

Station ID	Sample ID	Description	Sample Type			Sample Mass (g)	Am-241 (pCi/g) ±2s		Np-237 (pCi/g) ±2s		Pu-239/240 (pCi/g) ±2s		Ra-226 (pCi/g) ±2s		ID				
			Resurfaced Concrete Region	Expansion Joint, Crack, Seam, Near Wall	Identified as a Hot Spot		Representitive of General Area	Conc.	MDC	Conc.	MDC	Conc.	±2s	MDC	Conc.	±2s	ID		
1	991-MS-100413-13-1	Concrete sample from Station # 1 - top 1/4 "			62	0.023	0.075	0.18	0.077	0.054	0.026	0.11	0.079	0.10	0.76	0.29	#	0.58	0.88
	991-MS-100413-13-2	Concrete sample from Station # 1 - middle 1/2 "		x	125	-	-	-	-	-	-	-	-	-	-	-	-	-0.13	0.83
	991-MS-100413-13-3	Concrete sample from Station # 1 - remainder of core			1160	-0.20	0.97	0.36	-	-	-	-	-	-	0.64	0.11	#	0.068	0.84
2	992-MS-100413-13-1	Concrete sample from Station # 2 - top 1/4 "			60	0.045	0.078	0.15	0.099	0.12	0.18	0.067	0.063	0.088	0.95	2.0	#	42738	2950
	992-MS-100413-13-2	Concrete sample from Station # 2 - middle 1/2 "			106	-	-	-	-	-	-	-	-	-	-	-	-	4.5	1.1
	992-MS-100413-13-3a	Concrete sample from Station # 2 - remainder of core A		x	534	0.0070	0.033	0.052	-	-	-	-	-	-	0.23	0.054	#	0.72	0.91
	992-MS-100413-13-5	1/4 inch Subfloor wafer	x		85	-0.022	0.0080	0.15	0.010	0.044	0.093	-0.040	0.056	0.14	0.42	0.26	#	-0.13	0.88
	992-MS-100413-13-6	1/2 inch Subfloor wafer			136	-	-	-	-	-	-	-	-	-	-	-	-	-0.17	0.88
3	992-MS-100413-13-3b	Concrete sample from Station # 2 - remainder of core B			1366	0.27	0.41	0.23	-	-	-	-	-	-	0.73	0.13	#	0.46	0.86
																		1122	
																		3663	
																		0.37	
																		22646	547
4	993-MS-100413-13-1	Concrete sample from Station # 3 - top 1/4 "			59	-0.025	0.0080	0.16	0.000	0.11	0.32	0.010	0.077	0.15	0.45	0.65	#	122	14
	993-MS-100413-13-2	Concrete sample from Station # 3 - middle 1/2 "			119	-	-	-	-	-	-	-	-	-	-	-	-	101	13
	993-MS-100413-13-3a	Concrete sample from Station # 3 - remainder of core A		x	509	-0.0040	0.27	0.34	-	-	-	-	-	-	0.23	0.097	#	19	2.9
	993-MS-100413-13-5	1/4 inch Subfloor wafer	x		75	-0.023	0.037	0.18	0.027	0.040	0.066	-0.018	0.058	0.13	0.78	0.30	#	2.5	1.1
	993-MS-100413-13-6	1/2 inch Subfloor wafer			113	-	-	-	-	-	-	-	-	-	-	-	-	2.8	1.1
5	993-MS-100413-13-3b	Concrete sample from Station # 3 - remainder of core B			1301	-0.080	1.7	0.25	-	-	-	-	-	-	0.59	0.094	#	647	
																		2041	
																		3.6	
6	997-MS-100414-13-1	Concrete sample from Station # 4 - top 1/4 "			113	0.000	0.048	0.16	0.071	0.11	0.19	0.010	0.045	0.095	0.69	0.30	#	18	2.6
	997-MS-100414-13-2	Concrete sample from Station # 4 - middle 1/2 "		x	122	-	-	-	-	-	-	-	-	-	-	-	-	5.7	0.88
