-0006-02 (DUP)					NFB-A03-
0-6		0-6					6-12
Soil/Slag/Rock		Soil/Slag/Rock					Soil/Slag/F
5/11/2017		5/11/2017					5/11/201
HPGe Screening		Laboratory Analysis			HPGe Screening		s
HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)
192.714	3.506				286..904	5.082	
NA	NA				NA	NA	
75.72	1.943				128..722	2.954	
NA	NA				NA	NA	
107.236	4.297				125.689	5.877	
NA	NA				NA	NA	
186.078	1.678				281.751	2.531	
62.75	1.071				94.379	1.684	
50.207	3.047				116.67	9.159	
NA	NA				NA	NA	
59.174	7.017				80.691	7.68	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	

NFB-A03-S001-0612-01				NFB-A03-S002-0006-01			
6-12				0-6			
Soil/Slag/Rock				Soil/Slag/Rock			
5/11/2017				5/11/2017			
Laboratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		1.35	0.171				85.583
		NA	NA				NA
		1.227	0.047				41.36
		10.926	0.428				NA
		5.422	0.484				81.144
		NA	NA				NA
		1.397	0.045				80.076
		0.413	0.020				26.925
		3.438	0.285				67.245
		NA	NA				NA
		NA	NA				61.038
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

06-01	NFB-A03-S002-0612-01					NFB-A03-S003-0006	
	6-12					0-6	
k	Soil/Slag/Rock					Soil/Slag/Rock	
	5/11/2017					5/11/2017	
HPGe Screening	Laboratory Analysis			HPGe Screening		Analysis	
Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
1.807				207.981	2.31		
NA				NA	NA		
1.102				106.837	2.395		
NA				NA	NA		
3.829				104.648	4.91		
NA				NA	NA		
0.807				187.045	1.716		
0.546				69.041	1.167		
3.927				57.891	3.503		
NA				NA	NA		
6.413				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		

NFB-A03-S003-0006-01				NFB-A03-S003-0612-01			
0-6				6-12			
Soil/Slag/Rock				Soil/Slag/Rock			
5/11/2017				5/11/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		0.584	0.085				0.089
		0.015	0.006				NA
		0.411	0.020				0.198
		0.538	0.084				1.515
		0.521	0.128				1.554
		NA	NA				NA
		0.453	0.021				NA
		0.144	0.010				0.045
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

12-01		NFB-A03-S003-1218-01				
		12-18				
k		Soil/Slag/Rock				
		5/11/2017				
HPGe Screening		Laboratory Analysis			HPGe Screening	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty
	0.070				0.595	0.163
	NA				NA	NA
	0.14				0.649	0.030
	0.124				3.483	0.222
	0.234				1.901	0.332
	NA				NA	NA
	NA				0.697	0.033
	0.008				0.208	0.014
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA

	RST 3 Sample No.		**NFB-A04-S001-0006-01**		
	Sample Depth (inches)		0-6		
	Sample Matrix		Soil/Slag/Rock		
	Sample Date		5/11/2017		
	Data Type		**Laboratory Analysis**		
	Sample Result		Value (pCi/g)	Qualifier	Total Uncertainty
Radioisotope	**Analytical Method**	**[1]EPA SSAL**			
Bismuth-212 (Bi-212)	EPA 901.1	6,330,000			
Cesium-137 (Cs-137)	EPA 901.1	11			
Lead-212 (Pb-212)	EPA 901.1	661,000			
Potassium-40 (K-40)	EPA 901.1	25.9			
Radium-226* (Ra-226)	EPA 901.1	2.48			
Radium-228 (Ra-228)	EPA 901.1	15.9			
Actinium-228 (Ac-228)	EPA 901.1	NA			
Thallium-208 (Tl-208)	EPA 901.1	2,430,000			
Thorium-234 (Th-234)	EPA 901.1	47,900			
Uranium-235 (U-235)	EPA 901.1	39.2			
Protactinium 234m (Pa-234m)	EPA 901.1				
Thorium-228 (Th-228)	HSL-300	14,100			
Thorium-230 (Th-230)	HSL-300	2,090			
Thorium-232 (Th-232)	HSL-300	2,020			
Uranium-233/234 (U-233/234)	HSL-300	3,330			
Uranium-235/236 (U-235/236)	HSL-300	39.2			
Uranium-238 (U-238)	HSL-300	3,720			

