

**Plum Brook Reactor Facility
Final Status Survey Report**

Attachment 11

Reactor Containment Vessel

Revision 0

Appendix B

**Survey Unit Maps and Tables Showing
Measurement Locations and Results**

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Appendix B Note:

Occasionally negative values of individual measurements appear in the tables in this appendix. In accordance with PBRF FSS/Characterization procedures, each measurement result in dpm/100-cm² is obtained by taking a shielded measurement and an unshielded measurement at each location established in the survey design. The shield is of sufficient thickness to completely attenuate (absorb) the most energetic beta from PBRF residual surface contamination (Sr/Y-90). The net activity is then determined as:

$$\text{Net activity in dpm/100-cm}^2 = \frac{(\text{Unshielded cpm} - \text{Shielded cpm})}{E_t (A/100)} \text{ where:}$$

Unshielded cpm is the detector response including contributions from radiation entering the detector sensitive face (open area) and from ambient radiation (mostly gammas) entering the detector from all directions.

Shielded cpm is the detector response with the shield in place between the detector sensitive face and the surface being investigated. The shield eliminates beta particles from the surface under investigation and the detector response is due only to ambient radiation that enters the detector (from all directions).

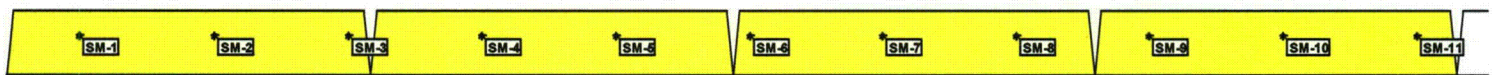
(Unshielded cpm – Shielded cpm) is the net cpm due to activity, mostly beta particles entering the detector from the surface under investigation. Note that the net cpm includes contributions from residual contamination that may be present and from naturally occurring beta emitters in the material. This natural background component is considered to be small and is neglected, i. e., this background contribution is not subtracted in determining net cpm.

Detector efficiency, E_t , dpm/cpm for the detector, is the product of the detector efficiency and the surface efficiency. A typical value of E_t for the Ludlum 44-116 detector, the detector of choice for FSS systematic measurements in structures, is approximately 15% (0.15).

$A/100$ is the factor to convert dpm per detector area to dpm/100-cm², where A is the detector open area in cm². The open area of the Ludlum 44-116 is 100 cm², so the $(A/100)$ factor is unity in this case.

Negative values of net activity occur when the measured shielded cpm is greater than the measured unshielded cpm at a location. This most often occurs in survey units where residual contamination levels are low, near background, and the ambient background is also low. Thus, the random variability of low level count rates will result in occasional measurement pairs where the recorded shielded count rate exceeds the unshielded count rate.

Survey Unit CV-1-1
CV Upper Dome - Section 1 East



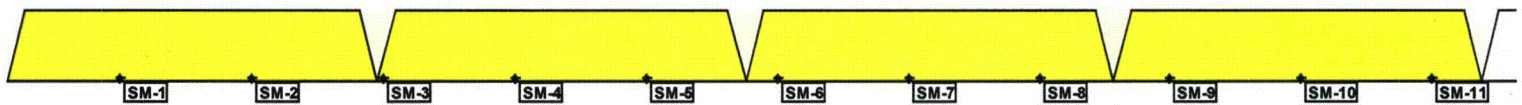
CV-1-1 AREA: CV Upper Dome Section 1 East Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
2.4	1.3	SM-1	343	Systematic	N/A
6.8	1.3	SM-2	98	Systematic	N/A
11.2	1.3	SM-3	119	Systematic	N/A
15.6	1.3	SM-4	140	Systematic	N/A
20.1	1.3	SM-5	273	Systematic	N/A
24.5	1.3	SM-6	280	Systematic	N/A
28.9	1.3	SM-7	77	Systematic	N/A
33.3	1.3	SM-8	231	Systematic	N/A
37.7	1.3	SM-9	63	Systematic	N/A
42.1	1.3	SM-10	273	Systematic	N/A
46.6	1.3	SM-11	350	Systematic	N/A
* Sample measurements are from the lower left corner of the surface on which they rest.					

Survey Unit CV-1-2
CV Upper Dome - Section 1 West



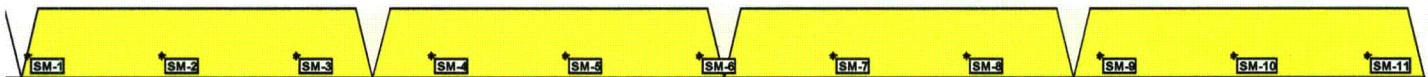
CV-1-2 AREA: CV Upper Dome Section 1 West Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
3.4	1.5	SM-1	164	Systematic	N/A
7.8	1.5	SM-2	-21	Systematic	N/A
12.2	1.5	SM-3	286	Systematic	N/A
16.7	1.5	SM-4	100	Systematic	N/A
21.1	1.5	SM-5	171	Systematic	N/A
25.5	1.5	SM-6	50	Systematic	N/A
29.9	1.5	SM-7	400	Systematic	N/A
34.3	1.5	SM-8	335	Systematic	N/A
38.7	1.5	SM-9	500	Systematic	N/A
43.2	1.5	SM-10	405	Systematic	N/A
47.6	1.5	SM-11	203	Systematic	N/A
* All of the sample measurements are taken from the southwest corner of the survey unit					

Survey Unit CV-1-3
CV Upper Dome - Section 2 East



CV-1-3 AREA: CV Upper Dome Section 2 East Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
3.5	0.1	SM-1	264	Systematic	N/A
7.6	0.1	SM-2	157	Systematic	N/A
11.7	0.1	SM-3	457	Systematic	N/A
15.8	0.1	SM-4	336	Systematic	N/A
20.0	0.1	SM-5	243	Systematic	N/A
24.1	0.1	SM-6	407	Systematic	N/A
28.2	0.1	SM-7	121	Systematic	N/A
32.3	0.1	SM-8	221	Systematic	N/A
36.4	0.1	SM-9	93	Systematic	N/A
40.5	0.1	SM-10	393	Systematic	N/A
44.6	0.1	SM-11	121	Systematic	N/A
* All of the sample measurements are taken from the southwest corner of the survey unit					

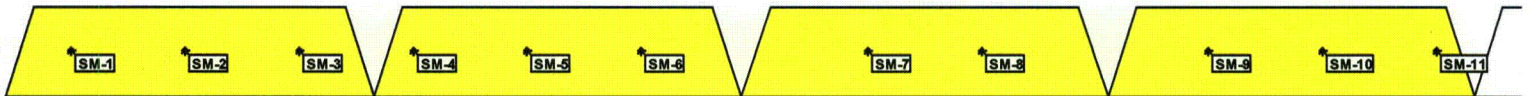
Survey Unit CV-1-4
CV Upper Dome - Section 2 West



CV-1-4 AREA: CV Upper Dome Section 2 West Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.2	0.7	SM-1	419	Systematic	N/A
4.6	0.7	SM-2	282	Systematic	N/A
9.0	0.7	SM-3	231	Systematic	N/A
13.4	0.7	SM-4	231	Systematic	N/A
17.9	0.7	SM-5	359	Systematic	N/A
22.3	0.7	SM-6	325	Systematic	N/A
26.7	0.7	SM-7	171	Systematic	N/A
31.1	0.7	SM-8	419	Systematic	N/A
35.5	0.7	SM-9	265	Systematic	N/A
39.9	0.7	SM-10	291	Systematic	N/A
44.3	0.7	SM-11	111	Systematic	N/A
0.2	0.7	SM-12	419	Systematic	N/A

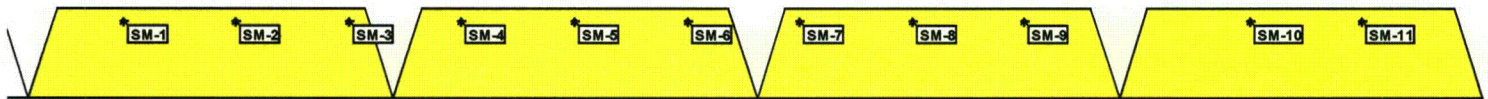
* All of the sample measurements are taken from the location shown on the map.

Survey Unit CV-1-5
CV Upper Dome - Section 3 East



CV-1-5 AREA: CV Upper Dome Section 3 East Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.8	1.3	SM-1	221	Systematic	N/A
5.1	1.3	SM-2	536	Systematic	N/A
8.3	1.3	SM-3	129	Systematic	N/A
11.5	1.3	SM-4	200	Systematic	N/A
14.8	1.3	SM-5	557	Systematic	N/A
18.0	1.3	SM-6	179	Systematic	N/A
24.5	1.3	SM-7	-57	Systematic	N/A
27.7	1.3	SM-8	150	Systematic	N/A
34.2	1.3	SM-9	279	Systematic	N/A
37.4	1.3	SM-10	229	Systematic	N/A
40.6	1.3	SM-11	79	Systematic	N/A
1.8	1.3	SM-12	221	Systematic	N/A
All of the sample measurements are taken from the location shown on the map.					

Survey Unit CV-1-6
CV Upper Dome - Section 3 West



CV-1-6 AREA: CV Upper Dome Section 3 West Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
2.7	2.2	SM-1	164	Systematic	N/A
5.9	2.2	SM-2	79	Systematic	N/A
9.2	2.2	SM-3	-36	Systematic	N/A
12.4	2.2	SM-4	221	Systematic	N/A
15.6	2.2	SM-5	43	Systematic	N/A
18.9	2.2	SM-6	157	Systematic	N/A
22.1	2.2	SM-7	150	Systematic	N/A
25.3	2.2	SM-8	307	Systematic	N/A
28.6	2.2	SM-9	450	Systematic	N/A
35.0	2.2	SM-10	214	Systematic	N/A
38.3	2.2	SM-11	314	Systematic	N/A
2.7	2.2	SM-12	164	Systematic	N/A

*All of the sample measurements are taken from the location shown on the map.

Survey Unit CV-1-7
CV Upper Dome - Section 4



CV-1-7 AREA: CV Upper Dome Section #4 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
6.3	0.8	SM-1	25	Systematic	N/A
12.3	0.8	SM-2	335	Systematic	N/A
18.3	0.8	SM-3	285	Systematic	N/A
24.4	0.8	SM-4	89	Systematic	N/A
30.4	0.8	SM-5	278	Systematic	N/A
36.4	0.8	SM-6	272	Systematic	N/A
42.5	0.8	SM-7	481	Systematic	N/A
48.5	0.8	SM-8	367	Systematic	N/A
54.5	0.8	SM-9	234	Systematic	N/A
60.6	0.8	SM-10	44	Systematic	N/A
66.6	0.8	SM-11	139	Systematic	N/A
6.3	0.8	SM-12	25	Systematic	N/A

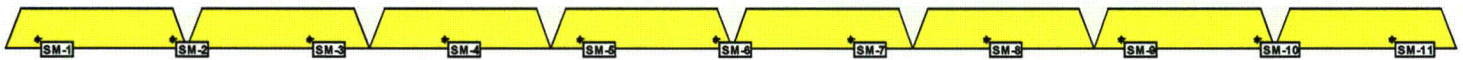
*All of the sample measurements are taken from the location shown on the map.

Survey Unit CV-1-8
CV Upper Dome - Section 5



CV-1-8 AREA: CV Upper Dome Section #5 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
3.6	0.3	SM-1	301	Systematic	N/A
9.2	0.3	SM-2	84	Systematic	N/A
14.9	0.3	SM-3	42	Systematic	N/A
20.5	0.3	SM-4	168	Systematic	N/A
26.1	0.3	SM-5	329	Systematic	N/A
31.8	0.3	SM-6	273	Systematic	N/A
37.4	0.3	SM-7	196	Systematic	N/A
43.1	0.3	SM-8	329	Systematic	N/A
48.7	0.3	SM-9	28	Systematic	N/A
54.3	0.3	SM-10	91	Systematic	N/A
60.0	0.3	SM-11	308	Systematic	N/A
All of the sample measurements are taken from the location shown on the map.					

Survey Unit CV-1-9
CV Upper Dome - Section 6



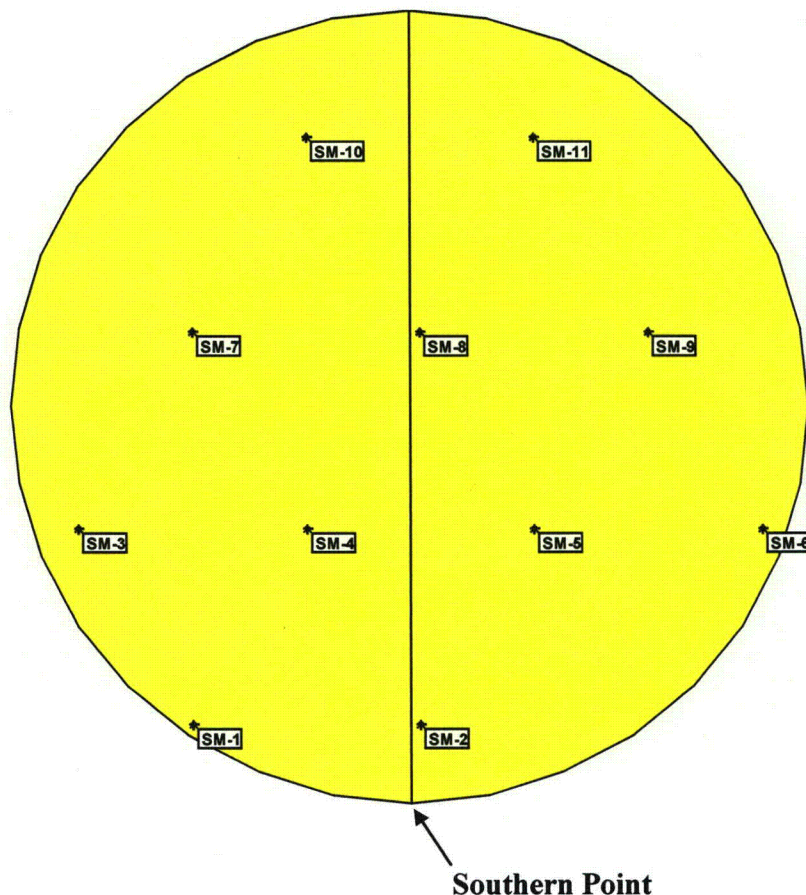
CV-1-9 AREA: CV Upper Dome Section #6 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.2	0.4	SM-1	217	Systematic	N/A
6.5	0.4	SM-2	406	Systematic	N/A
11.8	0.4	SM-3	399	Systematic	N/A
17.1	0.4	SM-4	133	Systematic	N/A
22.4	0.4	SM-5	112	Systematic	N/A
27.7	0.4	SM-6	350	Systematic	N/A
33.0	0.4	SM-7	294	Systematic	N/A
38.3	0.4	SM-8	378	Systematic	N/A
43.6	0.4	SM-9	217	Systematic	N/A
48.9	0.4	SM-10	182	Systematic	N/A
54.2	0.4	SM-11	182	Systematic	N/A
1.2	0.4	SM-12	217	Systematic	N/A
*All of the sample measurements are taken from the location shown on the map.					

Survey Unit CV-1-10
CV Upper Dome - Section 7



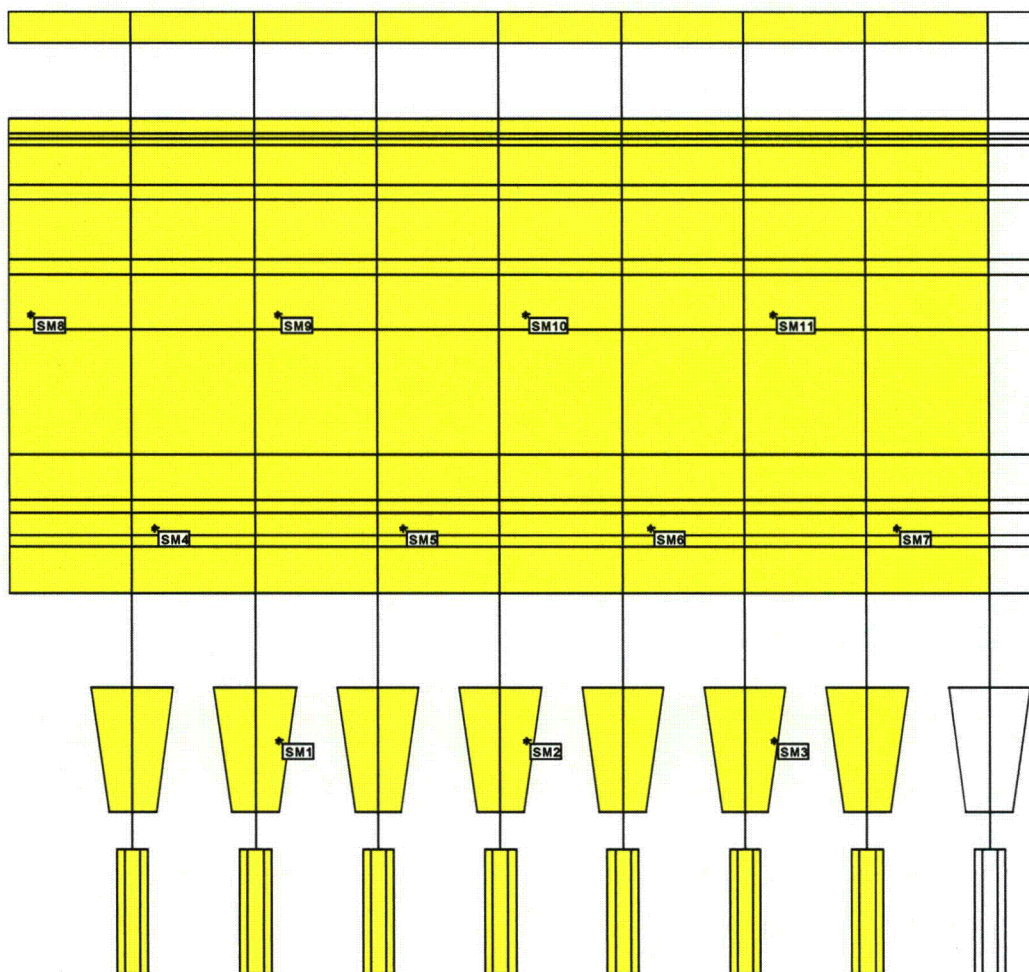
CV-1-10 AREA: CV Upper Dome Section #7 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
3.2	1.2	SM-1	241	Systematic	N/A
9.2	1.2	SM-2	-95	Systematic	N/A
15.2	1.2	SM-3	304	Systematic	N/A
21.1	1.2	SM-4	196	Systematic	N/A
27.1	1.2	SM-5	-25	Systematic	N/A
30.1	1.2	SM-6	215	Systematic	N/A
33.1	1.2	SM-7	304	Systematic	N/A
36.0	1.2	SM-8	418	Systematic	N/A
39.0	1.2	SM-9	190	Systematic	N/A
42.0	1.2	SM-10	342	Systematic	N/A
3.2	1.2	SM-11	253	Systematic	N/A
*Sample measurements are from the lower left corner of the surface on which they rest					

Survey Unit CV-1-11
CV Upper Dome - Top of Dome



CV-1-11 AREA: CV Top of Dome Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
-3.0	1.1	SM-1	287	Systematic	N/A
0.1	1.1	SM-2	371	Systematic	N/A
-4.6	3.8	SM-3	238	Systematic	N/A
-1.4	3.8	SM-4	84	Systematic	N/A
1.7	3.8	SM-5	203	Systematic	N/A
4.9	3.8	SM-6	196	Systematic	N/A
-3.0	6.6	SM-7	448	Systematic	N/A
0.1	6.6	SM-8	448	Systematic	N/A
3.3	6.6	SM-9	437	Systematic	N/A
-1.4	9.3	SM-10	112	Systematic	N/A
1.7	9.3	SM-11	203	Systematic	N/A
*Sample measurements are from the southern point of the dome as shown on the map.					

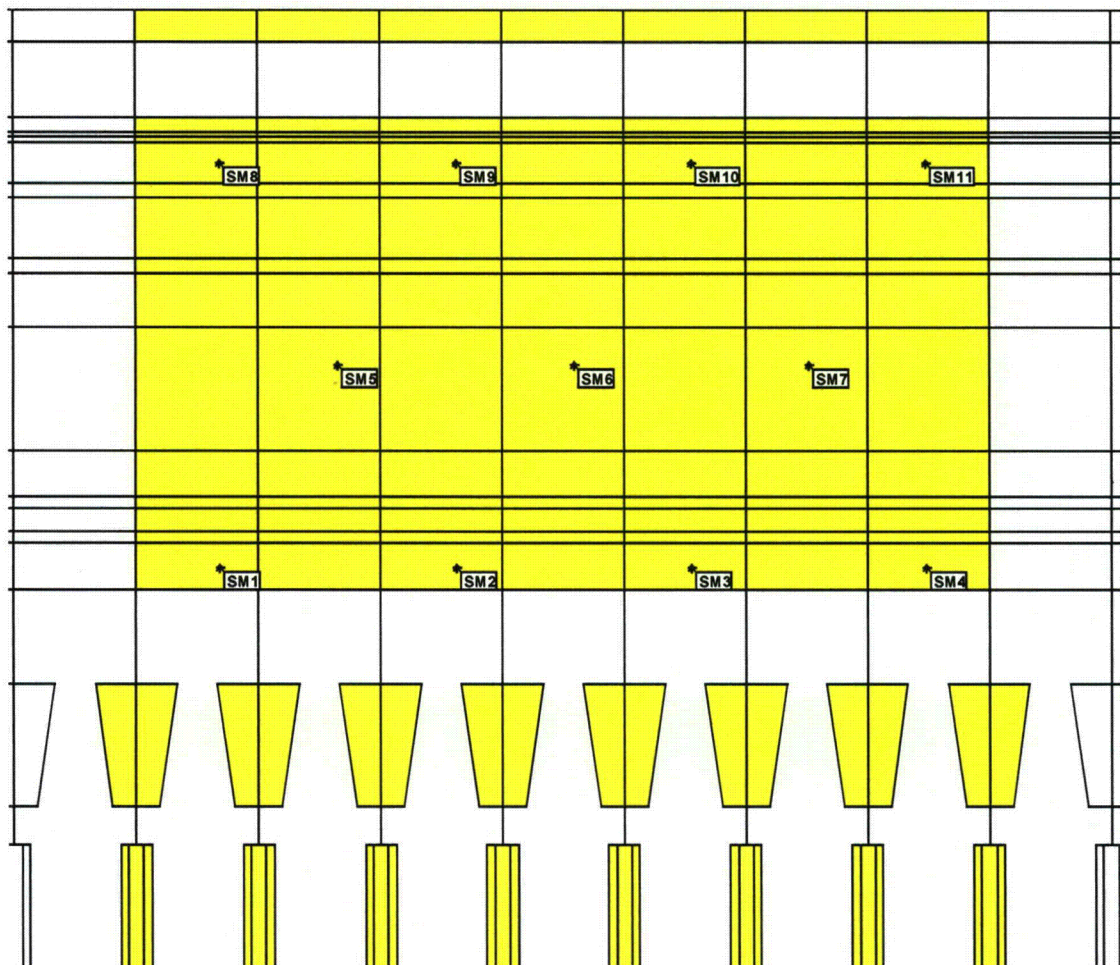
Survey Unit CV-1-12
CV Crane Support Steel - Section 1



CV-1-12 AREA: CV Crane Support Steel, Section #1 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.3	1.0	SM-1	238	Systematic	N/A
0.3	1.0	SM-2	190	Systematic	N/A
0.4	1.0	SM-3	197	Systematic	N/A
0.3	0.1	SM-4	265	Systematic	N/A
0.3	0.1	SM-5	136	Systematic	N/A
0.4	0.1	SM-6	340	Systematic	N/A
0.4	0.1	SM-7	218	Systematic	N/A
0.3	0.2	SM-8	88	Systematic	N/A
0.3	0.2	SM-9	-27	Systematic	N/A
0.4	0.2	SM-10	204	Systematic	N/A
0.4	0.2	SM-11	218	Systematic	N/A

Sample locations are measured from the lower left corner of the surface on which they rest.

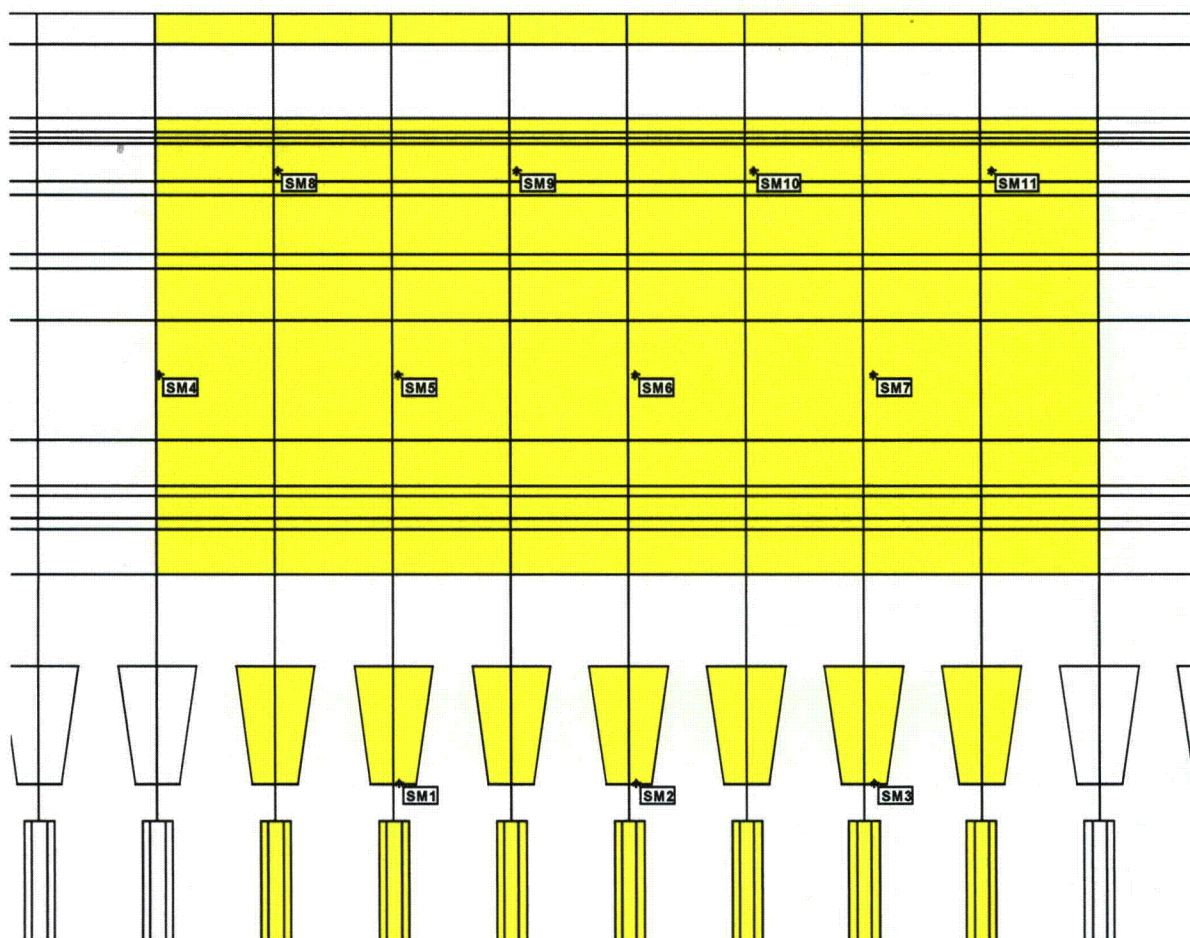
Survey Unit CV-1-13
CV Crane Support Steel - Section 2



CV-1-13 AREA: CV Crane Support Steel, Section #2 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.1	0.3	SM-1	170	Systematic	N/A
1.0	0.3	SM-2	204	Systematic	N/A
0.9	0.3	SM-3	-48	Systematic	N/A
0.8	0.3	SM-4	327	Systematic	N/A
1.0	1.1	SM-5	190	Systematic	N/A
0.9	1.1	SM-6	34	Systematic	N/A
0.8	1.1	SM-7	122	Systematic	N/A
1.1	0.3	SM-8	333	Systematic	N/A
1.0	0.3	SM-9	7	Systematic	N/A
0.9	0.3	SM-10	48	Systematic	N/A
0.8	0.3	SM-11	-7	Systematic	N/A

Sample locations are measured from the lower left corner of the surface on which they rest.

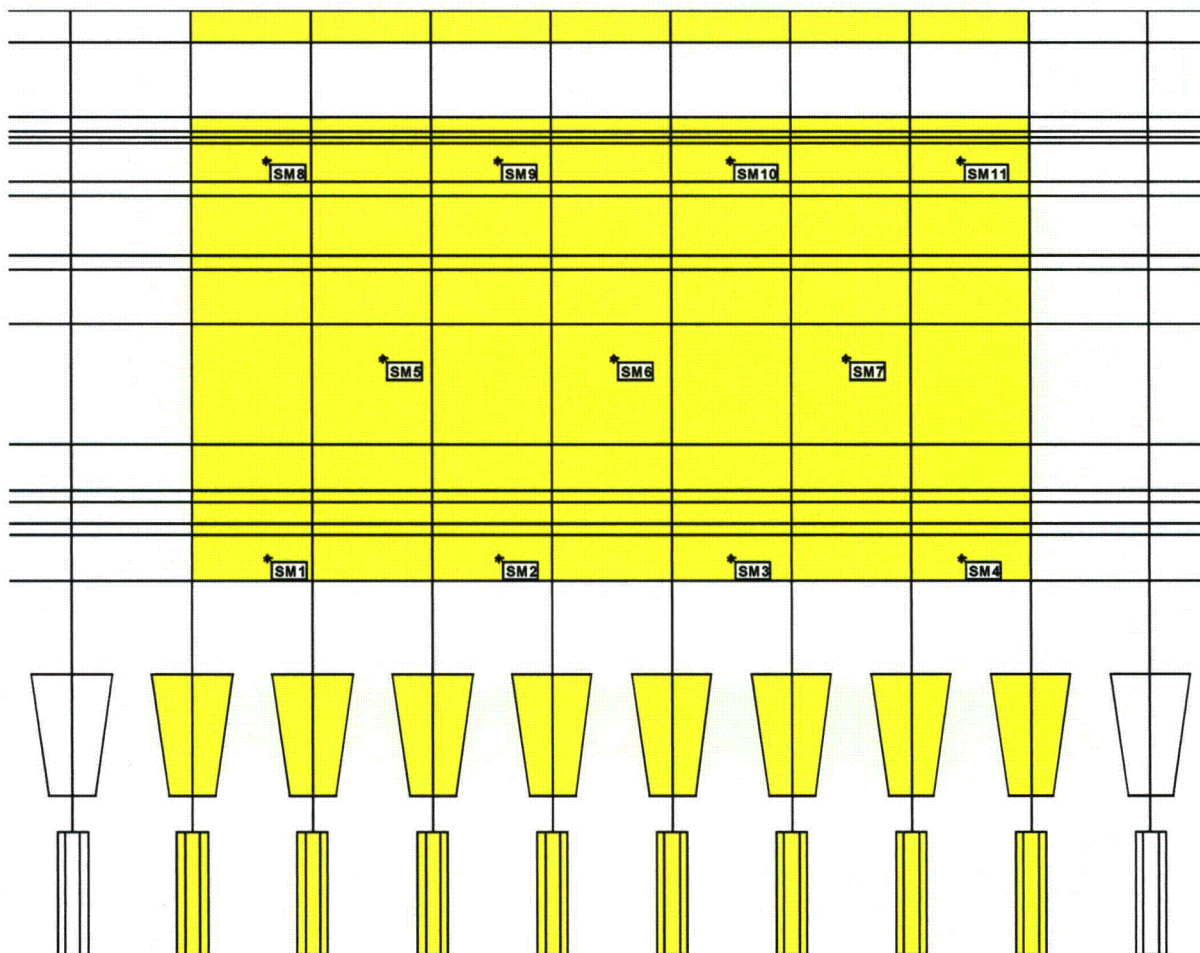
Survey Unit CV-1-14
CV Crane Support Steel - Section 3



CV-1-14 AREA: CV Crane Support Steel, Section #3 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.05	Edge	SM-1	177	Systematic	N/A
0.10	Edge	SM-2	476	Systematic	N/A
0.15	Edge	SM-3	211	Systematic	N/A
Edge	1.0	SM-4	293	Systematic	N/A
Edge	1.0	SM-5	68	Systematic	N/A
0.10	1.0	SM-6	150	Systematic	N/A
0.15	1.0	SM-7	136	Systematic	N/A
Edge	0.2	SM-8	109	Systematic	N/A
Edge	0.2	SM-9	20	Systematic	N/A
0.10	0.2	SM-10	354	Systematic	N/A
0.15	0.2	SM-11	-61	Systematic	N/A

Sample locations are measured from the lower left corner of the surface on which they rest .

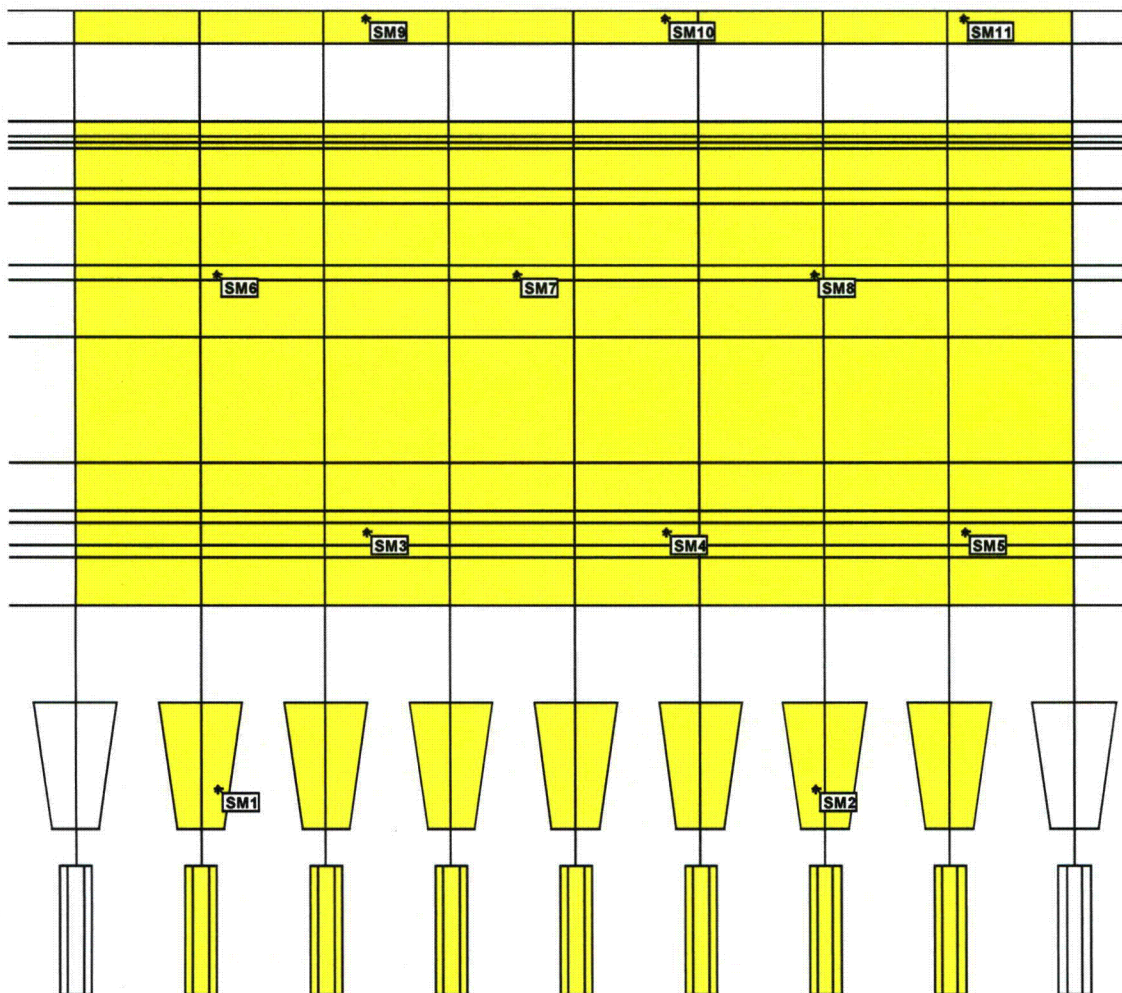
Survey Unit CV-1-15
CV Crane Support Steel - Section 4



CV-1-15 AREA: CV Crane Support Steel, Section #4 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.0	0.3	SM-1	279	Systematic	N/A
0.9	0.3	SM-2	211	Systematic	N/A
0.8	0.3	SM-3	170	Systematic	N/A
0.7	0.3	SM-4	272	Systematic	N/A
0.9	1.2	SM-5	190	Systematic	N/A
0.8	1.2	SM-6	204	Systematic	N/A
0.7	1.2	SM-7	224	Systematic	N/A
1.0	0.3	SM-8	14	Systematic	N/A
0.9	0.3	SM-9	95	Systematic	N/A
0.8	0.3	SM-10	41	Systematic	N/A
0.7	0.3	SM-11	-34	Systematic	N/A

Sample locations are measured from the lower left corner of the surface on which they rest.