	997-MS-100414-13-3	Concrete sample from Station # 4 - remainder of core			1290	-0.19	0.93	0.54	-	-	-	-	-	-	0.53	0.15	#	2.6	0.51
7	998-MS-100414-13-1	Concrete sample from Station # 5 - top 1/4 "			96	0.024	0.059	0.14	0.085	0.10	0.16	0.010	0.093	0.18	1.5	0.64	#	24	1.8
	998-MS-100414-13-2	Concrete sample from Station # 5 - middle 1/2 "		x	187	-	-	-	-	-	-	-	-	-	-	-	-	2.1	0.99
	998-MS-100414-13-3	Concrete sample from Station # 5 - remainder of core			1620	0.10	0.61	0.35	-	-	-	-	-	-	0.73	0.12	#	0.45	0.85
8	1008-MS-100415-13-1	Concrete sample from Station # 6 - top 1/4 "			66	0.062	0.11	0.23	0.041	0.14	0.34	-0.040	0.072	0.16	0.87	1.1	#	16	1.3
	1008-MS-100415-13-2	Concrete sample from Station # 6 - middle 1/2 "		x	120	-	-	-	-	-	-	-	-	-	-	-	-	2.9	1.0
	1008-MS-100415-13-3	Concrete sample from Station # 6 - remainder of core			1080	0.080	0.18	0.100	-	-	-	-	-	-	0.72	0.13	#	1.9	0.91
9	1000-MS-100415-13-1	Concrete sample from Station # 7 - top 1/4 "			61	-0.023	0.038	0.18	0.29	0.21	0.28	-0.045	0.069	0.16	1.0	0.65	#	1.5	0.46
	1000-MS-100415-13-2	Concrete sample from Station # 7 - middle 1/2 "		x	118	-	-	-	-	-	-	-	-	-	-	-	-	0.64	0.85
	1000-MS-100415-13-3	Concrete sample from Station # 7 - remainder of core			1250	-0.22	0.77	0.27	-	-	-	-	-	-	0.68	0.12	#	0.041	0.79
10	999-MS-100414-13-1	Concrete sample from Station #8 - top 1/4 "			85	-0.031	0.093	0.26	-0.030	0.057	0.25	0	0.059	0.13	0.35	0.21	#	163	4.1
	999-MS-100414-13-2	Concrete sample from Station # 8- middle 1/2 "		x	125	-	-	-	-	-	-	-	-	-	-	-	-	34	1.5
	999-MS-100414-13-3	Concrete sample from Station # 8 - remainder of core			1090	0.088	0.39	0.23	-	-	-	-	-	-	0.41	0.093	#	1.8	0.93
11	1009-MS-100415-13-1	Concrete sample from Station # 9 - top 1/4 "			75	0.00	0.092	0.24	0.037	0.13	0.31	0.032	0.036	0.029	0.71	0.87	#	0.54	0.39
	1009-MS-100415-13-2	Concrete sample from Station # 9 middle 1/2 "		x	114	-	-	-	-	-	-	-	-	-	-	-	-	0.77	0.88
	1009-MS-100415-13-3	Concrete sample from Station # 9 - remainder of core			1340	-0.0020	0.23	0.13	-	-	-	-	-	-	0.28	0.077	#	0.57	0.79
12	1010-MS-100415-13-1	Concrete sample from Station # 10- top 1/4 "			73	0.011	0.086	0.21	0.000	0.040	0.16	0.049	0.064	0.11	1.6	0.95	#	0.97	0.41
	1010-MS-100415-13-2	Concrete sample from Station # 10- middle 1/2 "		x	120	-	-	-	-	-	-	-	-	-	-	-	-	1.0	0.82
	1010-MS-100415-13-3	Concrete sample from Station # 10 - remainder of core			1780	0.042	0.20	0.11	-	-	-	-	-	-	0.38	0.096	#	0.073	0.83
