

North American Soil Geochemical Landscapes Project

Soil Gas Radon Data

#	Site ID	Probe # ->	Probe Depth (m)								Volume of syringe pull (ml/ml)								Sample Volume (ml)								1
			1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
1	NB071001		0.68	0.50	0.61	0.76	0.59				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				33.6
2	NB071002		0.66	0.60	0.68	0.68	0.78				150/150	100/60	150/125	150/135	50/20				150	145	150	150	140				13.1
3	NB071003		0.67	0.74	0.70	0.56	0.53				150/150	150/150	150/150	150/150	150/140				150	150	150	150	150				52.7
4	NB071004		0.65	0.50	0.50	0.51	0.51				150/120	150/150	150/140	150/150	150/150					150		150	150	150			
5	NB071005		0.77	0.80	0.73	0.79	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				89.3
6	NB071007		0.80	0.61	0.55	0.53	0.80					150/100		150/125						150		150					
7	NB071009		0.72	0.55	0.53	0.54	0.50				100/70	130/90	150/140	150/120	100/50				150	150	150	150	140				0.0
8	NB071010		0.80	0.72	0.49	0.80	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				23.0
9	NB071011		0.74	0.67	0.67	0.53	0.80				50/0	100/1	150/15	150/20	150/5				95	90		130					0.0
10	NB071012		0.80	0.80	0.80	0.80	0.80				70/30	150/150	150/40	150/90	150/45				150	150	150	150	145				46.6
11	NB071013		0.80	0.55	0.80	0.80	0.70				150/150	150/150	150/150	150/150	150/150				150	100	150	150	150				22.6
12	NB071014		0.50	0.63	0.50	0.57	0.69				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				36.0
13	NB071015		0.80	0.80		0.68	0.80				100/40	150/40		150/45					100	150		130					11.3
14	NB071016		0.70	0.60	0.75	0.63	0.58				150/150	150/150	150/140	150/85	150/150				150	150	150	150	150				9.0
15	NB071017		0.41	0.60	0.61	0.50					150/150	150/150	150/150	150/150					150	150	150	150	150				8.9
16	NB071018		0.80	0.60	0.57	0.60	0.75				150/55	150/30	150/35	150/150	150/10				150	115	150	150	150				140.0
17	NB071019		0.80	0.80	0.80	0.80	0.80				150/130	150/150	150/150	150/150	150/150				150	150	150	150	150				21.0
18	NB071020		0.72	0.70	0.60	0.80	0.60	0.72			150/150	150/150	150/150	150/150	150/15	150/150			150	150	150	150	150	150			0.0
19	NB071021		0.71	0.73	0.73	0.72	0.68				150/150	150/60	150/125	150/80	150/150				150	150	150	150	150				157.0
20	NB071022		0.66	0.80	0.80	0.80	0.80				150/150	150/150	150/145	150/150	150/110				150	150	150	150	150				22.4
21	NB071023		0.80	0.75	0.80	0.80	0.70				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				11.0
22	NB071024		0.70	0.80	0.80	0.80	0.80				150/130	150/100	150/5	150/10	150/40				150	150	150	150	150				32.3
23	NB071025		0.80	0.80	0.80	0.80	0.80				150/20	150/150	150/150	150/150	150/150				150	150	150	150	150				0.0
24	NB071027		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				17.6
25	NB071028		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				26.1
26	NB071029		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/150	150/130	150/150				150	150	150	150	150				37.0
27	NB071030		0.80	0.80	0.80	0.80	0.80				150/5	150/10	150/30	150/30	150/10				150	150	150	150	150				0.3
28	NB071031		0.77	0.75	0.63	0.80	0.75				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				16.9
29	NB071032		0.80	0.65	0.60	0.60	0.80				150/150	150/100	150/105	150/40	150/25				150	150	150	150	150				49.1
30	NB071033		0.80	0.80	0.80	0.80	0.80				150/30	150/5	150/10	150/10	150/10				150	150	150	150	150				28.0
31	NB071034		0.80	0.75	0.80	0.80	0.80				150/65	150/150	150/90	150/150	150/150				150	150	150	150	150				26.7
32	NB071035		0.50	0.70	0.50	0.80	0.55				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				3.2
33	NB071036		0.80	0.80	0.60	0.80	0.80				150/70	150/30	150/150	150/50	150/40				150	150	150	150	150				18.6
34	NB071037		0.80	0.80	0.80	0.80	0.80				150/100	150/110			150/90				150	150			150				2.6
35	NB071038																										
36	NB071039		0.80	0.80	0.80	0.80	0.80				150/30	150/10	150/5	150/5	150/10				150	150	150	150	150				150.0
37	NB071040		0.80	0.54	0.67	0.60	0.50				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				104.0
38	NB071041		0.65	0.80	0.68	0.73	0.67				150/80	150/10	150/5	150/35	150/135				150	150	150	150	150				23.0
39	NB071042		0.70	0.60	0.80	0.80	0.80				150/45	150/105	150/120	150/85	150/75				150	150	150	150	150				1.5
40	NB071043		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				15.2
41	NB071044		0.65	0.54	0.53	0.72	0.68				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				34.1
42	NB071045		0.80	0.55	0.62	0.70	0.72				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				25.9
43	NB071046		0.80	0.80	0.80	0.80	0.80				150/100	150/150	150/10	150/50	150/150				150	150	140	150					34.0
44	NB071047		0.80	0.80	0.80	0.80	0.80	0.80			150/110	150/40	150/150	150/150	150/40	150/150			130	130	150	100					0.3
45	NB071048		0.75	0.80	0.80	0.80	0.80				150/150	150/150	150/90	150/130	150/20				150	150	150	150	150				36.5
46	NB071049		0.80	0.72	0.80	0.80	0.80				150/50	150/150	150/150	150/140	150/30				150	150	150	150	150				72.0
47	NB071050		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				22.8
48	NB071051		0.80	0.80	0.80	0.80	0.80				150/70	150/20	150/150	150/150	150/50				150	150	150	150	150				63.3
49	NB071052		0.80	0.80	0.80	0.80	0.80				150/110	150/150	150/150	150/150	150/150				150	150	150	150	150				19.4
50	NB071054		0.70	0.80	0.80	0.80	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				20.3
51	NB071055		0.65	0.65	0.68	0.65	0.80				150/55	150/150	150/125	150/150	150/110				150	150	150	125	150				0.0
52	NB071056		0.57	0.51	0.50	0.50	0.52				150/140	150/100	150/50	150/150	150/150				150	150	150	150	150				7.8