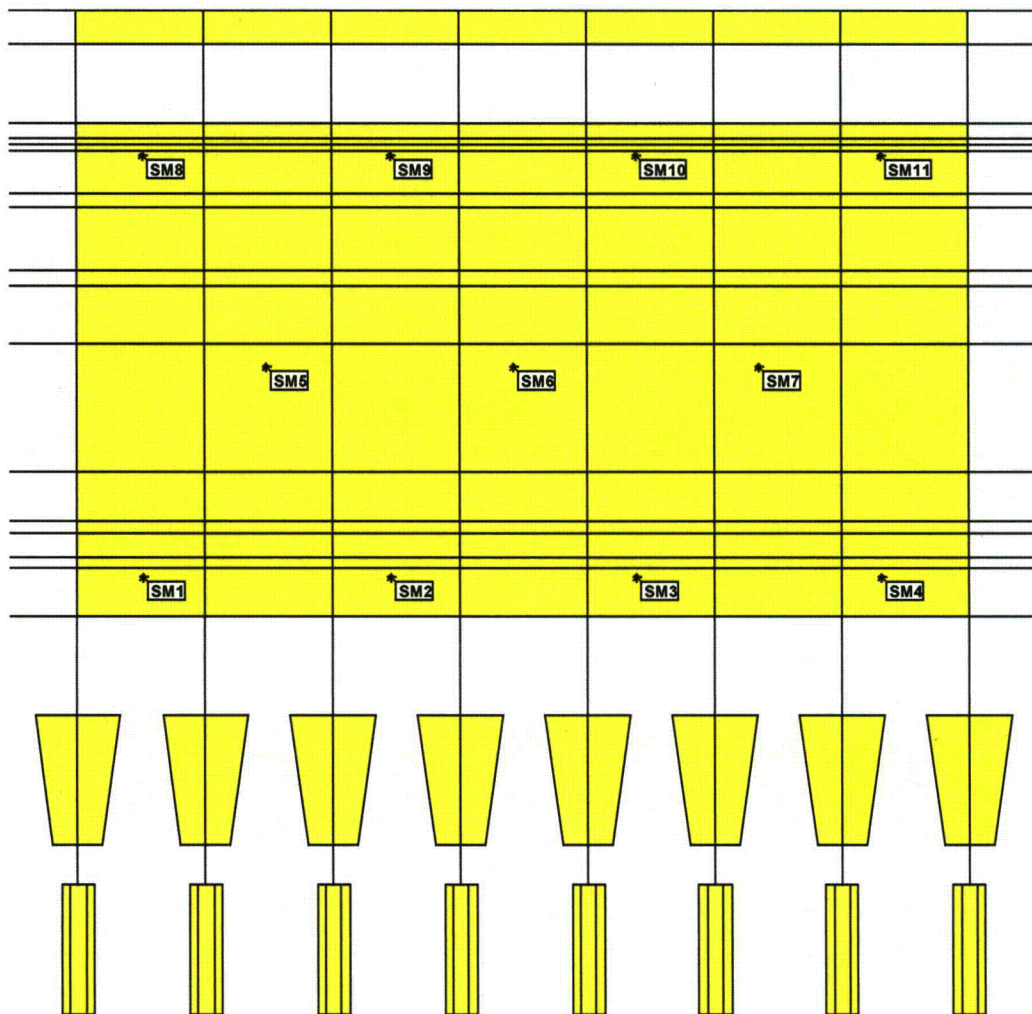
Survey Unit CV-1-16
CV Crane Support Steel - Section 5



CV-1-16 AREA: CV Crane Support Steel, Section #5 Measurement Locations Results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.2	0.5	SM-1	102	Systematic	N/A
0.3	0.5	SM-2	170	Systematic	N/A
0.5	0.2	SM-3	354	Systematic	N/A
1.1	0.2	SM-4	361	Systematic	N/A
0.2	0.2	SM-5	388	Systematic	N/A
0.2	Edge	SM-6	728	Systematic	N/A
0.9	Edge	SM-7	932	Systematic	N/A
1.5	Edge	SM-8	878	Systematic	N/A
0.5	0.3	SM-9	136	Systematic	N/A
1.1	0.3	SM-10	75	Systematic	N/A
0.2	0.3	SM-11	14	Systematic	N/A

Sample measurements are taken from the lower left corner of the surface on which they rest

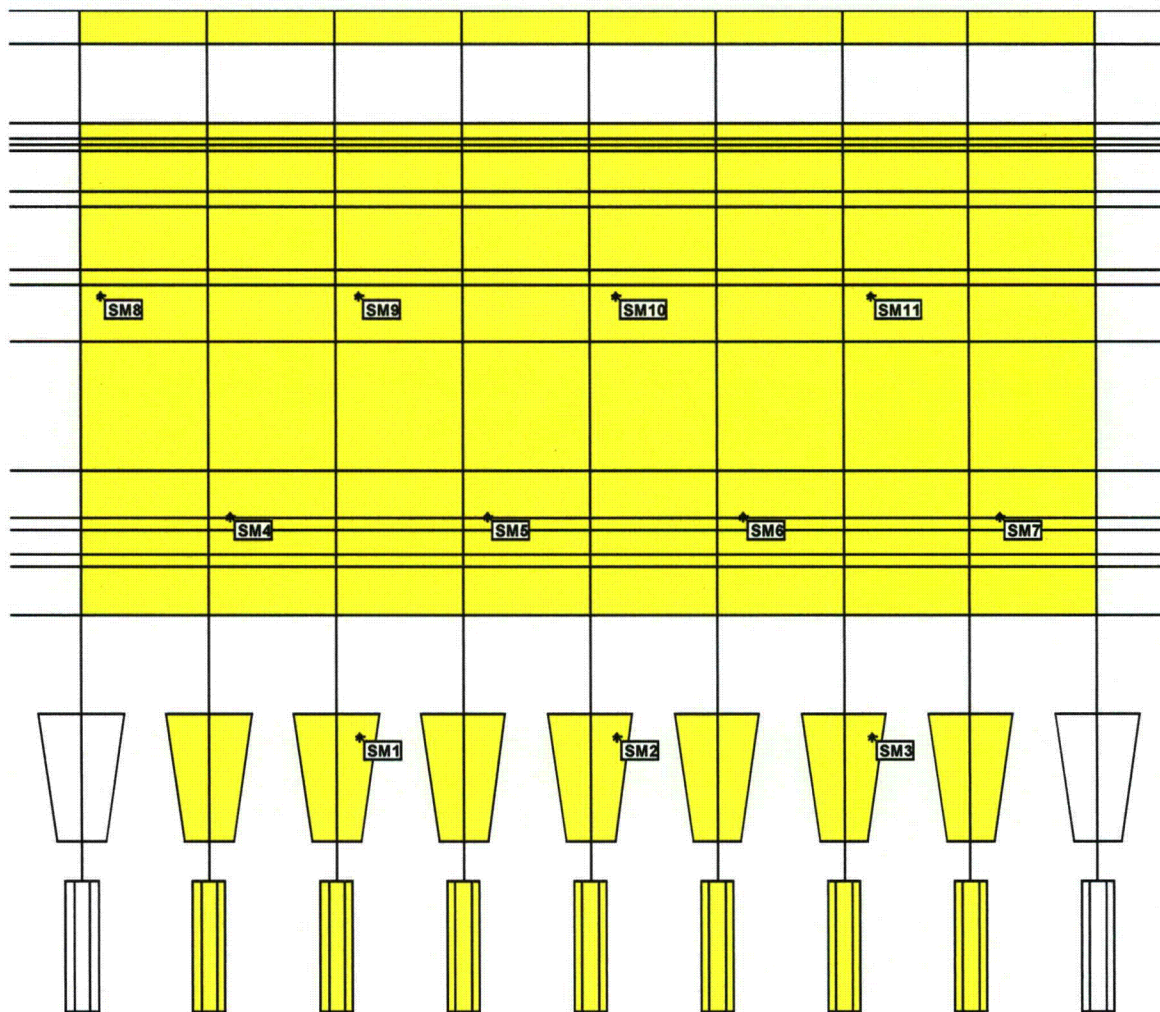
Survey Unit CV-1-17
CV Crane Support Steel - Section 6



CV-1-17 AREA: CV Crane Support Steel, Section #6 Measurement Locations and Results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.8	0.5	SM-1	116	Systematic	N/A
0.7	0.5	SM-2	54	Systematic	N/A
0.6	0.5	SM-3	156	Systematic	N/A
0.5	0.5	SM-4	-20	Systematic	N/A
0.8	1.4	SM-5	265	Systematic	N/A
0.7	1.4	SM-6	95	Systematic	N/A
0.6	1.4	SM-7	170	Systematic	N/A
0.8	Edge	SM-8	-136	Systematic	N/A
0.7	Edge	SM-9	27	Systematic	N/A
0.6	Edge	SM-10	184	Systematic	N/A
0.5	Edge	SM-11	-75	Systematic	N/A

Sample locations are measured from the lower left corner of the surface on which they rest.

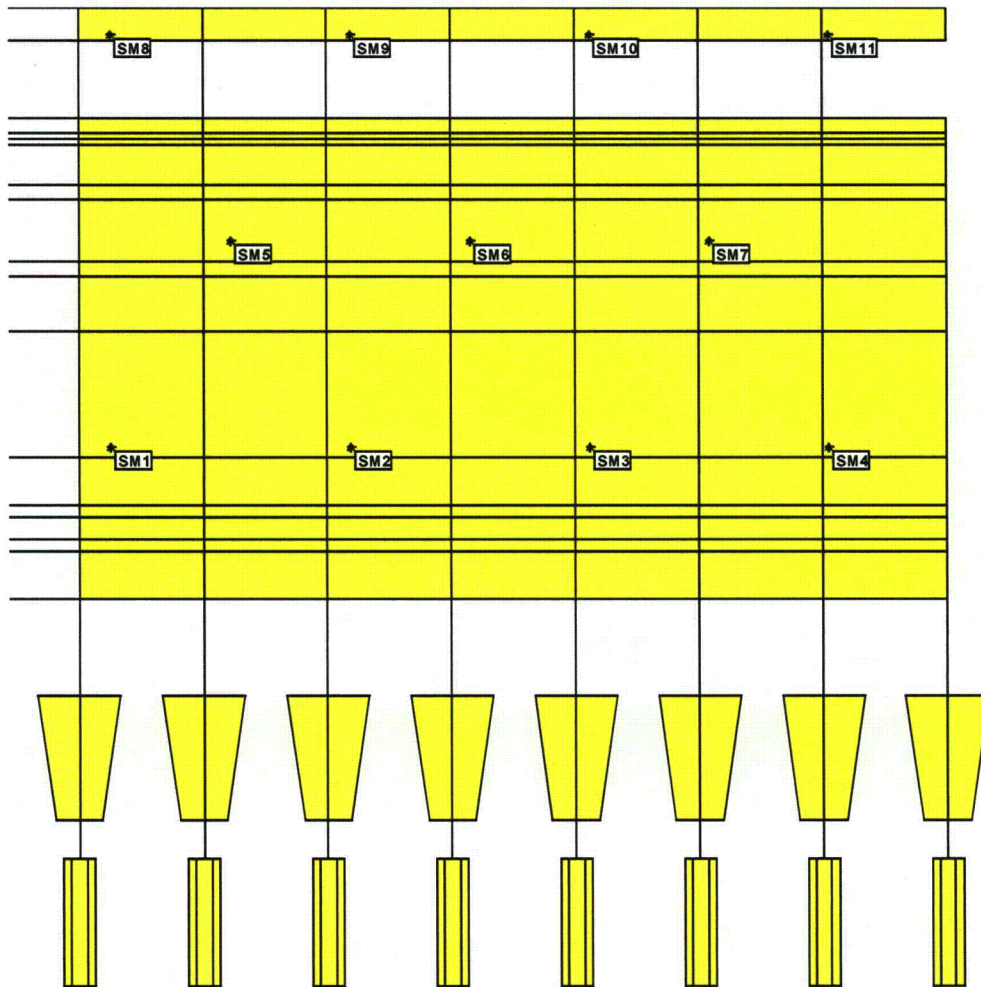
Survey Unit CV-1-18
CV Crane Support Steel - Section 7



CV-1-18 AREA: CV Crane Support Steel, Section #7 Measurement Locations and Results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.3	1.3	SM-1	129	Systematic	N/A
0.3	1.3	SM-2	259	Systematic	N/A
0.4	1.3	SM-3	429	Systematic	N/A
0.3	Edge	SM-4	218	Systematic	N/A
0.3	Edge	SM-5	-34	Systematic	N/A
0.3	Edge	SM-6	54	Systematic	N/A
0.3	Edge	SM-7	340	Systematic	N/A
0.3	0.6	SM-8	272	Systematic	N/A
0.3	0.6	SM-9	272	Systematic	N/A
0.3	0.6	SM-10	252	Systematic	N/A
0.4	0.6	SM-11	272	Systematic	N/A

Sample locations are measured from the lower left corner of the surface on which they rest.

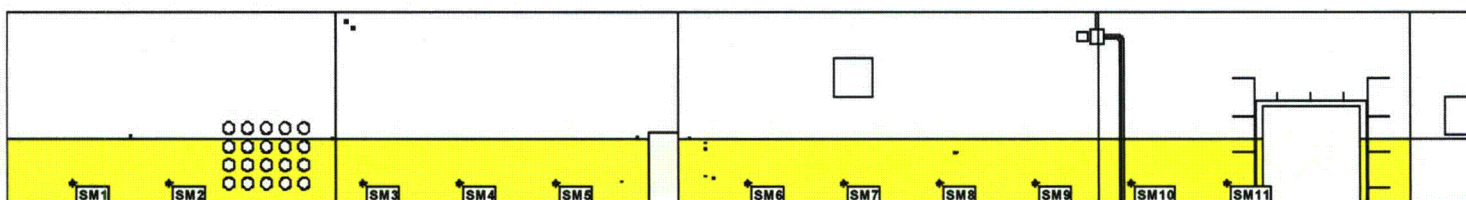
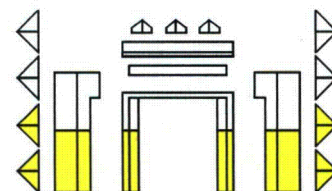
Survey Unit CV-1-19
CV Crane Support Steel - Section 8



CV-1-19 AREA: CV Crane Support Steel, Section #8 Measurement Locations and Results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.4	0.2	SM-1	429	Systematic	N/A
0.3	0.2	SM-2	75	Systematic	N/A
0.2	0.2	SM-3	129	Systematic	N/A
0.1	0.2	SM-4	-75	Systematic	N/A
0.4	0.3	SM-5	61	Systematic	N/A
0.3	0.3	SM-6	190	Systematic	N/A
0.2	0.3	SM-7	190	Systematic	N/A
0.4	Edge	SM-8	-7	Systematic	N/A
0.3	Edge	SM-9	204	Systematic	N/A
0.2	Edge	SM-10	61	Systematic	N/A
0.1	Edge	SM-11	150	Systematic	N/A

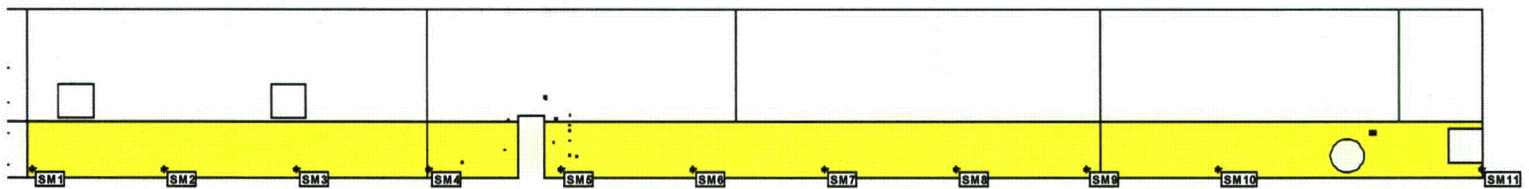
Sample locations are measured from the lower left corner of the surface on which they rest.

Survey Unit CV-1-20
CV Dome Lower Wall - 0m to 2m - Section #1



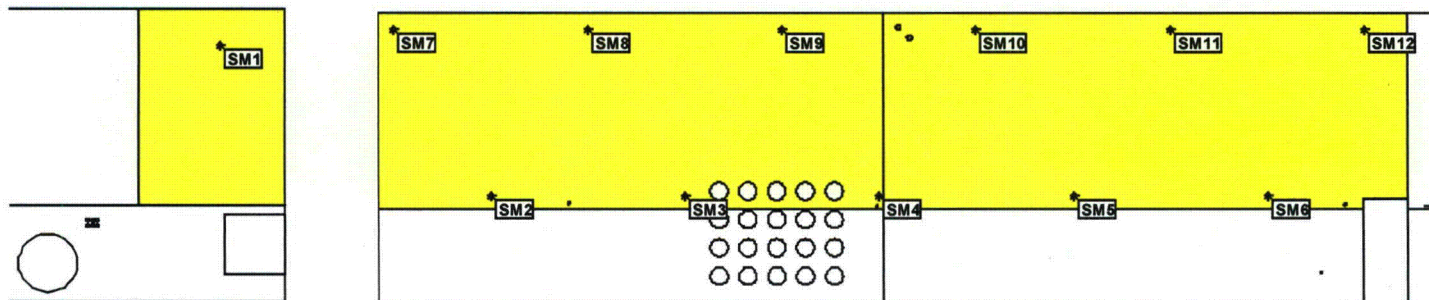
CV-1-20 AREA: CV Dome Lower Wall (0m to 2m), Section #1 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
2.1	0.6	SM-1	116	Systematic	N/A
5.1	0.6	SM-2	-20	Systematic	N/A
11.1	0.6	SM-3	75	Systematic	N/A
14.1	0.6	SM-4	231	Systematic	N/A
17.1	0.6	SM-5	218	Systematic	N/A
23.2	0.6	SM-6	-95	Systematic	N/A
26.2	0.6	SM-7	-218	Systematic	N/A
29.2	0.6	SM-8	34	Systematic	N/A
32.2	0.6	SM-9	190	Systematic	N/A
35.2	0.6	SM-10	82	Systematic	N/A
38.3	0.6	SM-11	361	Systematic	N/A
Sample locations are measured from the lower left corner of the survey unit.					

Survey Unit CV-1-21
CV Dome Lower Wall - 0m to 2m - Section #2



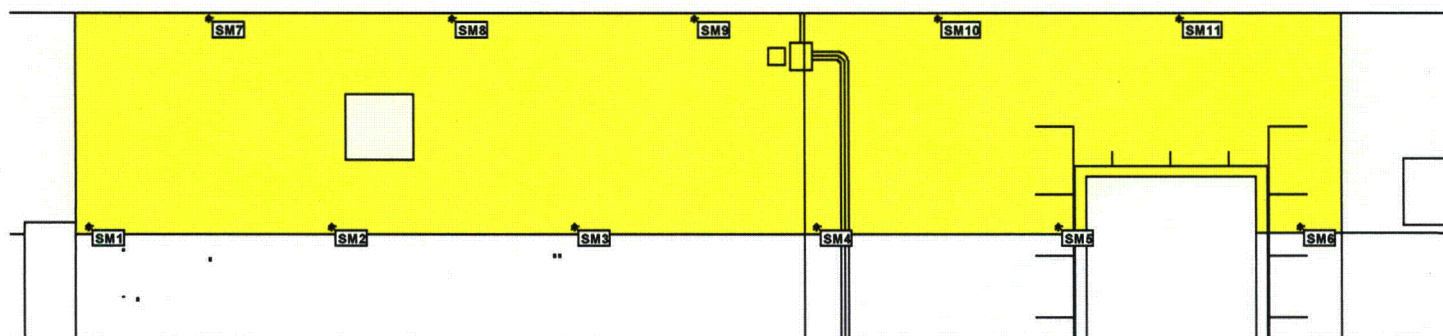
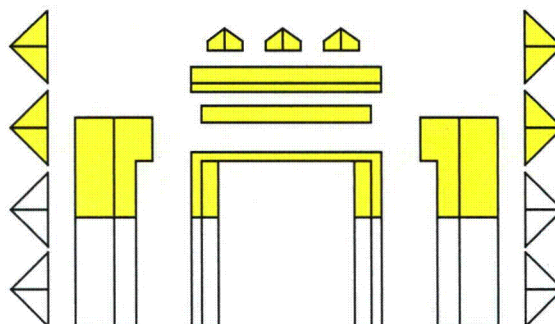
CV-1-21 AREA: CV Dome Lower Wall (0m to 2m), Section #2 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.2	0.3	SM-1	510	Systematic	N/A
4.8	0.3	SM-2	265	Systematic	N/A
9.5	0.3	SM-3	333	Systematic	N/A
14.2	0.3	SM-4	-7	Systematic	N/A
18.9	0.3	SM-5	347	Systematic	N/A
23.6	0.3	SM-6	170	Systematic	N/A
28.3	0.3	SM-7	184	Systematic	N/A
32.9	0.3	SM-8	238	Systematic	N/A
37.6	0.3	SM-9	259	Systematic	N/A
42.3	0.3	SM-10	-27	Systematic	N/A
51.7	0.3	SM-11	184	Systematic	N/A
Sample locations are measured from the lower left corner of the survey unit.					

Survey Unit CV-1-22
CV Dome Lower Wall - 2m to 6m - Section #1



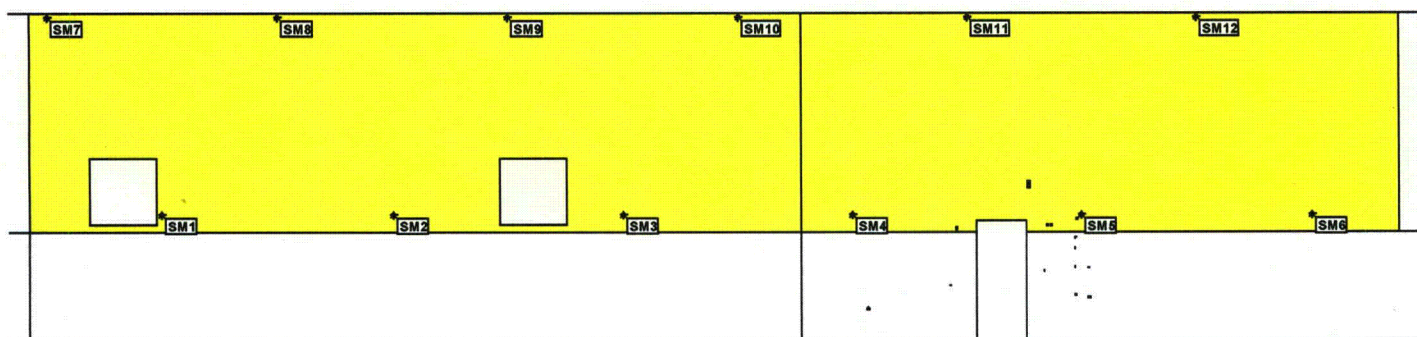
CV-1-22 AREA: CV Dome Lower Wall (2m to 6m), Section #1 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.7	3.3	SM-1	197	Systematic	N/A
2.3	0.3	SM-2	184	Systematic	N/A
6.2	0.3	SM-3	190	Systematic	N/A
10.2	0.3	SM-4	88	Systematic	N/A
14.2	0.3	SM-5	415	Systematic	N/A
18.1	0.3	SM-6	224	Systematic	N/A
0.3	3.7	SM-7	109	Systematic	N/A
4.3	3.7	SM-8	238	Systematic	N/A
8.2	3.7	SM-9	272	Systematic	N/A
12.2	3.7	SM-10	163	Systematic	N/A
16.2	3.7	SM-11	116	Systematic	N/A
20.1	3.7	SM-12	170	Systematic	N/A
Sample locations are measured from the lower left corner of the survey unit.					

Survey Unit CV-1-23
CV Dome Lower Wall - 2m to 6m - Section #2



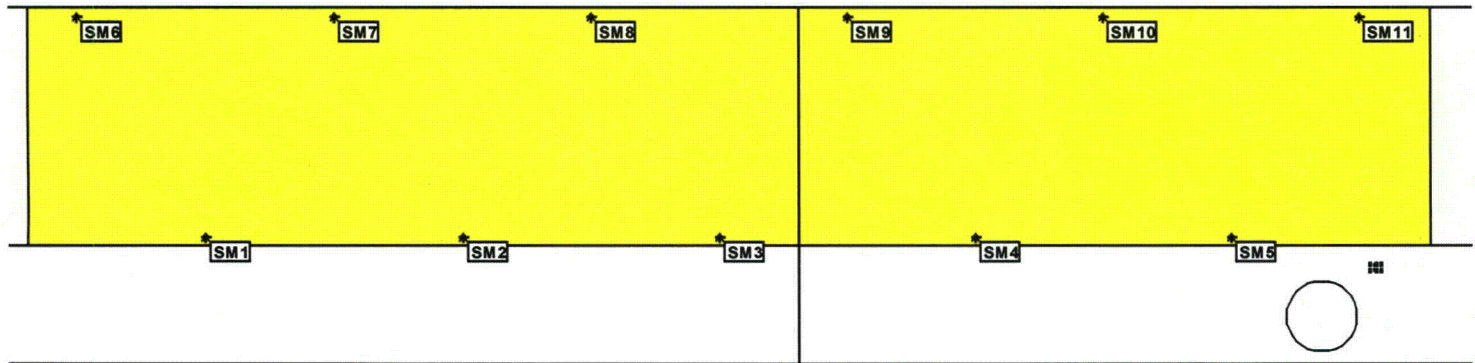
CV-1-23					
AREA: CV Dome Lower Wall (2m to 6m), Section #2					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.2	0.1	SM-1	211	Systematic	N/A
4.6	0.1	SM-2	14	Systematic	N/A
9.0	0.1	SM-3	27	Systematic	N/A
13.4	0.1	SM-4	34	Systematic	N/A
17.9	0.1	SM-5	456	Systematic	N/A
22.3	0.1	SM-6	190	Systematic	N/A
2.4	3.9	SM-7	265	Systematic	N/A
6.8	3.9	SM-8	218	Systematic	N/A
11.2	3.9	SM-9	313	Systematic	N/A
15.7	3.9	SM-10	136	Systematic	N/A
20.1	3.9	SM-11	177	Systematic	N/A
Sample locations are measured from the lower left corner of the survey unit.					

Survey Unit CV-1-24
CV Dome Lower Wall - 2m to 6m - Section #3



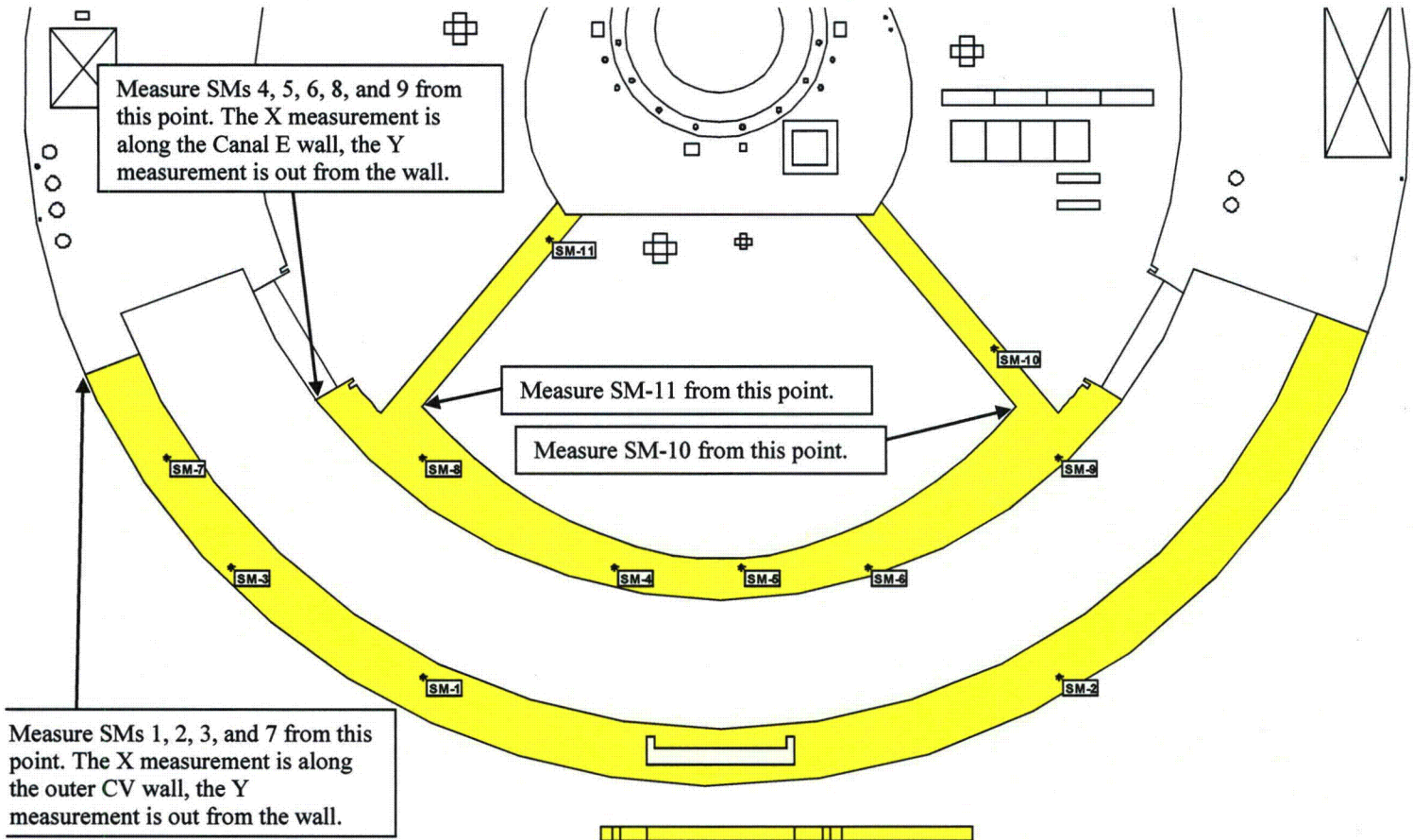
CV-1-24 AREA: CV Dome Lower Wall (2m to 6m), Section #3 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
2.4	0.3	SM-1	-27	Systematic	N/A
6.7	0.3	SM-2	449	Systematic	N/A
10.9	0.3	SM-3	109	Systematic	N/A
15.1	0.3	SM-4	156	Systematic	N/A
19.3	0.3	SM-5	388	Systematic	N/A
23.6	0.3	SM-6	327	Systematic	N/A
0.3	4.0	SM-7	197	Systematic	N/A
4.6	4.0	SM-8	48	Systematic	N/A
8.8	4.0	SM-9	95	Systematic	N/A
13.0	4.0	SM-10	259	Systematic	N/A
17.2	4.0	SM-11	109	Systematic	N/A
21.4	4.0	SM-12	68	Systematic	N/A
Sample locations are measured from the lower left corner of the survey unit.					

Survey Unit CV-1-25
CV Dome Lower Wall - 2m to 6m - Section #4



CV-1-25 AREA: CV Dome Lower Wall (2m to 6m), Section #4 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
3.0	0.1	SM-1	14	Systematic	N/A
7.3	0.1	SM-2	204	Systematic	N/A
11.6	0.1	SM-3	361	Systematic	N/A
15.9	0.1	SM-4	-68	Systematic	N/A
20.2	0.1	SM-5	82	Systematic	N/A
0.8	3.9	SM-6	20	Systematic	N/A
5.1	3.9	SM-7	286	Systematic	N/A
9.4	3.9	SM-8	204	Systematic	N/A
13.8	3.9	SM-9	245	Systematic	N/A
18.1	3.9	SM-10	299	Systematic	N/A
22.4	3.9	SM-11	265	Systematic	N/A
Sample locations are measured from the lower left corner of the survey unit.					

