

TRIGA Sr-90/Cs-137 Ratio

Sample	Cs-137 (pCi/g)				Sr-90 (pCi/g)				Ratio Sr/Cs	
	Result	Reporting Limit	MDC	>Sample Det. Limit	Sample	Result	Reporting Limit	MDC		>Sample Det. Limit
1	0.027	0.200	0.223	N	1	0.400	3.000	0.296	Y	15.038
2	1.320	0.200	0.081	Y	2	0.729	3.000	0.282	Y	0.552
3	5.370	0.200	0.162	Y	3	2.050	3.000	0.253	Y	0.382
4	0.608	0.200	0.074	Y	4	1.470	3.000	0.278	Y	2.418
5	0.837	0.200	0.225	Y	5	0.997	3.000	0.303	Y	1.191
6	0.939	0.200	0.110	Y	6	6.640	3.000	0.310	Y	7.071
7	0.336	0.200	0.094	Y	7	0.268	3.000	0.267	Y	0.798
8	-0.059	0.200	0.156	N	8	0.310	3.000	0.300	Y	-5.272
9	0.401	0.200	0.058	Y	9	1.180	3.000	0.354	Y	2.943
10	8.270	0.200	0.072	Y	10	2.020	3.000	0.321	Y	0.244
11	1.070	0.200	0.107	Y	11	1.110	3.000	0.337	Y	1.037
Sample Ratio Stdev									2.400	
Sample Ratio Average									1.848	

Cs-137 sample numbers 1 and 8 were not included in the average because the results were below the limit of detection.

Pipe Scale Results

Sample	Sr-90 (pCi/g)	Cs-137 (pCi/g)	Ratio Sr/Cs
Soil-Pipe 01	191	19,365	0.010
Scale-Pipe 01	219	8,669	0.025
Sample Ratio Average			0.018