13	1011-MS-100415-13-1	Concrete sample from Station # 11 - top 1/4 "			73	0.011	0.10	0.25	0.067	0.11	0.22	0.0090	0.038	0.081	0.33	0.29	#	0.16	0.35
	1011-MS-100415-13-2	Concrete sample from Station # 11 - middle 1/2 "		x	118	-	-	-	-	-	-	-	-	-	-	-	-	0.80	0.87
	1011-MS-100415-13-3	Concrete sample from Station # 11 - remainder of core			1110	0.0037	0.45	0.26	-	-	-	-	-	-	0.33	0.077	#	-0.40	0.78
14	1017-MS-100416-13-1	Concrete sample from Station # 12 - top 1/4 "			63	0.021	0.066	0.16	0.098	0.30	0.74	-0.029	0.056	0.14	0.20	0.25	#	-0.11	0.34
	1017-MS-100416-13-2	Concrete sample from Station # 12 middle 1/2 "		x	120	-	-	-	-	-	-	-	-	-	-	-	-	1.1	0.84
	1017-MS-100416-13-3	Concrete sample from Station # 12 - remainder of core			2050	-0.076	2.3	0.10	-	-	-	-	-	-	0.35	0.083	#	0.31	0.33

Station ID	Sample ID	Description	Sample Type		Sample Mass	Am-241 (pCi/g)			Np-237 (pCi/g)			Pu-239/240 (pCi/g)			Ra-226 (pCi/g)		
						Conc.	±2s	MDC	Conc.	±2s	MDC	Conc.	±2s	MDC	Conc.	±2s	1D
13	1018-MS-100416-13-1	Concrete sample from Station # 13- top 1/4 "			102	0.053	0.11	0.23	0.070	0.098	0.095	-0.020	0.062	0.14	0.31	0.39	# 3.8 0.59
	1018-MS-100416-13-2	Concrete sample from Station # 13- middle 1/2 "	x		137	-	-	-	-	-	-	-	-	-	-	-	0.37 0.34
	1018-MS-100416-13-3	Concrete sample from Station # 13 - remainder of core			870	-0.018	85	0.21	-	-	-	-	-	-	0.47	0.10	# 0.78 0.36
14	1019-MS-100416-13-1	Concrete sample from Station # 14 - top 1/4 "			53	-0.019	0.042	0.16	0.000	0.069	0.22	0.021	0.041	0.078	0.026	0.34	# 5.0 0.48
	1019-MS-100416-13-2	Concrete sample from Station # 14 - middle 1/2 "	x		138	-	-	-	-	-	-	-	-	-	-	-	1.2 0.41
	1019-MS-100416-13-3	Concrete sample from Station # 14 - remainder of core			2530	-0.10	4.7	0.23	-	-	-	-	-	-	0.52	0.11	# 0.29 0.34
15	1025-MS-100419-13-1	Concrete sample from Station # 15 - top 1/4 "			70	0.00	0.064	0.18	0.015	0.055	0.11	-0.0070	0.030	0.076	1.1	0.31	# 2.8 0.55
	1025-MS-100419-13-2	Concrete sample from Station # 15 middle 1/2 "		x	125	-	-	-	-	-	-	-	-	-	-	-	1.2 0.41
	1025-MS-100419-13-3	Concrete sample from Station # 15 - remainder of core			1190	-0.15	0.87	0.14	-	-	-	-	-	-	0.61	0.12	# 1.6 0.39
16	1026-MS-100419-13-1	Concrete sample from Station # 16- top 1/4 "			104	0.078	0.12	0.22	-0.028	0.038	0.21	-0.029	0.060	0.14	0.82	0.51	# 125 6.3
	1026-MS-100419-13-2	Concrete sample from Station # 16- middle 1/2 "	x	x	133	-	-	-	-	-	-	-	-	-	-	-	2.4 0.49
	1026-MS-100419-13-3	Concrete sample from Station # 16 - remainder of core			1750	0.16	0.26	0.14	-	-	-	-	-	-	0.62	0.13	# 6.7 0.91