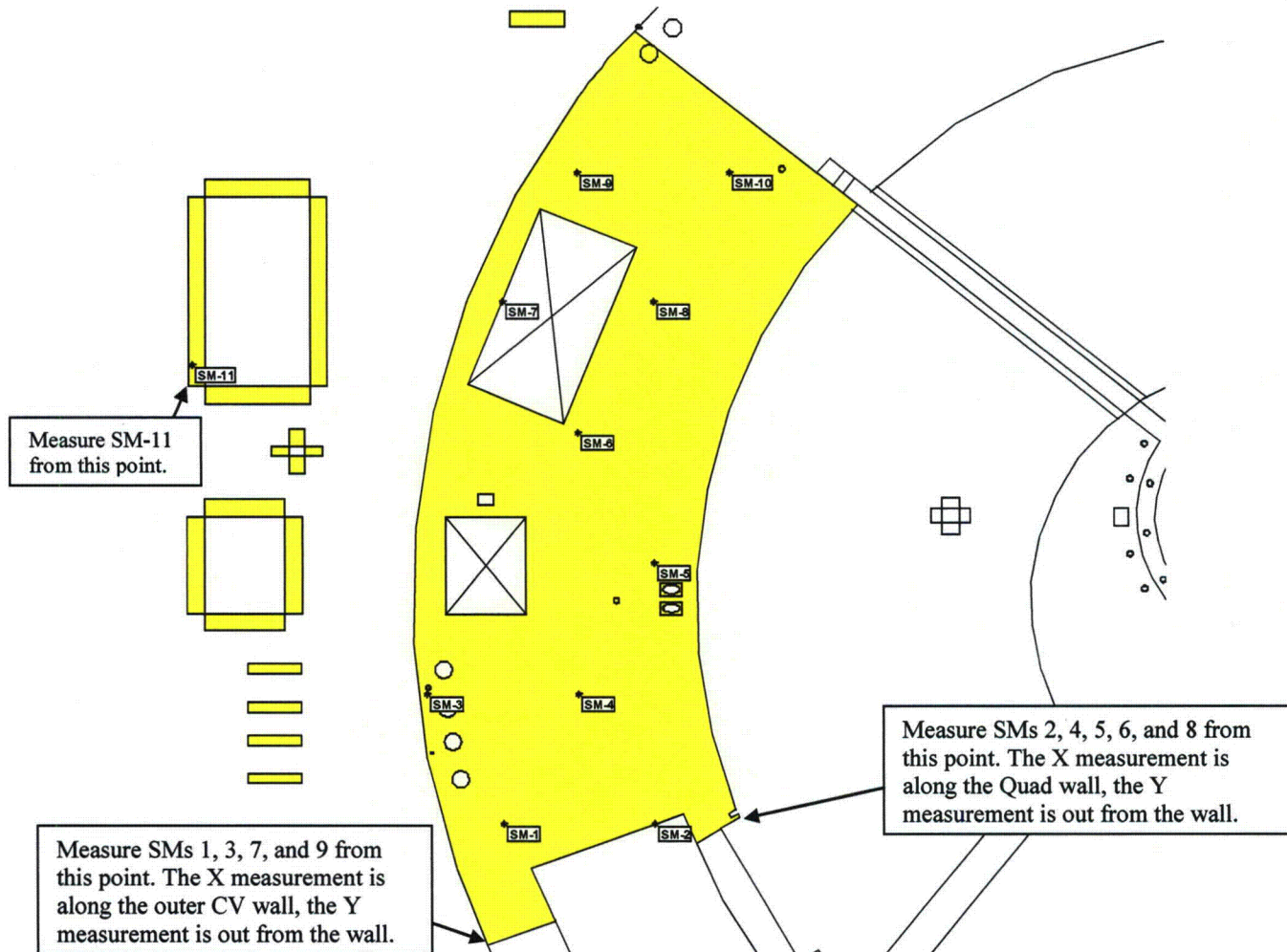
Survey Unit CV-1-26
CV 0' - Floor Section #1



CV-1-26*					
AREA: CV Floor Section #1					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
10.4	0.8	SM-1	634	Systematic	N/A
23.5	0.3	SM-2	-242	Systematic	N/A
5.4	0.2	SM-3	131	Systematic	N/A
6.9	0.4	SM-4	549	Systematic	N/A
10.3	0.7	SM-5	641	Systematic	N/A
12.0	0.2	SM-6	484	Systematic	N/A
2.4	0.7	SM-7	641	Systematic	N/A
2.6	0.8	SM-8	556	Systematic	N/A
17.1	0.2	SM-9	281	Systematic	N/A
1.3	0.4	SM-10	935	Systematic	N/A
4.6	0.2	SM-11	647	Systematic	N/A

* Sample locations are measured from the point shown on the map.

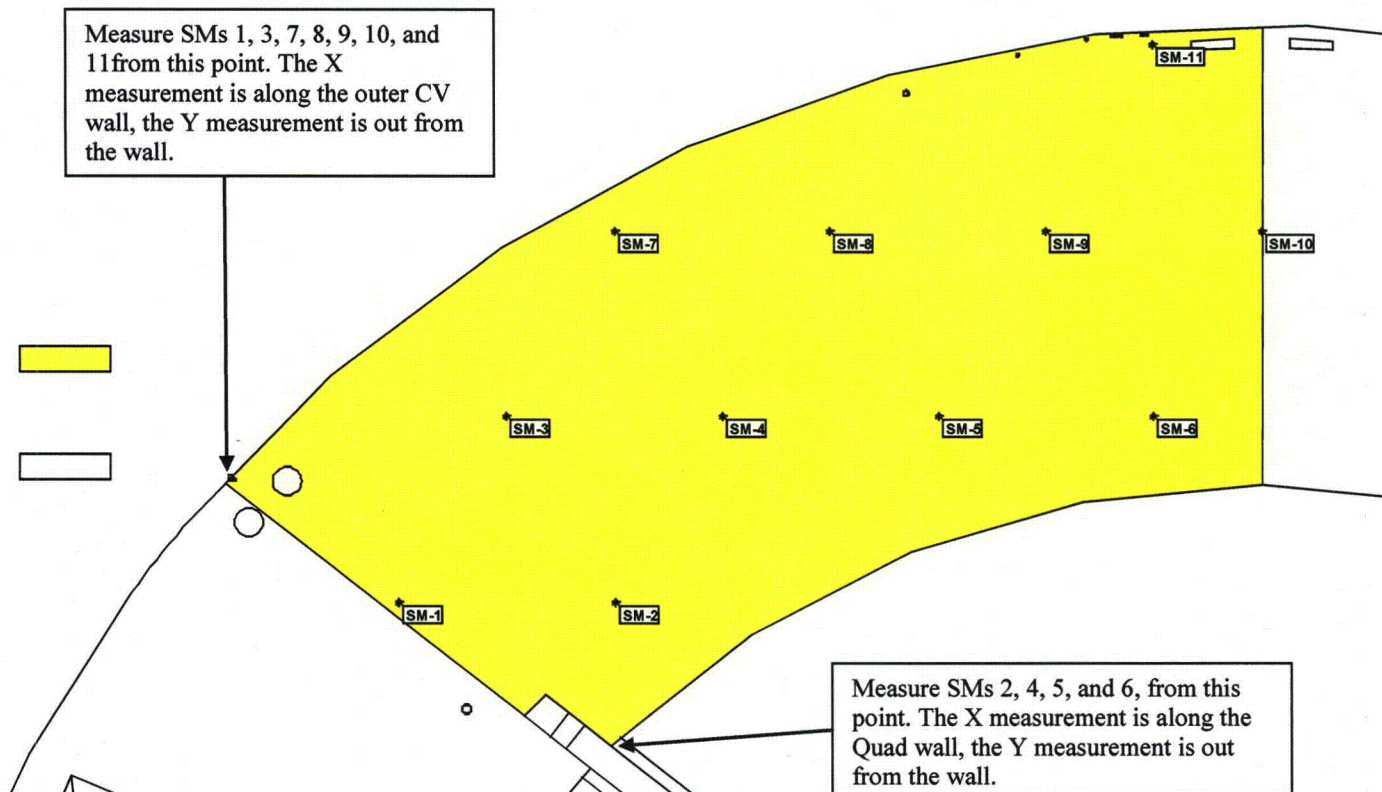
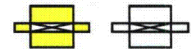
Survey Unit CV-1-27
CV 0' - Floor Section #2



CV-1-27*					
AREA: CV Floor Section #2					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
2.1	1.0	SM-1	427	Systematic	N/A
Edge	1.4	SM-2	713	Systematic	N/A
4.7	0.15	SM-3	147	Systematic	N/A
2.7	2.2	SM-4	608	Systematic	N/A
4.6	0.7	SM-5	266	Systematic	N/A
6.4	2.5	SM-6	678	Systematic	N/A
12.1	Edge	SM-7	-77	Systematic	N/A
8.7	2.0	SM-8	797	Systematic	N/A
14.8	0.7	SM-9	580	Systematic	N/A
10.9	2.1	SM-10	406	Systematic	N/A
0.4	Edge	SM-11	182	Systematic	N/A

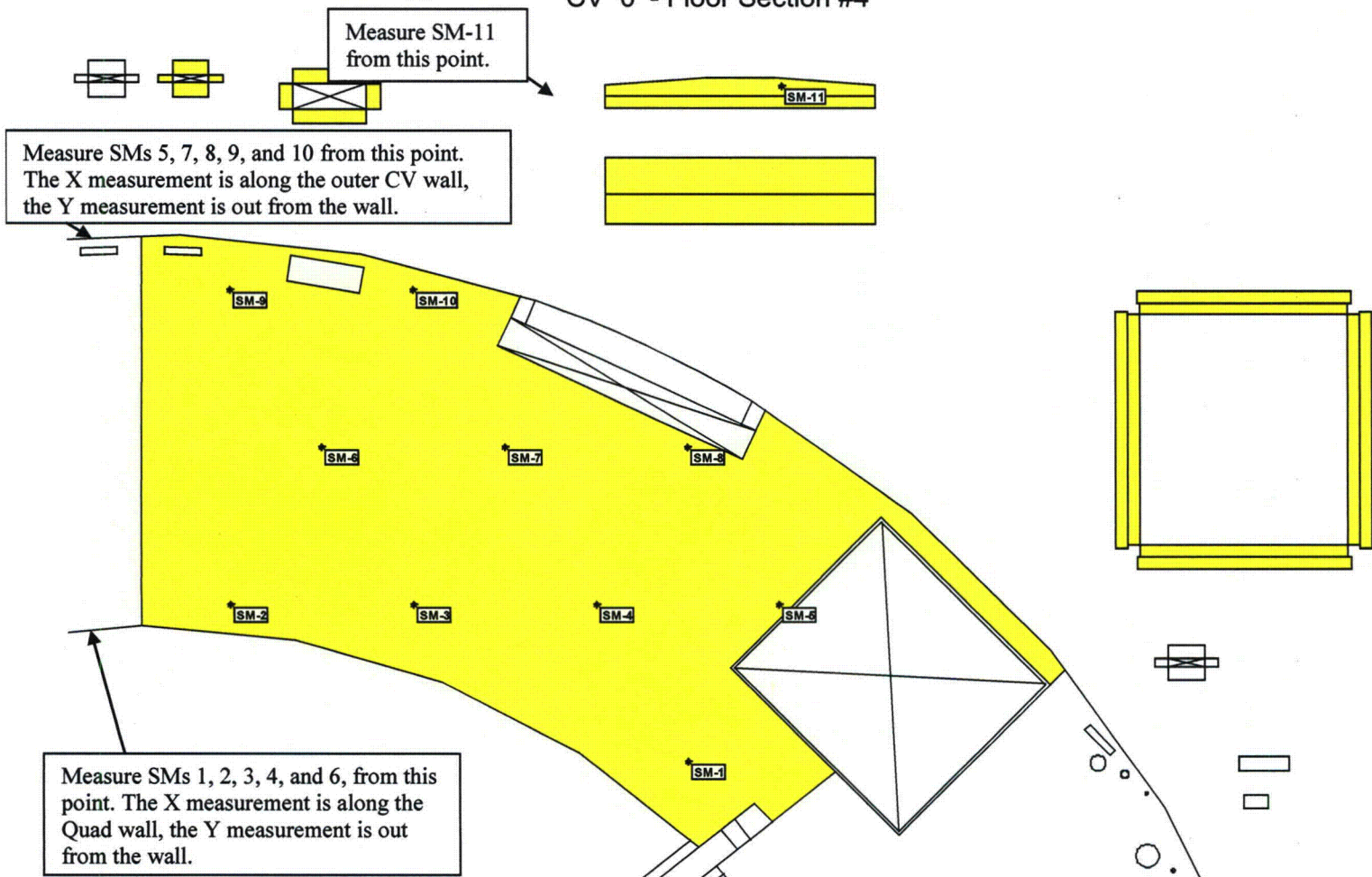
* Sample locations are measured from point shown on the map.

Survey Unit CV-1-28
CV 0' - Floor Section #3



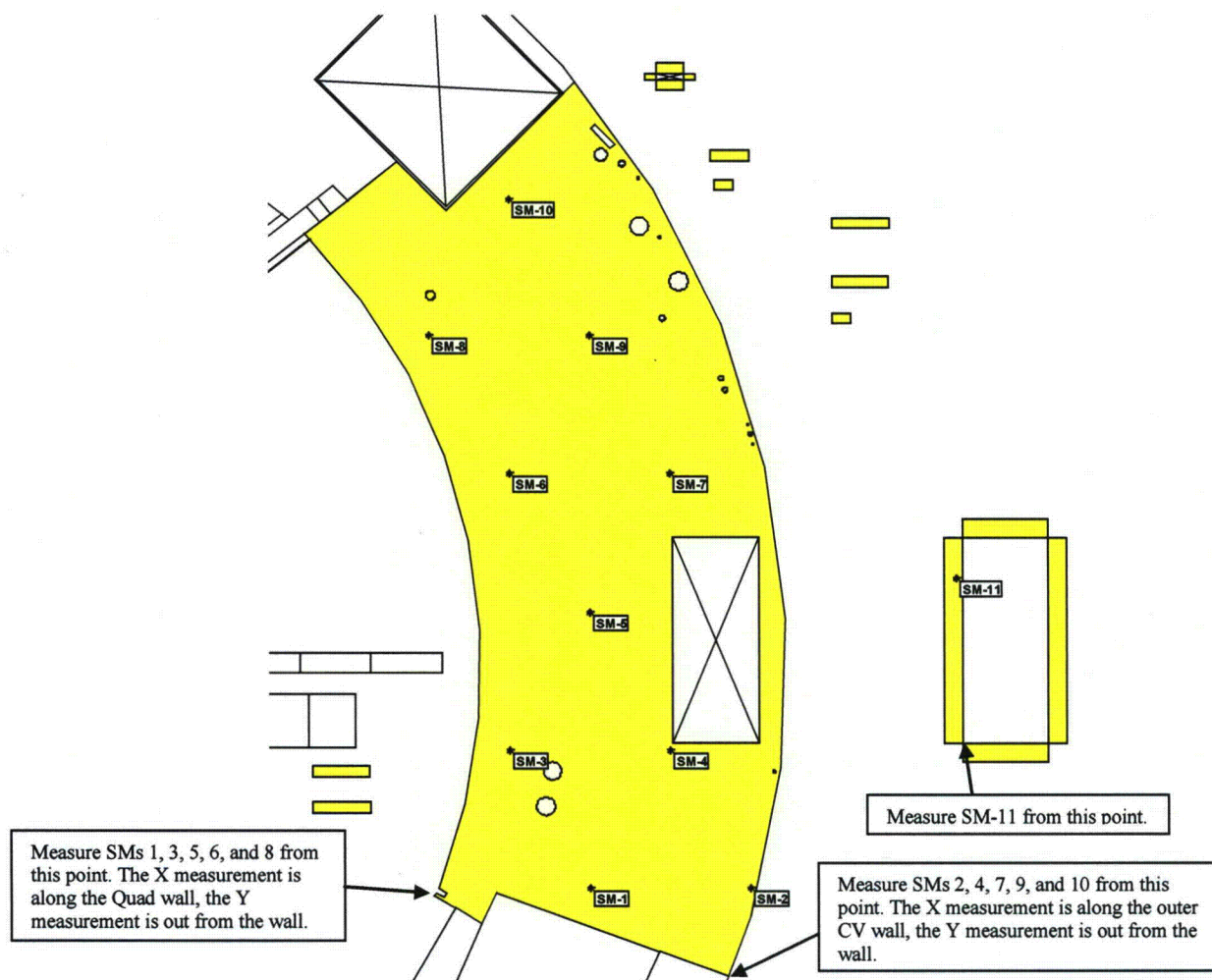
CV-1-28*					
AREA: CV Floor Section #3					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.1	2.3	SM-1	601	Systematic	N/A
1.0	1.2	SM-2	126	Systematic	N/A
2.6	1.5	SM-3	531	Systematic	N/A
2.8	2.2	SM-4	811	Systematic	N/A
4.8	1.4	SM-5	1021	Systematic	N/A
6.8	0.9	SM-6	497	Systematic	N/A
5.1	0.4	SM-7	559	Systematic	N/A
7.4	1.4	SM-8	462	Systematic	N/A
9.7	2.0	SM-9	951	Systematic	N/A
Edge	2.2	SM-10	615	Systematic	N/A
11.5	0.15	SM-11	580	Systematic	N/A
* Sample locations are measured from the point shown on the map					

Survey Unit CV-1-29
CV 0' - Floor Section #4



CV-1-29*					
AREA: CV Floor Section #4					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
7.0	0.8	SM-1	462	Systematic	N/A
1.0	0.4	SM-2	636	Systematic	N/A
3.2	0.9	SM-3	713	Systematic	N/A
5.1	1.8	SM-4	713	Systematic	N/A
10.0	1.9	SM-5	-56	Systematic	N/A
2.0	2.5	SM-6	203	Systematic	N/A
5.4	1.9	SM-7	762	Systematic	N/A
7.7	0.9	SM-8	839	Systematic	N/A
1.2	0.6	SM-9	867	Systematic	N/A
3.6	0.3	SM-10	259	Systematic	N/A
2.2	0.15	SM-11	-77	Systematic	N/A
* Sample locations are measured from the point shown on the map					

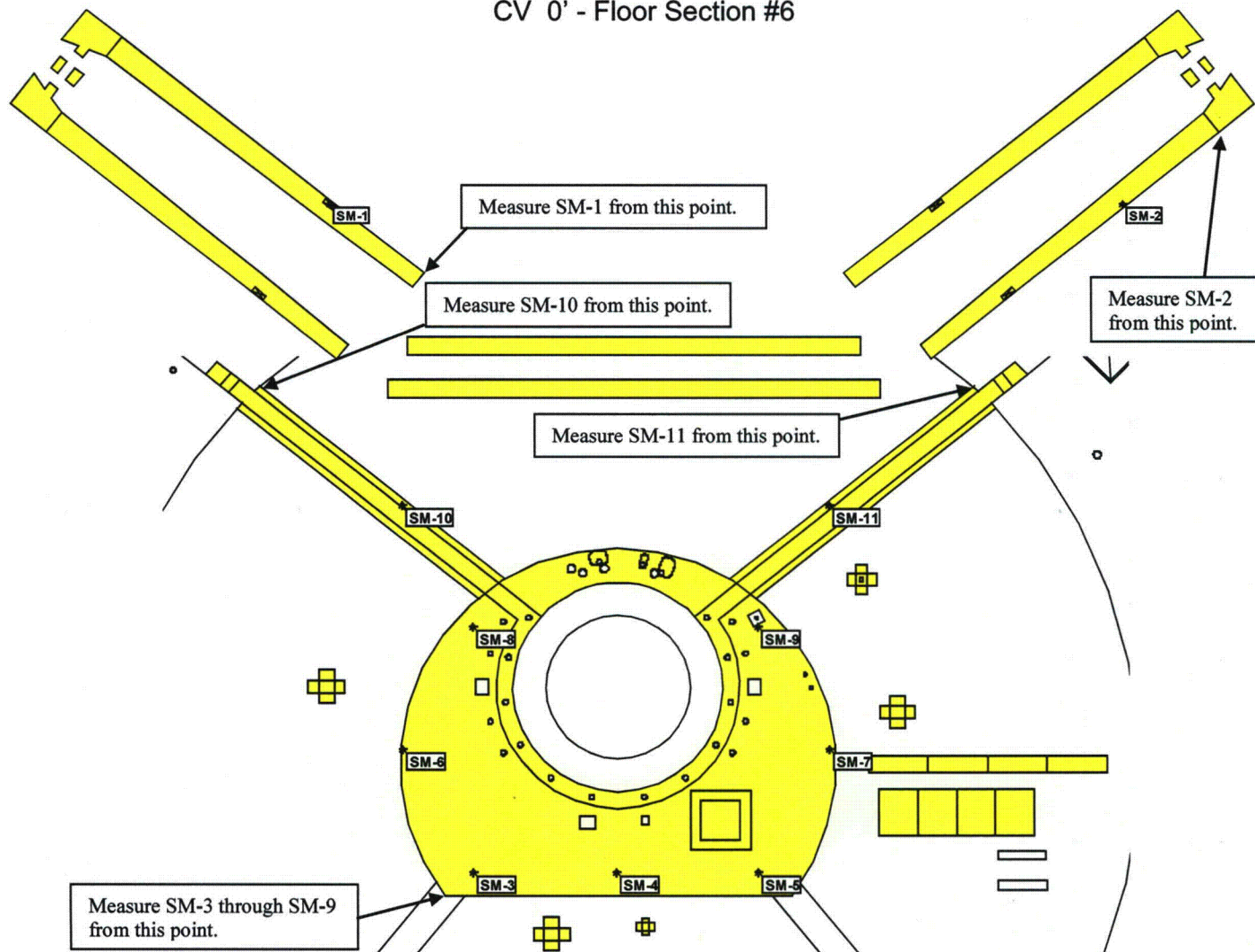
Survey Unit CV-1-30
CV 0' - Floor Section #5



CV-1-30*					
AREA: CV Floor Section #5					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.0	2.4	SM-1	281	Systematic	N/A
1.5	0.15	SM-2	209	Systematic	N/A
2.7	0.6	SM-3	510	Systematic	N/A
3.8	1.8	SM-4	771	Systematic	N/A
4.6	1.8	SM-5	412	Systematic	N/A
6.9	0.9	SM-6	425	Systematic	N/A
8.8	1.5	SM-7	124	Systematic	N/A
9.3	0.6	SM-8	784	Systematic	N/A
11.7	2.0	SM-9	562	Systematic	N/A
14.8	2.0	SM-10	595	Systematic	N/A
2.7	Edge	SM-11	458	Systematic	N/A

* Sample locations are measured from the point shown on the map.

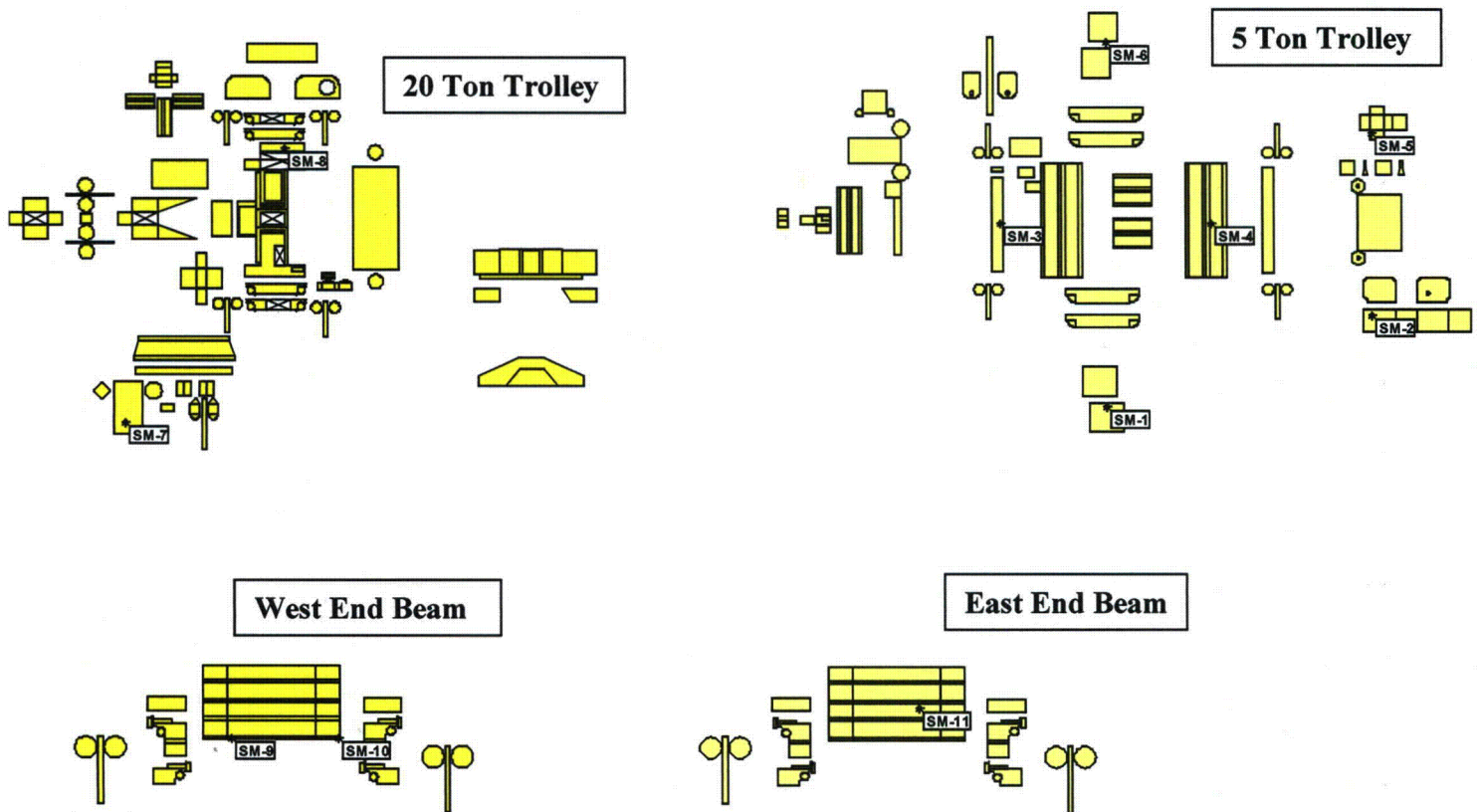
Survey Unit CV-1-31
CV 0' - Floor Section #6



CV-1-31*					
AREA: CV Floor Section #6					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
2.5	Edge	SM-1	105	Systematic	N/A
2.5	Edge	SM-2	78	Systematic	N/A
0.6	0.5	SM-3	451	Systematic	N/A
3.3	0.5	SM-4	484	Systematic	N/A
6.1	0.5	SM-5	673	Systematic	N/A
Edge	2.9	SM-6	641	Systematic	N/A
7.5	2.9	SM-7	634	Systematic	N/A
0.6	5.3	SM-8	418	Systematic	N/A
-0.8	5.3	SM-9	1007	Systematic	N/A
3.6	Edge	SM-10	952	Systematic	N/A
3.7	Edge	SM-11	1008	Systematic	N/A

* Sample locations are measured from the points shown on the map

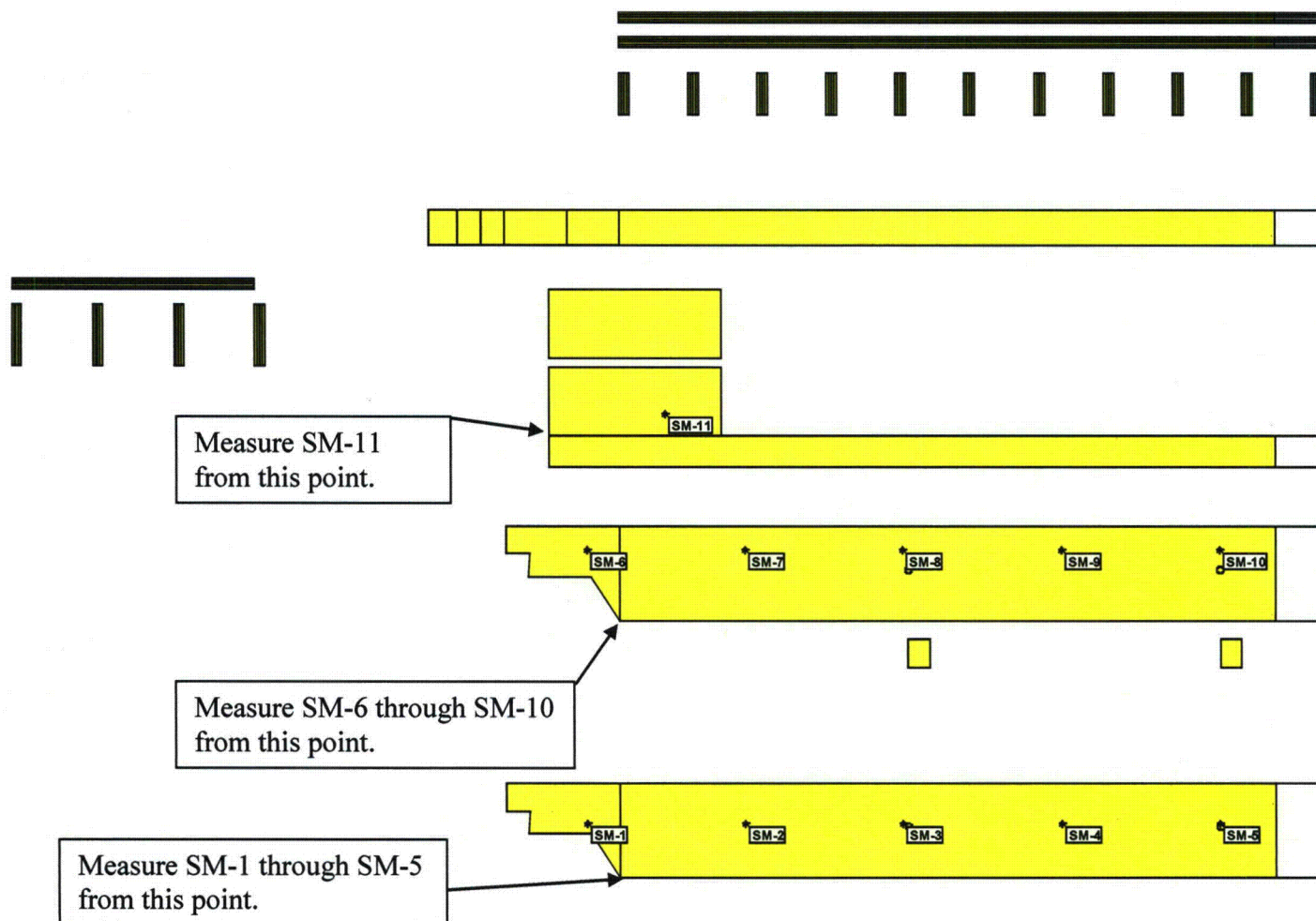
Survey Unit CV-1-32
CV Polar Crane – 5 & 20 Ton Hoist Trolleys and End Beams



CV-1-32*					
AREA: CV Polar Crane – 5 & 20 Ton Hoist Trolleys and End Beams					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.5	0.7	SM-1	351	Systematic	N/A
0.2	0.5	SM-2	608	Systematic	N/A
0.2	1.4	SM-3	541	Systematic	N/A
Edge	1.5	SM-4	405	Systematic	N/A
Edge	Edge	SM-5	135	Systematic	N/A
0.5	Edge	SM-6	135	Systematic	N/A
0.3	0.4	SM-7	95	Systematic	N/A
0.7	0.1	SM-8	95	Systematic	N/A
0.1	Edge	SM-9	264	Systematic	N/A
Edge	Edge	SM-10	81	Systematic	N/A
1.9	0.2	SM-11	547	Systematic	N/A

* Sample locations are measured from the lower left corner of the surface on which they lie.

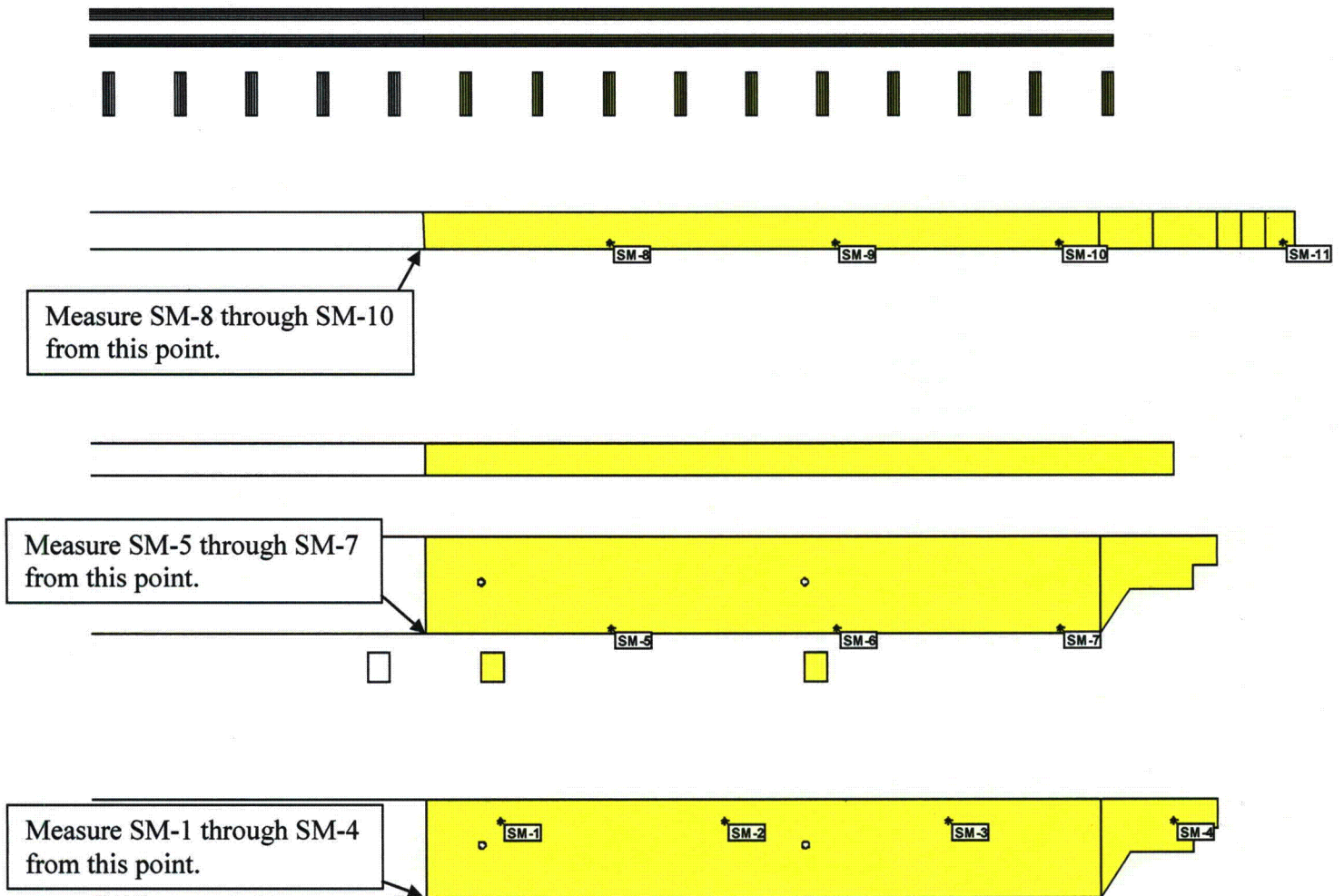
Survey Unit CV-1-33
CV Polar Crane West Half of North Rail



CV-1-33*					
AREA: CV Polar Crane West Half of North Rail					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
-0.6	1.1	SM-1	257	Systematic	N/A
2.4	1.1	SM-2	385	Systematic	N/A
5.5	1.1	SM-3	68	Systematic	N/A
8.6	1.1	SM-4	135	Systematic	N/A
11.6	1.1	SM-5	95	Systematic	N/A
-0.6	1.5	SM-6	135	Systematic	N/A
2.4	1.5	SM-7	182	Systematic	N/A
5.5	1.5	SM-8	-7	Systematic	N/A
8.6	1.5	SM-9	95	Systematic	N/A
11.6	1.5	SM-10	277	Systematic	N/A
2.2	0.4	SM-11	20	Systematic	N/A

* Sample locations are measured from the points shown on the map.