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Soil Gas Radon Data

#	Site ID	Radon (kBq/m3) - Measured							Volume corrected soil gas radon concentration (kBq/m3)								Radon (kBq/m3)				
		2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	Average	Average (values >0.7)	Minimum	Median	Maximum
1	NB071001	35.2	18.9	38.2	13.9				33.6	35.2	18.9	38.2	13.9				28.0	28.0	13.9	33.6	38.2
2	NB071002	8.4	63.5	64.8	0.5				13.1	8.7	63.5	64.8	0.4				30.1	37.5	0.5	13.1	64.8
3	NB071003	49.1	49.3	12.2	58.0				52.7	49.1	49.3	12.2	58.0				44.3	44.3	12.2	49.3	58.0
4	NB071004	117.0		40.5	29.3					117.0		40.5	29.3				62.3	62.3	29.3	40.5	117.0
5	NB071005	59.9	51.6	56.5	50.3				89.3	59.9	51.6	56.5	50.3				61.5	61.5	50.3	56.5	89.3
6	NB071007	0.2		30.7						0.4		30.7					15.5	30.7	0.4	15.5	30.7
7	NB071009	1.1	21.4	38.9	1.9				0.4	1.1	21.4	38.9	2.0				12.8	15.9	0.4	2.0	38.9
8	NB071010	15.5	12.7	25.1	38.9				23.0	15.5	12.7	25.1	38.9				23.0	23.0	12.7	23.0	38.9
9	NB071011	0.0							0.4	0.4							0.4		0.4	0.4	0.4
10	NB071012	36.9	31.0	50.5	71.1				46.6	36.9	31.0	50.5	73.6				47.7	47.7	31.0	46.6	73.6
11	NB071013	11.5	22.3	16.5	21.1				22.6	17.3	22.3	16.5	21.1				20.0	20.0	16.5	21.1	22.6
12	NB071014	20.2	28.9	25.1	33.9				36.0	20.2	28.9	25.1	33.9				28.8	28.8	20.2	28.9	36.0
13	NB071015	3.6		5.1					17.0	3.6		5.9					8.8	8.8	3.6	5.9	17.0
14	NB071016	10.3	31.8	7.7	13.6				9.0	10.3	31.8	7.7	13.6				14.5	14.5	7.7	10.3	31.8
15	NB071017	33.4	37.3	23.1					8.9	33.4	37.3	23.1					25.7	25.7	8.9	28.3	37.3
16	NB071018	65.0	0.7	84.4	4.0				140.0	84.8	0.7	84.4	4.0				62.8	62.8	0.7	84.4	140.0
17	NB071019	16.1	26.8	11.4	5.2				21.0	16.1	26.8	11.4	5.2				16.1	16.1	5.2	16.1	26.8
18	NB071020	0.0	0.0	0.0	0.0	16.4			0.4	0.4	0.4	0.4	0.4	16.4			3.0	16.4	0.4	0.4	16.4
19	NB071021	41.1	146.0	0.0	9.0				157.0	41.1	146.0	0.4	9.0				70.7	88.3	0.4	41.1	157.0
20	NB071022	38.8	16.1	25.5	30.1				22.4	38.8	16.1	25.5	30.1				26.6	26.6	16.1	25.5	38.8
21	NB071023	21.1	23.2	14.8	38.4				11.0	21.1	23.2	14.8	38.4				21.7	21.7	11.0	21.1	38.4
22	NB071024	92.0	0.3	29.4	12.1				32.3	92.0	0.3	29.4	12.1				33.2	33.2	0.3	29.4	92.0
23	NB071025	39.9	31.4	18.2	72.2				0.4	39.9	31.4	18.2	72.2				32.4	40.4	0.4	31.4	72.2
24	NB071027	18.5	19.2	17.0	14.9				17.6	18.5	19.2	17.0	14.9				17.4	17.4	14.9	17.6	19.2
25	NB071028	24.2	52.7	39.4	54.7				26.1	24.2	52.7	39.4	54.7				39.4	39.4	24.2	39.4	54.7
26	NB071029	33.2	20.3	46.8	25.1				37.0	33.2	20.3	46.8	25.1				32.5	32.5	20.3	33.2	46.8
27	NB071030	0.0	0.0	0.0	0.0				0.4	0.4	0.4	0.4	0.4				0.4	0.4	0.4	0.4	0.4
28	NB071031	16.7	2.2	20.1	23.9				16.9	16.7	2.2	20.1	23.9				16.0	16.0	2.2	16.9	23.9
29	NB071032	56.2	20.9	23.6	25.9				49.1	56.2	20.9	23.6	25.9				35.1	35.1	20.9	25.9	56.2
30	NB071033	5.1	0.0	14.0	4.9				28.0	5.1	0.4	14.0	4.9				10.5	13.0	0.4	5.1	28.0
31	NB071034	14.5	26.5	8.1	37.4				26.7	14.5	26.5	8.1	37.4				22.6	22.6	8.1	26.5	37.4
32	NB071035	5.5	6.9	8.5	2.8				3.2	5.5	6.9	8.5	2.8				5.4	5.4	2.8	5.5	8.5
33	NB071036	1.8	8.2	6.5	10.2				18.6	1.8	8.2	6.5	10.2				9.1	9.1	1.8	8.2	18.6
34	NB071037	0.1			0.0				2.6	0.4			0.4				1.1	2.6	0.4	0.4	2.6
35	NB071038																				
36	NB071039	1.9	0.7	0.5	86.6				150.0	1.9	0.7	0.4	86.6				47.9	59.8	0.4	1.9	150.0
37	NB071040	69.5	47.8	64.8	118.0				104.0	69.5	47.8	64.8	118.0				80.8	80.8	47.8	69.5	118.0
38	NB071041	1.5	1.0	32.0	6.3				23.0	1.5	1.0	32.0	6.3				12.8	12.8	1.0	6.3	32.0
39	NB071042	36.5	46.8	31.0	12.4				1.5	36.5	46.8	31.0	12.4				25.6	25.6	1.5	31.0	46.8
40	NB071043	14.5	8.8	26.1	19.7				15.2	14.5	8.8	26.1	19.7				16.9	16.9	8.8	15.2	26.1
41	NB071044	9.0	6.1	15.1	54.4				34.1	9.0	6.1	15.1	54.4				23.7	23.7	6.1	15.1	54.4
42	NB071045	7.4	32.6	31.8	46.6				25.9	7.4	32.6	31.8	46.6				28.9	28.9	7.4	31.8	46.6
43	NB071046	36.4	0.6	10.1					34.0	36.4	0.4	10.1					20.2	26.8	0.4	22.1	36.4
44	NB071047	0.1	20.6	43.1	1.0	0.1			0.4	0.4	20.6	64.7	1.0	0.4			14.6	28.8	0.4	0.7	64.7
45	NB071048	19.8	8.2	0.3	0.6				36.5	19.8	8.2	0.4	0.6				13.1	16.3	0.4	8.2	36.5
46	NB071049	26.9	66.2	62.4	0.0				72.0	26.9	66.2	62.4	0.4				45.5	56.9	0.0	62.4	72.0
47	NB071050	23.0	20.9	18.8	25.7				22.8	23.0	20.9	18.8	25.7				22.2	22.2	18.8	22.8	25.7
48	NB071051	0.9	61.6	59.3	12.4				63.3	0.9	61.6	59.3	12.4				39.5	39.5	0.9	59.3	63.3
49	NB071052	12.2	9.9	17.6	12.8				19.4	12.2	9.9	17.6	12.8				14.4	14.4	9.9	12.8	19.4
50	NB071054	37.3	27.6	22.0	44.7				20.3	37.3	27.6	22.0	44.7				30.4	30.4	20.3	27.6	44.7
51	NB071055	0.0	1.5	0.0	0.0				0.4	0.4	1.5	0.4	0.4				0.6	1.5	0.4	0.4	1.5
52	NB071056		1.0	3.2	3.6				7.8		1.0	3.2	3.6				3.9	3.9	1.0	3.4	7.8