A04-S001-0006-01		NFB-A04-S001-0612-01					NFB-A04-
0-6		6-12					12-18
Soil/Slag/Rock		Soil/Slag/Rock					Soil/Slag/F
5/11/2017		5/11/2017					5/11/201
HPGe Screening		Laboratory Analysis			HPGe Screening		s
HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)
0.225	0.069				0.367	0.083	
NA	NA				NA	NA	
0.141	0.015				0.234	0.014	
3.227	0.186				3.663	0.189	
0.436	0.192				0.812	0.189	
NA	NA				NA	NA	
NA	NA				0.284	0.019	
0.056	0.008				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	

NFB-A04-S001-1218-01				NFB-A04-S001-1824-01			
12-18				18-24			
Soil/Slag/Rock				Soil/Slag/Rock			
5/11/2017				5/11/2017			
Laboratory Analysis		**HPGe Screening**		**Laboratory Analysis**			**HPGe Screeni**
Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		0.566	0.119				0.543
		0.042	0.009				0.059
		0.457	0.021				0.505
		9.837	0.369				8.956
		0.886	0.201				1.141
		NA	NA				NA
		0.468	0.025				NA
		0.167	0.012				0.170
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

24-01		NFB-A04-S001-2430-01					NFB-A04-S001-3036	
		24-30					30-36	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/11/2017					5/11/2017	
HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	0.107				0.478	0.105		
	0.008				0.047	0.008		
	0.023				0.474	0.022		
	0.351				9.649	0.372		
	0.217				1.391	0.178		
	NA				NA	NA		
	NA				0.472	0.030		
	0.013				0.161	0.012		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A04-S001-3036-01				NFB-A04-S001-3642-01			
30-36				36-42			
Soil/Slag/Rock				Soil/Slag/Rock			
5/11/2017				5/11/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		0.511	0.097				NA
		NA	NA				NA
		0.352	0.018				0.194
		5.544	0.245				5.647
		1.498	0.207				0.616
		NA	NA				NA
		0.414	0.026				NA
		0.116	0.010				0.071
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

42-01		NFB-A04-S001-4248-01					NFB-A04-S002-0006	
		42-48					0-6	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/11/2017					5/11/2017	
HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	NA				0.359	0.084		
	NA				NA	NA		
	0.018				0.311	0.016		
	0.260				5.949	0.253		
	0.211				0.760	0.157		
	NA				NA	NA		
	NA				0.372	0.022		
	0.009				0.105	0.009		
	NA				0.525	0.167		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A04-S002-0006-01				NFB-A04-S002-0612-01			
0-6				6-12			
Soil/Slag/Rock				Soil/Slag/Rock			
5/11/2017				5/11/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		NA	NA				0.831
		NA	NA				NA
		0.183	0.013				0.842
		1.527	0.130				6.757
		0.590	0.155				1.785
		NA	NA				NA
		NA	NA				0.834
		0.047	0.008				0.264
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

12-01		NFB-A04-S002-1218-01					NFB-A04-S003-0006	
		12-18					0-6	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/11/2017					5/11/2017	
HPGe Screening		**Laboratory Analysis**			**HPGe Screening**		**Analysis**	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	0.128				0.643	0.131		
	NA				NA	NA		
	0.035				0.633	0.028		
	0.035				6.276	0.301		
	0.290				1.967	0.300		
	NA				NA	NA		
	0.037				0.733	0.034		
	0.018				0.212	0.015		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A04-S003-0006-01				NFB-A04-S003-0612-01			
0-6				6-12			
Soil/Slag/Rock				Soil/Slag/Rock			
5/11/2017				5/11/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		NA	NA				1.03
		NA	NA				NA
		0.133	0.011				0.646
		2.334	0.155				3.95
		0.436	0.135				1.688
		NA	NA				NA
		NA	NA				0.866
		0.031	0.007				0.263
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

12-01		NFB-A04-S003-1218-01					NFB-A04-S003-1824	
		12-18					18-24	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/11/2017					5/11/2017	
HPGe Screening		**Laboratory Analysis**			**HPGe Screening**		**Analysis**	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	0.137				NA	NA		
	NA				NA	NA		
	0.029				0.451	0.023		
	0.212				4.927	0.258		
	0.277				0.792	0.231		
	NA				NA	NA		
	0.034				0.554	0.030		
	0.020				0.162	0.014		
	NA				0.456	0.277		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A04-S003-1824-01				NFB-A04-S003-2430-01			
18-24				24-30			
Soil/Slag/Rock				Soil/Slag/Rock			
5/11/2017				5/11/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		0.467	0.115				0.792
		0.011	0.006				NA
		0.409	0.022				0.723
		3.98	0.223				5.284
		1.309	0.259				1.737
		NA	NA				NA
		NA	NA				0.698
		0.145	0.012				0.221
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