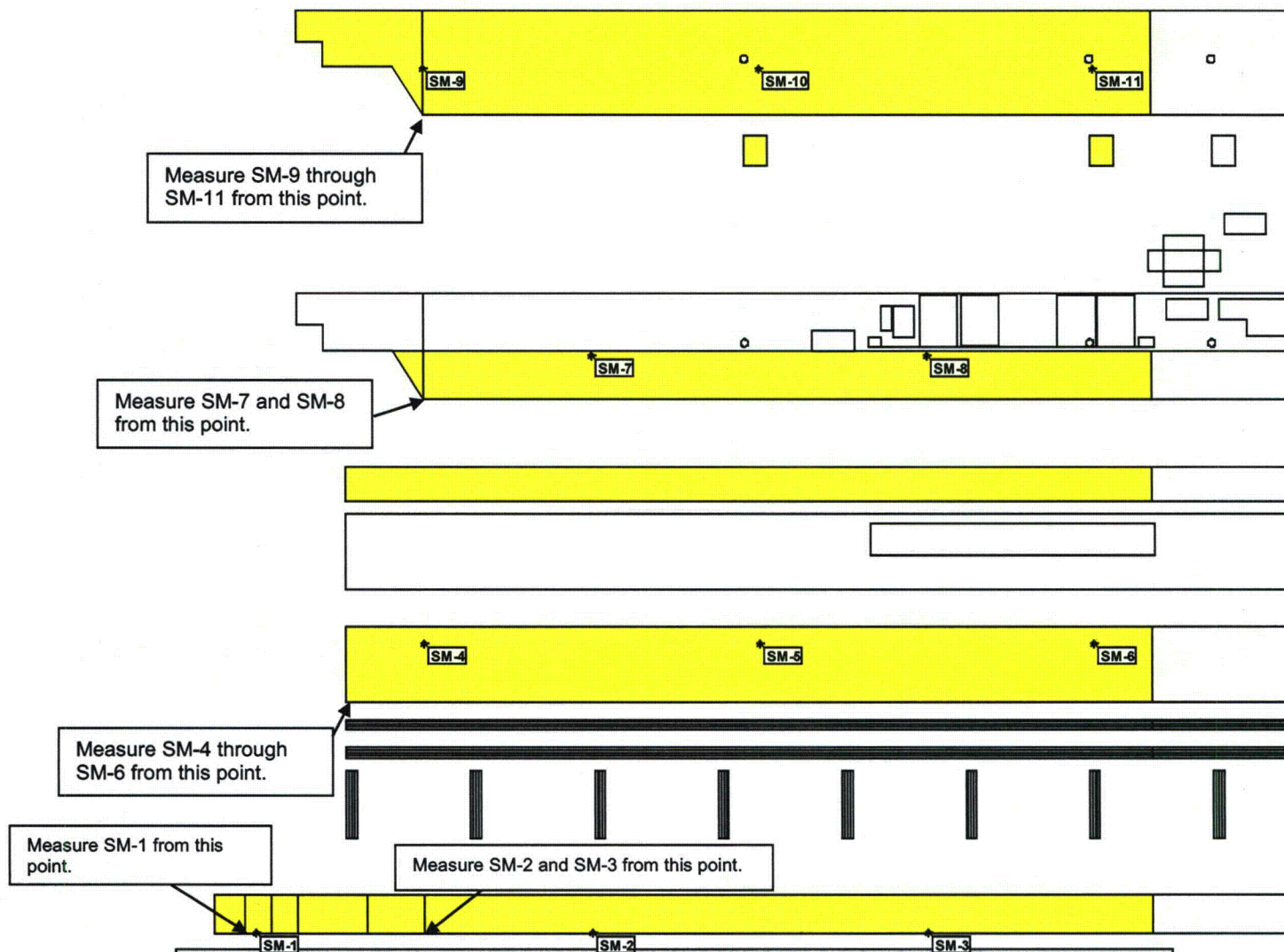
Survey Unit CV-1-34
CV Polar Crane East Half of North Rail



CV-1-34*					
AREA: CV Polar Crane East Half of North Rail					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.4	1.5	SM-1	155	Systematic	N/A
5.6	1.5	SM-2	250	Systematic	N/A
9.8	1.5	SM-3	250	Systematic	N/A
14.0	1.5	SM-4	304	Systematic	N/A
3.5	0.1	SM-5	236	Systematic	N/A
7.7	0.1	SM-6	135	Systematic	N/A
11.9	0.1	SM-7	47	Systematic	N/A
3.5	0.1	SM-8	405	Systematic	N/A
7.7	0.1	SM-9	-88	Systematic	N/A
11.9	0.1	SM-10	135	Systematic	N/A
0.3	0.1	SM-11	128	Systematic	N/A

* Sample locations are measured from the points shown on the map.

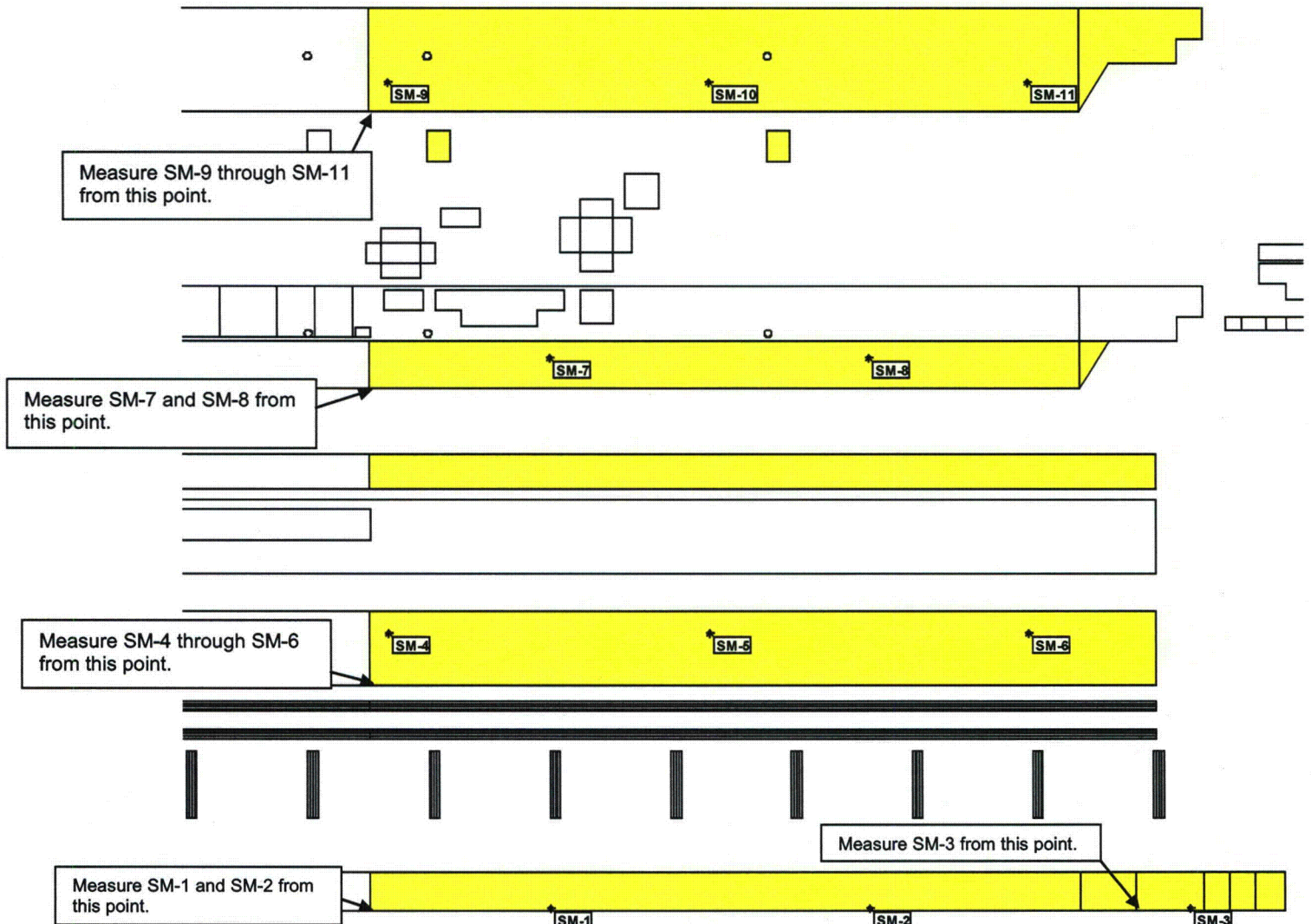
Survey Unit CV-1-35
CV Polar Crane West Half of South Rail



CV-1-35*					
AREA: CV Polar Crane West Half of South Rail					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.2	Edge	SM-1	345	Systematic	N/A
2.9	Edge	SM-2	7	Systematic	N/A
8.8	Edge	SM-3	20	Systematic	N/A
1.3	1.0	SM-4	419	Systematic	N/A
7.2	1.0	SM-5	304	Systematic	N/A
13.0	1.0	SM-6	68	Systematic	N/A
2.9	0.8	SM-7	189	Systematic	N/A
8.8	0.8	SM-8	-7	Systematic	N/A
0.0	0.8	SM-9	257	Systematic	N/A
5.8	0.8	SM-10	115	Systematic	N/A
11.7	0.8	SM-11	203	Systematic	N/A

* Sample locations are measured from the points shown on the map .

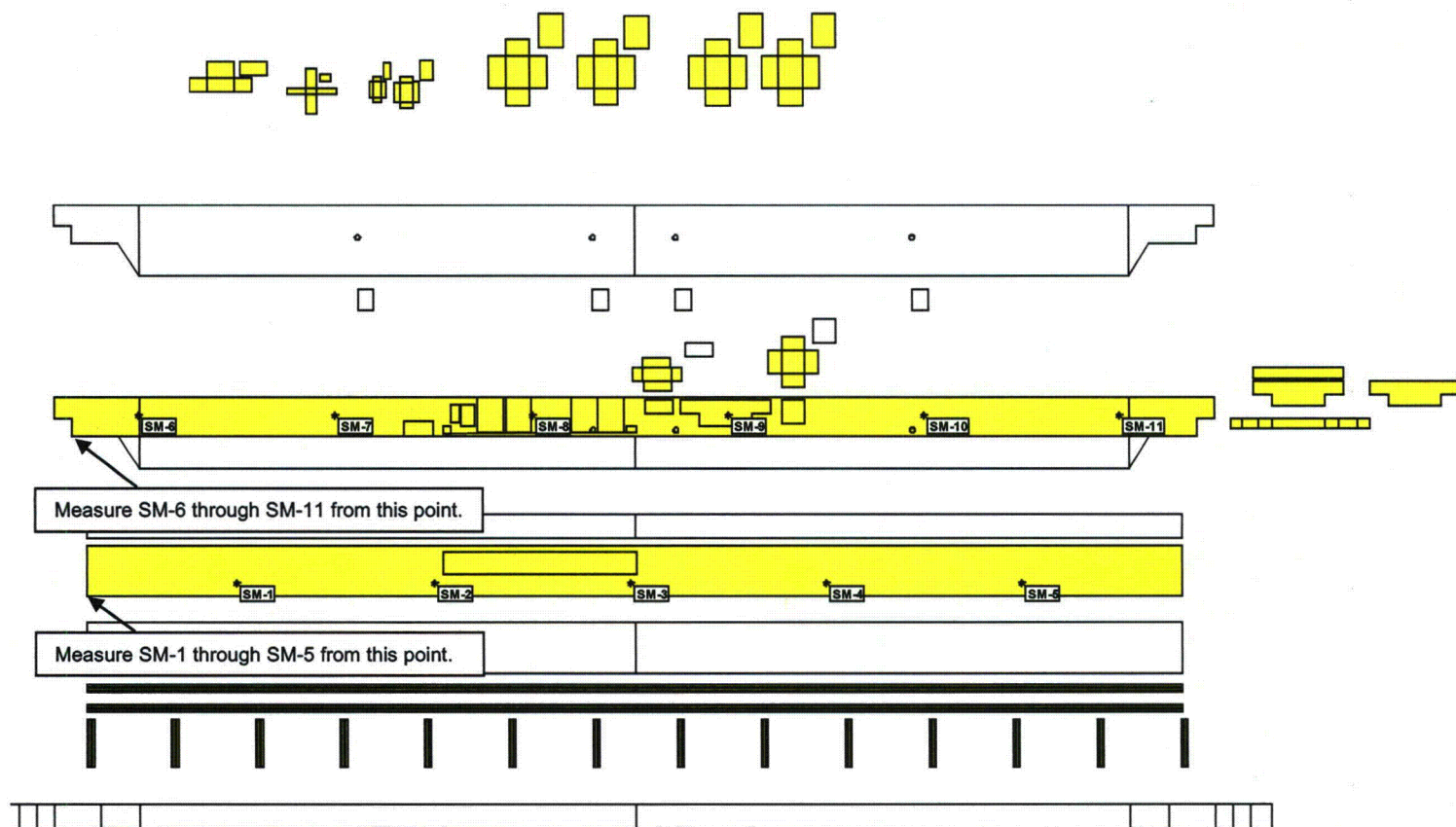
Survey Unit CV-1-36
CV Polar Crane - East Half of South Rail



CV-1-36*					
AREA: CV Polar Crane - East Half of South Rail					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
3.2	0.1	SM-1	149	Systematic	N/A
8.9	0.1	SM-2	223	Systematic	N/A
0.9	0.1	SM-3	230	Systematic	N/A
0.4	0.9	SM-4	405	Systematic	N/A
6.1	0.9	SM-5	47	Systematic	N/A
11.8	0.9	SM-6	514	Systematic	N/A
3.2	0.6	SM-7	-41	Systematic	N/A
8.9	0.6	SM-8	142	Systematic	N/A
0.4	0.5	SM-9	385	Systematic	N/A
6.1	0.5	SM-10	135	Systematic	N/A
11.8	0.5	SM-11	196	Systematic	N/A

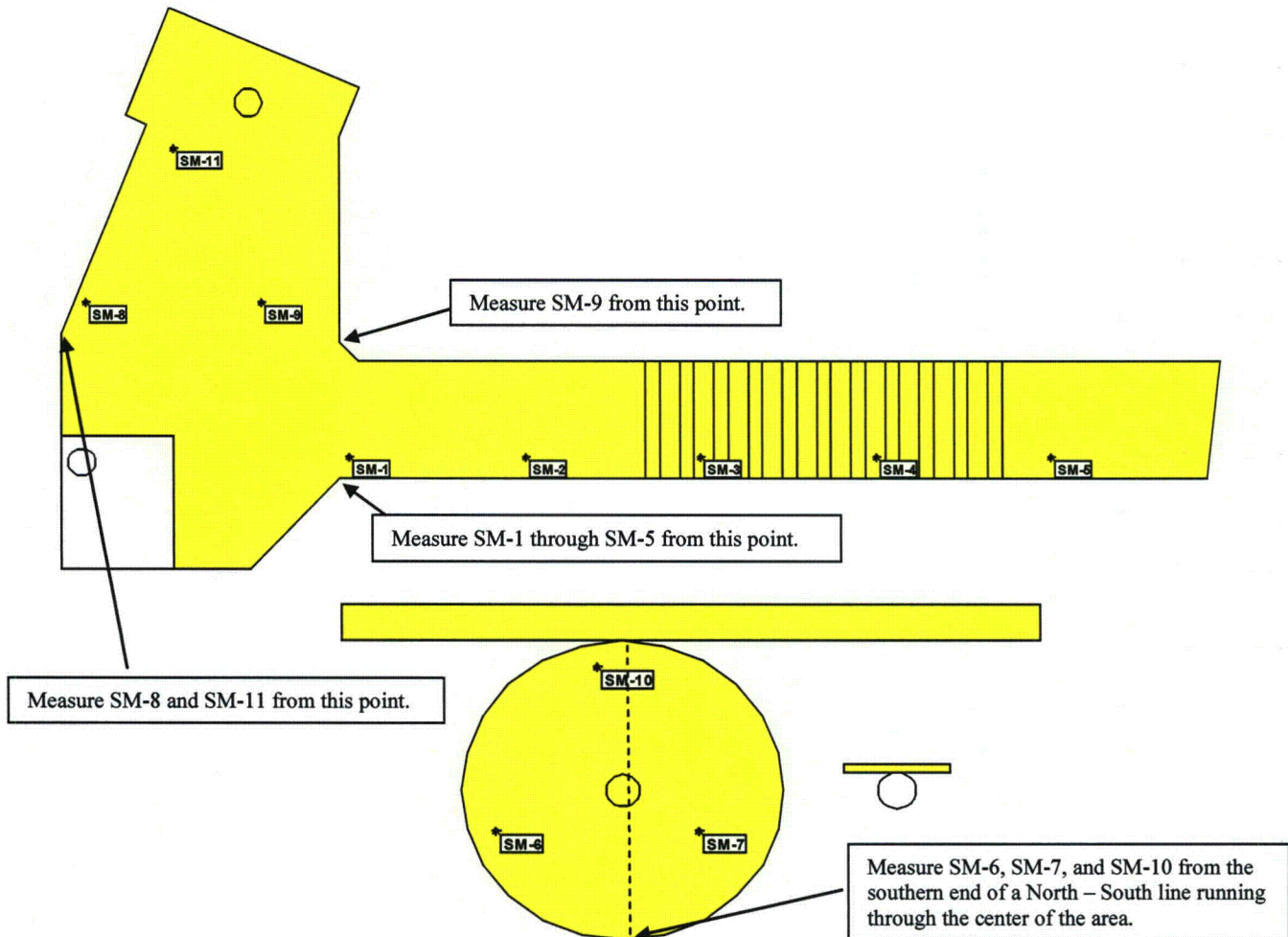
* Sample locations are measured from the points shown on the map.

Survey Unit CV-1-37
CV Polar Crane - South Rail Walkway



CV-1-37*					
AREA: CV Polar Crane - South Rail Walkway					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
3.8	0.4	SM-1	115	Systematic	N/A
8.9	0.4	SM-2	155	Systematic	N/A
13.9	0.4	SM-3	196	Systematic	N/A
19.0	0.4	SM-4	149	Systematic	N/A
24.0	0.4	SM-5	74	Systematic	N/A
1.7	0.5	SM-6	270	Systematic	N/A
6.8	0.5	SM-7	128	Systematic	N/A
11.8	0.5	SM-8	196	Systematic	N/A
16.8	0.5	SM-9	507	Systematic	N/A
21.9	0.5	SM-10	223	Systematic	N/A
26.9	0.5	SM-11	128	Systematic	N/A
* Sample locations are measured from the points shown on the map.					

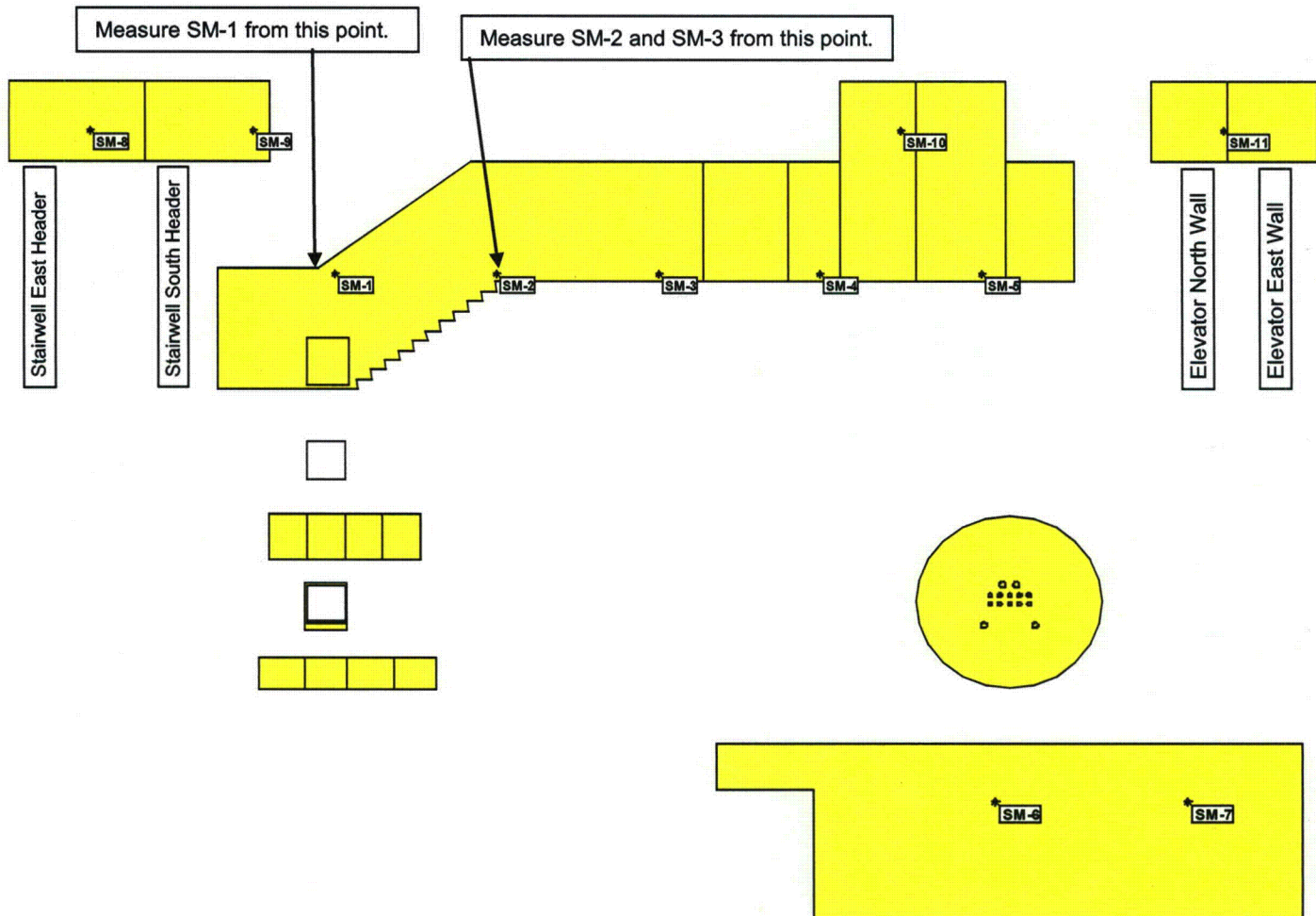
Survey Unit CV-3-1
CV Sub-Pile Room Floor and Liner Floor



CV-3-1 AREA: CV Sub-Pile Room Floor and Liner Floor Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.1	0.3	SM-1	790	Systematic	N/A
2.5	0.3	SM-2	645	Systematic	N/A
4.8	0.3	SM-3	734	Systematic	N/A
7.1	0.3	SM-4	1298	Systematic	N/A
9.5	0.3	SM-5	532	Systematic	N/A
-1.4	1.4	SM-6	22	Systematic	N/A
0.9	1.4	SM-7	215	Systematic	N/A
0.1	0.5	SM-8	887	Systematic	N/A
-1.0	0.5	SM-9	855	Systematic	N/A
-0.3	3.4	SM-10	733	Systematic	N/A
2.8	0.4	SM-11	669	Systematic	N/A
* Sample locations are measured from the points shown on the map					

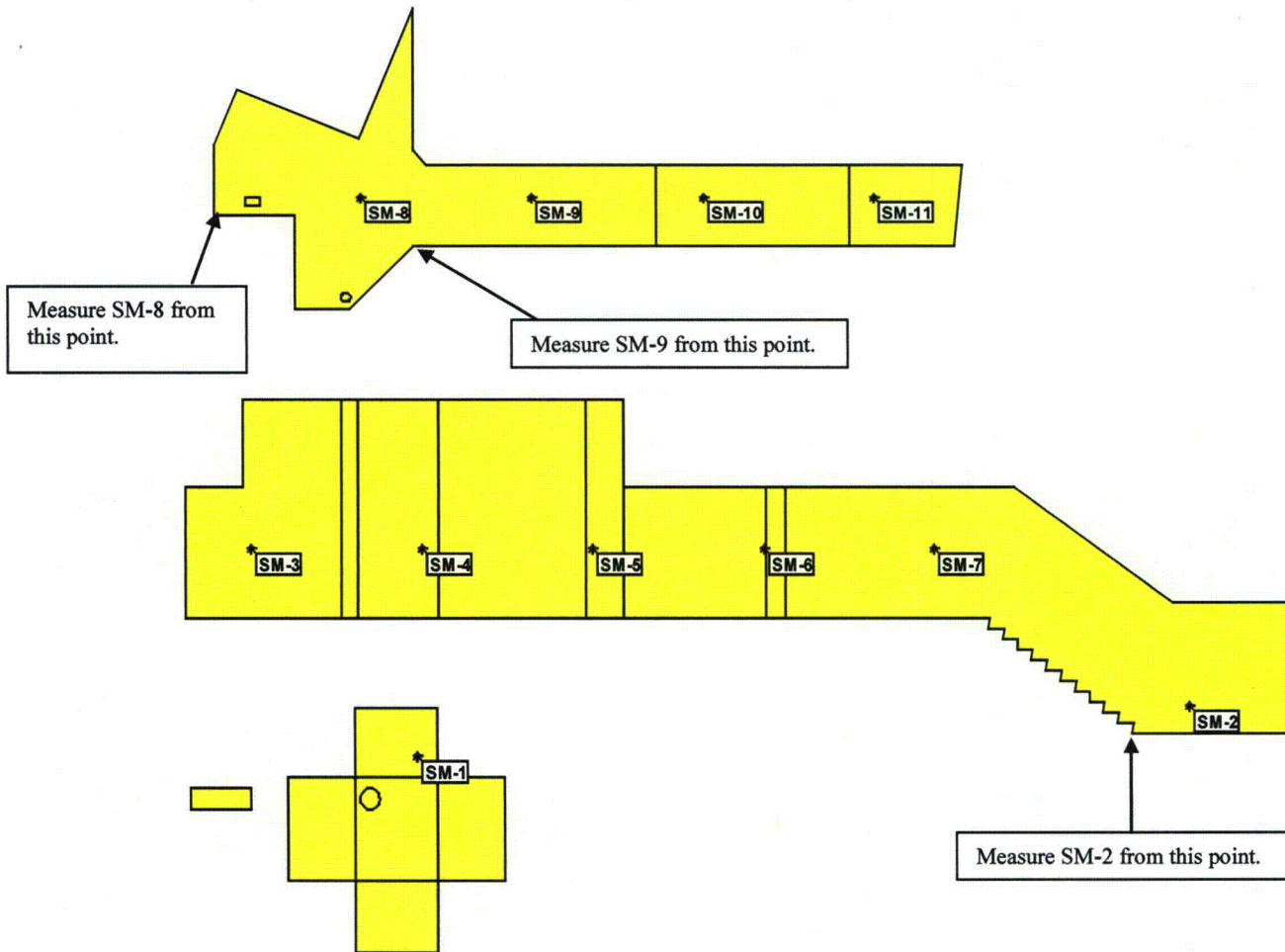
Survey Unit CV-3-2

CV Sub-Pile Room South Wall, Elevator walls, liner top/side, shielding plug vault



CV-3-2					
AREA: Sub-Pile Room South Wall, Elevator walls, liner top/side, shielding plug vault					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.3	0.2	SM-1	1,715	Systematic	N/A
0.1	0.2	SM-2	1026	Systematic	N/A
3.2	0.2	SM-3	874	Systematic	N/A
0.6	0.2	SM-4	947	Systematic	N/A
1.3	0.2	SM-5	775	Systematic	N/A
3.0	2.1	SM-6	1007	Systematic	N/A
6.1	2.1	SM-7	1159	Systematic	N/A
1.6	0.6	SM-8	914	Systematic	N/A
2.1	0.6	SM-9	954	Systematic	N/A
1.2	2.9	SM-10	530	Systematic	N/A
1.4	0.6	SM-11	556	Systematic	N/A
All of the sample measurements are taken from the southwest corner of the survey unit – except where noted otherwise.					

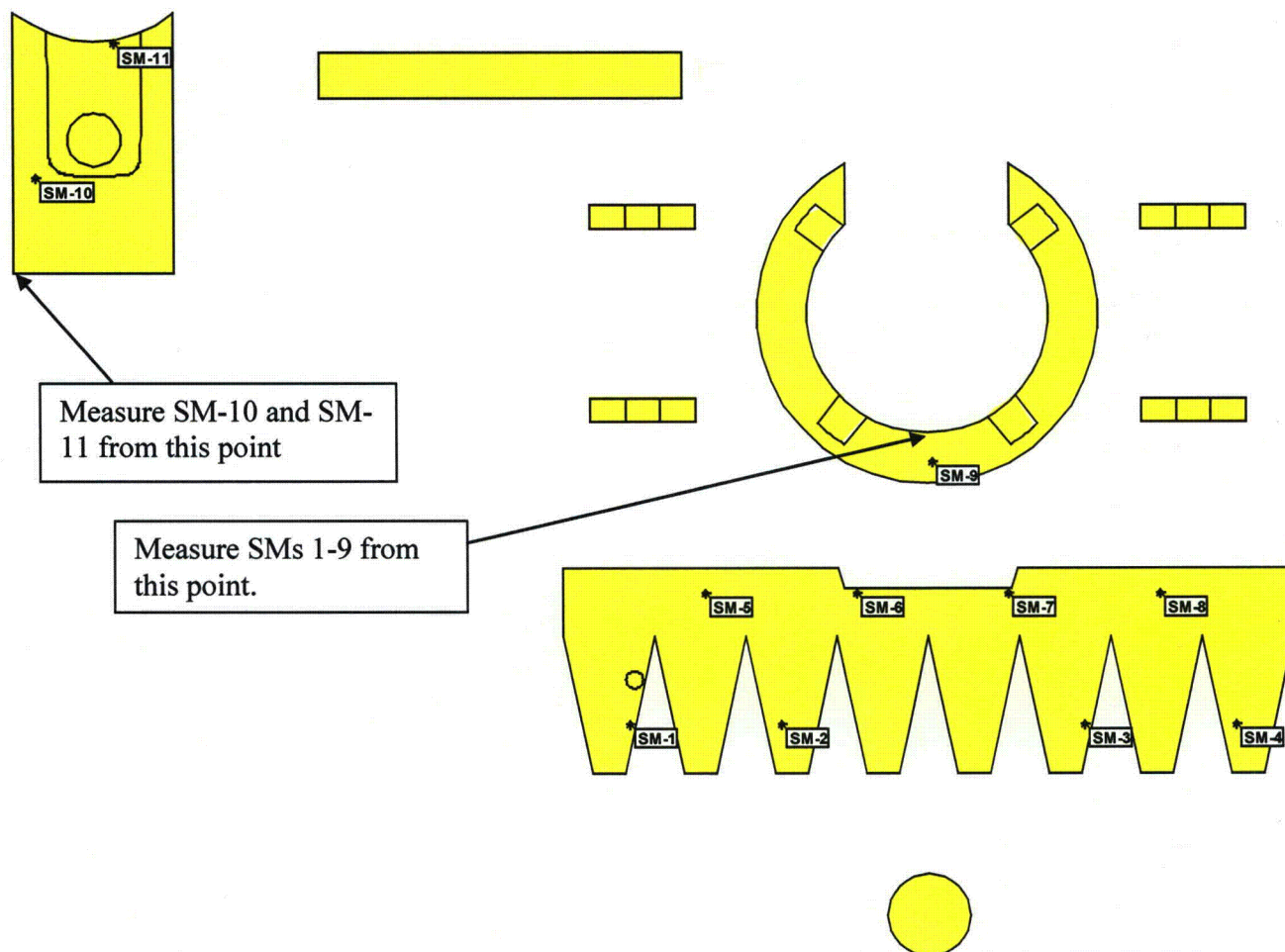
Survey Unit CV-3-3
CV Sub-Pile Room Ceiling. North Wall, Pipe Chase, Elevator Pit



CV-3-3 AREA: Ceiling. North Wall, Pipe Chase, Elevator Pit Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.1	0.4	SM-1	569	Systematic	N/A
1.1	0.5	SM-2	896	Systematic	N/A
1.2	1.2	SM-3	819	Systematic	N/A
1.2	1.2	SM-4	785	Systematic	N/A
0.1	1.2	SM-5	1167	Systematic	N/A
2.6	1.2	SM-6	514	Systematic	N/A
2.8	1.2	SM-7	813	Systematic	N/A
2.7	0.3	SM-8	125	Systematic	N/A
2.2	0.9	SM-9	1014	Systematic	N/A
0.9	0.9	SM-10	799	Systematic	N/A
0.5	0.9	SM-11	826	Systematic	N/A

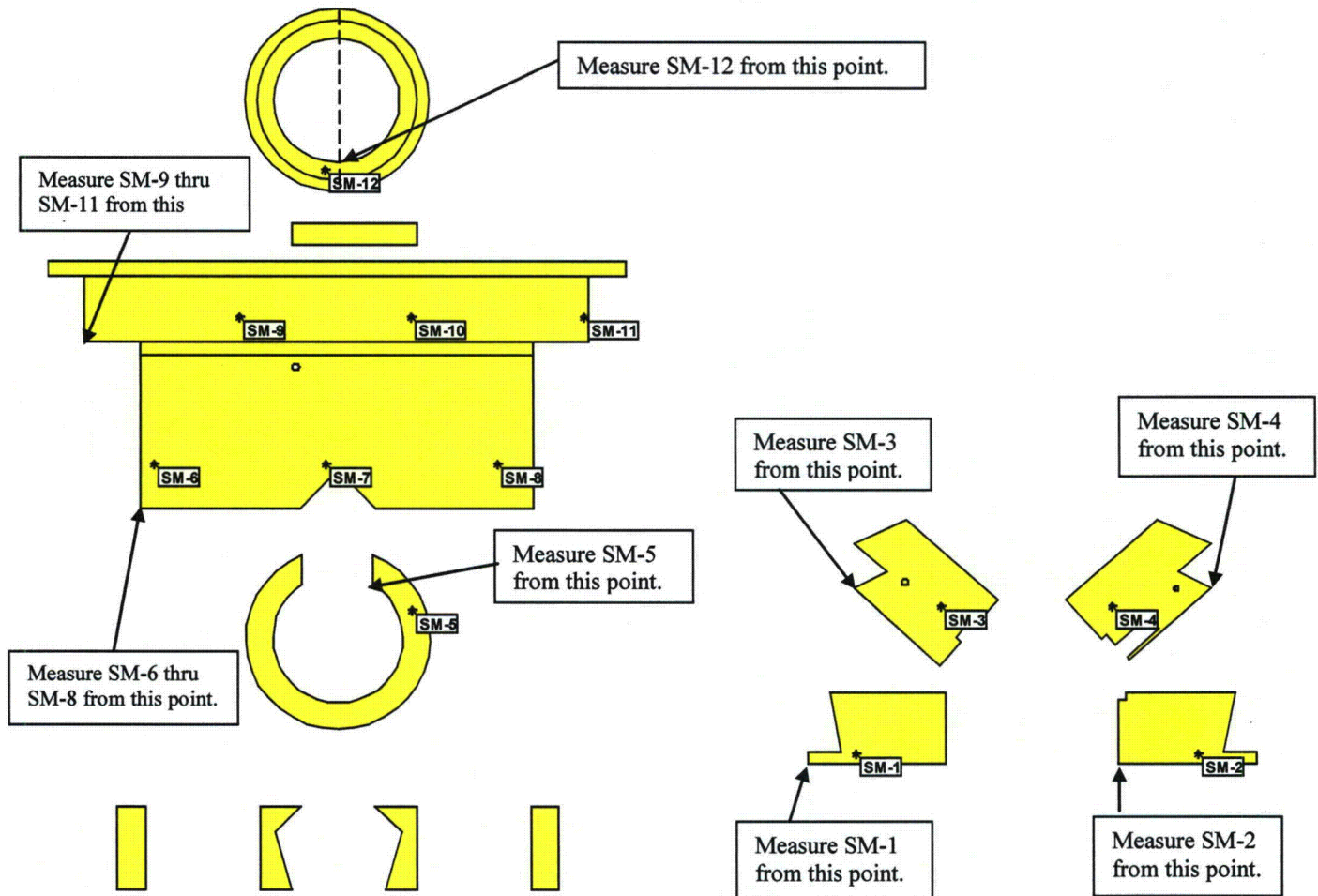
Sample measurements are taken from the lower left-hand corner of the surface on which they rest, except for SM-2, SM-8, and SM-9 which are measured from the location shown on the map

Survey Unit CV-3-4
CV Bioshield - Lower



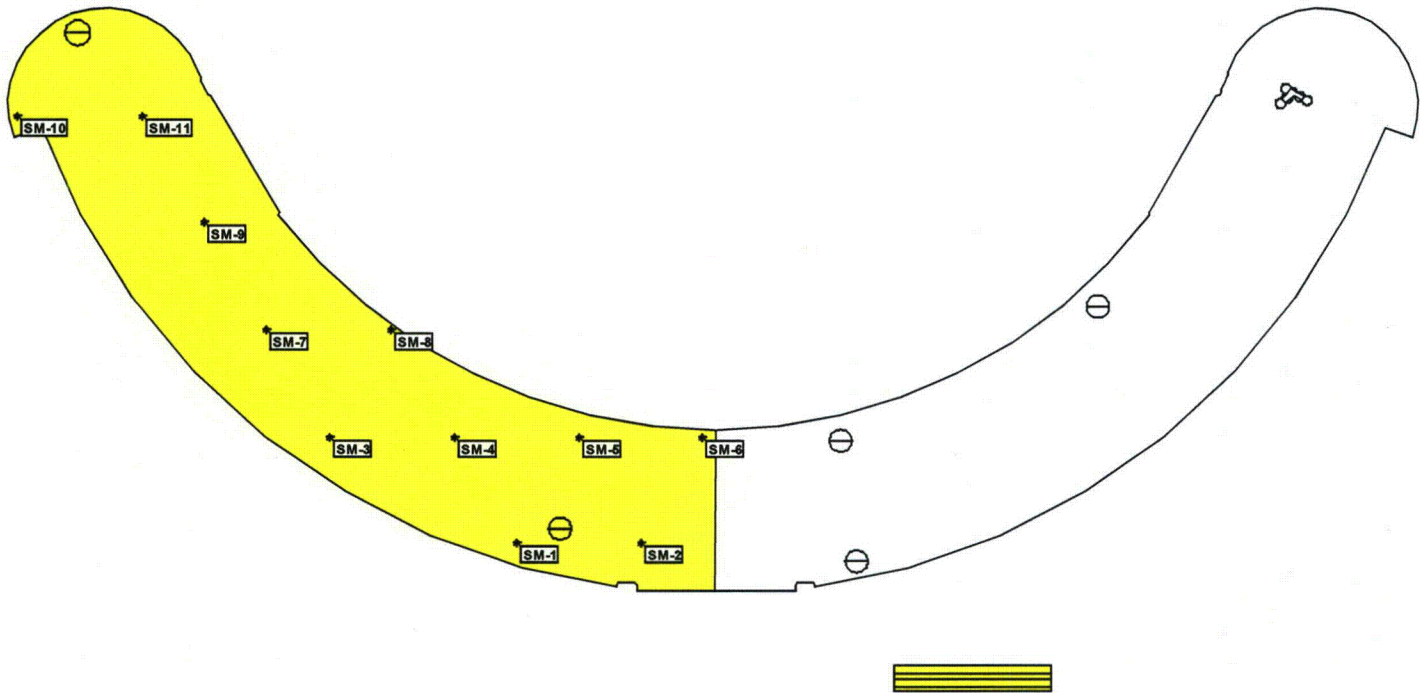
CV-3-4 AREA: CV Bioshield Lower Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.8	-1.9	SM-1	727	Systematic	N/A
2.6	-1.9	SM-2	707	Systematic	N/A
6.2	-1.9	SM-3	527	Systematic	N/A
8.0	-1.9	SM-4	673	Systematic	N/A
1.7	-0.3	SM-5	507	Systematic	N/A
3.5	-0.3	SM-6	433	Systematic	N/A
5.3	-0.3	SM-7	327	Systematic	N/A
7.1	-0.3	SM-8	180	Systematic	N/A
-0.3	edge	SM-9	280	Systematic	N/A
0.3	1.1	SM-10	113	Systematic	N/A
1.2	2.7	SM-11	379	Systematic	N/A
Sample locations are measured from the locations designated on the survey unit map.					