17	1027-MS-100419-13-1	Concrete sample from Station # 17 - top 1/4 "			147	-0.096	0.064	0.27	0.13	0.095	0.12	0.072	0.062	0.076	0.80	0.33	# 5.8 0.71
	1027-MS-100419-13-2	Concrete sample from Station # 17 - middle 1/2 "	x	x	230	-	-	-	-	-	-	-	-	-	-	-	2.4 0.54
	1027-MS-100419-13-3	Concrete sample from Station # 17 - remainder of core			1290	-0.15	1.3	0.18	-	-	-	-	-	-	0.67	0.13	# 0.53 0.36
18	1028-MS-100419-13-1	Concrete sample from Station # 18 - top 1/4 "			90	0.046	0.087	0.18	0.076	0.13	0.25	0.0090	0.054	0.11	0.51	0.26	# 1.8 0.41
	1028-MS-100419-13-2	Concrete sample from Station # 18 - middle 1/2 "	x		138	-	-	-	-	-	-	-	-	-	-	-	0.60 0.39
	1028-MS-100419-13-3	Concrete sample from Station # 18 - remainder of core			1100	-1.0	0.85	0.34	-	-	-	-	-	-	0.55	0.13	# 0.094 0.35
19	1031-MS-100420-13-1	Concrete sample from Station # 19- top 1/4 "			73	-0.023	0.084	0.25	0.067	0.10	0.19	0.019	0.054	0.10	0.85	0.42	# 7.1 0.73
	1031-MS-100420-13-2	Concrete sample from Station # 19- middle 1/2 "		x	124	-	-	-	-	-	-	-	-	-	-	-	7.5 1.3
	1031-MS-100420-13-3	Concrete sample from Station # 19 - remainder of core			3040	-0.15	0.95	0.13	-	-	-	-	-	-	0.59	0.13	# 0.32 0.36
20	1032-MS-100420-13-1	Concrete sample from Station # 20 - top 1/4 "			82	0.11	0.13	0.24	0.033	0.065	0.090	0.040	0.051	0.083	0.91	1.0	# 643 32
	1032-MS-100420-13-2	Concrete sample from Station # 20 - middle 1/2 "	x		120	-	-	-	-	-	-	-	-	-	-	-	52 6.1
	1032-MS-100420-13-3	Concrete sample from Station # 20 - remainder of core			2450	-0.041	0.42	0.093	-	-	-	-	-	-	0.53	0.11	# 16 1.9
21	1033-MS-100420-13-1	Concrete sample from Station # 21 - top 1/4 "			74	0.056	0.11	0.23	0.032	0.064	0.088	0.14	0.082	0.098	3.1	0.96	# 750 37
	1033-MS-100420-13-2	Concrete sample from Station # 21 - middle 1/2 "		x	124	-	-	-	-	-	-	-	-	-	-	-	2086 35
	1033-MS-100420-13-3	Concrete sample from Station # 21 - remainder of core			2400	-1.1	1.1	0.49	-	-	-	-	-	-	0.53	0.13	# 22 1.9

Notes:

1 - weighted average over entire core

2 - weighted average over core,excluding top 3 inches

Radionuclide Cocentration															Notes
Th-232 (pCi/g)			U-234 (pCi/g)			U-235 (pCi/g)			U-238 (pCi/g)			MDC			
	Conc.	±2s	MDC	Conc.	±2s	MDC	Conc.	±2s	MDC	Conc.	±2s				
MDC	Conc.	±2s	MDC	Conc.	±2s	MDC	Conc.	±2s	MDC	Conc.	±2s	MDC	Conc.	±2s	
2.1	0.19	0.16	0.20	178	26	0.23	5.1	1.2	0.13	9.8	1.9	0.23	8.8	1.9	1
1.8	-	-	-	176	28	0.28	6.1	1.4	0.21	8.4	1.7	0.28	8.8	3.2	
1.9	0.46	0.12	0.060	66	-	-	3.7	0.55	0.16	8.8	3.2	0.83	8.8	3.2	
				81			3.9								
3.7	0.068	0.095	0.092	34384	4986	95	1255	280	61	5051	834	26			1
2.8	-	-	-	15	2.7	0.097	0.29	0.20	0.097	2.5	0.70	0.19			