30-01		NFB-A04-S003-3036-01					NFB-A04-S004-0006	
		30-36					0-6	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/11/2017					5/11/2017	
HPGe Screening		**Laboratory Analysis**			**HPGe Screening**		**Analysis**	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	0.156				0.261	0.086		
	NA				0.024	0.006		
	0.032				0.230	0.015		
	0.281				4.594	0.233		
	0.247				0.344	0.172		
	NA				NA	NA		
	0.035				NA	NA		
	0.016				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A04-S004-0006-01				NFB-A04-S004-0006-02 (DUP)			
0-6				0-6			
Soil/Slag/Rock				Soil/Slag/Rock			
5/11/2017				5/11/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		0.713	0.116				1.462
		NA	NA				NA
		0.673	0.027				1.082
		5.416	0.256				5.947
		1.081	0.235				1.287
		NA	NA				NA
		0.709	0.031				1.206
		0.225	0.015				0.380
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

02 (DUP)		NFB-A04-S004-0612-01					NFB-A04-S004-1218	
		6-12					12-18	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/11/2017					5/11/2017	
HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	0.155				1.092	0.155		
	NA				NA	NA		
	0.039				1.028	0.038		
	0.269				10.502	0.408		
	0.252				1.408	0.257		
	NA				NA	NA		
	0.039				1.174	0.042		
	0.019				0.352	0.019		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A04-S004-1218-01				NFB-A04-S004-1824-01			
12-18				18-24			
Soil/Slag/Rock				Soil/Slag/Rock			
5/11/2017				5/11/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		0.338	0.086				1.588
		NA	NA				NA
		0.381	0.019				1.181
		5.816	0.255				12.694
		1.077	0.251				1.894
		NA	NA				NA
		NA	NA				1.39
		0.143	0.011				0.441
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

24-01		NFB-A04-S004-2430-01					NFB-A04-S004-3036	
		24-30					30-36	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/11/2017					5/11/2017	
HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	0.175				0.687	0.127		
	NA				NA	NA		
	0.044				0.677	0.028		
	0.469				12.623	0.444		
	0.364				1.276	0.295		
	NA				NA	NA		
	0.044				0.770	0.030		
	0.021				0.274	0.015		
	NA				0.833	0.136		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A04-S004-3036-01				NFB-A04-S004-3642-01			
30-36				36-42			
Soil/Slag/Rock				Soil/Slag/Rock			
5/11/2017				5/11/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		1.187	0.159				0.833
		NA	NA				NA
		1.034	0.039				0.757
		14.731	0.535				11.794
		1.663	0.313				1.397
		NA	NA				NA
		1.112	0.039				0.812
		0.344	0.020				0.267
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

42-01		NFB-A04-S004-4248-01				
		42-48				
k		Soil/Slag/Rock				
		5/11/2017				
HPGe Screening		Laboratory Analysis			HPGe Screening	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty
	0.134				126.56	2.437
	NA				NA	NA
	0.029				44.022	1.106
	0.434				NA	NA
	0.265				44.683	2.588
	NA				NA	NA
	0.033				117.594	1.123
	0.016				40.841	0.775
	NA				23.509	2.092
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA
	NA				NA	NA

	RST 3 Sample No.		**NFB-A07-S001-0006-01**		
	Sample Depth (inches)		0-6		
	Sample Matrix		Soil/Slag/Rock		
	Sample Date		5/10/2017		
	Data Type		**Laboratory Analysis**		
	Sample Result		Value (pCi/g)	Qualifier	Total Uncertainty
Radioisotope	**Analytical Method**	**[1]EPA SSAL**			
Bismuth-212 (Bi-212)	EPA 901.1	6,330,000			
Cesium-137 (Cs-137)	EPA 901.1	11			
Lead-212 (Pb-212)	EPA 901.1	661,000			
Potassium-40 (K-40)	EPA 901.1	25.9			
Radium-226* (Ra-226)	EPA 901.1	2.48			
Radium-228 (Ra-228)	EPA 901.1	15.9			
Actinium-228 (Ac-228)	EPA 901.1	NA			
Thallium-208 (Tl-208)	EPA 901.1	2,430,000			
Thorium-234 (Th-234)	EPA 901.1	47,900			
Uranium-235 (U-235)	EPA 901.1	39.2			
Protactinium 234m (Pa-234m)	EPA 901.1				
Thorium-228 (Th-228)	HSL-300	14,100			
Thorium-230 (Th-230)	HSL-300	2,090			
Thorium-232 (Th-232)	HSL-300	2,020			
Uranium-233/234 (U-233/234)	HSL-300	3,330			
Uranium-235/236 (U-235/236)	HSL-300	39.2			
Uranium-238 (U-238)	HSL-300	3,720			

