

MOUND RADON PROGRAM
SUMMARY OF CANONSBURG OFF-SITE MONITORING DATA
07/25/85 to 10/30/85

	<u>Outdoor Location</u>	<u>Average Radon Concentration (pCi/liter)</u>
1	CAR33	1.0
2	CAR34	0.93
3	CAR02	0.90
4	CAR41	0.90
5	CAR36	0.76
6	CAR23	0.68
7	CAR64	0.65
8	CAR03	0.61
9	CAR14	0.60
10	CAR45	0.59
11	CAR60	0.58
12	CAR15	0.58
13	CAR40	0.57
14	CAR58	0.57
15	CAR52	0.57
16	CAR09	0.57
17	CAR43	0.57
18	CAR44	0.56
19	CAR10	0.56
20	CAR11	0.54
21	CAR57	0.52
22	CAR25	0.52
23	CAR50	0.51
24	CAR24	0.49
25	CAR13	0.48
26	CAR51	0.48
27	CAR29	0.47
28	CAR39	0.46
29	CAR08	0.45
30	CAR05	0.41
31	CAR27	0.40
32	CAR28	0.38
33	CAR21	0.35
34	CAR46	0.34

Quarterly average radon concentrations for the locations in the outdoor control group ranged from 0.34 to 0.61 pCi/liter and averaged 0.49 pCi/liter.

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<u>Indoor Location</u>	<u>Average Radon Concentration (pCi/liter)</u>	<u>Average Radon Progeny Conc. (Working Level)</u>
CAR53	0.97	0.009
CAR54	1.0	0.008
CAR55	2.5	0.017
CAR56 ^a	0.53	0.006
CAR59	1.7	
CAR61 ^b	0.97	
CAR62	1.1	
CAR63	2.6	

^a The radon and radon progeny monitors at this location are not in the same room; therefore, these data should not be used to calculate a Working Level Ratio.

^b Monitoring at this location was terminated on 09/18/85.

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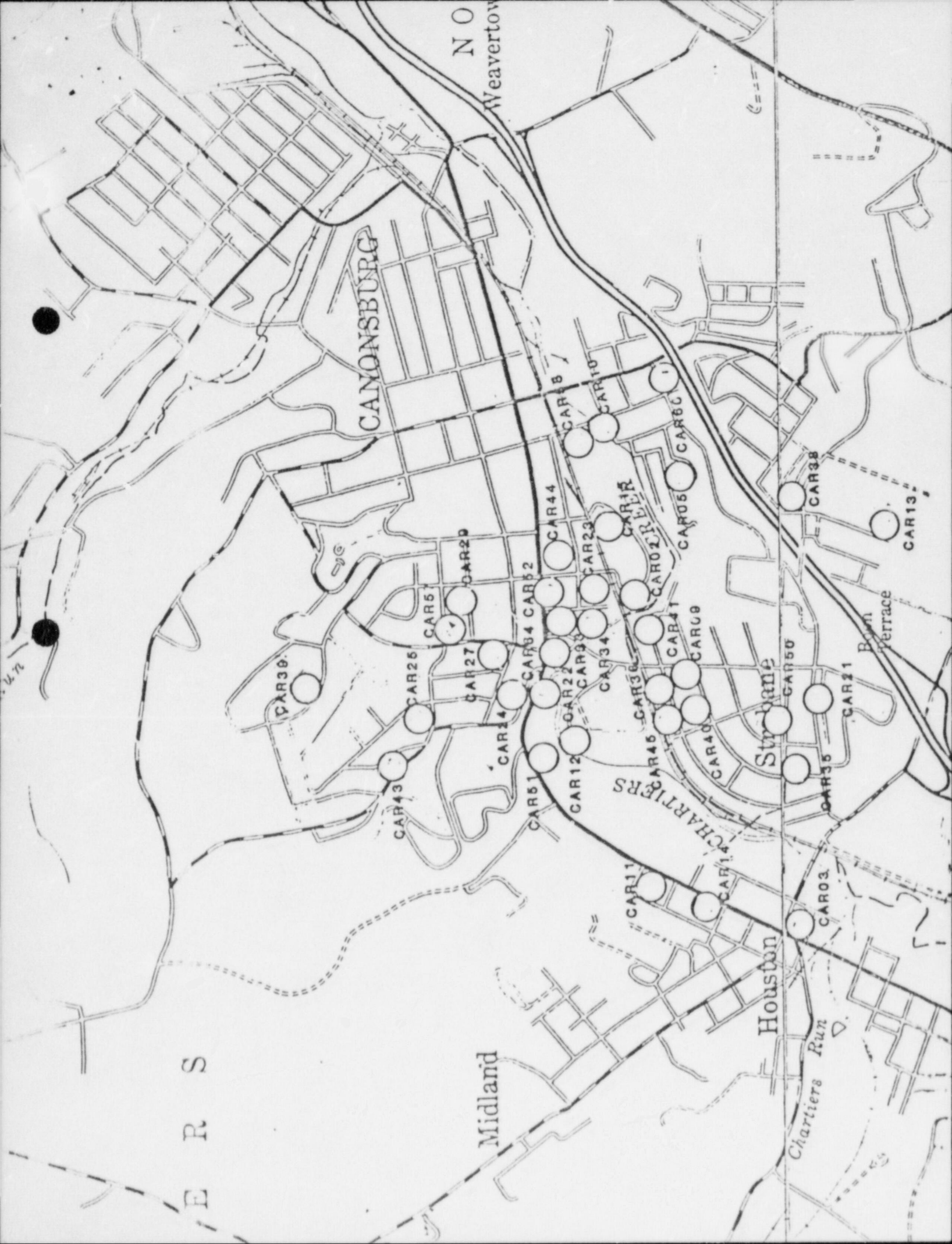
<u>Outdoor Location</u>	<u>Average Radon Concentration (pCi/liter)</u>
#10	0.64
#11	0.53
#12	0.62
#13	0.66
Bridge	0.61
Trailer	0.56

CROSS REFERENCE LIST
FOR CANONSBURG OFFSITE INDOOR DATA

CAR53	St. Patrick School (Principal's Office)
CAR54	St. Patrick School (Kindergarten)
CAR55	Canon-McMillan Senior High School
CAR56	Canon-McMillan Junior High School (Classroom)
CAR59	South Central Elementary (Classroom)
CAR61	Hawthorne Elementary School (Classroom)
CAR62	Canon-McMillan High School (Classroom)
CAR63	First Street School (Classroom)

NOTE: The following locations are not indicated on the enclosed maps:

CAR 08	4 km SW of Site
CAR 28	3 km SE of Site
CAR 46	4 km NE of Site



E R S

Midland

CANONSBURG

NO
Weavertown

Chartiers

Houston

Chartiers Run

CAR38

CAR13

Boon
Terrace

CAR50

CAR21

CAR03

CAR35

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