Survey Unit CV-3-5
CV Bioshield - Upper



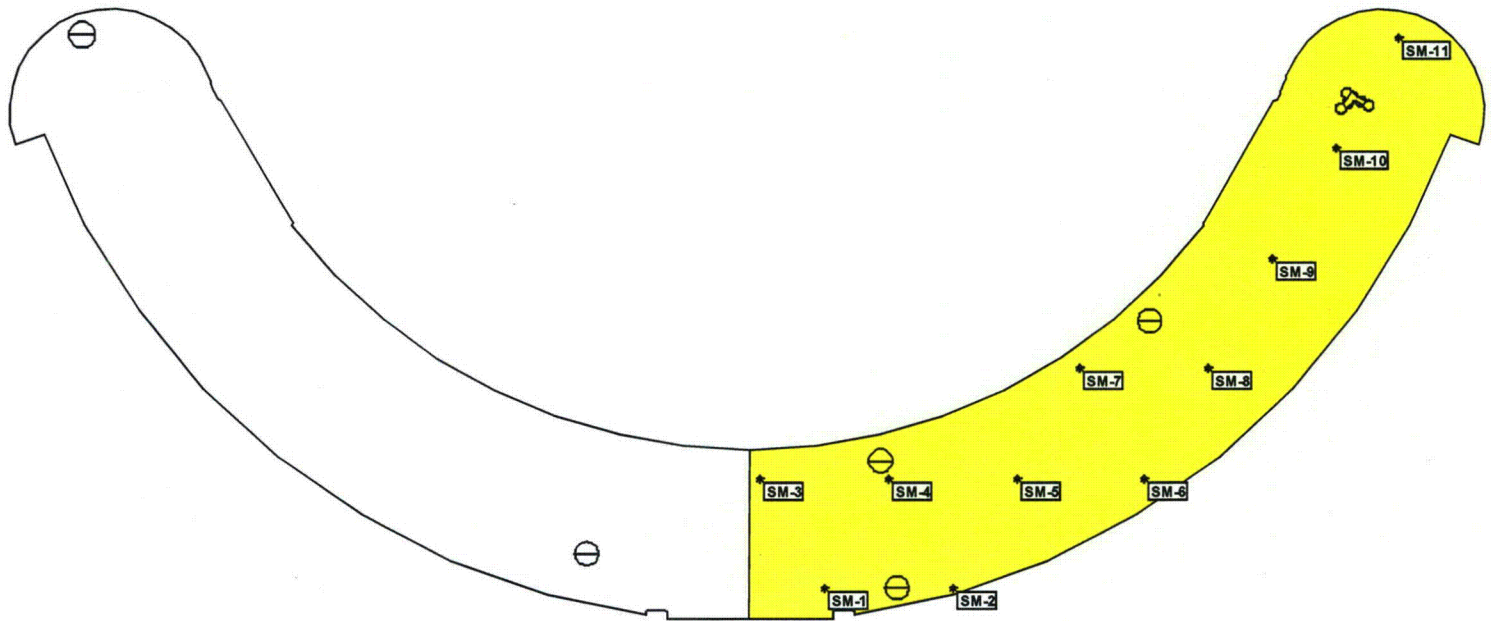
CV-3-5 AREA: CV Bioshield Upper Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.0	0.2	SM-1	277	Systematic	N/A
1.7	0.2	SM-2	182	Systematic	N/A
1.7	1.0	SM-3	533	Systematic	N/A
1.9	1.1	SM-4	606	Systematic	N/A
0.9	0.3	SM-5	394	Systematic	N/A
0.3	1.0	SM-6	88	Systematic	N/A
4.1	1.0	SM-7	569	Systematic	N/A
7.8	1.0	SM-8	635	Systematic	N/A
3.4	0.6	SM-9	182	Systematic	N/A
7.2	0.6	SM-10	109	Systematic	N/A
10.9	0.6	SM-11	204	Systematic	N/A
-0.2	0.2	SM-12	2240	Systematic	N/A
* Sample locations are measured from the locations designated on the survey unit map					

Survey Unit CV-3-6
Canal E - West Floor Section



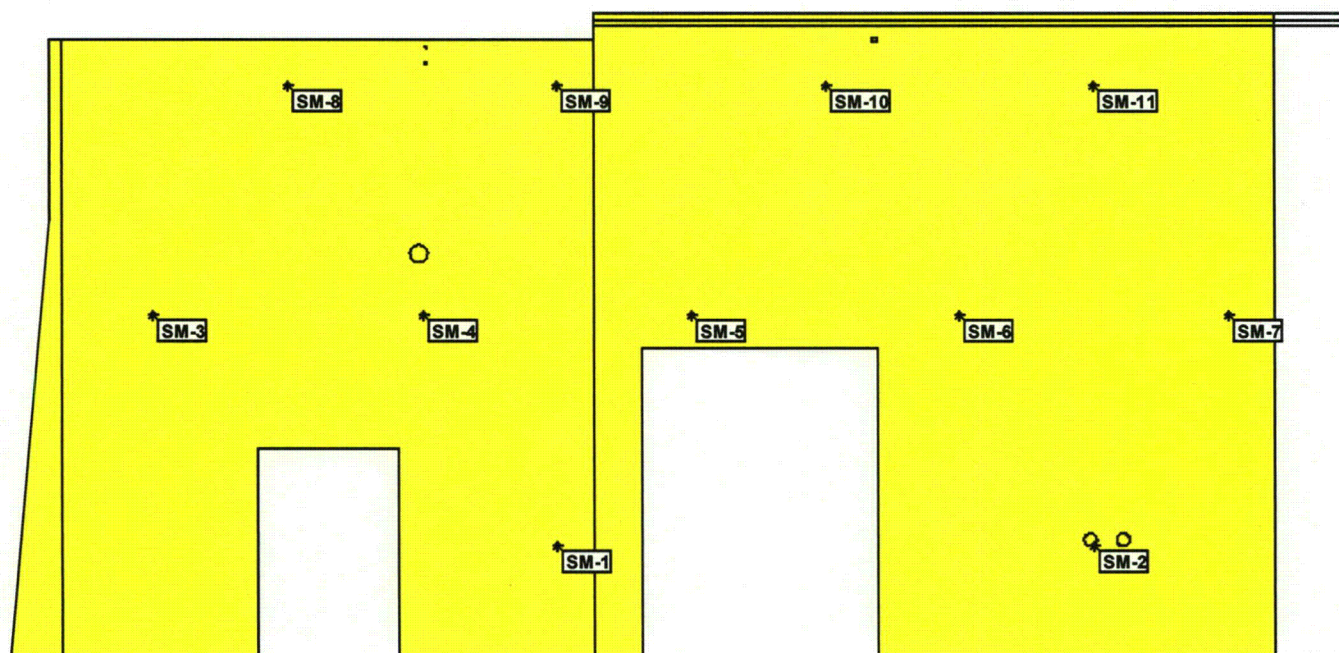
CV-3-6 AREA: Canal E – West Floor Section Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / DPM/100cm ²		Type	Notes
-3.2	-2.9	SM-1	818	Systematic	N/A
-1.3	-2.4	SM-2	326	Systematic	N/A
-6.7	-2.6	SM-3	1020	Systematic	N/A
-4.9	-1.3	SM-4	485	Systematic	N/A
-2.7	-0.5	SM-5	833	Systematic	N/A
-0.3	-0.2	SM-6	856	Systematic	N/A
-8.8	-1.7	SM-7	606	Systematic	N/A
-7.0	-0.1	SM-8	697	Systematic	N/A
-10.7	-1.4	SM-9	523	Systematic	N/A
-14.0	-3.6	SM-10	773	Systematic	N/A
-13.3	-1.4	SM-11	848	Systematic	N/A
Sample measurements are taken from the northeast corner of the survey unit, with the X coordinates measured along the curve of the north wall of the canal, and the Y coordinate measured perpendicular to the north wall.					

Survey Unit CV-3-7
Canal E - East Floor Section



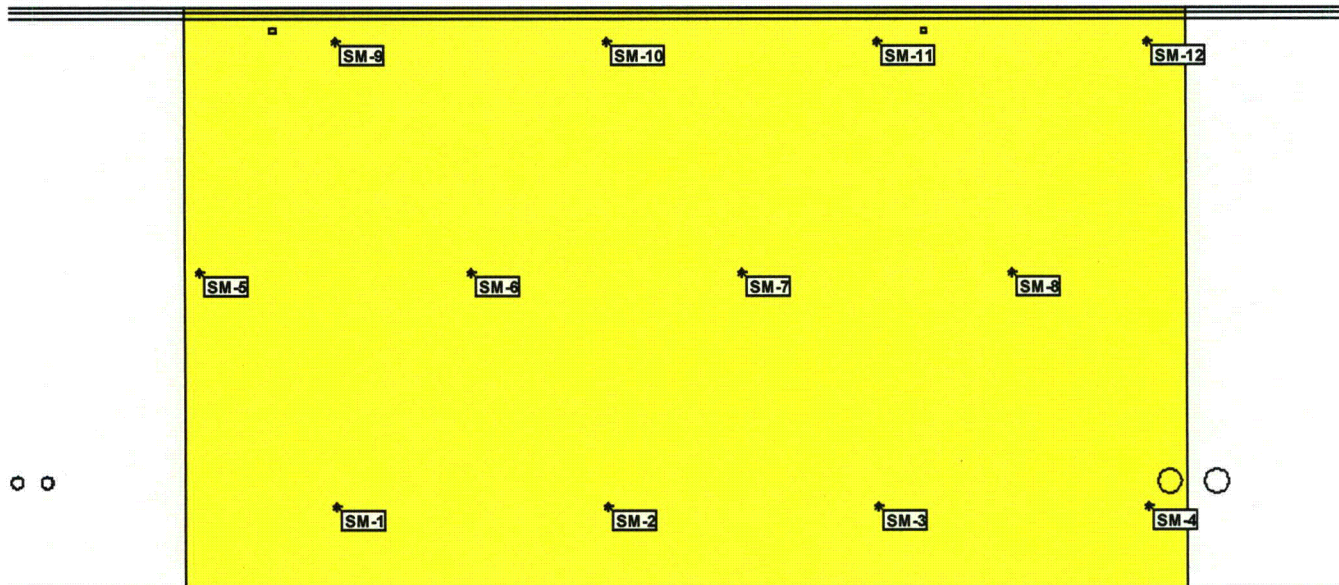
CV-3-7 AREA: Canal E – East Floor Section Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.2	-2.8	SM-1	780	Systematic	N/A
2.9	-3.2	SM-2	333	Systematic	N/A
0.2	-0.6	SM-3	614	Systematic	N/A
2.5	-0.9	SM-4	765	Systematic	N/A
4.6	-1.7	SM-5	765	Systematic	N/A
6.4	-2.8	SM-6	303	Systematic	N/A
6.7	-0.4	SM-7	462	Systematic	N/A
8.3	-2.0	SM-8	470	Systematic	N/A
10.4	-1.5	SM-9	212	Systematic	N/A
12.7	-1.5	SM-10	227	Systematic	N/A
15.2	-0.5	SM-11	621	Systematic	N/A
Sample measurements are taken from the northwest corner of the survey unit, with the X coordinates measured along the curve of the north wall of the canal, and the Y coordinate measured perpendicular to the north wall.					

Survey Unit CV-3-8
Canal E - Wall Section #1



CV-3-8 AREA: Canal E – Wall Section #1 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
5.8	1.3	SM-1	280	Systematic	N/A
5.9	1.3	SM-2	492	Systematic	N/A
1.1	4.0	SM-3	-659	Systematic	N/A
4.2	4.0	SM-4	68	Systematic	N/A
1.1	4.0	SM-5	651	Systematic	N/A
4.3	4.0	SM-6	371	Systematic	N/A
7.4	4.0	SM-7	2620	Systematic	N/A
2.7	6.8	SM-8	151	Systematic	N/A
5.8	6.8	SM-9	-38	Systematic	N/A
2.7	6.8	SM-10	439	Systematic	N/A
5.9	6.8	SM-11	788	Systematic	N/A
Sample measurements are taken from the lower left corner of the wall surface on which they lie.					

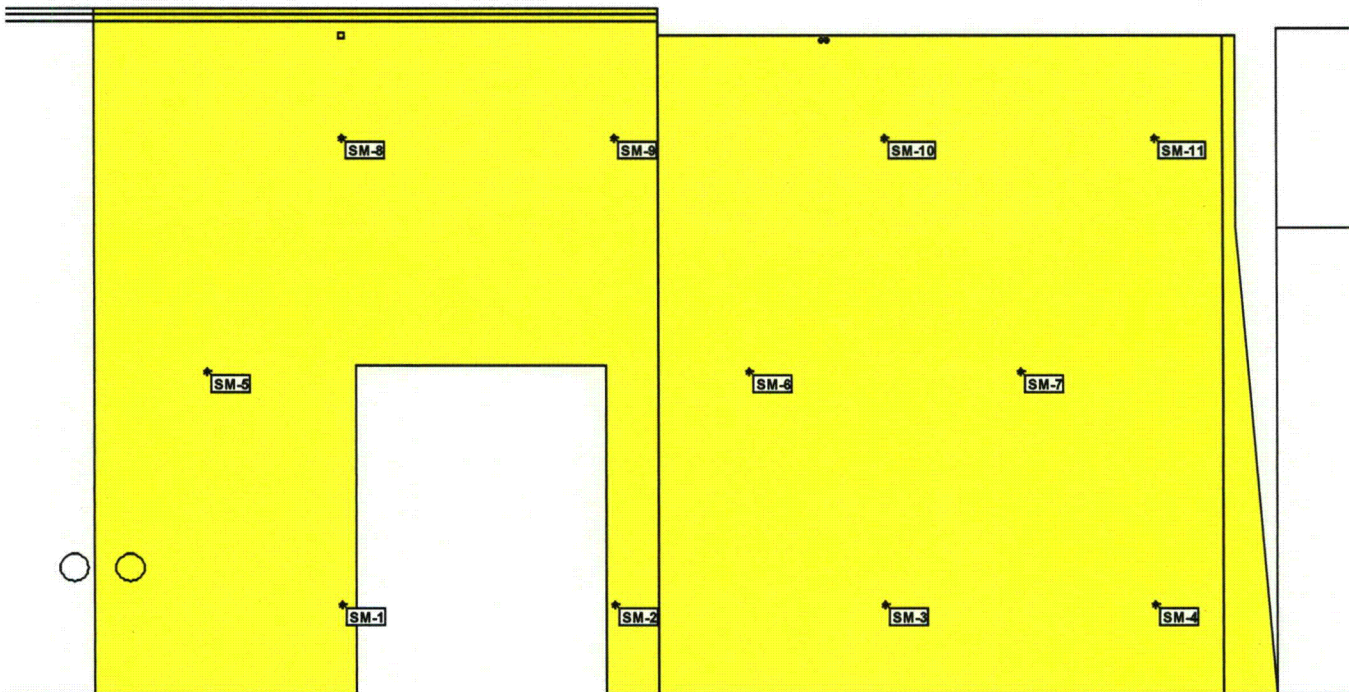
Survey Unit CV-3-9
Canal E - Wall Section #2



CV-3-9 AREA: Canal E – Wall Section #2 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.9	1.1	SM-1	720	Systematic	N/A
5.5	1.1	SM-2	841	Systematic	N/A
9.0	1.1	SM-3	212	Systematic	N/A
12.5	1.1	SM-4	470	Systematic	N/A
0.2	4.1	SM-5	470	Systematic	N/A
3.7	4.1	SM-6	258	Systematic	N/A
7.2	4.1	SM-7	803	Systematic	N/A
10.7	4.1	SM-8	182	Systematic	N/A
1.9	7.2	SM-9	523	Systematic	N/A
5.5	7.2	SM-10	1250	Systematic	N/A
9.0	7.2	SM-11	871	Systematic	N/A
12.5	7.2	SM-12	909	Systematic	N/A

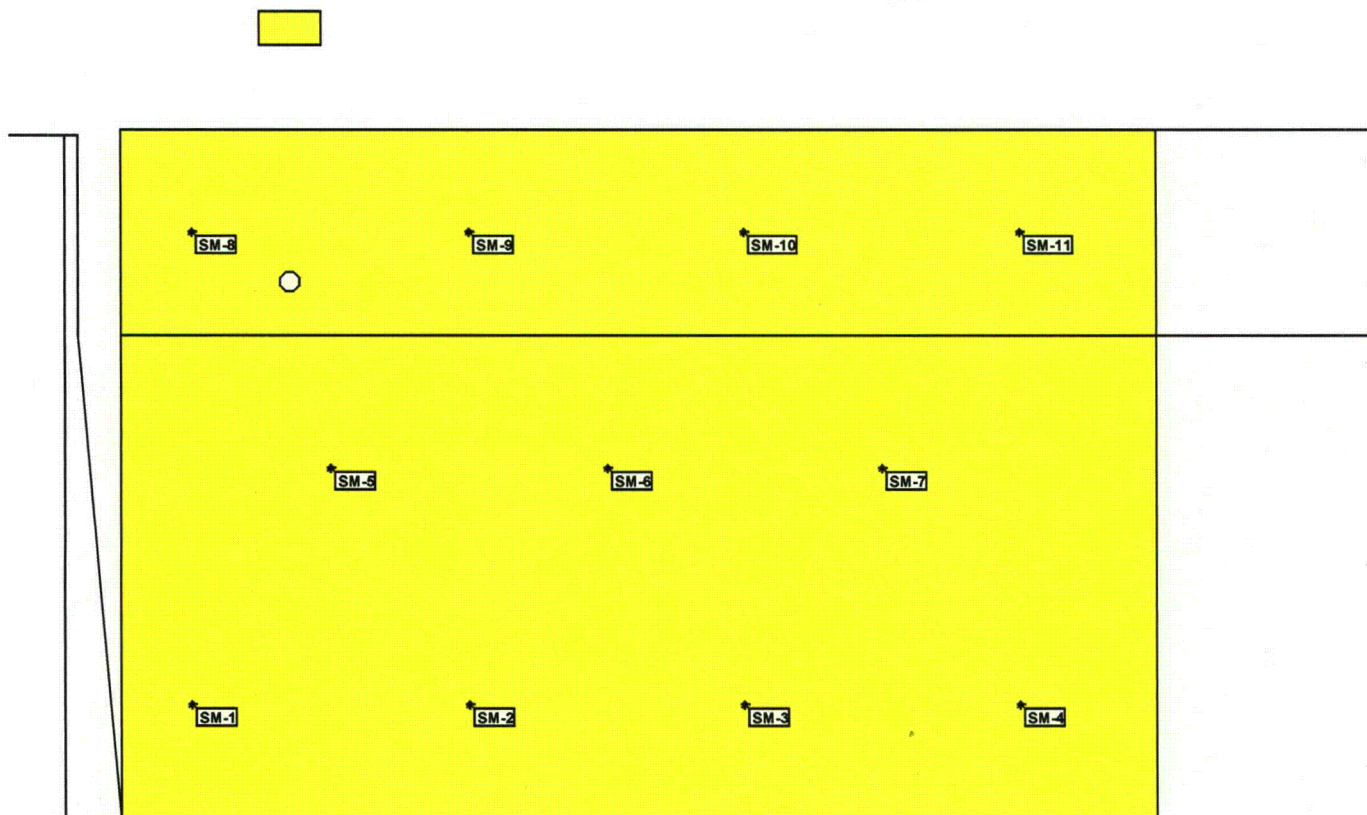
Sample measurements are taken from the lower left corner of the survey unit.

Survey Unit CV-3-10
Canal E - Wall Section #3



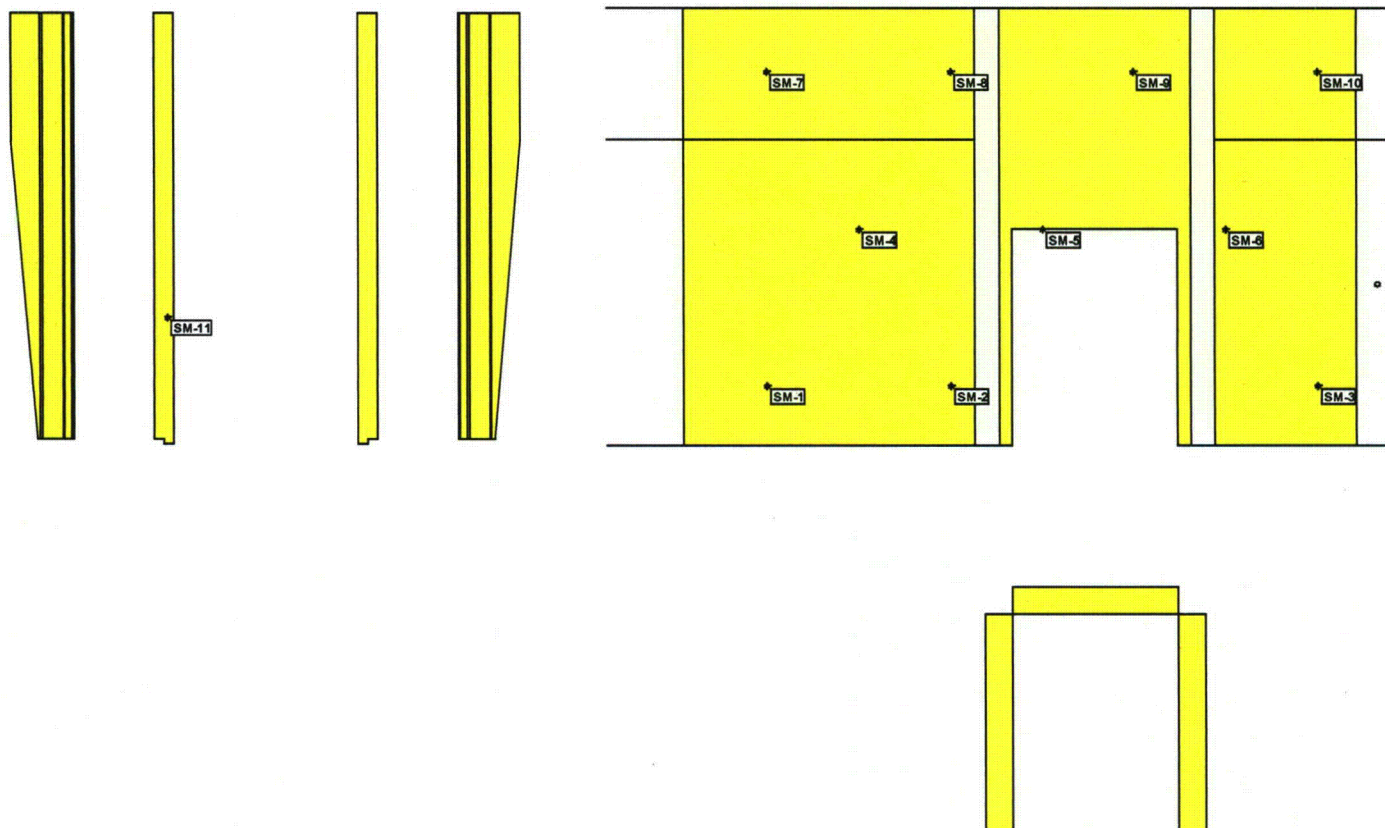
CV-3-10 AREA: Canal E – Wall Section #3 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
2.7	1.0	SM-1	477	Systematic	N/A
5.7	1.0	SM-2	515	Systematic	N/A
8.7	1.0	SM-3	129	Systematic	N/A
11.7	1.0	SM-4	227	Systematic	N/A
1.2	3.6	SM-5	644	Systematic	N/A
7.2	3.6	SM-6	265	Systematic	N/A
10.2	3.6	SM-7	-121	Systematic	N/A
2.7	6.2	SM-8	409	Systematic	N/A
5.7	6.2	SM-9	629	Systematic	N/A
8.7	6.2	SM-10	151	Systematic	N/A
11.7	6.2	SM-11	136	Systematic	N/A
Sample measurements are taken from the lower left corner of the survey unit.					

Survey Unit CV-3-11
Canal E - Wall Section #4



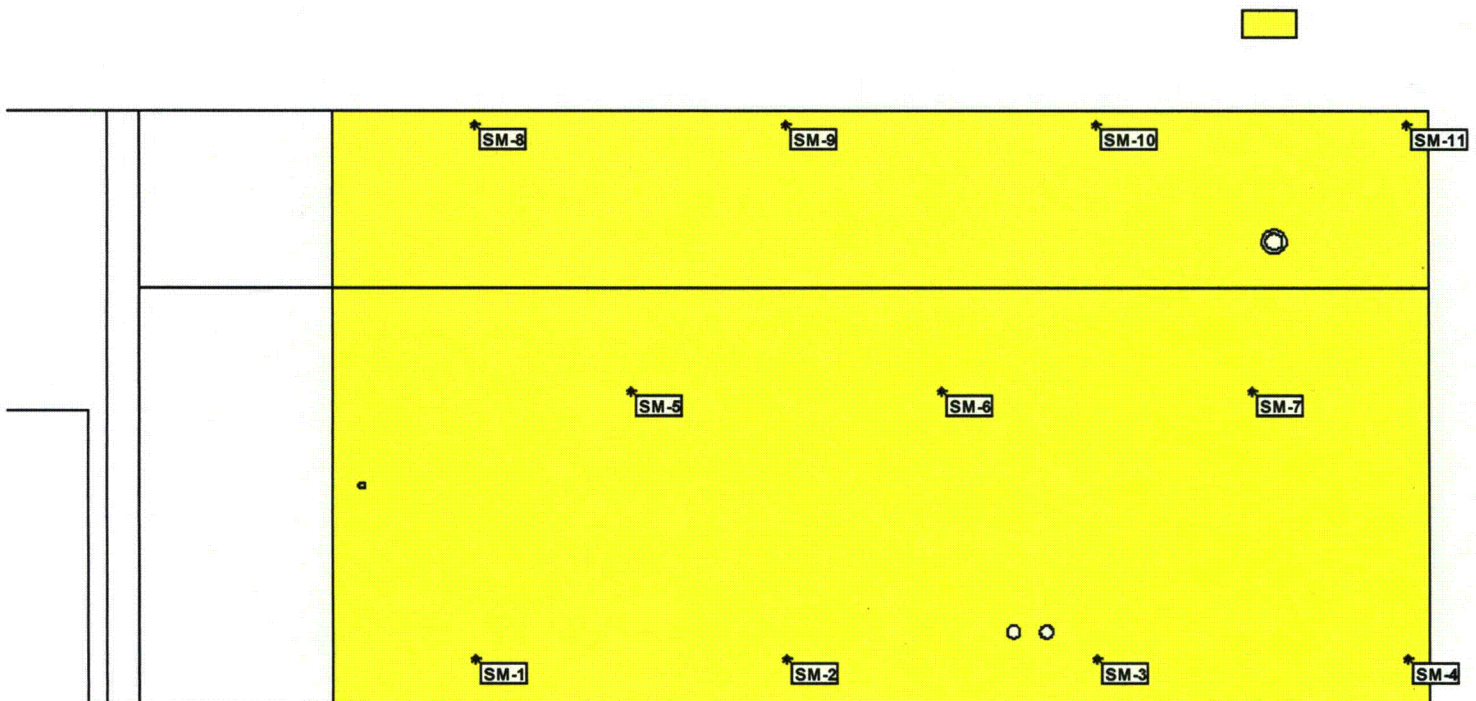
CV-3-11 AREA: Canal E – Wall Section #4 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.8	1.2	SM-1	227	Systematic	N/A
3.7	1.2	SM-2	606	Systematic	N/A
6.6	1.2	SM-3	674	Systematic	N/A
9.5	1.2	SM-4	583	Systematic	N/A
2.2	3.8	SM-5	182	Systematic	N/A
5.1	3.8	SM-6	720	Systematic	N/A
8.1	3.8	SM-7	682	Systematic	N/A
0.8	6.3	SM-8	1050	Systematic	N/A
3.7	6.3	SM-9	614	Systematic	N/A
6.6	6.3	SM-10	704	Systematic	N/A
9.5	6.3	SM-11	833	Systematic	N/A
Sample measurements are taken from the lower left corner of the survey unit.					

Survey Unit CV-3-12
Canal E - Wall Section #5



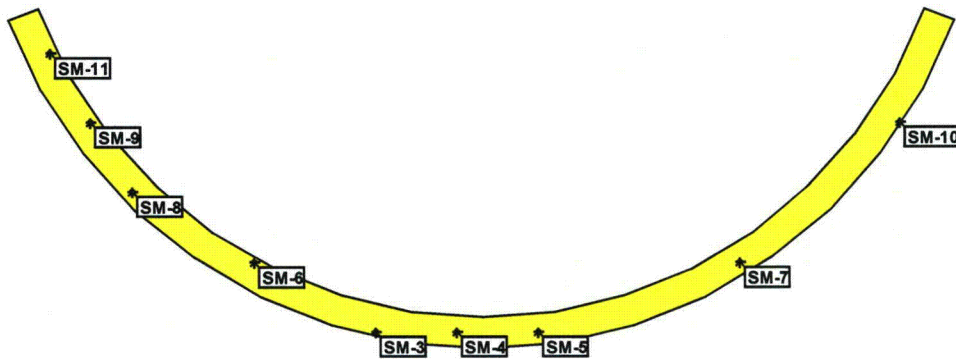
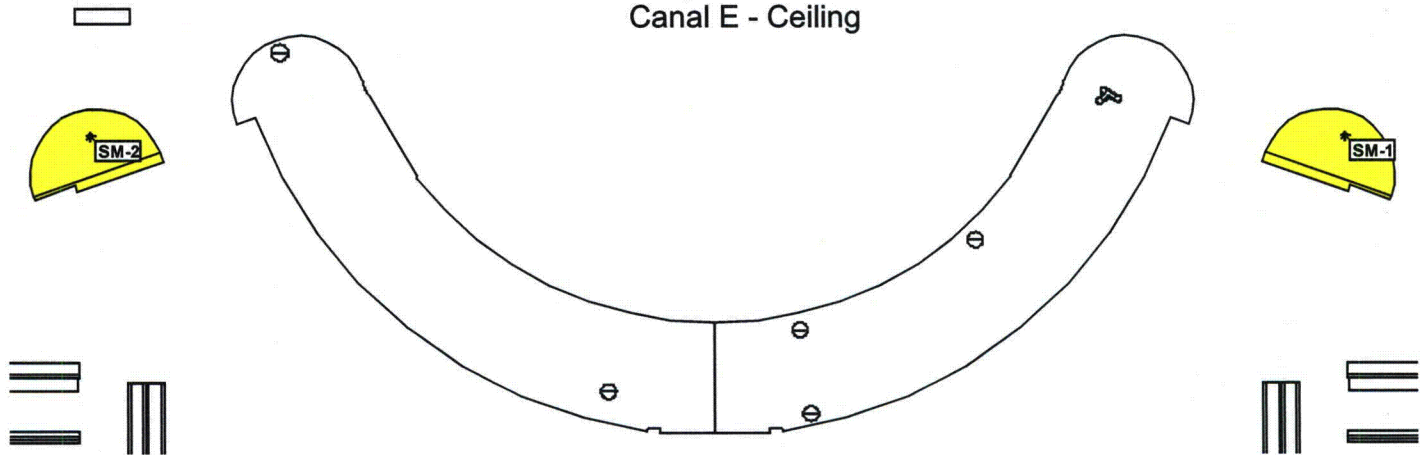
CV-3-12 AREA: Canal E – Wall Section #5 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.4	1.0	SM-1	727	Systematic	N/A
4.5	1.0	SM-2	735	Systematic	N/A
1.7	1.0	SM-3	470	Systematic	N/A
2.9	3.7	SM-4	591	Systematic	N/A
0.7	Edge	SM-5	886	Systematic	N/A
0.2	3.7	SM-6	1190	Systematic	N/A
1.4	6.3	SM-7	629	Systematic	N/A
4.5	6.3	SM-8	962	Systematic	N/A
2.3	6.3	SM-9	258	Systematic	N/A
1.7	6.3	SM-10	841	Systematic	N/A
Center	2.1	SM-11	167	Systematic	N/A
Sample measurements are taken from the lower left corner of the surface on which they lie.					