North American Soil Geochemical Landscapes Project

Soil Gas Radon Data

#	Site ID	Probe # ->	Probe Depth (m)								Volume of syringe pull (ml/ml)								Sample Volume (ml)								1
			1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
53	NB072001		0.76	0.80	0.64	0.80	0.55				150/150	150/150	150/150	150/150	150/150				150	150	150	150	160				14.9
54	NB072002		0.80	0.80	0.80	0.60	0.80				150/water	150/5 water	110/10	150/water	150/30				n/a	150	150	n/a	150				n/a
55	NB072003		0.80	0.80	0.80	0.80	0.80				150/150	150/140	90/10	150/150	150/60				150	150	145	150	105				41.8
56	NB072004		0.51	0.53	0.51	0.53	0.52				150/150	150/150	150/150	150/150	150/150				150	155	150	150	150				44.9
57	NB072005		0.54	0.54	0.57	0.51	0.54				150/water	150/140	150/140	150/150	150/35 water				n/a	135	150	150	n/a				n/a
58	NB072006		0.58	0.52	0.58	0.51	0.52				150/125	150/130	150/145	150/145	150/5				150	150	115	150	140				93.2
59	NB072007		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	155				35.8
60	NB072009		0.80	0.80	0.80	0.77	0.80				150/130	150/20	150/water	150/water	150/80				150	60	n/a	n/a	150				44.0
61	NB072010		0.80	0.55	0.80	0.80	0.44				150/150	150/150	150/85	150/90	150/150				150	150	150	150	150				80.4
62	NB072011		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/150	150/150	150/150				150	150	155	150	150				30.6
63	NB072012		0.60	0.50	0.74	0.75	0.60				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				27.3
64	NB072013		0.60	0.65	0.50	0.55	0.66				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				75.7
65	NB072014		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/140	150/150	150/150				150	150	150	150	150				7.1
66	NB072015		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/150	150/140	150/150				150	150	150	150	150				22.2
67	NB072016		0.80	0.80	0.80	0.80	0.54				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				12.2
68	NB072017		0.80	0.75	0.68	0.75	0.75				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				6.4
69	NB072018		0.78	0.76	0.70	0.70	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				15.6
70	NB072019		0.80	0.60	0.60	0.70	0.70				150/150	150/150	150/10	150/water	150/150				150	150	150	n/a	150				13.8
71	NB072020		0.60	0.80	0.80	0.75	0.70				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				33.6
72	NB072021		0.80	0.80	0.80	0.80	0.80	0.80	0.80		150/15 water	150/50	150/2	150/50 water	150/5	150/20 water	150/50		n/a	n/a	150	n/a	150	n/a	140		n/a
73	NB072022		0.50	0.80	0.80	0.60	n/a				150/150	150/10	150/10	150/10	n/a				150	150	150	150	n/a				0.0
74	NB072023		0.80	0.80	0.80	0.80	0.80	0.80			150/40	150/10	150/35	150/35	150/20	150/10			150	100	135	150	150	150			0.3
75	NB072024		0.60	0.55	0.60	0.58	0.60				150/150	150/140	150/150	150/150	150/40				150	150	150	150	150	150			14.9
76	NB072026		0.69	0.80	0.56	0.80	0.59				150/140	140/water	150/150	150/140	150/150				150	n/a	150	150	150				26.1
77	NB072027		0.80	0.80	0.80	0.80	0.80				150/5	150/20	150/25	150/40	150/5				135	150	150	150	145				0.2
78	NB072028		0.80	0.80	0.80	0.80	0.80	0.80			150/20	150/10	150/20	150/50	150/10	150/150			150	150	150	150	150	150			0.0
79	NB072029		0.80	0.69	0.80	0.63	0.75				150/10	150/35	150/5	150/150	150/100				150	150	140	150	150				1.9
80	NB072030		0.80	0.73	0.77	0.80	0.79				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				4.2
81	NB072031		0.80	0.80	0.80	0.80	0.80				150/10	150/water	150/10	150/05	150/05				150	n/a	110	110	150				0.0
82	NB072032		0.80	0.79	0.80	0.80	0.80				150/150	150/30	150/100	150/25	150/20				150	150	150	150	150				34.0
83	NB072033		0.80	0.80	0.73	0.80	0.80				150/150	150/130	150/115	150/20	150/150				150	150	150	150	150				38.1
84	NB072034		0.74	0.54	0.69	0.71	0.61				150/150	150/150	150/150	150/85	150/150				150	150	150	150	150				17.0
85	NB072035		0.80	0.80	0.62	0.62	0.80				150/150	150/150	150/150	150/150	150/100				150	150	150	150	150				43.6
86	NB072036		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				13.0
87	NB072037		0.80	0.80	0.80	0.80	0.80				150/150	150/145	150/150	150/150	150/150				150	150	150	150	150				25.9
88	NB072038		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/150	150/150	150/145				150	150	150	150	150				19.0
89	NB072039		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/150	150/water	150/water				150	150	150	n/a	n/a				26.7
90	NB072040		0.80	0.80	0.71	0.80	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				12.7
91	NB072041		0.80	0.80	0.80	0.59	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				12.3
92	NB072042		0.80	0.80	0.80	0.80	0.80				150/110	150/150	150/70	150/130	150/20				150	150	150	150	150				89.0
93	NB072043		0.80	0.80	0.80	0.80	0.69				150/140	150/95	150/130	150/100	150/150				150	150	150	150	150				48.7
94	NB072044		0.80	0.80	0.80	0.80	0.55				150/150	150/130	150/90	150/150	150/120				150	150	150	150	150				27.3
95	NB072045		0.70	0.70	0.80	0.80	0.80				150/150	150/60	150/150	150/150	150/150				150	150	150	150	150				22.3
96	NB072046		0.80	0.70	0.80	0.80	0.80				150/120	150/150	150/50	150/50	150/10				150	150	150	150	150				0.0
97	NB072047		0.75	0.80	0.80	0.80	0.80	0.80	0.80	0.80	150/30	150/130	150/10	150/65	150/70	150/100	150/140	150/10	150	150	145	150	150	150	150	150	36.5
98	NB072048		0.80	0.80	0.80	0.58	0.80				150/00	150/130	150/50	150/150	150/40				150	150	150	150	150				11.4
99	NB072050		0.80	0.80	0.80	0.60	0.80				150/10	150/60	150/10	150/150	150/10				150	150	150	150	150				0.0
100	NB072051		0.73	0.80	0.80	0.72	0.80				150/60	150/20	150/150	150/150	150/50				150	150	150	150	150				19.0
101	NB072052		0.80	0.80	0.80	0.80	0.80	0.80	0.80		150/30	150/20	150/10	150/130	150/10	150/40	150/20		150	150	150	150	150	150	150		1.1
102	NB072053		0.80	0.51	0.62	0.80	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				16.1
103	NB072054		0.76	0.80	0.80	0.80	0.80				150/75	150/80	150/10	150/40	150/150				150	150	150	150	150				19.5
104	NB072055		0.68	0.78	0.80	0.80	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	80	150				17.0