A07-S001-0006-01		NFB-A07-S001-0612-01					NFB-A07-
0-6		6-12					12-18
Soil/Slag/Rock		Soil/Slag/Rock					Soil/Slag/F
5/10/2017		5/10/2017					5/10/201
HPGe Screening		Laboratory Analysis			HPGe Screening		s
HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)
0.259	0.092				NA	NA	
NA	NA				NA	NA	
0.239	0.092				0.471	0.030	
4.892	0.256				2.501	0.241	
0.773	0.232				1.612	0.798	
NA	NA				NA	NA	
NA	NA				NA	NA	
0.071	0.001				0.114	0.018	
NA	NA				9.315	0.567	
NA	NA				NA	NA	
NA	NA				11.386	2.058	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	
NA	NA				NA	NA	

NFB-A07-S001-1218-01				NFB-A07-S001-1824-01			
12-18				18-24			
Soil/Slag/Rock				Soil/Slag/Rock			
5/10/2017				5/10/2017			
Laboratory Analysis		**HPGe Screening**		**Laboratory Analysis**			**HPGe Screeni**
Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		0.083	0.057				NA
		NA	NA				NA
		0.085	0.001				0.226
		1.615	0.124				2.182
		0.466	0.180				16.098
		NA	NA				NA
		NA	NA				NA
		NA	NA				0.055
		NA	NA				8.802
		NA	NA				NA
		NA	NA				10.007
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

24-01		NFB-A07-S001-2430-01					NFB-A07-S002-0006	
		24-30					0-6	
k		Soil/Slag/Rock					Soil/Slag/Rock	
		5/10/2017					5/10/2017	
HPGe Screening		Laboratory Analysis			HPGe Screening		Analysis	
	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
	NA				0.209	0.092		
	NA				NA	NA		
	0.023				0.159	0.015		
	0.224				2.517	0.173		
	0.790				6.513	0.414		
	NA				NA	NA		
	NA				NA	NA		
	0.015				0.044	0.012		
	0.521				NA	NA		
	NA				NA	NA		
	2.073				1.749	0.897		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		
	NA				NA	NA		

NFB-A07-S002-0006-01				NFB-A07-S002-0612-01			
0-6				6-12			
Soil/Slag/Rock				Soil/Slag/Rock			
5/10/2017				5/10/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		218.156	3.962				0.946
		NA	NA				NA
		63.797	1.82				0.904
		NA	NA				6.67
		90.667	5.004				9.113
		NA	NA				NA
		203.754	1.856				1.028
		67.601	1.168				0.288
		37.037	3.107				4.644
		NA	NA				NA
		56.729	6.774				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

12-01	NFB-A07-S002-1218-01					NFB-A07-S002-1824	
	12-18					18-24	
k	Soil/Slag/Rock					Soil/Slag/Rock	
	5/10/2017					5/10/2017	
HPGe Screening	**Laboratory Analysis**			**HPGe Screening**		**Analysis**	
Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier
0.194				0.614	0.145		
NA				NA	NA		
0.040				0.622	0.030		
0.315				5.566	0.274		
0.625				4.966	0.455		
NA				NA	NA		
0.042				0.696	0.037		
0.021				0.183	0.014		
0.345				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		
NA				NA	NA		

NFB-A07-S002-1824-01				NFB-A07-S002-2430-01			
18-24				24-30			
Soil/Slag/Rock				Soil/Slag/Rock			
5/10/2017				5/10/2017			
oratory Analysis		HPGe Screening		Laboratory Analysis			HPGe Screeni
	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)
		NA	NA				0.584
		NA	NA				NA
		0.342	0.021				0.525
		2.347	0.189				5.739
		5.295	0.397				6.703
		NA	NA				NA
		NA	NA				NA
		0.102	0.013				0.174
		2.38	0.391				3.729
		NA	NA				NA
		NA	NA				4.376
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA
		NA	NA				NA

30-01	NFB-A07-S002-3036-01					
	30-36					
k	Soil/Slag/Rock					
	5/10/2017					
HPGe Screening		**Laboratory Analysis**			**HPGe Screening**	
Total Uncertainty		Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty
0.144					0.359	0.082
NA					NA	NA
0.029					0.230	0.015
0.302					1.777	0.145
0.458					0.757	0.163
NA					NA	NA
NA					NA	NA
0.015					0.064	0.009
0.303					NA	NA
NA					NA	NA
1.024					NA	NA
NA					NA	NA
NA					NA	NA
NA					NA	NA
NA					NA	NA
NA					NA	NA
NA					NA	NA