Survey Unit CV-3-13
Canal E - Wall Section #6



CV-3-13 AREA: Canal E – Wall Section #6 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.8	0.6	SM-1	894	Systematic	N/A
5.6	0.6	SM-2	697	Systematic	N/A
9.4	0.6	SM-3	992	Systematic	N/A
13.2	0.6	SM-4	644	Systematic	N/A
3.7	3.9	SM-5	636	Systematic	N/A
7.5	3.9	SM-6	841	Systematic	N/A
11.3	3.9	SM-7	500	Systematic	N/A
1.8	7.2	SM-8	447	Systematic	N/A
5.6	7.2	SM-9	735	Systematic	N/A
9.4	7.2	SM-10	561	Systematic	N/A
13.2	7.2	SM-11	977	Systematic	N/A
Sample measurements are taken from the lower left corner of the survey unit.					

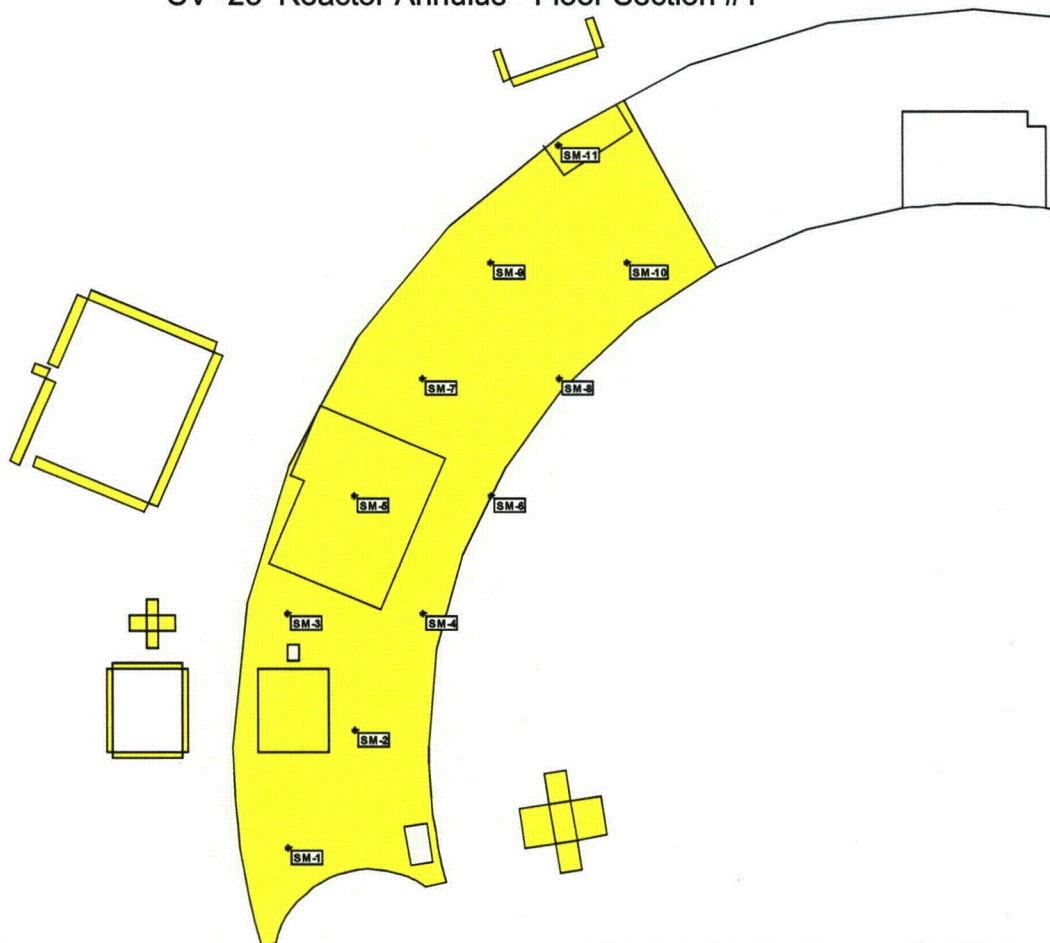
Survey Unit CV-3-14
Canal E - Ceiling



CV-3-14 AREA: Canal E – Ceiling Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
35.8	-2.0	SM-1	750	Systematic	N/A
-1.5	-1.7	SM-2	909	Systematic	N/A
14.0	-0.8	SM-3	1100	Systematic	N/A
16.3	-0.5	SM-4	371	Systematic	N/A
18.7	-0.5	SM-5	432	Systematic	N/A
10.0	-0.15	SM-6	735	Systematic	N/A
24.9	-0.6	SM-7	394	Systematic	N/A
6.0	-0.6	SM-8	545	Systematic	N/A
3.7	-0.2	SM-9	568	Systematic	N/A
31.0	Edge	SM-10	553	Systematic	N/A
1.4	-0.2	SM-11	614	Systematic	N/A

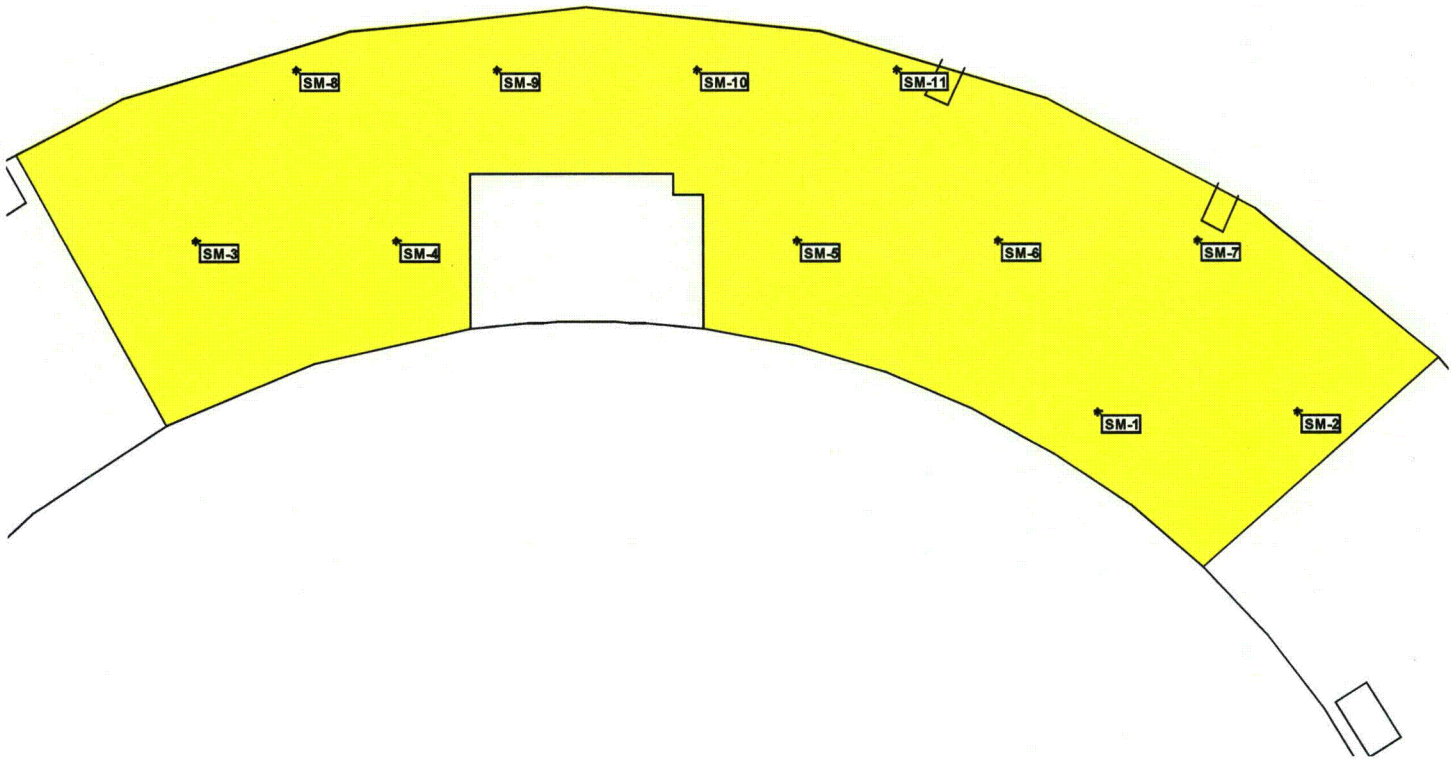
Sample measurements are taken from the northwest corner of the survey unit, with the X coordinates measured along the curve of the north wall of the canal, and the Y coordinate measured perpendicular to the north wall.

Survey Unit CV-3-15
CV -25' Reactor Annulus - Floor Section #1



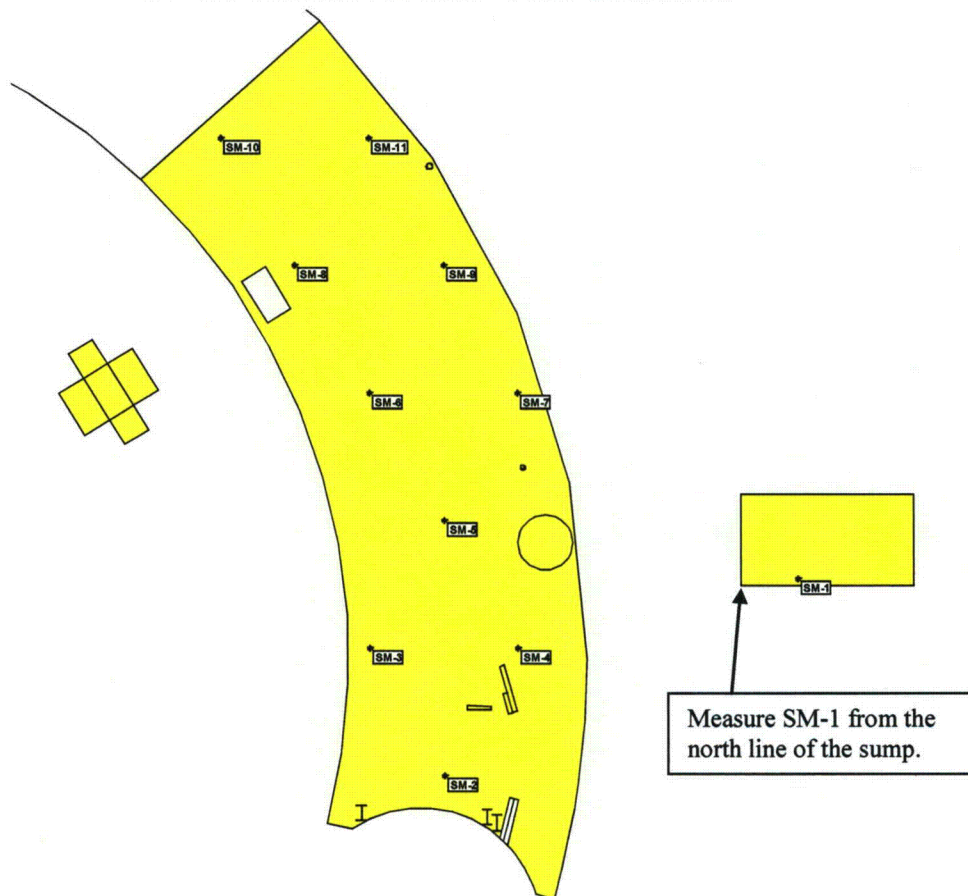
CV-3-15 AREA: CV -25' Rx Annulus – Floor Section #1 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.9	2.0	SM-1	803	Systematic	N/A
-1.5	3.1	SM-2	651	Systematic	N/A
0.8	7.2	SM-3	586	Systematic	N/A
-0.5	5.4	SM-4	836	Systematic	N/A
1.5	10.1	SM-5	1020	Systematic	N/A
Edge	8.1	SM-6	612	Systematic	N/A
1.6	13.0	SM-7	461	Systematic	N/A
-0.2	10.9	SM-8	921	Systematic	N/A
1.1	16.0	SM-9	757	Systematic	N/A
-1.1	13.4	SM-10	711	Systematic	N/A
0.1	18.8	SM-11	651	Systematic	N/A
For the odd numbered samples, measurements are taken from the southwest corner of the survey unit. For the even numbered sample points, measurements are taken from the southeast corner of the survey unit. The X coordinate is measured out from the outer wall (odd) or inner wall (even) and the Y coordinate measured along the wall.					

Survey Unit CV-3-16
CV -25' Reactor Annulus - Floor Section #2



CV-3-16 AREA: CV -25' Rx Annulus – Floor Section #2 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
11.7	0.7	SM-1	599	Systematic	N/A
18.4	-1.6	SM-2	836	Systematic	N/A
1.2	2.1	SM-3	276	Systematic	N/A
3.3	1.3	SM-4	743	Systematic	N/A
7.9	1.3	SM-5	316	Systematic	N/A
13.4	-1.9	SM-6	618	Systematic	N/A
15.8	-0.7	SM-7	507	Systematic	N/A
4.5	-0.3	SM-8	342	Systematic	N/A
6.2	-0.6	SM-9	414	Systematic	N/A
8.9	-0.6	SM-10	414	Systematic	N/A
11.4	-0.15	SM-11	724	Systematic	N/A
For samples 1, 3, 4, and 5; measurements are taken from the southwest corner of the survey unit. For the sample points 2 and 6 through 11; measurements are taken from the northwest corner of the survey unit. The Y coordinate is measured out from the outer wall or inner wall, respectively, and the X coordinate measured along the wall.					

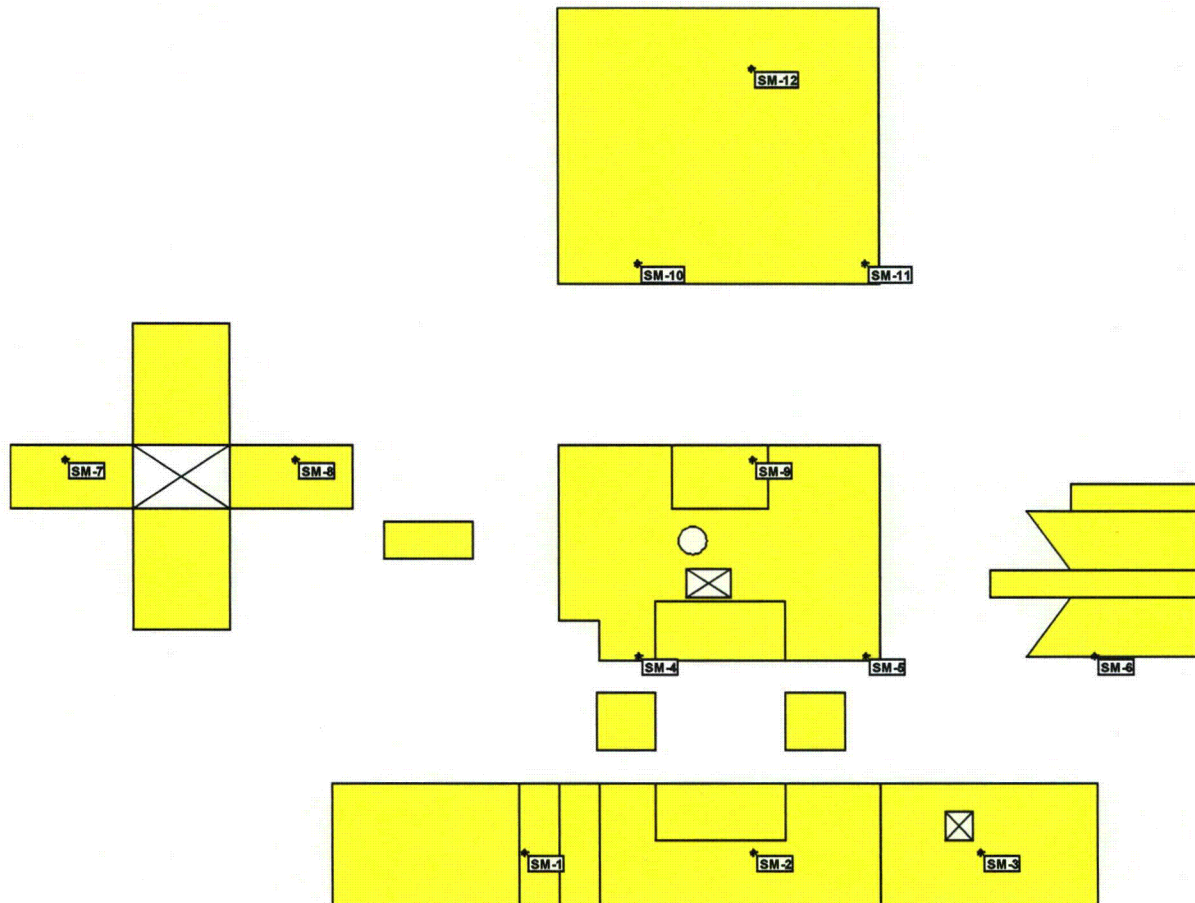
Survey Unit CV-3-17
CV -25' Reactor Annulus - Floor Section #3



CV-3-17 AREA: CV -25' Rx Annulus – Floor Section #3 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.0	0.1	SM-1	651	Systematic	N/A
1.8	1.1	SM-2	309	Systematic	N/A
0.4	3.0	SM-3	553	Systematic	N/A
-1.1	4.4	SM-4	289	Systematic	N/A
1.8	4.7	SM-5	803	Systematic	N/A
1.2	6.9	SM-6	724	Systematic	N/A
-0.4	8.8	SM-7	829	Systematic	N/A
1.1	9.2	SM-8	500	Systematic	N/A
-0.7	11.3	SM-9	579	Systematic	N/A
1.5	11.4	SM-10	263	Systematic	N/A
-0.6	14.0	SM-11	493	Systematic	N/A

For samples 2, 3, 5, 6, 8, and 10; measurements are taken from the southwest corner of the survey unit. For sample points 4, 7, 9, and 11; measurements are taken from the southeast corner of the survey unit. The X coordinate is measured out from the inner wall or outer wall, respectively, and the Y coordinate measured along the wall. Sample point SM-1 is measured from the point shown on the map.

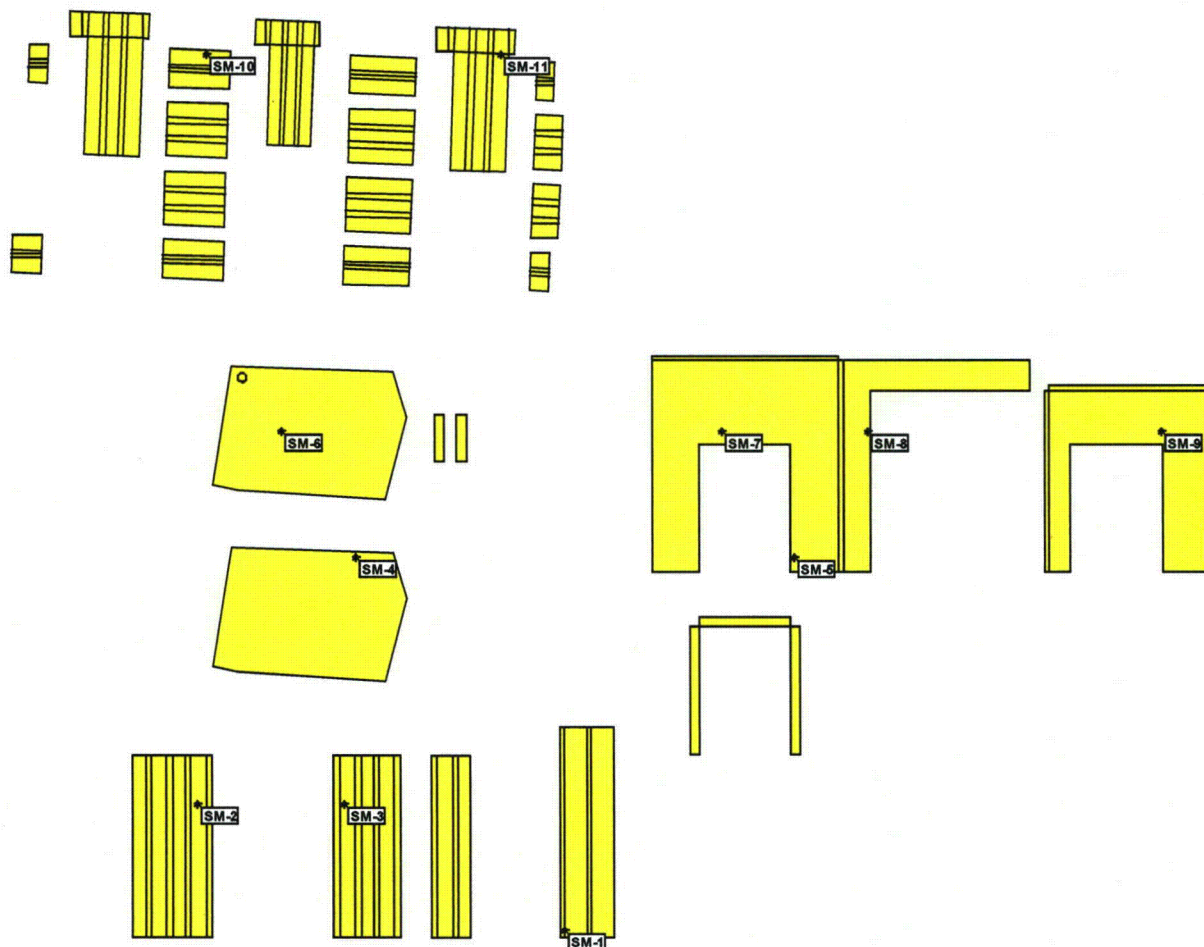
Survey Unit CV-3-18
CV -25' Reactor Annulus - Cave



CV-3-18 AREA: CV -25' Rx Annulus – Cave Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
Edge	0.5	SM-1	237	Systematic	N/A
1.4	0.5	SM-2	329	Systematic	N/A
0.9	0.5	SM-3	1138	Systematic	N/A
0.3	Edge	SM-4	711	Systematic	N/A
2.4	Edge	SM-5	618	Systematic	N/A
0.6	Edge	SM-6	1743	Systematic	N/A
0.4	0.6	SM-7	414	Systematic	N/A
0.1	0.6	SM-8	888	Systematic	N/A
0.7	0.5	SM-9	507	Systematic	N/A
0.7	0.2	SM-10	651	Systematic	N/A
2.8	0.2	SM-11	691	Systematic	N/A
1.7	2.0	SM-12	684	Systematic	N/A

Sample measurements are taken from the lower left corner of the surface on which they lie.

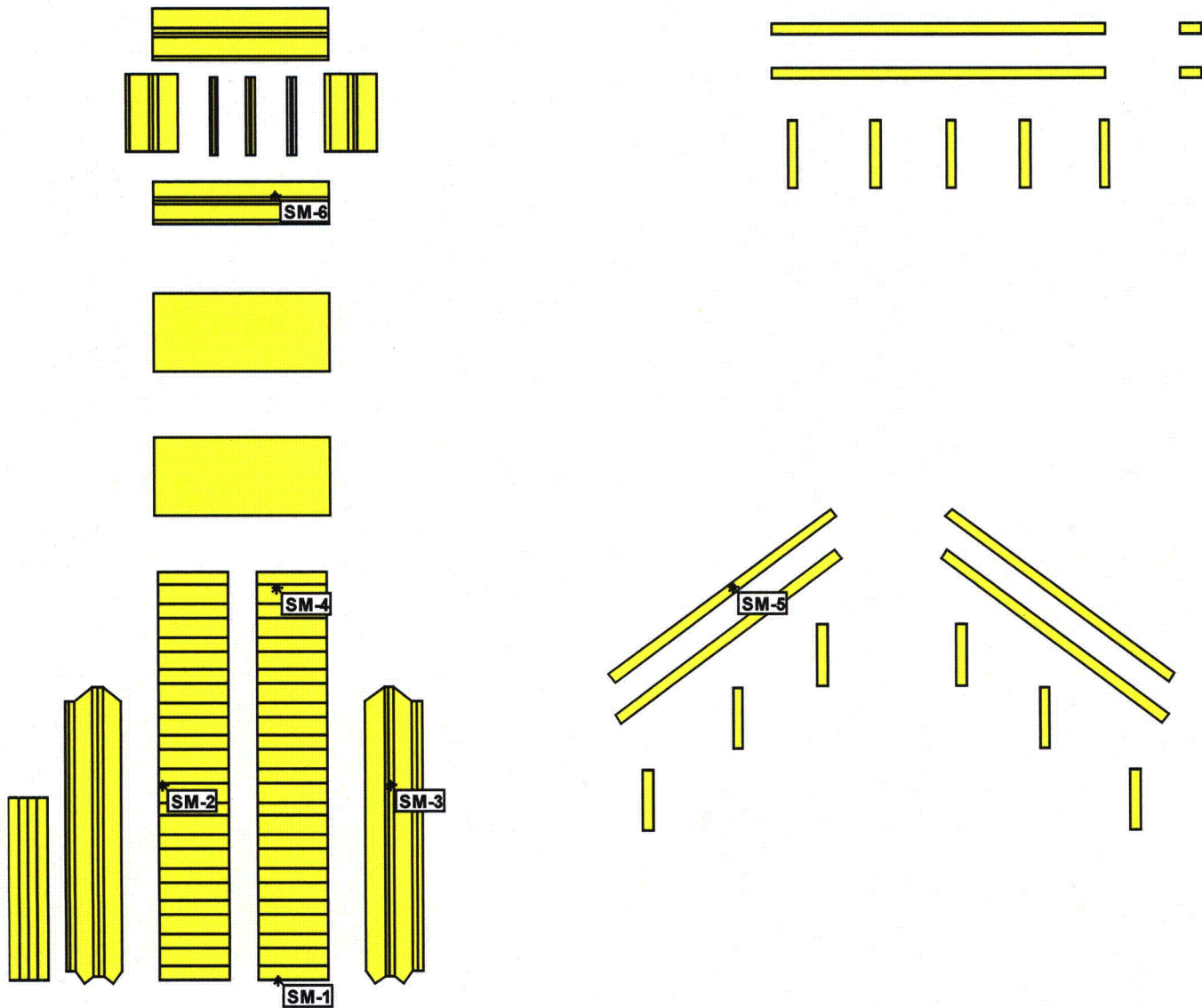
Survey Unit CV-3-19
CV -25' Reactor Annulus - East Platform



CV-3-19 AREA: CV -25' Rx Annulus – East Platform Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
Edge	0.1	SM-1	-132	Systematic	N/A
Edge	2.2	SM-2	987	Systematic	N/A
Edge	2.2	SM-3	2757	Systematic	N/A
2.0	Edge	SM-4	934	Systematic	N/A
Edge	0.3	SM-5	217	Systematic	N/A
1.2	0.9	SM-6	-151	Systematic	N/A
1.1	2.4	SM-7	217	Systematic	N/A
Edge	2.4	SM-8	191	Systematic	N/A
1.8	2.4	SM-9	678	Systematic	N/A
0.6	Edge	SM-10	197	Systematic	N/A
Center	Edge	SM-11	-79	Systematic	N/A
Sample measurements are taken from the lower left corner of the surface on which they lie.					

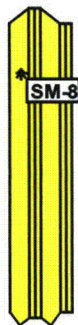
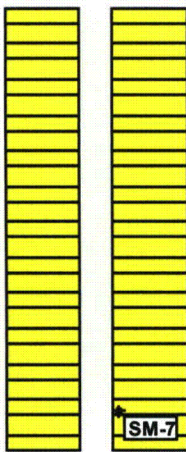
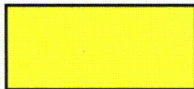
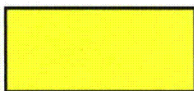
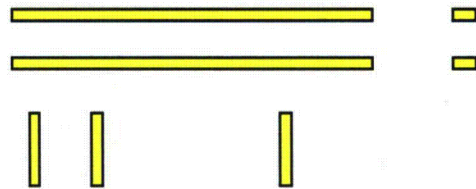
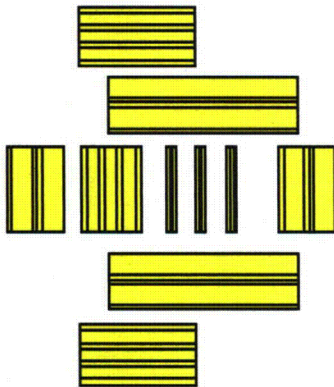
Survey Unit CV-3-20
CV -25' Reactor Annulus - West Stairs
(Page 1 of 3)

Map 1 of 3, Bottom Stairs

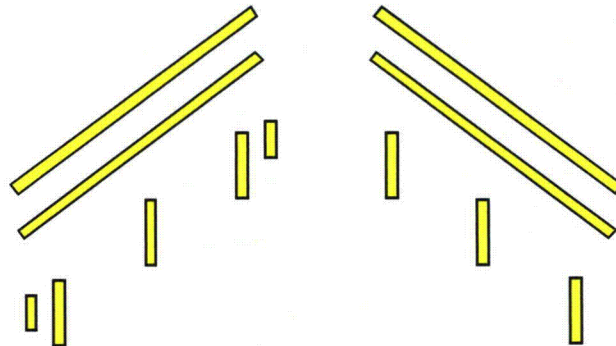


Survey Unit CV-3-20
CV -25' Reactor Annulus - West Stairs
(Page 2 of 3)

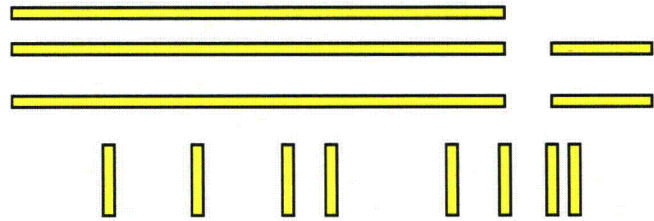
Map 2 of 3, Center Stairs



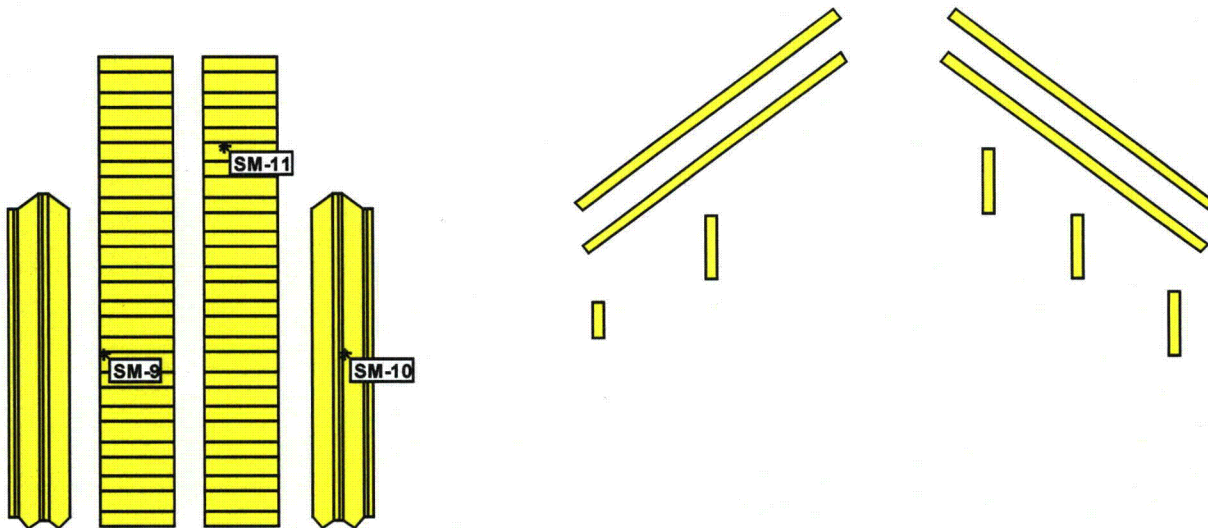
SM-7



Survey Unit CV-3-20
CV -25' Reactor Annulus - West Stairs
(Page 3 of 3)



Map 3 of 3, Top Stairs

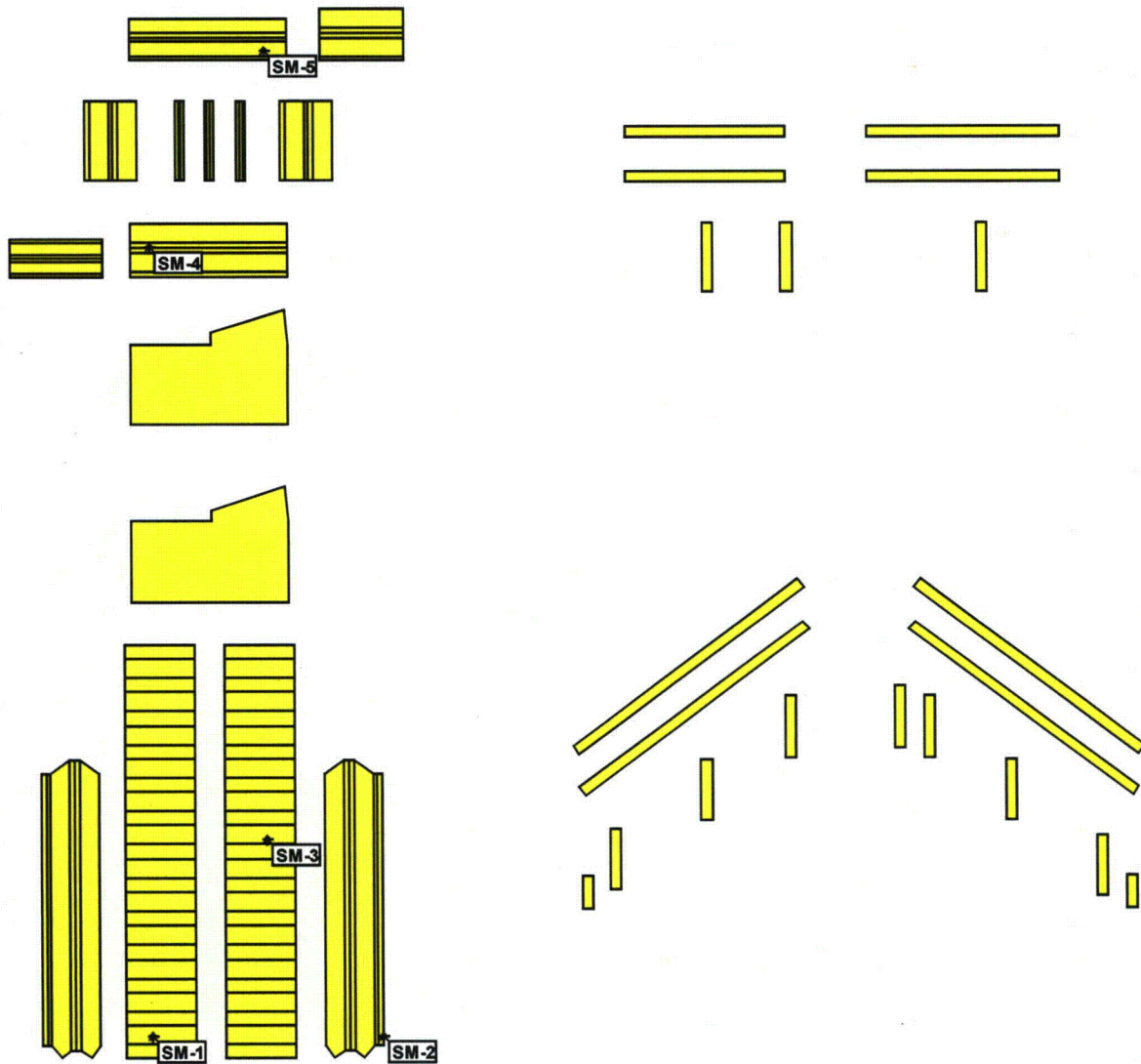


CV-3-20 AREA: CV -25' Rx Annulus – West Stairs Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.25	Edge	SM-1	277	Systematic	N/A
Edge	Edge	SM-2	750	Systematic	N/A
Center	2.6	SM-3	183	Systematic	N/A
0.25	Edge	SM-4	169	Systematic	N/A
Side	2.0	SM-5	39	Systematic	N/A
1.6	Edge	SM-6	-155	Systematic	N/A
Edge	Edge	SM-7	-284	Systematic	N/A
0.15	3.0	SM-8	81	Systematic	N/A
Edge	Edge	SM-9	412	Systematic	N/A
Edge	2.1	SM-10	-209	Systematic	N/A
0.2	Edge	SM-11	101	Systematic	N/A

Samples are measured from the lower left corner of the surface on which they lie.