North American Soil Geochemical Landscapes Project

Soil Gas Radon Data

#	Site ID	Radon (kBq/m3) - Measured							Volume corrected soil gas radon concentration (kBq/m3)								Radon (kBq/m3)				
		2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	Average	Average (values >0.7)	Minimum	Median	Maximum
53	NB072001	19.3	20.7	35.5	13.5				14.9	19.3	20.7	35.5	12.7				20.6	20.6	12.7	19.3	35.5
54	NB072002	1.8	102.0	n/a	30.9					1.8	102.0		30.9				44.9	44.9	1.8	30.9	102.0
55	NB072003	80.7	0.0	81.9	1.3				41.8	80.7	0.4	81.9	1.9				41.3	51.6	0.4	41.8	81.9
56	NB072004	n/a	95.6	109.0	71.8				44.9		95.6	109.0	71.8				80.3	80.3	44.9	83.7	109.0
57	NB072005	0.1	72.7	15.1	n/a					0.4	72.7	15.1					29.4	43.9	0.4	15.1	72.7
58	NB072006	77.4	1.3	24.5	0.0				93.2	77.4	1.7	24.5	0.4				39.4	49.2	0.4	24.5	93.2
59	NB072007	35.9	42.2	52.4	47.4				35.8	35.9	42.2	52.4	45.9				42.4	42.4	35.8	42.2	52.4
60	NB072009	8.4	n/a	n/a	52.7				44.0	21.0			52.7				39.2	39.2	21.0	44.0	52.7
61	NB072010	50.2	21.5	47.6	8.5				80.4	50.2	21.5	47.6	8.5				41.6	41.6	8.5	47.6	80.4
62	NB072011	18.0	51.2	26.4	19.5				30.6	18.0	49.5	26.4	19.5				28.8	28.8	18.0	26.4	49.5
63	NB072012	49.5	121.0	59.7	68.1				27.3	49.5	121.0	59.7	68.1				65.1	65.1	27.3	59.7	121.0
64	NB072013	112.0	106.0	n/a	168.0				75.7	112.0	106.0		168.0				115.4	115.4	75.7	109.0	168.0
65	NB072014	15.1	16.5	37.6	43.0				7.1	15.1	16.5	37.6	43.0				23.9	23.9	7.1	16.5	43.0
66	NB072015	11.2	0.0	19.0	22.4				22.2	11.2	0.4	19.0	22.4				15.0	18.7	0.4	19.0	22.4
67	NB072016	16.3	4.8	10.2	5.9				12.2	16.3	4.8	10.2	5.9				9.9	9.9	4.8	10.2	16.3
68	NB072017	0.0	6.0	9.7	13.2				6.4	0.4	6.0	9.7	13.2				7.1	8.8	0.4	6.4	13.2
69	NB072018	9.2	15.9	13.6	14.3				15.6	9.2	15.9	13.6	14.3				13.7	13.7	9.2	14.3	15.9
70	NB072019	14.0	3.8	n/a	9.3				13.8	14.0	3.8		9.3				10.2	10.2	3.8	11.6	14.0
71	NB072020	28.5	32.0	27.3	17.4				33.6	28.5	32.0	27.3	17.4				27.8	27.8	17.4	28.5	33.6
72	NB072021	n/a	0.0	n/a	2.2	n/a	57.6				0.4		2.2		61.7		21.4	32.0	0.4	2.2	61.7
73	NB072022	0.0	0.0	0.1	n/a				0.4	0.4	0.4	0.4					0.4		0.4	0.4	0.4
74	NB072023	0.0	0.0	0.0	0.0	0.0			0.4	0.4	0.4	0.4	0.4	0.4		0.4	0.4		0.4	0.4	0.4
75	NB072024	4.7	6.5	19.3	11.7				14.9	4.7	6.5	19.3	11.7				11.4	11.4	4.7	11.7	19.3
76	NB072026	n/a	22.2	0.0	23.5				26.1		22.2	0.4	23.5				18.0	23.9	0.4	22.9	26.1
77	NB072027	0.0	1.0	0.0	0.0				0.4	0.4	1.0	0.4	0.4				0.5	1.0	0.4	0.4	1.0