	RST 3 Sample No.		**NFB-BKGD01-S001-0006-01**		
	Sample Depth (inches)		0-6		
	Sample Matrix		Soil/Slag/Rock		
	Sample Date		5/12/2017		
	Data Type		**Laboratory Analysis**		
	Sample Result		Value (pCi/g)	Qualifier	Total Uncertainty
Radioisotope	**Analytical Method**	**[1]EPA SSAL**			
Bismuth-212 (Bi-212)	EPA 901.1	6,330,000			
Cesium-137 (Cs-137)	EPA 901.1	11			
Lead-212 (Pb-212)	EPA 901.1	661,000			
Potassium-40 (K-40)	EPA 901.1	25.9			
Radium-226* (Ra-226)	EPA 901.1	2.48			
Radium-228 (Ra-228)	EPA 901.1	15.9			
Actinium-228 (Ac-228)	EPA 901.1	NA			
Thallium-208 (Tl-208)	EPA 901.1	2,430,000			
Thorium-234 (Th-234)	EPA 901.1	47,900			
Uranium-235 (U-235)	EPA 901.1	39.2			
Protactinium 234m (Pa-234m)	EPA 901.1				
Thorium-228 (Th-228)	HSL-300	14,100			
Thorium-230 (Th-230)	HSL-300	2,090			
Thorium-232 (Th-232)	HSL-300	2,020			
Uranium-233/234 (U-233/234)	HSL-300	3,330			
Uranium-235/236 (U-235/236)	HSL-300	39.2			
Uranium-238 (U-238)	HSL-300	3,720			

KGD01-S001-0006-01		NFB-BKGD02-S002-0006-01				
0-6		0-6				
Soil/Slag/Rock		Soil/Slag/Rock				
5/12/2017		5/12/2017				
HPGe Screening		**Laboratory Analysis**			**HPGe Screening**	
HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty
0.471	0.130				0.676	0.123
0.131	0.012				0.153	0.014
0.499	0.024				0.480	0.023
8.714	0.367				8.428	0.360
0.955	0.181				0.937	0.208
NA	NA				NA	NA
0.514	0.033				0.413	0.026
0.169	0.013				0.147	0.012
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA

	RST 3 Sample No		A5-CS013-0006-01 (21699/CPM		
	Sample Depth (inches)		0-6		
	Sample Matrix		Soil/Slag/Rock		
	Sample Date		6/10/2017		
	Data Type		**Laboratory Analysis**		
	Sample Result		Value (pCi/g)	Qualifier	Total Uncertainty
Radioisotope	**Analytical Method**	**[1]EPA SSAL**			
Bismuth-212 (Bi-212)	EPA 901.1	6,330,000			
Cesium-137 (Cs-137)	EPA 901.1	11			
Lead-212 (Pb-212)	EPA 901.1	661,000			
Potassium-40 (K-40)	EPA 901.1	25.9			
Radium-226* (Ra-226)	EPA 901.1	2.48			
Radium-228 (Ra-228)	EPA 901.1	15.9			
Actinium-228 (Ac-228)	EPA 901.1	NA			
Thallium-208 (Tl-208)	EPA 901.1	2,430,000			
Thorium-234 (Th-234)	EPA 901.1	47,900			
Uranium-235 (U-235)	EPA 901.1	39.2			
Protactinium 234m (Pa-234m)	EPA 901.1				
Thorium-228 (Th-228)	HSL-300	14,100			
Thorium-230 (Th-230)	HSL-300	2,090			
Thorium-232 (Th-232)	HSL-300	2,020			
Uranium-233/234 (U-233/234)	HSL-300	3,330			
Uranium-235/236 (U-235/236)	HSL-300	39.2			
Uranium-238 (U-238)	HSL-300	3,720			

-0006-01 (21699/CPM)		A5-CS016-0006-01 (26260/CPM)				
0-6		0-6				
Soil/Slag/Rock		Soil/Slag/Rock				
6/10/2017		6/10/2017				
HPGe Screening		**Laboratory Analysis**			**HPGe Screening**	
HPGe Value (pCi/g)	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	HPGe Value (pCi/g)	Total Uncertainty
0.689	0.129				0.644	0.120
NA	NA				NA	NA
0.677	0.029				0.672	0.028
13.006	0.477				13.01	0.499
1.509	0.224				1.29	0.255
NA	NA				NA	NA
0.653	0.031				0.687	0.031
0.222	0.016				0.229	0.014
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA
NA	NA				NA	NA