

Attachment E
Segregated Material Gamma
Scan Readings

Date	# Samples Collected	CY of Material	Material Characteristics	Bucket Dose Rates μ Rem/hr.	Sample	Bucket Readings (cpm)	Daily Background (cpm)
2/7/2023	1	25	100% Rocky slag material/ grayish blue tint	4	A	4500	2544
2/27/2023	2	17	100% Rocky slag material/ grayish blue tint	4	B	3300	2544
			100% Rocky slag material/ blackish brown tint	4	C	4600	
2/28/2023	3	80	100% Rocky slag material/ grayish blue tint	5	D	3600	2389
			100% Rocky slag material/ brown	4	E	4200	
			100% Small rocky slag material/ brown	5	F	3000	
			100% Rocky slag material/ grayish blue tint	4	G	3000	
3/6/2023	1	40	100% Rocky slag material/ grayish blue tint	4	N/A	3000	2415
3/7/2023	0	4	100% Rocky slag material/ grayish blue tint	4	N/A	3000	2415
3/8/2023	0	30	100% Small rocky slag material/ brown	4	N/A	4000	2254
3/9/2023	2	80	100% Small rocky slag material/ brown	5	H	3200	2341
			100% Slag material with some brown soil	5	I	4000	
3/10/2023	3	10	100% Rocky slag mixed with brown soil	5	J	4000	2214
			100% Rocky slag mixed with brown soil	5	K	4000	
			100% Rocky slag mixed with brown soil	5	L	4000	
			80% Rocky slag mixed with brown soil	4	N/A	3800	
3/13/2023	0	30	100% Rocky slag material/ grayish blue tint	5	N/A	3800	2281
3/15/2023	0	40	100% Rocky slag material/ grayish blue tint	5	N/A	3800	2281
3/16/2023	0	180	90% Rocky slag material/ grayish blue tint	4	N/A	4300	2254
3/17/2023	4	100(Pile 2 created)	100% Rocky slag material/ grayish blue tint	4	M	4500	2288
			100% Small rocky slag material/grayish tint	4	N	3200	
			100% Small rocky slag material/grayish tint	4	O	3000	
			100% Large rocky slag material/grayish tint	4	P	3500	
3/20/2023	6	120	100% Rocky slag material/ grayish blue tint	5	Q	4400	2214
			100% Small rocky slag material/grayish tint	5	R	4500	
			100% Large rocky slag material/grayish tint	5	S	4400	
			100% Large rocky slag material/grayish tint	5	T	4200	
			90% Large rocky slag material mixed with soil	5	U	4200	
			90% Large rocky slag material mixed with soil	5	V	3800	
3/21/2023	5	190	100% Rocky slag mixed with brown soil	5	W	3800	2198
			70% Small rocky slag mixed with brown soil	5	X	4000	
			800% Small rocky slag mixed with brown soil	5	Y	4000	
			70% Small rocky slag mixed with brown soil	5	Z	3900	
			90% Small rocky slag mixed with brown soil	5	AA	3700	
3/22/2023	6	180	100% Rocky slag mixed with brown dirt	5	BB	3600	2208
			100% Large rocky slag material/ grayish tint	4	CC	4600	
			100% Large rocky slag material/ grayish tint	4	DD	4200	
			100% Large rocky slag material/ grayish tint	4	EE	4400	
			100% Small rocky slag material/ grayish tint	5	FF	4200	
			Large rocky slag material mixed with soil- 90% slag	4	GG	3200	
3/23/2023	2	60 (Pile 3 created)	100% Large rocky slag material/ grayish tint	4	HH	4400	2177
3/24/2023	2	60	100% Large rocky slag material/ grayish tint	4	II	3800	2381
			100% Small rocky slag material/ grayish tint	4	KK	4400	
3/27/2023	4	60	100% Large rocky slag material / grayish tint	4	LL	3500	2301
			100% Large rocky slag material / grayish tint	4	MM	3500	
			100% Rocky slag material/ grayish tint	4	NN	3600	
			100% Large rocky slag material / grayish tint	4	OO	3600	
3/29/2023	4	160	100% Large rocky slag material / grayish tint	4	PP	3900	2276
			100% Large rocky slag material / grayish tint	4	QQ	3600	
			100% Large rocky slag material / grayish tint	4	RR	4000	
			100% Large rocky slag material / grayish tint	4	SS	4600	
3/30/2023	4	80	100% Large rocky slag material / grayish tint	4	TT	4400	2259
			100% Large rocky slag material / grayish tint	4	UU	5000	
			100% Gray rocky slag material	4	VV	3900	
			90% large rocky slag material mixed with soil	4	WW	4200	
3/31/2023	0	80	90% large rocky slag material mixed with soil	4	NA	3500	2144
4/3/2023	2	50 (Pile 4 created)	100% Large gray rocky slag	4	XX	3300	2188
			100% Small gray rocky slag	4	YY	3000	
4/4/2023	2	80	90% Small rocky slag mixed with soil	5	ZZ	3600	2194
			80% Rocky slag mixed with soil	5	AAA	4400	
4/5/2023	2	60	90% Large rocky slag material mixed with soil	4	BBB	3700	2186
			100% Large rocky gray slag	4	CCC	3200	
4/6/2023	0	0	100% Small rocky slag mixed with soil	4	NA	3400	2177
4/7/2023	2	40	90% Small rocky slag mixed with soil	4	DDD	4000	2178
			100% Large rocky slag material / grayish tint	5	EEE	4600	
Instruments Used				Bicron MicroRem		Ludlum 2241-2/44-10 (Shielded)	

Shielded/Unshielded counts of Background and Check Source at specified daily QC location			
Background		Source	
Shielded	Unshielded	Shielded	Unshielded
2668	7550	44187	58967
2562	7521	44249	59381
2670	7554	43951	59183
2591	7578	44230	59055
2680	7560	44448	59256
2671	7286	44199	58407
2559	7675	43996	59067
2520	7419	44307	59082
2639	7627	43947	58774
2591	7610	44049	58948