78	NB072028	1.7	74.3	0.5	0.3	40.9			0.4	1.7	74.3	0.4	0.4	40.9			19.7	39.0	0.4	1.0	74.3
79	NB072029	19.3	0.0	28.5	0.6				1.9	19.3	0.4	28.5	0.6				10.1	12.6	0.4	1.9	28.5
80	NB072030	8.2	4.2	5.1	7.3				4.2	8.2	4.2	5.1	7.3				5.8	5.8	4.2	5.1	8.2
81	NB072031	n/a	12.1	5.7	2.8				0.4		16.5	7.8	2.8				6.9	9.0	0.4	5.3	16.5
82	NB072032	33.8	37.6	60.1	11.7				34.0	33.8	37.6	60.1	11.7				35.4	35.4	11.7	34.0	60.1
83	NB072033	49.0	35.3	20.6	41.3				38.1	49.0	35.3	20.6	41.3				36.9	36.9	20.6	38.1	49.0
84	NB072034	18.0	12.3	39.7	14.3				17.0	18.0	12.3	39.7	14.3				20.3	20.3	12.3	17.0	39.7
85	NB072035	38.4	14.8	17.4	17.0				43.6	38.4	14.8	17.4	17.0				26.2	26.2	14.8	17.4	43.6
86	NB072036	20.9	29.3	8.4	27.0				13.0	20.9	29.3	8.4	27.0				19.7	19.7	8.4	20.9	29.3
87	NB072037	17.8	25.1	28.9	23.1				25.9	17.8	25.1	28.9	23.1				24.2	24.2	17.8	25.1	28.9
88	NB072038	21.7	29.8	12.1	13.4				19.0	21.7	29.8	12.1	13.4				19.2	19.2	12.1	19.0	29.8
89	NB072039	23.8	30.2	n/a					26.7	23.8	30.2						26.9	26.9	23.8	26.7	30.2
90	NB072040	18.1	13.8	22.2	14.3				12.7	18.1	13.8	22.2	14.3				16.2	16.2	12.7	14.3	22.2
91	NB072041	13.5	12.1	7.2	22.6				12.3	13.5	12.1	7.2	22.6				13.5	13.5	7.2	12.3	22.6
92	NB072042	79.4	67.7	21.1	16.4				89.0	79.4	67.7	21.1	16.4				54.7	54.7	16.4	67.7	89.0
93	NB072043	30.3	24.4	41.0	11.3				48.7	30.3	24.4	41.0	11.3				31.1	31.1	11.3	30.3	48.7
94	NB072044	33.2	43.2	18.6	16.7				27.3	33.2	43.2	18.6	16.7				27.8	27.8	16.7	27.3	43.2
95	NB072045	20.6	14.2	13.0	8.0				22.3	20.6	14.2	13.0	8.0				15.6	15.6	8.0	14.2	22.3
96	NB072046	27.4	65.3	79.7	43.5				0.4	27.4	65.3	79.7	43.5				43.3	54.0	0.4	43.5	79.7
97	NB072047	42.4	0.0	0.2	0.2	29.0	0.2	0.6	36.5	42.4	0.4	0.4	0.4	29.0	0.4	0.4	13.7	36.0	0.4	0.4	42.4
98	NB072048	67.6	66.4	18.4	9.7				11.4	67.6	66.4	18.4	9.7				34.7	34.7	9.7	18.4	67.6
99	NB072050	0.9	1.1	40.1	1.9				0.4	0.9	1.1	40.1	1.9				8.9	11.0	0.4	1.1	40.1
100	NB072051	2.7	28.5	34.5	27.4				19.0	2.7	28.5	34.5	27.4				22.4	22.4	2.7	27.4	34.5
101	NB072052	22.2	0.0	10.9	0.0	24.0	2.1		1.1	22.2	0.4	10.9	0.4	24.0	2.1		8.7	12.1	0.4	2.1	24.0
102	NB072053	6.7	7.7	17.7	20.6				16.1	6.7	7.7	17.7	20.6				13.8	13.8	6.7	16.1	20.6
103	NB072054	24.7	22.7	n/a	27.4				19.5	24.7	22.7		27.4				23.6	23.6	19.5	23.7	27.4
104	NB072055	6.1	7.6	4.8	17.0				17.0	6.1	11.4	9.0	17.0				12.1	12.1	6.1	11.4	17.0