2.8	0.14	0.11	0.20	9.1	-	-	0.41	0.050	0.16	11	7.0	4.3			
2.3	0.51	0.27	0.21	123	18	0.29	3.3	0.92	0.13	2.0	0.67	0.13			2
1.9	-	-	-	1.4	0.51	0.26	0.063	0.11	0.19	0.95	0.40	0.19			
2.1	0.57	0.13	0.051	4.7	-	-	0.25	0.24	0.15	0.27	3.0	1.8			
				912			33			136					
				2955			108			442					
				11			0.40			0.42					
2.6	0.12	0.14	0.23	15232	4884	5.6	544	181	3.1	2364	764	6.7			2
2.3	-	-	-	6109	2122	2.7	206	74	1.4	904	316	2.7			
1.9	0.055	0.15	0.26	1183	-	-	65	2.8	0.77	265	43	9.1			
2.0	0.20	0.17	0.22	107	16	0.27	3.8	0.98	0.23	21	3.6	0.23			1
1.9	-	-	-	4.2	0.97	0.20	0.13	0.13	0.086	1.3	0.45	0.086			
2.2	0.38	0.11	0.10	4.6	-	-	0.23	0.21	0.13	3.8	3.4	1.7			
				1030			42			179					
				3243			131			556					
				9.7			0.40			4.5					
2.2	0.39	0.23	0.088	1439	262	1.3	56	12	0.57	311	58	1.1			2
0.85	-	-	-	4661	980	1.9	179	40	1.9	1011	215	1.9			
1.0	0.51	0.13	0.065	2787	-	-	151	21	0.57	1071	144	2.9			
				2837			146			1010					
1.4	0.50	0.25	0.16	37544	6057	145	1805	471	101	11035	1947	56			1
2.5	-	-	-	50	8.3	0.24	3.0	0.81	0.20	21	3.7	0.20			
1.9	0.75	0.14	0.067	12	-	-	0.63	0.29	0.18	4.5	4.0	2.1			
				1909			92			563					
1.5	1.1	0.41	0.24	20166	3281	104	1101	312	79	5896	1086	79			1
2.1	-	-	-	1.4	0.46	0.20	0.095	0.11	0.086	0.64	0.30	0.17			
2.1	0.60	0.12	0.049	2.2	-	-	0.12	0.19	0.11	0.93	2.9	1.6			
				1053			58			308					
0.78	0.87	0.38	0.24	3304	868	5.6	145	43	1.9	1074	286	3.6			1
2.2	-	-	-	2.7	0.68	0.21	0.12	0.12	0.079	1.4	0.44	0.15			
2.1	0.56	0.11	0.048	4.7	-	-	0.26	0.14	0.13	0.89	2.8	1.6			
				145			6.4			47					
4.1	0.0090	0.070	0.21	2599	463	1.7	89	18	1.1	370	68	1.1			1
8.2	-	-	-	0.73	0.31	0.19	0.029	0.058	0.080	0.29	0.19	0.15			
2.2	0.16	0.10	0.089	10	-	-	0.31	0.21	0.12	-0.40	9.6	2.1			
				178			6.1			24					
0.81	0.18	0.15	0.082	11874	2919	4.8	403	103	1.6	1574	391	1.6			1
2.0	-	-	-	0.70	0.33	0.25	0.069	0.11	0.22	0.38	0.25	0.25			
2.1	0.093	0.065	0.070	2.4	-	-	0.12	0.11	0.057	1.4	2.5	1.3			
				585			20			78					
0.88	0.19	0.18	0.24	36426	5775	82	1267	346	82	5657	1056	46			1
1.8	-	-	-	1.6	0.53	0.28	0.033	0.066	0.091	0.33	0.21	0.091			
1.9	0.11	0.065	0.073	29	-	-	1.6	0.37	0.11	13	4.0	0.63			
				1374			48			221					
1.2	0.24	0.21	0.28	1523	257	1.1	50	9.9	0.39	205	36	0.61			1
2.0	-	-	-	8.6	1.6	0.28	0.34	0.20	0.15	1.5	0.46	0.20			
2.0	0.32	0.098	0.052	39	-	-	2.1	0.41	0.15	14	4.1	0.87			
				120			4.7			23					
1.3	1.4	0.50	0.10	4481	949	2.2	165	38	1.0	650	141	2.2			1
1.7	-	-	-	0.60	0.29	0.17	0.032	0.062	0.086	0.19	0.16	0.20			
1.2	0.18	0.096	0.073	0.53	-	-	0.028	0.14	0.077	0.32	2.7	1.6			