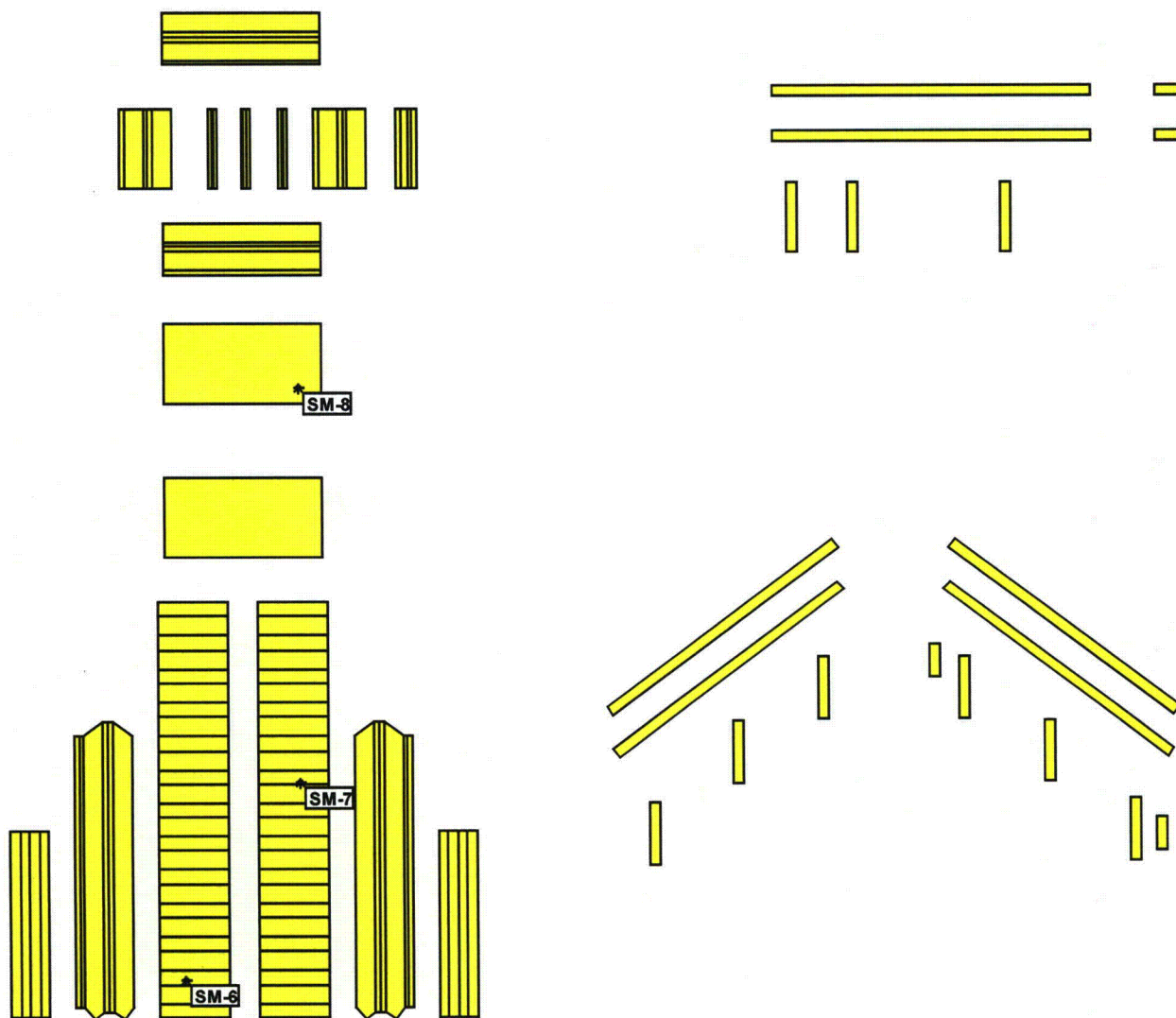
Survey Unit CV-3-21
CV -25' Reactor Annulus - East Stairs
(Page 1 of 3)

Map 1 of 3, Bottom Stairs

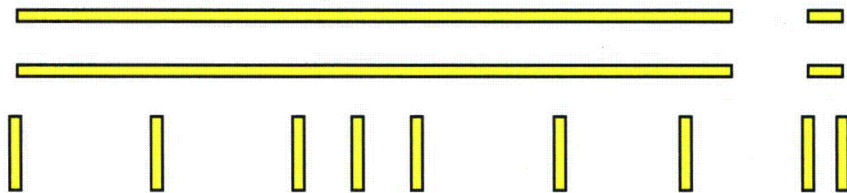


Survey Unit CV-3-21
CV -25' Reactor Annulus - East Stairs
(Page 2 of 3)

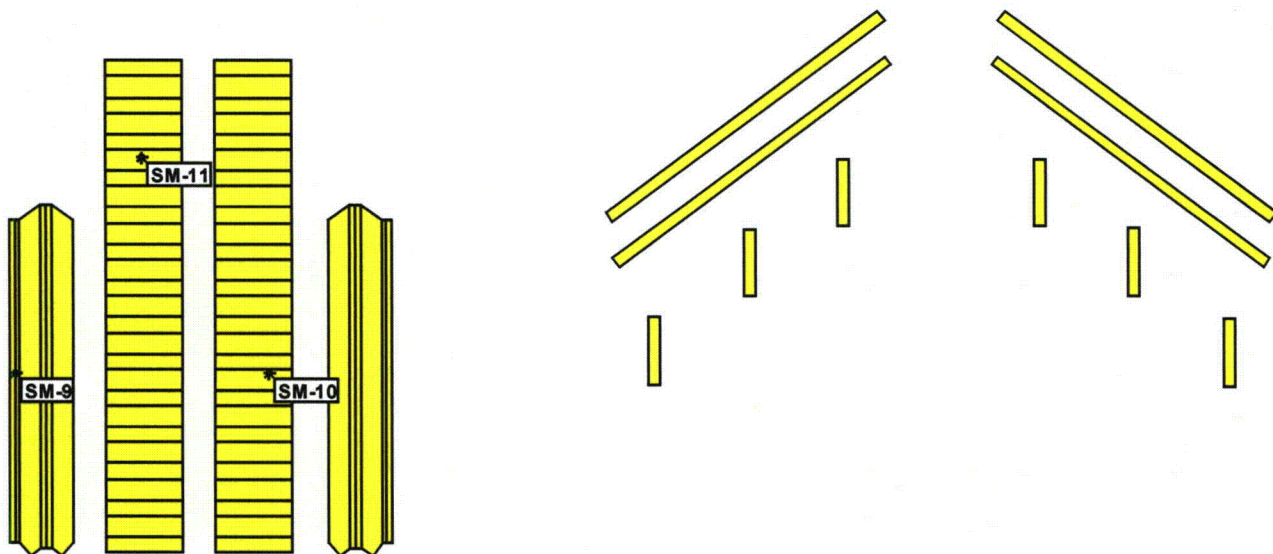
Map 2 of 3, Center Stairs



Survey Unit CV-3-21
CV -25' Reactor Annulus - East Stairs
(Page 3 of 3)



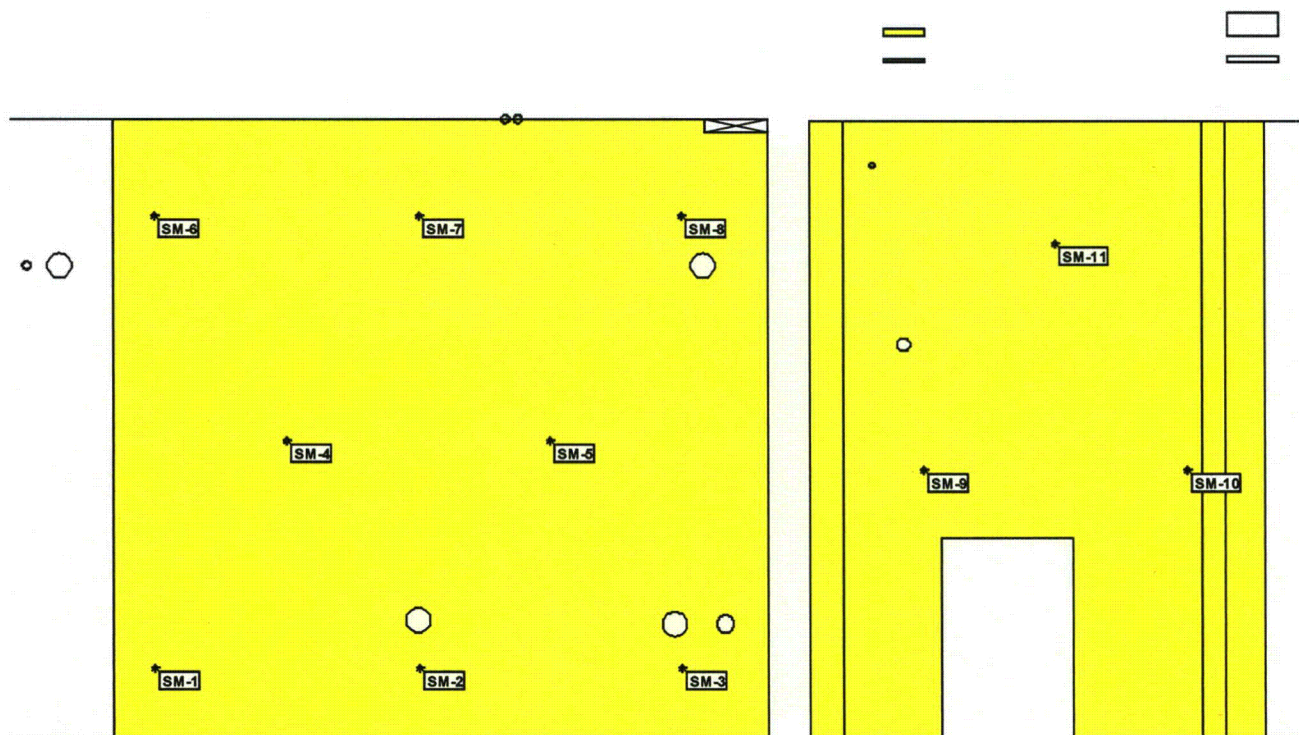
Map 3 of 3, Top Stairs



CV-3-21 AREA: CV -25' Rx Annulus – East Stairs Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.4	0.1	SM-1	908	Systematic	N/A
Center	0.1	SM-2	1078	Systematic	N/A
0.6	Edge	SM-3	178	Systematic	N/A
0.3	Center	SM-4	101	Systematic	N/A
1.8	Edge	SM-5	408	Systematic	N/A
0.4	Edge	SM-6	145	Systematic	N/A
0.6	Edge	SM-7	296	Systematic	N/A
1.8	0.2	SM-8	92	Systematic	N/A
Center	2.1	SM-9	365	Systematic	N/A
0.6	Edge	SM-10	59	Systematic	N/A
0.4	0.15	SM-11	171	Systematic	N/A

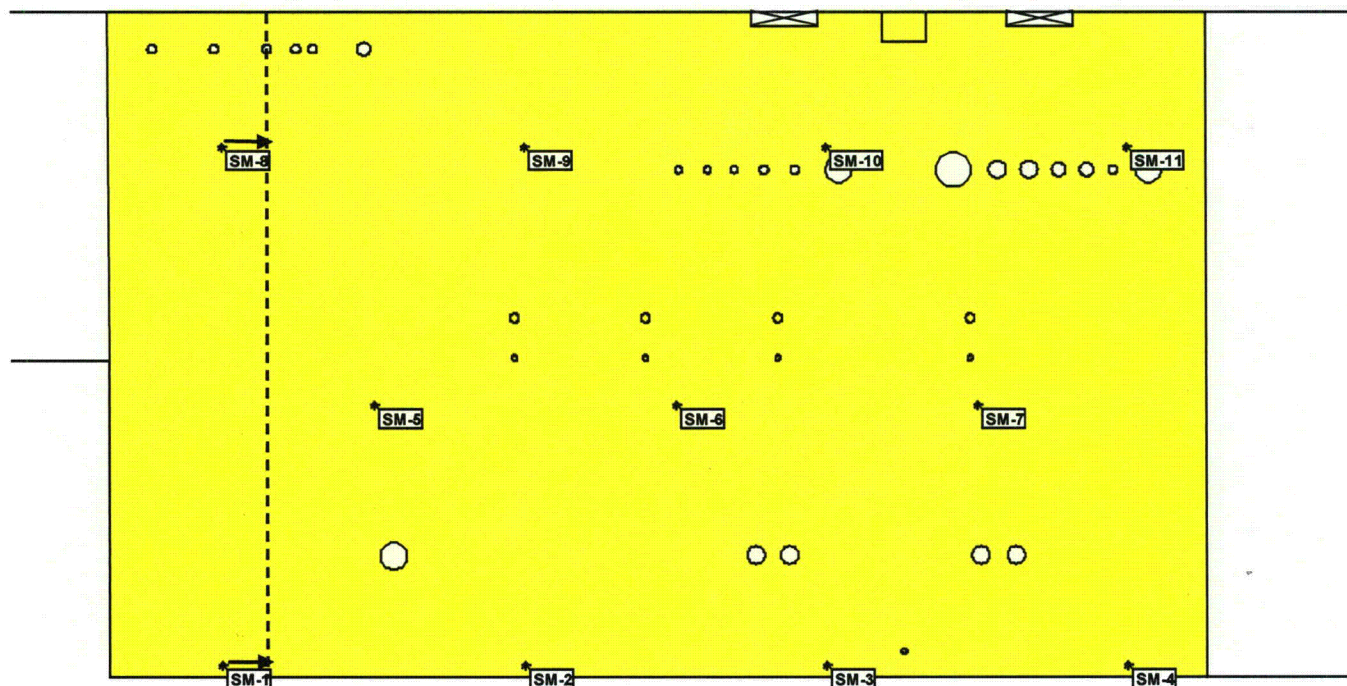
Samples are measured from the lower left corner of the surface on which they lie.

Survey Unit CV-3-22
CV -25' Reactor Annulus - West End Wall & Inner Wall Section #1



CV-3-22					
AREA: CV -25' Rx Annulus – West End Wall and Inner Wall Section #1					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.5	0.9	SM-1	561	Systematic	N/A
3.7	0.9	SM-2	608	Systematic	N/A
6.9	0.9	SM-3	459	Systematic	N/A
2.1	3.6	SM-4	277	Systematic	N/A
5.3	3.6	SM-5	203	Systematic	N/A
0.5	6.4	SM-6	486	Systematic	N/A
3.7	6.4	SM-7	446	Systematic	N/A
6.9	6.4	SM-8	426	Systematic	N/A
1.0	3.4	SM-9	-68	Systematic	N/A
4.2	3.4	SM-10	243	Systematic	N/A
2.6	6.1	SM-11	-142	Systematic	N/A
Sample measurements are taken from the lower left corner of the wall surface on which they lie.					

Survey Unit CV-3-23
CV -25' Reactor Annulus - Inner Wall Section #2

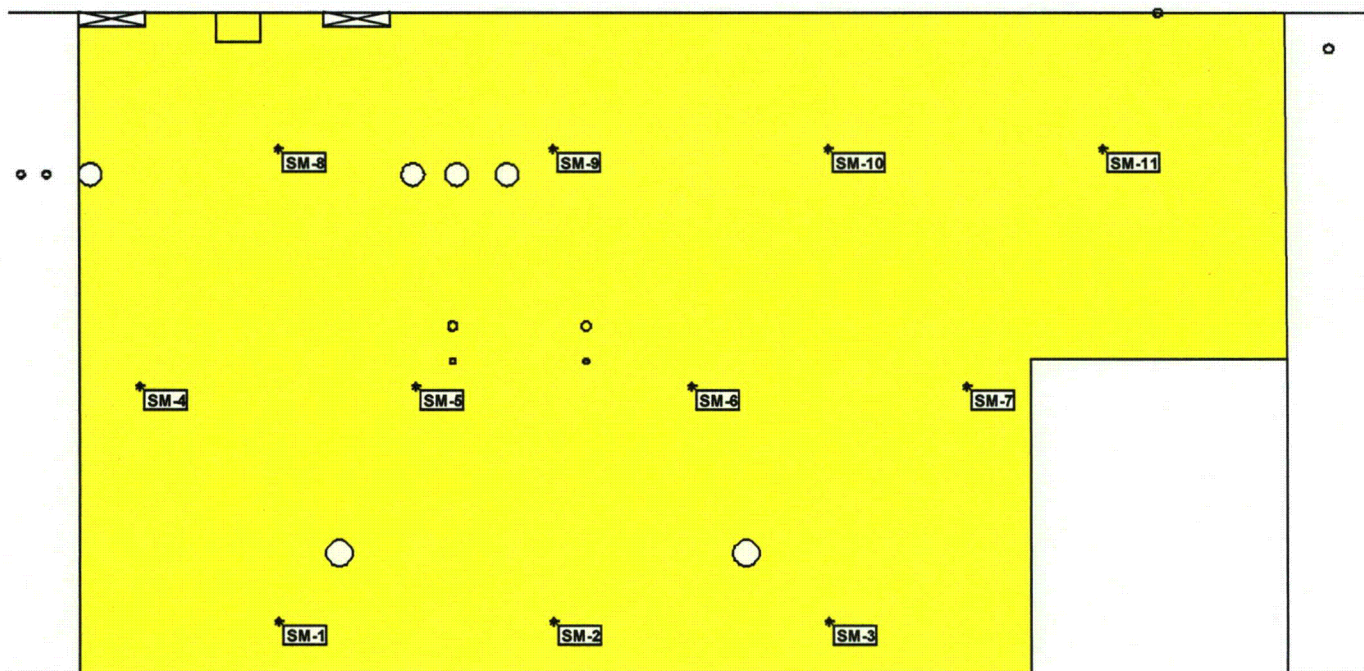


The width of this survey unit was found to be 1.7m shorter than the CAD drawing used in VSP. The dashed line shows the actual left hand side of the survey unit. The measurements in the table below were adjusted to reflect the new start point, with SM-1 and SM-8 moved 0.5m right to fall in the survey unit.

CV-3-23 AREA: CV -25' Rx Annulus –Wall Section #2 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.3 / 0.1*	0.2	SM-1	453	Systematic	N/A
4.7 / 3.0*	0.2	SM-2	291	Systematic	N/A
8.1 / 6.4*	0.2	SM-3	662	Systematic	N/A
11.6 / 9.9*	0.2	SM-4	297	Systematic	N/A
3.0 / 1.3*	3.1	SM-5	41	Systematic	N/A
6.4 / 4.7*	3.1	SM-6	392	Systematic	N/A
9.9 / 7.2*	3.1	SM-7	480	Systematic	N/A
1.3 / 0.1*	6.1	SM-8	615	Systematic	N/A
4.7 / 3.0*	6.1	SM-9	331	Systematic	N/A
8.1 / 6.4*	6.1	SM-10	446	Systematic	N/A
11.6 / 9.9*	6.1	SM-11	264	Systematic	N/A

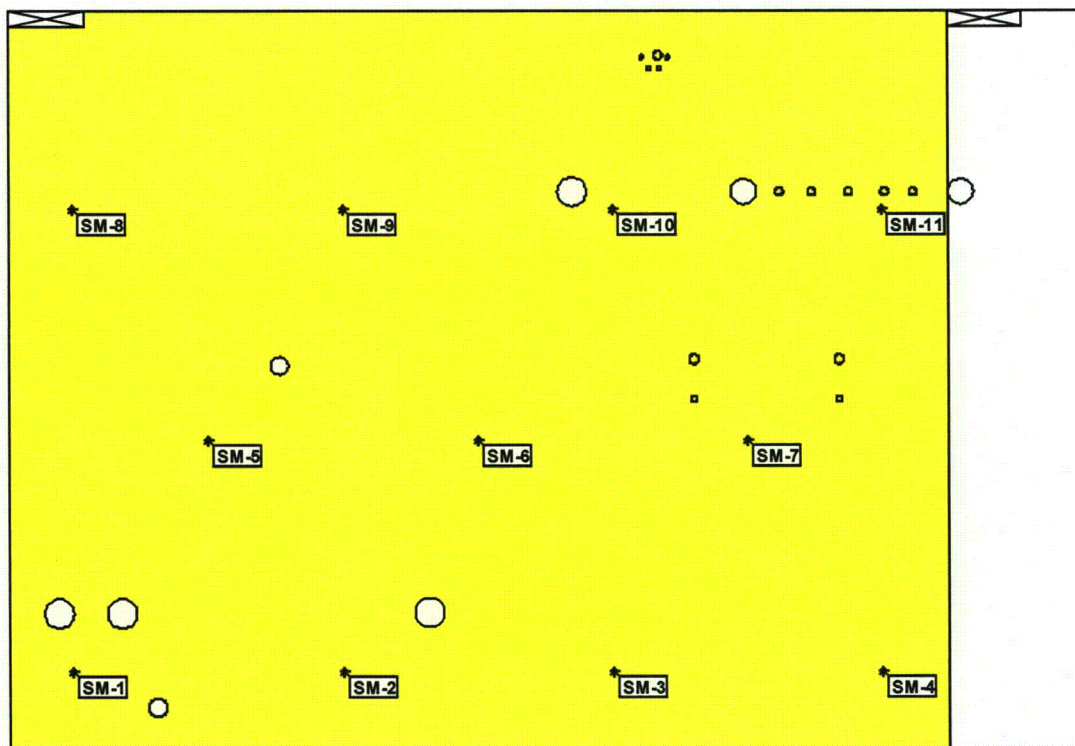
Sample measurements are taken from the lower left corner of the wall surface on which they lie.
* Adjusted sample point locations.

Survey Unit CV-3-24
CV -25' Reactor Annulus - Inner Wall Section #3



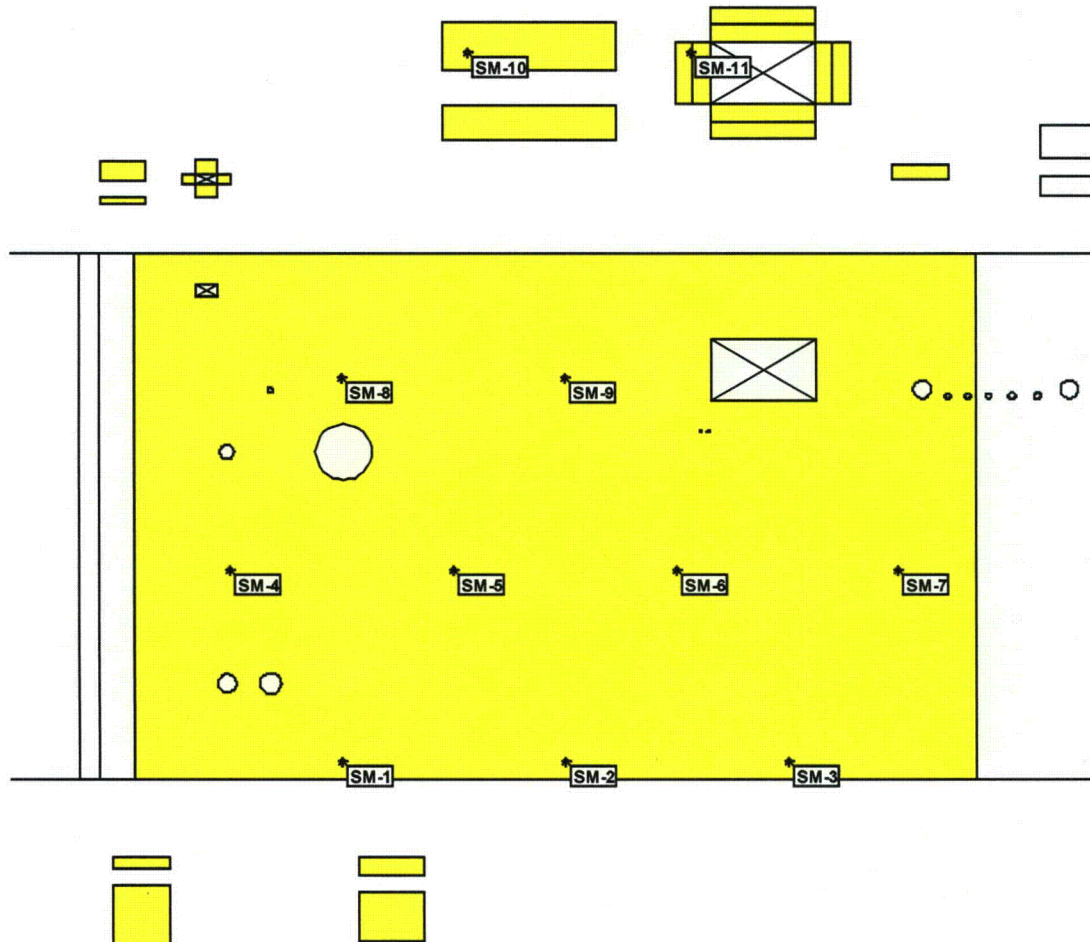
CV-3-24					
AREA: CV -25' Rx Annulus – Inner Wall Section #3					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
2.3	0.6	SM-1	1592	Systematic	N/A
5.4	0.6	SM-2	671	Systematic	N/A
8.5	0.6	SM-3	789	Systematic	N/A
0.7	3.3	SM-4	1987	Systematic	N/A
3.8	3.3	SM-5	572	Systematic	N/A
7.0	3.3	SM-6	158	Systematic	N/A
10.1	3.3	SM-7	461	Systematic	N/A
2.3	6.1	SM-8	546	Systematic	N/A
5.4	6.1	SM-9	618	Systematic	N/A
8.5	6.1	SM-10	750	Systematic	N/A
11.7	6.1	SM-11	434	Systematic	N/A
Sample measurements are taken from the lower left corner of the wall surface on which they lie.					

Survey Unit CV-3-25
CV -25' Reactor Annulus - Inner Wall Section #4



CV-3-25					
AREA: CV -25' Rx Annulus – Inner Wall Section #4					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.6	0.8	SM-1	737	Systematic	N/A
3.4	0.8	SM-2	461	Systematic	N/A
6.2	0.8	SM-3	816	Systematic	N/A
8.9	0.8	SM-4	559	Systematic	N/A
2.0	3.2	SM-5	783	Systematic	N/A
4.8	3.2	SM-6	296	Systematic	N/A
7.5	3.2	SM-7	342	Systematic	N/A
0.6	5.6	SM-8	474	Systematic	N/A
3.4	5.6	SM-9	289	Systematic	N/A
6.2	5.6	SM-10	638	Systematic	N/A
8.9	5.6	SM-11	618	Systematic	N/A
Sample measurements are taken from the lower left corner of the wall surface on which they lie.					

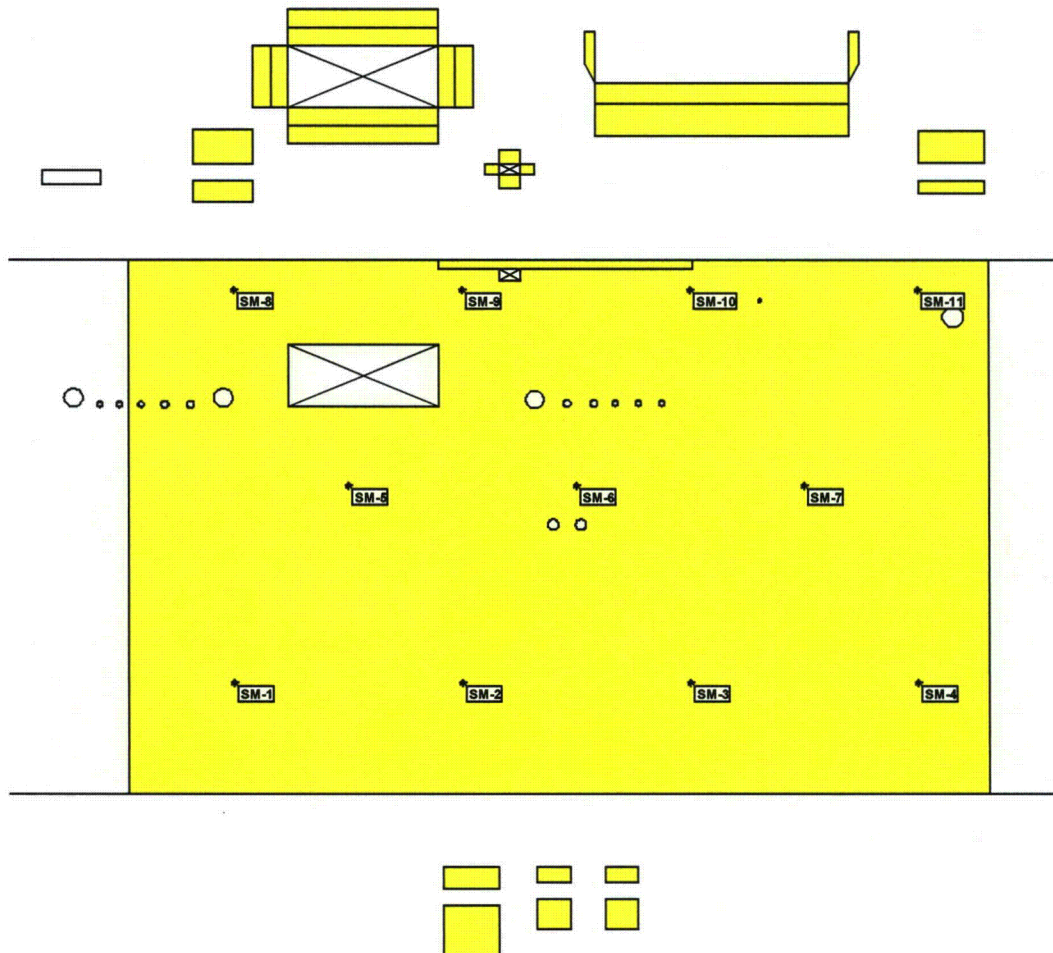
Survey Unit CV-3-26
CV -25' Reactor Annulus - Outer Wall Section #1



CV-3-26 AREA: CV -25' Rx Annulus – Outer Wall Section #1 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
3.0	0.3	SM-1	547	Systematic	N/A
6.2	0.3	SM-2	399	Systematic	N/A
9.4	0.3	SM-3	392	Systematic	N/A
1.4	3.1	SM-4	284	Systematic	N/A
4.6	3.1	SM-5	655	Systematic	N/A
7.8	3.1	SM-6	676	Systematic	N/A
11.0	3.1	SM-7	432	Systematic	N/A
3.0	5.8	SM-8	554	Systematic	N/A
6.2	5.8	SM-9	392	Systematic	N/A
0.4	0.3	SM-10	-14	Systematic	N/A
0.2	Edge	SM-11	-20	Systematic	N/A

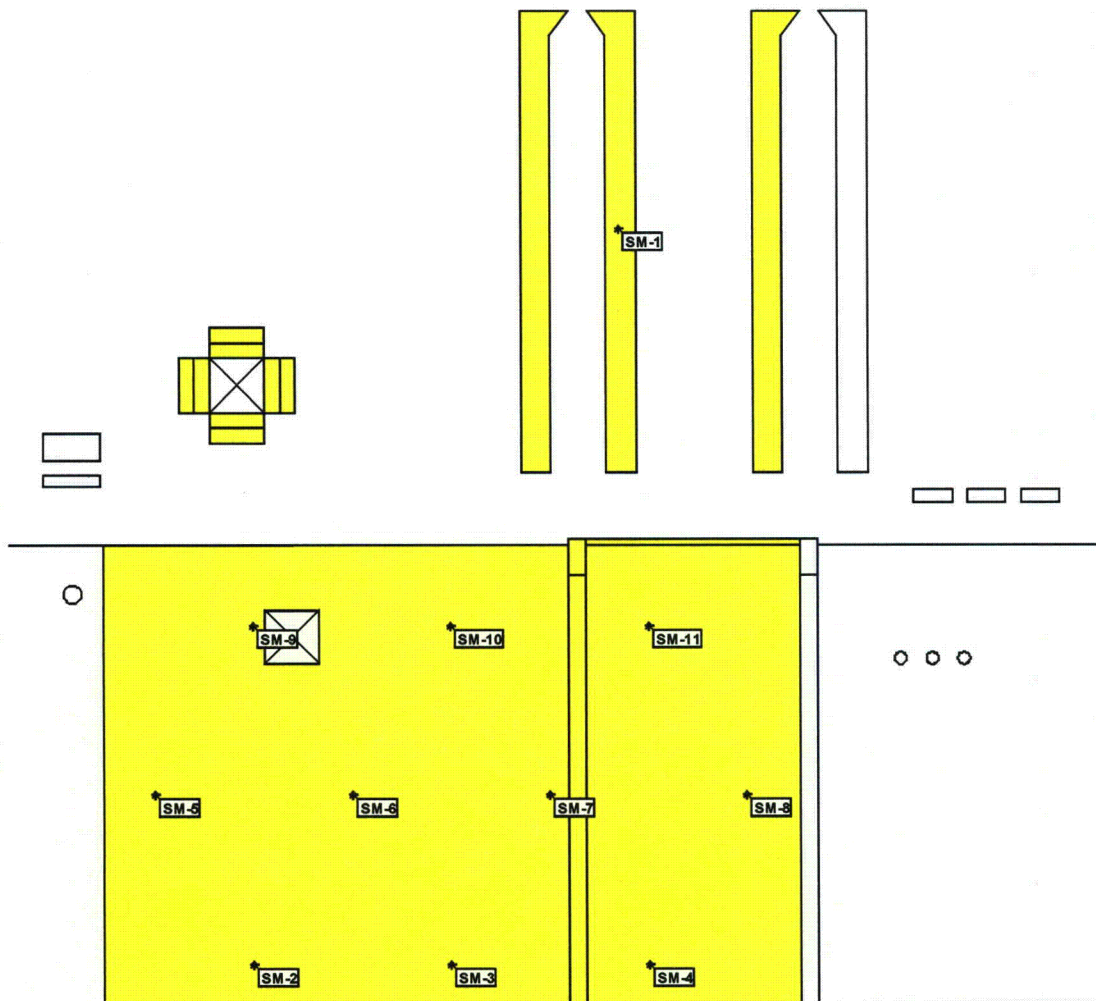
Sample measurements are taken from the lower left corner of the surface on which they lie.