North American Soil Geochemical Landscapes Project  
Soil Gas Radon Data

#	Site ID	Probe # ->	Probe Depth (m)								Volume of syringe pull (ml/ml)								Sample Volume (ml)								1
			1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
105	NB072056		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/150	150/150	150/150				150	150	150	150	110				9.6
106	NB072057		0.60	0.55	0.72	0.60	0.78				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				35.3
107	NB072058		0.80	0.80	0.80	0.80	0.80				150/40	150/150	150/90	150/150	150/120				150	150	150	50	150				58.6
108	NB072059		0.80	0.80	0.80	0.80	n/a				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				1.5
109	NB072060		0.70	0.80	0.80	0.50	0.50					150/150	150/60	150/150	150/150					150	150	150	150				17.2
110	NB072061		0.80	0.80	0.80	0.80	0.75				150/150	150/150	150/150	150/150	150/150				n/a	150	130	150	150				n/a
111	NB072062		0.80	0.80	0.68	0.68	0.70				150/10	150/150	150/150	150/150	150/150				150	150	100	150	150				41.8
112	NB072063		0.55	0.50	0.55	0.60	0.57				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				31.8
113	NB072064		0.80	0.80	0.80	0.80	0.80				150/150	150/150	150/90	150/150	150/150				150	150	150	150	150				29.3
114	NB072065		0.64	0.56	0.60	0.60	0.70				150/150	150/150	150/150	150/150	150/150				150	150	150	150	100				11.3
115	NB072066		0.80	0.65	0.80	0.80	0.50				150/5	150/110	150/35	150/20	150/150				150	150	150	150	150				1.0
116	NS071001		0.57	0.66	0.63	0.64	0.50				150/20	60/35	100/75	150/150	150/150				120	100	150	150	150				80.5
117	NS071002		0.67	0.60	0.68	0.67	0.62				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				51.8
118	NS071003		0.60	0.57	0.65	0.61	0.50				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				38.4
119	NS071004		0.71	0.50	0.56	0.56	0.63				100/60	150/150	100/60	150/50	150/80				130	150	150	150	150				1.6
120	NS071005		0.66	0.72	0.80	0.68	0.74				100/20	100/15	100/0	100/15	100/5				100	100	90	100	100				0.0
121	NS071006		0.69	0.61	0.72	0.66	0.71				100/15	100/5	100/15	100/15	100/10				150	150	150	150	150				0.3
122	NS071007		0.65	0.63	0.72	0.65	0.60				100/5	100/10	100/3	100/15	100/10				150	150	150	150	150				0.5
123	NS071008		0.70	0.71	0.59	0.80	0.66				100/10	100/10	150/150	100/10	100/20				150	150	150	150	150				0.0
124	NS071009		0.70	0.69	0.47	0.49	0.43				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				57.8
125	NS071010		0.62	0.62	0.57	0.54	0.61	0.62	0.57		100/5	100/35	150/150	100/45	100/5	100/35	150/150		150	150	150	150	150	150	150		0.3
126	NS071011		0.66	0.67	0.70	0.63	0.67				150/150	100/50	100/35	150/150	100/70				150	150	150	150	150		150		82.3
127	NS071012		0.74	0.66	0.65	0.65	0.68	0.74			150/150	150/150	150/150	150/150	150/150	150/150			150	150	150	150	150		150		0.0
128	NS071013		0.62	0.62	0.67	0.59	0.61				100/90	150/150	100/35	100/55	100/95				150	150	150	150	150				42.7
129	NS071014		0.71	0.73	0.57	0.53	0.74				100/15	150/150	150/150	150/150	150/150				150	150	150	150	150				19.3
130	NS071015		0.71	0.66	0.66	0.68	0.67				150/145	150/130	100/20	150/150	150/150				150	150	150	150	150				73.9
131	NS071016		0.66	0.50	0.55	0.56	0.54				100/55	100/10	100/15	100/35	100/20				150	150	150	150	150				0.2
132	NS071017		0.53	0.58	0.59	0.63	0.60	0.53			150/150	150/150	150/150	150/150	150/150	150/150			150	150	150	150	150		150		0.0
133	NS071019		0.61	0.60	0.58	0.57	0.53				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				11.7
134	NS071020		0.55	0.78	0.58	0.59	0.56				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				29.1
135	NS071021		0.62	0.57	0.58	0.59	0.72				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				32.8
136	NS071022		0.52	0.49	0.50	0.47	0.43				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				32.7
137	NS071023		0.74	0.81	0.74	0.74	0.78				150/30	150/30	100/10	150/150	100/5				150	150	150	150	150				29.1
138	NS071024		0.63	0.62	0.53	0.65	0.65				100/5	100/5	150/150	100/20	100/10				150	150	150	150	150				0.9
139	NS071025		0.67	0.69	0.69	0.67	0.60				100/35	100/10	100/10	100/2	100/5				150	150	150	150	150				35.5
140	NS071026																										
141	NS071027		0.58	0.55	0.60	0.61	0.70				150/130	100/40	150/150	150/60	150/150				150	150	150	150	150				55.7
142	NS071028		0.63	0.66	0.66	0.65	0.58								100/5								150				
143	NS071029		0.60	0.68	0.64	0.65	0.65				150/150	100/10	150/150	100/20	150/75				150	150	150	150	150				18.5
144	NS071030		0.33	0.34	0.34	0.41	0.42				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				3.0
145	NS071031		0.61	0.58	0.56	0.66	0.58				100/3	100/10	100/5	100/10	100/15				150	150	150	150	150				61.5
146	NS071032		0.72	0.59	0.63	0.56	0.65				150/100	150/110	150/130	150/150	150/130				150	150	150	150	150				24.5
147	NS071033		0.62	0.71	0.68	0.60	0.59				150/150	150/150	150/135	150/150	150/150				150	150	150	150	150				23.8
148	NS071034		0.68	0.65	0.66	0.67	0.66				100/5	100/15	100/5	100/5	100/5				150	150	150	150	150				2.6
149	NS071036		0.61	0.67	0.66	0.59	0.64				150/50	150/150	150/35	150/150	150/150				150	150	150	150	150				19.5
150	NS071037		0.41	0.48	0.61	0.49	0.50				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				1.9
151	NS071038		0.75	0.73	0.66	0.72	0.68				150/35	150/10	150/150	150/150	150/135				150	150	150	150	150				39.7
152	NS071039		0.65	0.58	0.62	0.62	0.57				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				38.4
153	NS071040		0.62	0.60	0.66	0.59	0.68				150/150	150/150	150/30	150/25	150/105				150	150	150	150	150				61.0
154	NS071041		0.40	0.40	0.49	0.50	0.50				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				19.2
155	NS071042		0.63	0.68	0.64	0.68	0.66				150/90	150/140	150/25	150/150	150/110				150	150	150	150	150				7.2
156	NS071043		0.65	0.66	0.70	0.80	0.75				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				14.5

North American Soil Geochemical Landscapes Project

Soil Gas Radon Data

#	Site ID	Radon (kBq/m3) - Measured							Volume corrected soil gas radon concentration (kBq/m3)								Radon (kBq/m3)				
		2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	Average	Average (values >0.7)	Minimum	Median	Maximum
105	NB072056	12.6	42.7	26.0	8.9				9.6	12.6	42.7	26.0	12.1				20.6	20.6	9.6	12.6	42.7
106	NB072057	39.9	25.1	28.2	20.3				35.3	39.9	25.1	28.2	20.3				29.8	29.8	20.3	28.2	39.9
107	NB072058	18.8	5.6	11.1	9.6				58.6	18.8	5.6	33.3	9.6				25.2	25.2	5.6	18.8	58.6
108	NB072059	6.8	11.3	16.8					1.5	6.8	11.3	16.8					9.1	9.1	1.5	9.1	16.8
109	NB072060	30.6	5.6	11.5	11.3				17.2	30.6	5.6	11.5	11.3				15.2	15.2	5.6	11.5	30.6
110	NB072061	11.1	77.7	41.8	65.8					11.1	89.7	41.8	65.8				52.1	52.1	11.1	53.8	89.7
111	NB072062	67.8	41.5	60.3	50.2				41.8	67.8	62.3	60.3	50.2				56.5	56.5	41.8	60.3	67.8
112	NB072063	13.9	17.8	16.3	14.0				31.8	13.9	17.8	16.3	14.0				18.8	18.8	13.9	16.3	31.8
113	NB072064	31.5	33.4	32.7	6.1				29.3	31.5	33.4	32.7	6.1				26.6	26.6	6.1	31.5	33.4
114	NB072065	9.9	17.7	6.8	9.2				11.3	9.9	17.7	6.8	13.8				11.9	11.9	6.8	11.3	17.7
115	NB072066	159.0	45.1	0.0	246.0				1.0	159.0	45.1	0.4	246.0				90.3	112.8	0.4	45.1	246.0
116	NS071001	24.6	24.9	32.0	9.8				100.6	36.9	24.9	32.0	9.8				40.8	40.8	9.8	32.0	100.6
117	NS071002	33.2	46.6	38.8	28.8				51.8	33.2	46.6	38.8	28.8				39.8	39.8	28.8	38.8	46.6
118	NS071003	32.2	32.3	27.8	18.4				38.4	32.2	32.3	27.8	18.4				29.8	29.8	18.4	32.2	38.4
119	NS071004	52.8	87.9	38.0	38.9				1.8	52.8	87.9	38.0	38.9				43.9	43.9	1.8	38.9	87.9
120	NS071005	0.0	0.0	0.0	0.0				0.4	0.4	0.4	0.4	0.4				0.4		0.4	0.4	0.4
121	NS071006	0.0	0.0	0.0	0.0				0.4	0.4	0.4	0.4	0.4				0.4		0.4	0.4	0.4
122	NS071007	0.1	0.0	0.6	0.0				0.4	0.4	0.4	0.4	0.4				0.4		0.4	0.4	0.4
123	NS071008	0.0	23.4	0.0	55.5				0.4	0.4	23.4	0.4	55.5				16.0	39.5	0.4	0.4	55.5
124	NS071009	170.0	90.4	5.2	118.0				57.8	170.0	90.4	5.2	118.0				88.3	88.3	5.2	90.4	170.0
125	NS071010	112.0	45.9	0.0	0.0	128.0	39.3		0.4	112.0	45.9	0.4	0.4	128.0	39.3		46.6	81.3	0.4	39.3	128.0
126	NS071011	78.6	0.0	83.9	55.2				82.3	78.6	0.4	83.9	55.2				60.0	75.0	0.0	78.6	83.9
127	NS071012	36.4	23.6	22.6	26.3	73.5			0.4	36.4	23.6	22.6	26.3	73.5			30.5	36.5	0.4	25.0	73.5
128	NS071013	19.3	63.3	39.5	26.7				42.7	19.3	63.3	39.5	26.7				38.3	38.3	19.3	39.5	63.3
129	NS071014	41.9	27.2	11.1	32.4				19.3	41.9	27.2	11.1	32.4				26.4	26.4	11.1	27.2	41.9
130	NS071015	61.6	0.0	63.2	72.4				73.9	61.6	0.4	63.2	72.4				54.3	67.8	0.4	63.2	73.9
131	NS071016	0.5	133.0	0.3	0.6				0.4	0.4	133.0	0.4	0.4				26.9	133.0	0.4	0.4	133.0
132	NS071017	8.1	0.0	10.6	5.6	5.5			0.4	8.1	0.4	10.6	5.6	5.5			5.1	7.5	0.4	5.6	10.6
133	NS071019	21.3	4.3	10.7	10.7				11.7	21.3	4.3	10.7	10.7				11.7	11.7	4.3	10.7	21.3
134	NS071020	19.0	29.7	21.3	17.2				29.1	19.0	29.7	21.3	17.2				23.3	23.3	17.2	21.3	29.7
135	NS071021	11.4	38.2	24.9	20.5				32.8	11.4	38.2	24.9	20.5				25.6	25.6	11.4	24.9	38.2
136	NS071022	7.2	84.1	29.9	22.6				32.7	7.2	84.1	29.9	22.6				35.3	35.3	7.2	29.9	84.1
137	NS071023	2.6	38.2	19.0	0.0				29.1	2.6	38.2	19.0	0.4				17.9	22.2	0.4	19.0	38.2
138	NS071024	32.7	0.7	0.1	0.5				0.9	32.7	0.7	0.4	0.4				7.0	11.4	0.4	0.7	32.7
139	NS071025	0.6	1.5	0.1	5.9				35.5	0.4	1.5	0.4	5.9				8.7	14.3	0.4	1.5	35.5
140	NS071026																				
141	NS071027	37.7	49.4	34.7	17.6				55.7	37.7	49.4	34.7	17.6				39.0	39.0	17.6	37.7	55.7
142	NS071028				44.9								44.9				44.9	44.9	44.9	44.9	44.9
143	NS071029	51.5	12.1	38.4	63.7				18.5	51.5	12.1	38.4	63.7				36.8	36.8	12.1	38.4	63.7
144	NS071030	3.1	3.4	2.6	5.5				3.0	3.1	3.4	2.6	5.5				3.5	3.5	2.6	3.1	5.5
145	NS071031	1.8	1.0	4.3	0.3				61.5	1.8	1.0	4.3	0.4				13.8	17.2	0.4	1.8	61.5
146	NS071032	96.1	40.6	15.9	17.2				24.5	96.1	40.6	15.9	17.2				38.9	38.9	15.9	24.5	96.1
147	NS071033	28.2	27.0	9.7	34.4				23.8	28.2	27.0	9.7	34.4				24.6	24.6	9.7	27.0	34.4
148	NS071034	53.0	3.4	7.7	0.1				2.6	53.0	3.4	7.7	0.4				13.4	16.7	0.4	3.4	53.0
149	NS071036	24.2	15.3	19.3	16.3				19.5	24.2	15.3	19.3	16.3				18.9	18.9	15.3	19.3	24.2
150	NS071037	2.4	10.5	4.4	2.4				1.9	2.4	10.5	4.4	2.4				4.3	4.3	1.9	2.4	10.5
151	NS071038	12.7	15.5	60.1	46.1				39.7	12.7	15.5	60.1	46.1				34.8	34.8	12.7	39.7	60.1
152	NS071039	18.1	47.3	32.2	0.0				38.4	18.1	47.3	32.2	0.4				27.3	34.0	0.4	32.2	47.3
153	NS071040	77.4	11.3	42.3	50.1				61.0	77.4	11.3	42.3	50.1				48.4	48.4	11.3	50.1	77.4
154	NS071041	9.9	15.5	13.8	24.5				19.2	9.9	15.5	13.8	24.5				16.6	16.6	9.9	15.5	24.5
155	NS071042	41.8	27.8	3.5	46.1				7.2	41.8	27.8	3.5	46.1				25.3	25.3	3.5	27.8	46.1
156	NS071043	13.4	15.7	50.9	24.2				14.5	13.4	15.7	50.9	24.2				23.7	23.7	13.4	15.7	50.9

North American Soil Geochemical Landscapes Project

Soil Gas Radon Data

#	Site ID	Probe # ->	Probe Depth (m)								Volume of syringe pull (ml/ml)								Sample Volume (ml)								1
			1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
157	NS071044		0.70	0.58	0.63	0.63	0.66				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				15.2
158	NS071045		0.62	0.64	0.68	0.62	0.66				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				7.3
159	NS071046		0.65	0.60	0.50	0.62	0.61				150/150	150/150	150/95	150/150	150/150				150	150	150	150	150				0.0
160	NS071047		0.59	0.61	0.66	0.64	0.66				150/70	150/50	150/15	150/60	150/65				150	150	150	150	150				41.8
161	NS071048		0.60	0.71	0.46	0.47	0.41				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				1.8
162	NS071049		0.59	0.64	0.62	0.63	0.60				150/150	150/150	150/150	150/150	150/35				150	150	150	150	150				7.3
163	NS071050		0.80	0.80	0.80	0.80	0.65				150/130	150/90	150/100	150/65	150/150				150	150	150	150	150				17.0
164	NS071052		0.53	0.64	0.52	0.51	0.55				150/150	150/150	150/150	150/30	150/150				150	150	150	150	150				13.5
165	NS071053		0.00	0.00	0.00	0.00	0.00																				
166	NS071054		0.65	0.58	0.66	0.64	0.66				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				24.5
167	NS071055		0.64	0.60	0.72	0.69	0.68				150/150	150/150	150/150	150/135	150/150				150	150	150	150	150				11.3
168	NS071056		0.70	0.60	0.67	0.71	0.81				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				8.4
169	NS071057		0.59	0.67	0.64	0.56	0.59				150/150	150/45	150/150	150/150	150/150				150	150	150	150	150				40.6
170	PE071001		0.74	0.64	0.64	0.62	0.64				150/150	40/10	150/150	150/150	150/150				150	150	150	150	150				20.5
171	PE071002		0.75	0.57	0.68	0.71	0.72				150/150	150/150	150/130	50/15	100/70				150	150	150	150	150				9.7
172	PE071003		0.67	0.50	0.45	0.71	0.50				50/30	150/150	50/00	100/70	50/05				150	150	100	150	150				16.4
173	PE071004		0.68	0.70	0.60	0.74	0.47				150/140	150/140	150/150	150/150	150/70				150	150	150	150	150				12.3
174	PE071005		0.50	0.65	0.49	0.58	0.70				150/150	150/115	150/150	150/140	100/70				150	150	150	150	150				24.8
175	PE071006		0.67	0.52	0.66	0.67	0.72				100/70	150/100	50/10	100/10	100/35				150	150	100	110	150				28.4
176	PE071007		0.80	0.63	0.65	0.68	0.78				150/150	150/150	150/125	150/150	100/65				150	150	150	150	150				38.9
177	PE071008		0.78	0.76	0.62	0.71	0.72				150/150	150/150	150/150	150/150	150/150				150	150	150	150	150				17.4
178	PE071009		0.60	0.53	0.56	0.50	0.61				100/40	150/140	150/150	70/10	150/150				150	150	150	120	150				21.7

North American Soil Geochemical Landscapes Project

Soil Gas Radon Data

#	Site ID	Radon (kBq/m3) - Measured							Volume corrected soil gas radon concentration (kBq/m3)								Radon (kBq/m3)				
		2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	Average	Average (values >0.7)	Minimum	Median	Maximum
157	NS071044	10.2	10.1	4.9	13.4				15.2	10.2	10.1	4.9	13.4				10.8	10.8	4.9	10.2	15.2
158	NS071045	28.4	4.7	5.5	8.1				7.3	28.4	4.7	5.5	8.1				10.8	10.8	4.7	7.3	28.4
159	NS071046	13.0	6.7	16.3	8.0				0.4	13.0	6.7	16.3	8.0				8.9	11.0	0.4	8.0	16.3
160	NS071047	40.5	5.9	19.7	21.8				41.8	40.5	5.9	19.7	21.8				25.9	25.9	5.9	21.8	41.8
161	NS071048	19.2	7.7	4.7	4.4				1.8	19.2	7.7	4.7	4.4				7.6	7.6	1.8	4.7	19.2
162	NS071049	10.1	0.0	10.1	0.3				7.3	10.1	0.4	10.1	0.4				5.6	9.2	0.4	7.3	10.1
163	NS071050	4.8	9.8	35.9	18.4				17.0	4.8	9.8	35.9	18.4				17.2	17.2	4.8	17.0	35.9
164	NS071052	18.9	24.7	6.7	25.2				13.5	18.9	24.7	6.7	25.2				17.8	17.8	6.7	18.9	25.2
165	NS071053																				
166	NS071054	6.1	16.8	8.5	11.1				24.5	6.1	16.8	8.5	11.1				13.4	13.4	6.1	11.1	24.5
167	NS071055	9.2	11.4	21.8	8.6				11.3	9.2	11.4	21.8	8.6				12.5	12.5	8.6	11.3	21.8
168	NS071056	10.3	6.0	18.0	7.4				8.4	10.3	6.0	18.0	7.4				10.0	10.0	6.0	8.4	18.0
169	NS071057	33.9	63.9	8.9	8.1				40.6	33.9	63.9	8.9	8.1				31.1	31.1	8.1	33.9	63.9
170	PE071001	25.9	28.0	23.9	21.0				20.5	25.9	28.0	23.9	21.0				23.9	23.9	20.5	23.9	28.0
171	PE071002	11.5	17.4	0.0	26.0				9.7	11.5	17.4	0.4	26.0				13.0	16.2	0.4	11.5	26.0
172	PE071003	21.1	3.4	26.9	18.8				16.4	21.1	5.1	26.9	18.8				17.7	17.7	5.1	18.8	26.9
173	PE071004	32.4	31.1	22.2	22.8				12.3	32.4	31.1	22.2	22.8				24.2	24.2	12.3	22.8	32.4
174	PE071005	31.4	17.7	23.5	13.0				24.8	31.4	17.7	23.5	13.0				22.1	22.1	13.0	23.5	31.4
175	PE071006	17.6	2.7	13.5	53.0				28.4	17.6	4.1	18.4	53.0				24.3	24.3	4.1	18.4	53.0
176	PE071007	21.8	32.8	25.6	38.1				38.9	21.8	32.8	25.6	38.1				31.4	31.4	21.8	32.8	38.9
177	PE071008	16.9	9.9	9.2	11.4				17.4	16.9	9.9	9.2	11.4				13.0	13.0	9.2	11.4	17.4
178	PE071009	27.3	21.8	10.3	36.1				21.7	27.3	21.8	12.9	36.1				24.0	24.0	12.9	21.8	36.1

Explanatory Notes:

Probe depth (m)

Volume of syringe pull (ml/ml)

Depth (metres) to bottom of each individual hollow steel tube from which a soil gas sample was attempted

First number is maximum volume (ml) of soil gas collected during the first pull using the graduated syringe, the second number is the resting volume (ml) after the syringe plunger is released. This ratio may be used as a semi-quantitative estimate of the soil permeability.

Sample Volume (ml)

Radon (kBq/m3) - Measured

Volume corrected soil gas radon concentration (kBq/m3)

Volume (ml) of soil gas collected with graduated syringe and transferred to ionization chamber for determination of radon concentration

Soil gas radon concentration (kBq/m³) for each hollow steel tube sampled.

For samples with less than 150 ml of soil gas the measured concentration was increased by a factor of 150/sample volume (ml).

Calculated using the volume corrected data

Radon (kBq/m3) - Average

Radon (kBq/m3) - Average (values >0.7)

Radon (kBq/m3) - Minimum

Radon (kBq/m3) - Median

Radon (kBq/m3) - Maximum

Average soil gas radon concentration (kBq/m³)

Average soil gas radon concentration using only those samples with greater than 0.7 kBq/m³

Minimum soil gas radon concentration (kBq/m³), individual measurements less than 0.7 kBq/m³ replaced with a default value of 0.35 kBq/m³

Median soil gas radon concentration (kBq/m³)

Maximum soil gas radon concentration (kBq/m³)