Survey Unit CV-3-27
CV -25' Reactor Annulus - Outer Wall Section #2



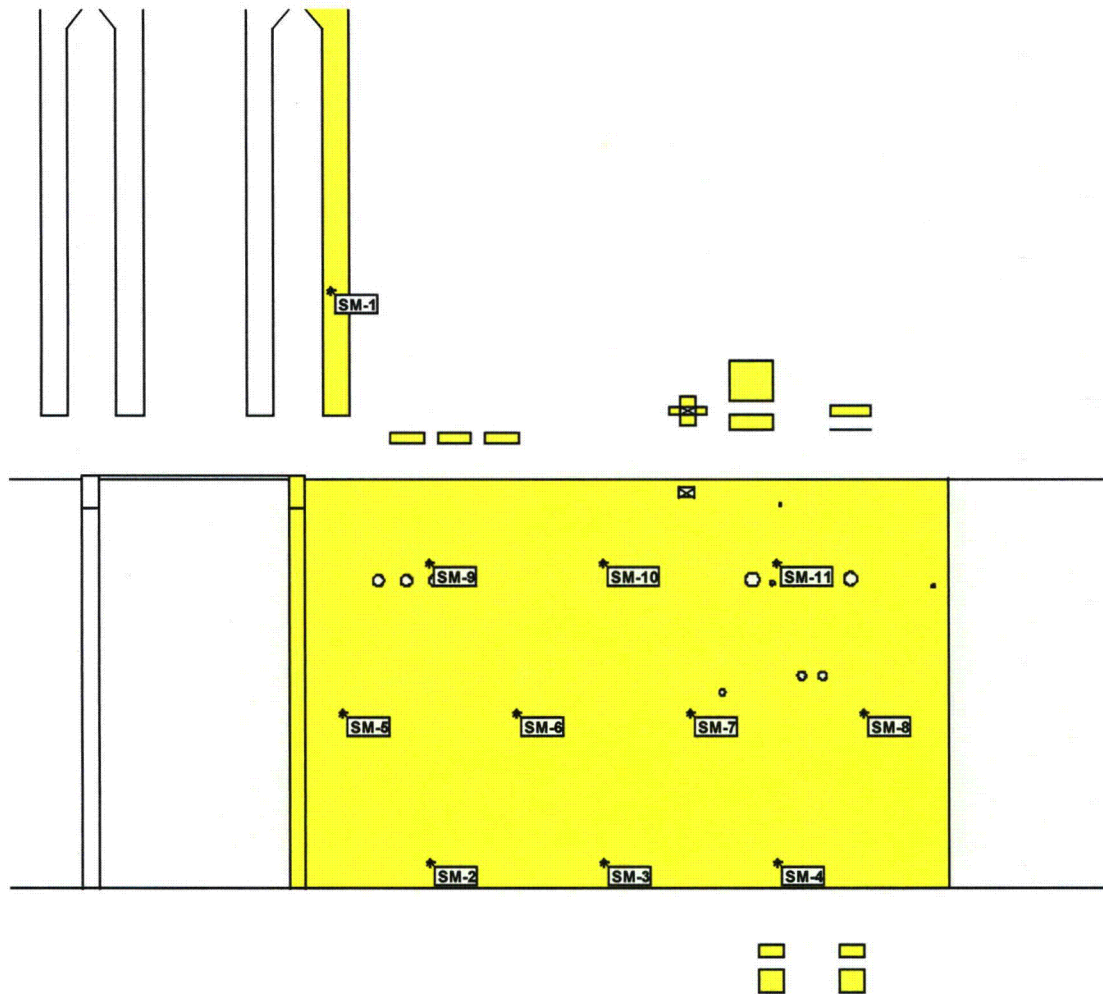
CV-3-27 AREA: CV -25' Rx Annulus – Outer Wall Section #2 Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.5	1.6	SM-1	553	Systematic	N/A
4.7	1.6	SM-2	500	Systematic	N/A
7.9	1.6	SM-3	224	Systematic	N/A
11.2	1.6	SM-4	441	Systematic	N/A
3.1	4.4	SM-5	368	Systematic	N/A
6.3	4.4	SM-6	941	Systematic	N/A
9.6	4.4	SM-7	697	Systematic	N/A
1.5	7.2	SM-8	322	Systematic	N/A
4.7	7.2	SM-9	349	Systematic	N/A
7.9	7.2	SM-10	480	Systematic	N/A
11.2	7.2	SM-11	487	Systematic	N/A
Sample measurements are taken from the lower left corner of the wall surface on which they lie.					

Survey Unit CV-3-28
CV -25' Reactor Annulus - Outer Wall Section #3



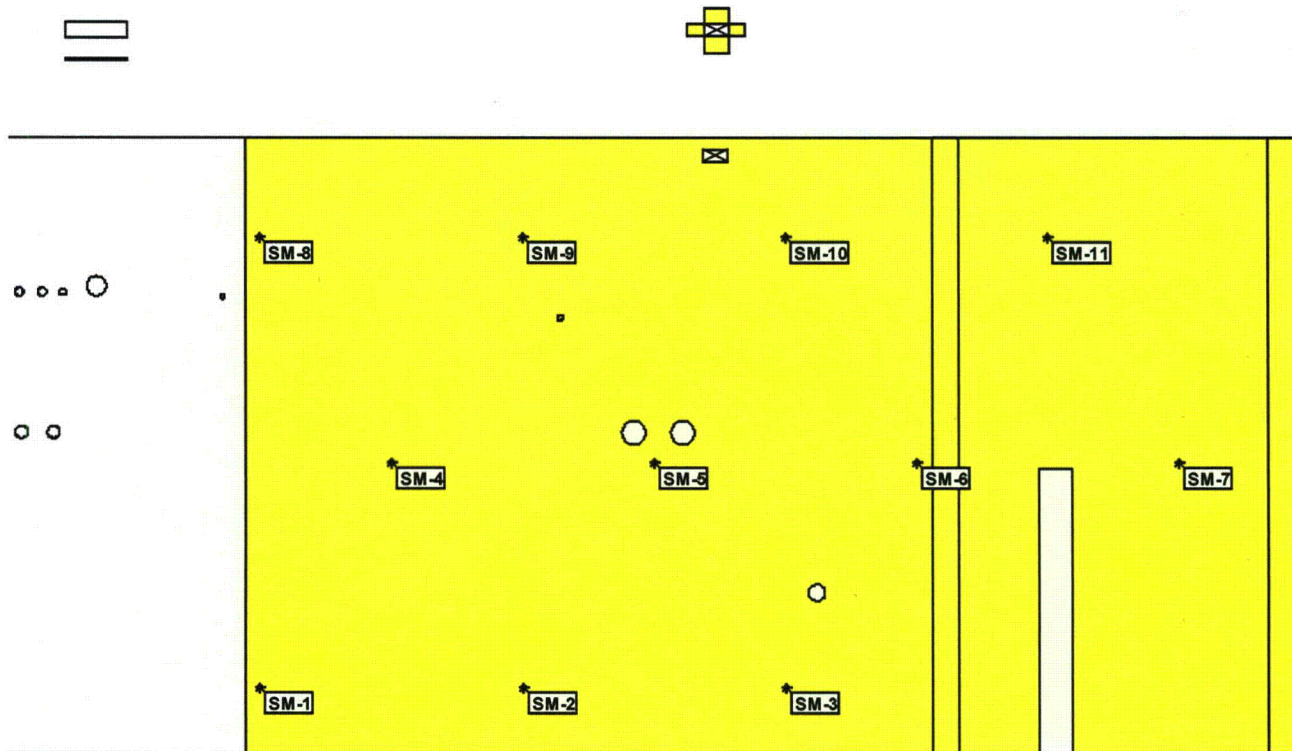
CV-3-28					
AREA: CV -25' Rx Annulus – Outer Wall Section #3					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.2	4.0	SM-1	125	Systematic	N/A
2.4	0.7	SM-2	914	Systematic	N/A
5.7	0.7	SM-3	461	Systematic	N/A
8.9	0.7	SM-4	434	Systematic	N/A
0.8	3.5	SM-5	664	Systematic	N/A
4.1	3.5	SM-6	520	Systematic	N/A
7.3	3.5	SM-7	507	Systematic	N/A
10.5	3.5	SM-8	375	Systematic	N/A
2.4	6.3	SM-9	691	Systematic	N/A
5.7	6.3	SM-10	592	Systematic	N/A
8.9	6.3	SM-11	395	Systematic	N/A
Sample measurements are taken from the lower left corner of the wall surface on which they lie.					

Survey Unit CV-3-29
CV -25' Reactor Annulus - Outer Wall Section #4



CV-3-29					
AREA: CV -25' Rx Annulus – Outer Wall Section #4					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.15	2.3	SM-1	336	Systematic	N/A
2.3	0.5	SM-2	513	Systematic	N/A
5.5	0.5	SM-3	461	Systematic	N/A
8.7	0.5	SM-4	651	Systematic	N/A
0.7	3.3	SM-5	526	Systematic	N/A
3.9	3.3	SM-6	638	Systematic	N/A
7.1	3.3	SM-7	467	Systematic	N/A
10.3	3.3	SM-8	375	Systematic	N/A
2.3	6.0	SM-9	638	Systematic	N/A
5.5	6.0	SM-10	428	Systematic	N/A
8.7	6.0	SM-11	704	Systematic	N/A
Sample measurements are taken from the lower left corner of the wall surface on which they lie.					

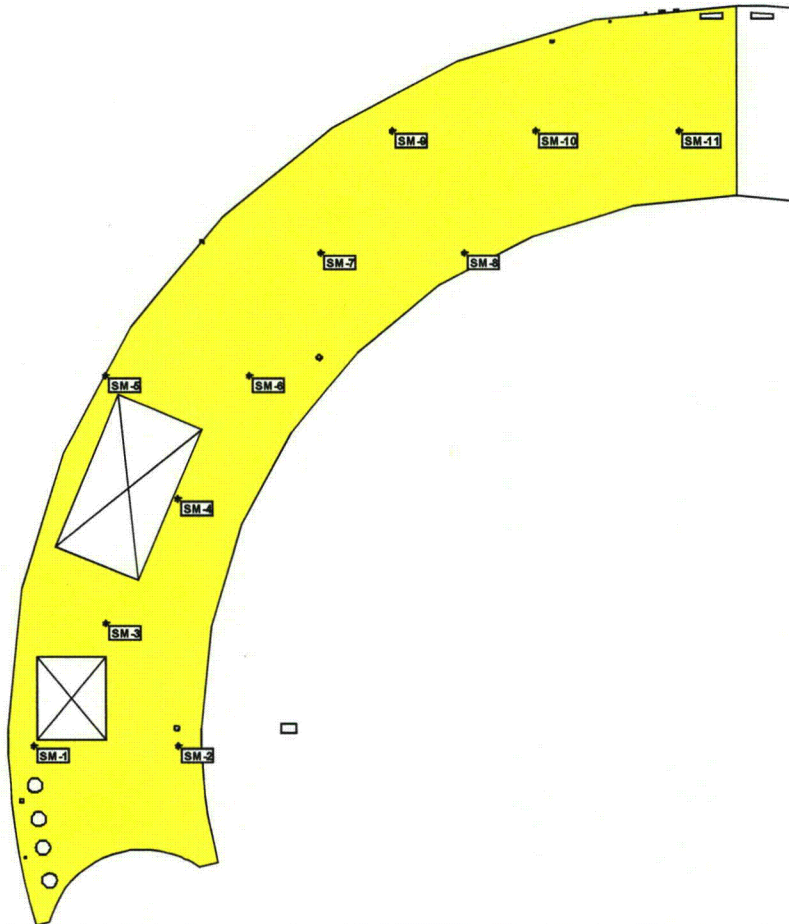
Survey Unit CV-3-30
CV -25' Reactor Annulus - Outer Wall Section #5



CV-3-30					
AREA: CV -25' Rx Annulus – Inner Wall Section #5					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.2	0.8	SM-1	605	Systematic	N/A
3.4	0.8	SM-2	796	Systematic	N/A
6.6	0.8	SM-3	618	Systematic	N/A
1.8	3.6	SM-4	421	Systematic	N/A
5.0	3.6	SM-5	704	Systematic	N/A
8.2	3.6	SM-6	599	Systematic	N/A
2.7	3.6	SM-7	145	Systematic	N/A
0.2	6.4	SM-8	743	Systematic	N/A
3.4	6.4	SM-9	329	Systematic	N/A
6.6	6.4	SM-10	572	Systematic	N/A
1.1	6.4	SM-11	224	Systematic	N/A

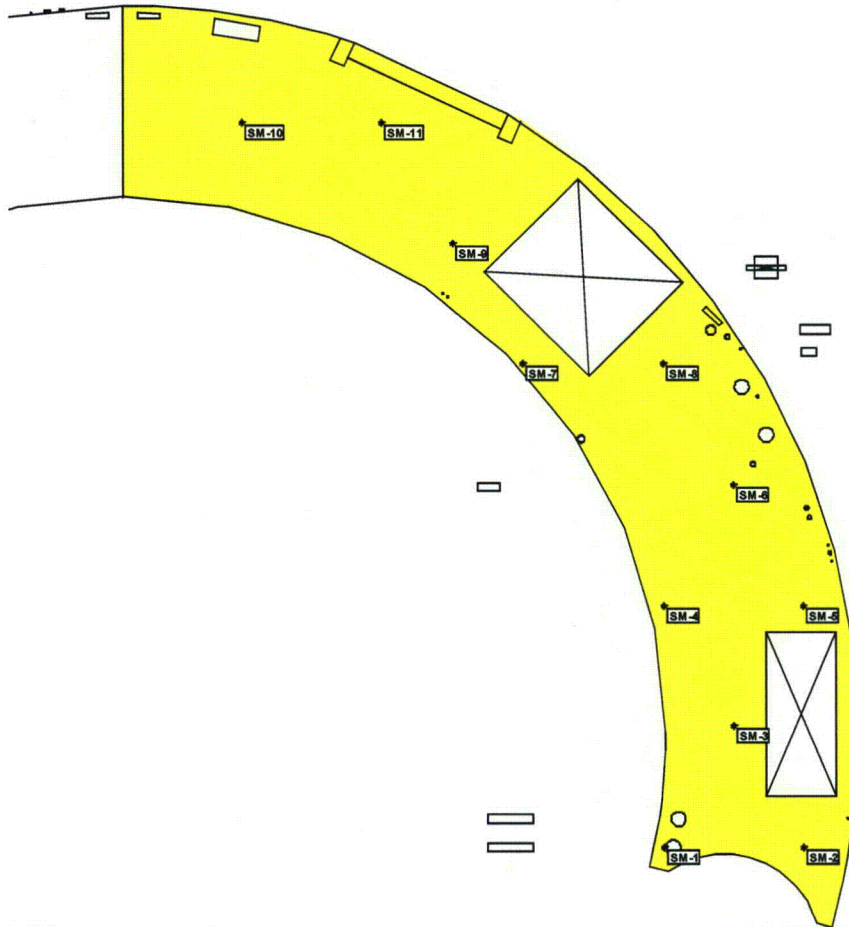
Sample measurements are taken from the lower left corner of the wall surface on which they lie.

Survey Unit CV-3-31
CV -25' Reactor Annulus - West Ceiling



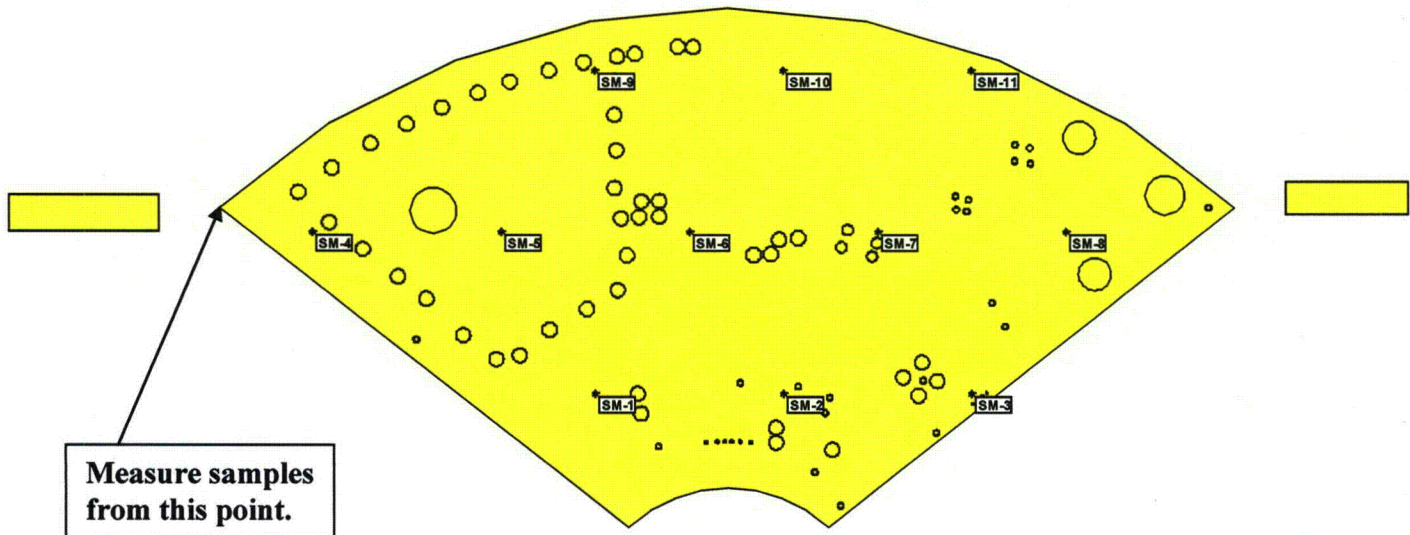
CV-3-31 AREA: CV -25' Rx Annulus – West Ceiling Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.5	3.9	SM-1	378	Systematic	N/A
-0.4	2.4	SM-2	385	Systematic	N/A
1.8	6.6	SM-3	534	Systematic	N/A
-1.4	7.2	SM-4	419	Systematic	N/A
Edge	11.9	SM-5	858	Systematic	N/A
-1.4	9.8	SM-6	588	Systematic	N/A
1.9	17.1	SM-7	561	Systematic	N/A
-0.4	14.5	SM-8	324	Systematic	N/A
0.6	20.1	SM-9	459	Systematic	N/A
-2.1	16.7	SM-10	500	Systematic	N/A
-1.5	19.3	SM-11	318	Systematic	N/A
For samples 2, 4, 6, 8, 10, and 11; measurements are taken from the southeast corner of the survey unit. For sample points 1, 3, 5, 7, and 9; measurements are taken from the southwest corner of the survey unit. The X coordinate is measured out from the inner wall or outer wall, respectively, and the Y coordinate measured along the wall.					

Survey Unit CV-3-32
CV -25' Reactor Annulus - East Ceiling



CV-3-32 AREA: CV -25' Rx Annulus – East Ceiling Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.2	0.5	SM-1	595	Systematic	N/A
-0.9	1.5	SM-2	473	Systematic	N/A
1.4	2.9	SM-3	568	Systematic	N/A
0.3	5.4	SM-4	358	Systematic	N/A
-0.8	6.9	SM-5	405	Systematic	N/A
-1.5	10.0	SM-6	209	Systematic	N/A
0.2	11.2	SM-7	358	Systematic	N/A
-1.6	13.3	SM-8	405	Systematic	N/A
1.1	13.7	SM-9	615	Systematic	N/A
1.8	18.1	SM-10	473	Systematic	N/A
-1.2	21.9	SM-11	385	Systematic	N/A
For samples 1, 3, 4, 7, 9, and 10; measurements are taken from the southwest corner of the survey unit. For sample points 2, 5, 6, 8, and 11; measurements are taken from the southeast corner of the survey unit. The X coordinate is measured out from the inner wall or outer wall, respectively, and the Y coordinate measured along the wall.					

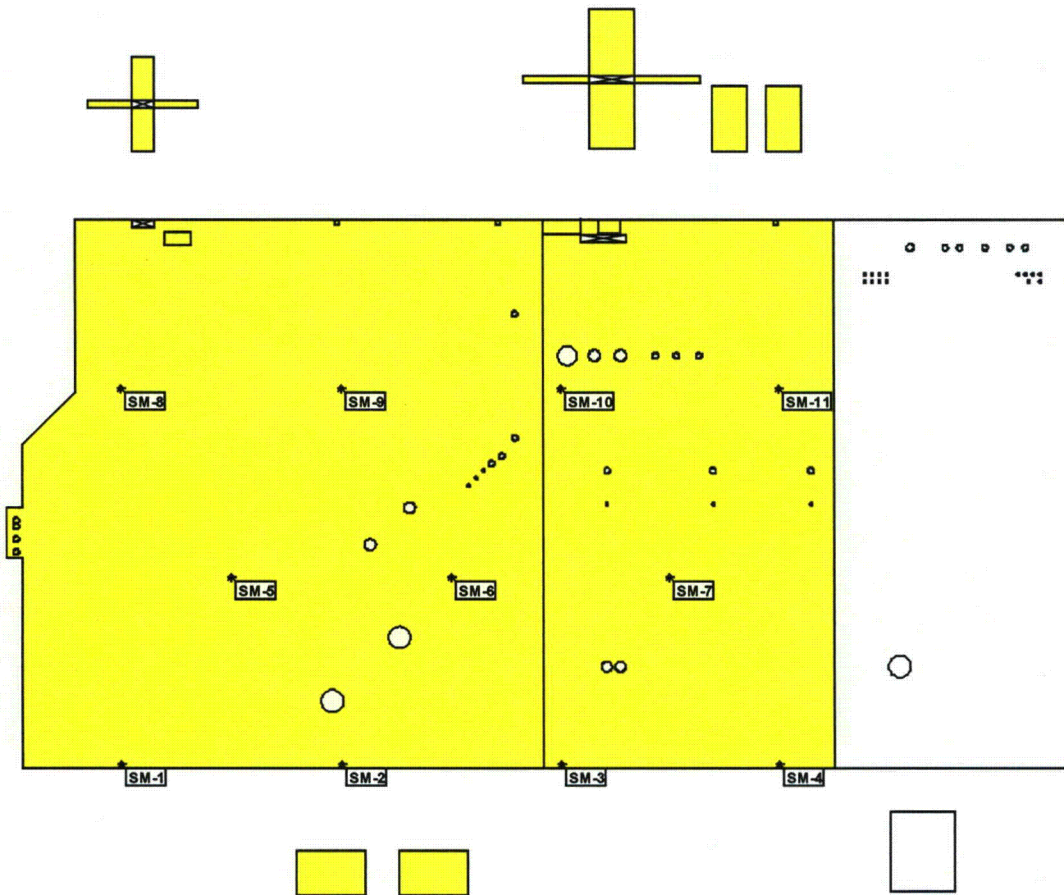
Survey Unit CV-3-33
Quad D - Floor



CV-3-33 AREA: CV Quad D – Floor Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
5.2	-2.6	SM-1	894	Systematic	N/A
7.8	-2.6	SM-2	650	Systematic	N/A
10.3	-2.6	SM-3	705	Systematic	N/A
1.3	-0.3	SM-4	163	Systematic	N/A
3.9	-0.3	SM-5	691	Systematic	N/A
6.5	-0.3	SM-6	535	Systematic	N/A
9.1	-0.3	SM-7	684	Systematic	N/A
11.6	-0.3	SM-8	799	Systematic	N/A
5.2	1.9	SM-9	481	Systematic	N/A
7.8	1.9	SM-10	664	Systematic	N/A
10.3	1.9	SM-11	589	Systematic	N/A

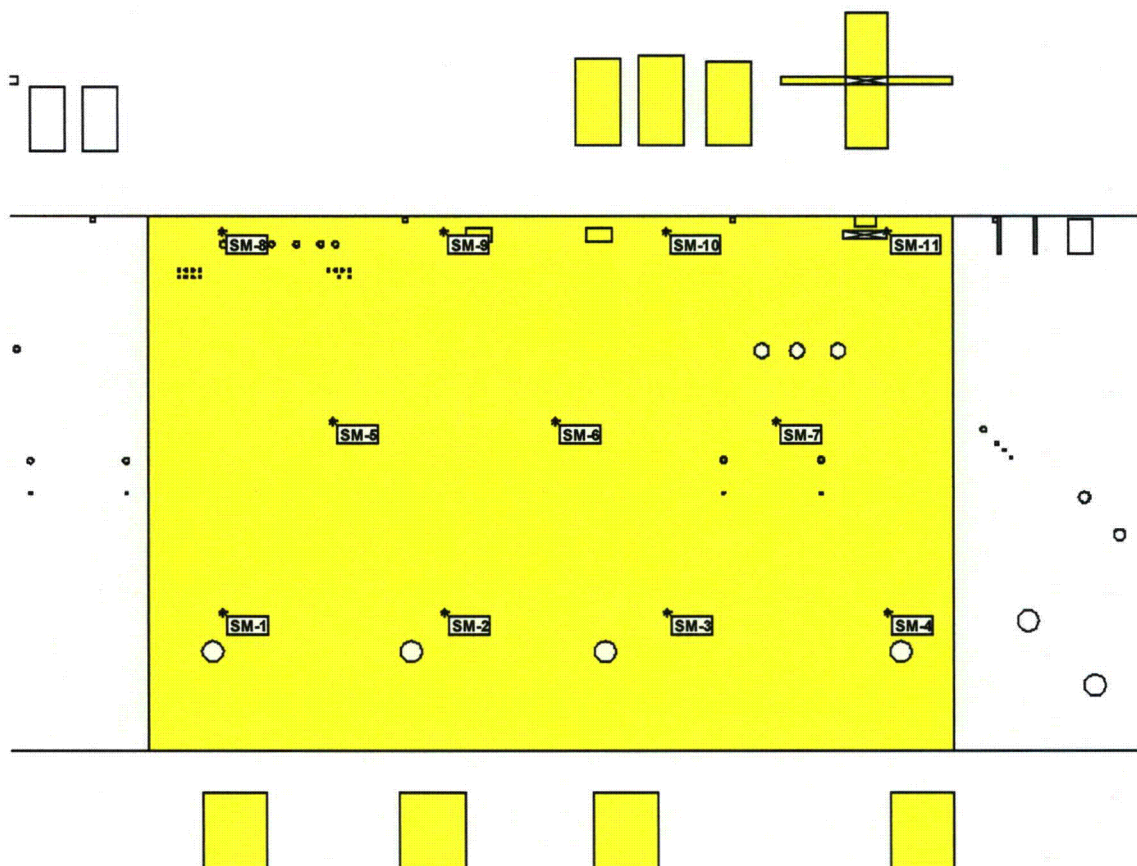
Samples are measured from the point shown on the map.

Survey Unit CV-3-34
Quad D - West Wall and West 4m of North Wall



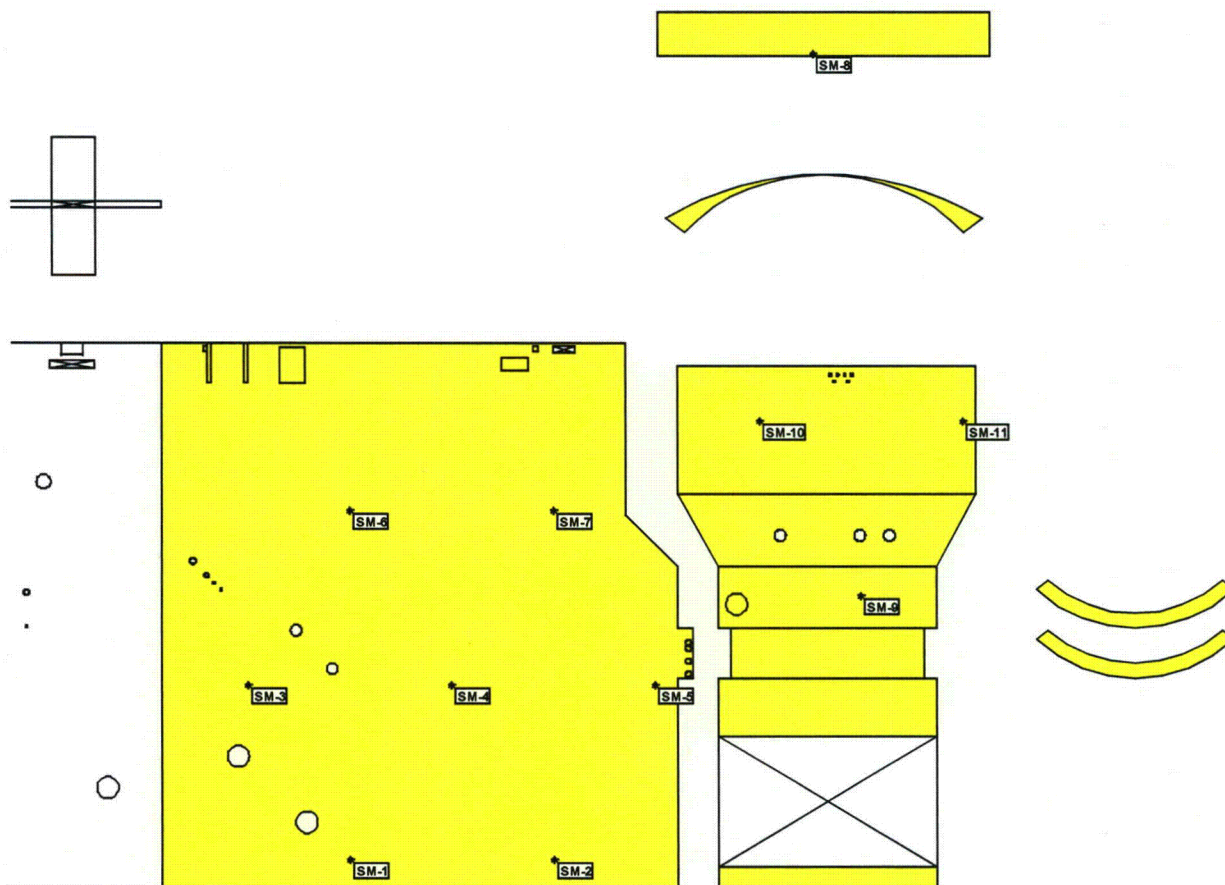
CV-3-34 CV Quad D – West Wall and West 4m of North Wall Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.4	0.1	SM-1	1007	Systematic	N/A
4.4	0.1	SM-2	757	Systematic	N/A
0.2	0.1	SM-3	54	Systematic	N/A
3.2	0.1	SM-4	473	Systematic	N/A
2.9	2.7	SM-5	162	Systematic	N/A
5.9	2.7	SM-6	682	Systematic	N/A
1.7	2.7	SM-7	628	Systematic	N/A
1.4	5.3	SM-8	412	Systematic	N/A
4.4	5.3	SM-9	453	Systematic	N/A
0.2	5.3	SM-10	824	Systematic	N/A
3.2	5.3	SM-11	196	Systematic	N/A
Sample measurements are taken from the lower left corner of the surface on which they lie.					

Survey Unit CV-3-35
Quad D - North Wall



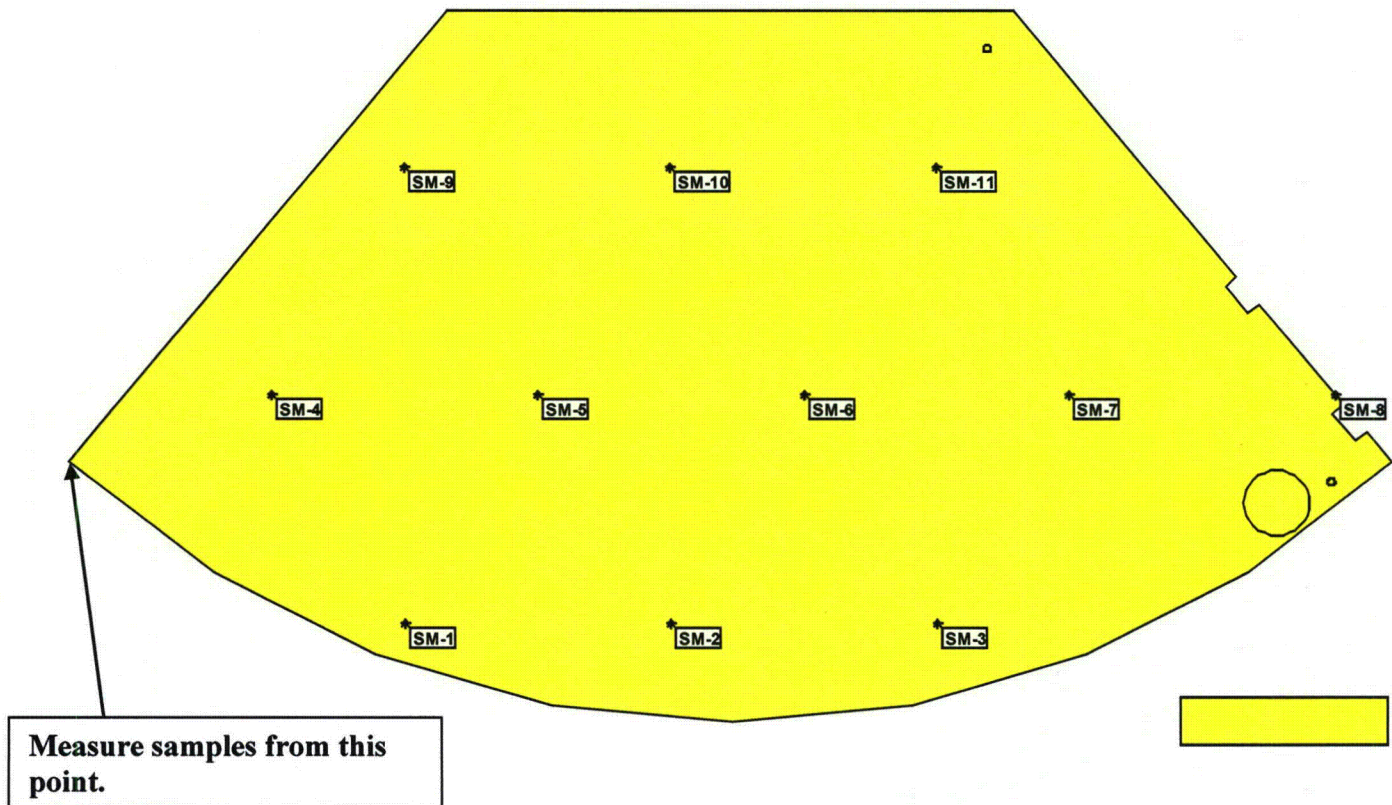
CV-3-35 AREA: CV Quad D – North Wall Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.0	2.0	SM-1	635	Systematic	N/A
4.2	2.0	SM-2	466	Systematic	N/A
7.3	2.0	SM-3	270	Systematic	N/A
10.5	2.0	SM-4	527	Systematic	N/A
2.6	4.7	SM-5	568	Systematic	N/A
5.8	4.7	SM-6	784	Systematic	N/A
8.9	4.7	SM-7	453	Systematic	N/A
1.0	7.4	SM-8	534	Systematic	N/A
4.2	7.4	SM-9	986	Systematic	N/A
7.3	7.4	SM-10	757	Systematic	N/A
10.5	7.4	SM-11	608	Systematic	N/A
Sample measurements are taken from the lower left hand corner of the survey unit.					

Survey Unit CV-3-36
Quad D - East Wall and Reactor Wall



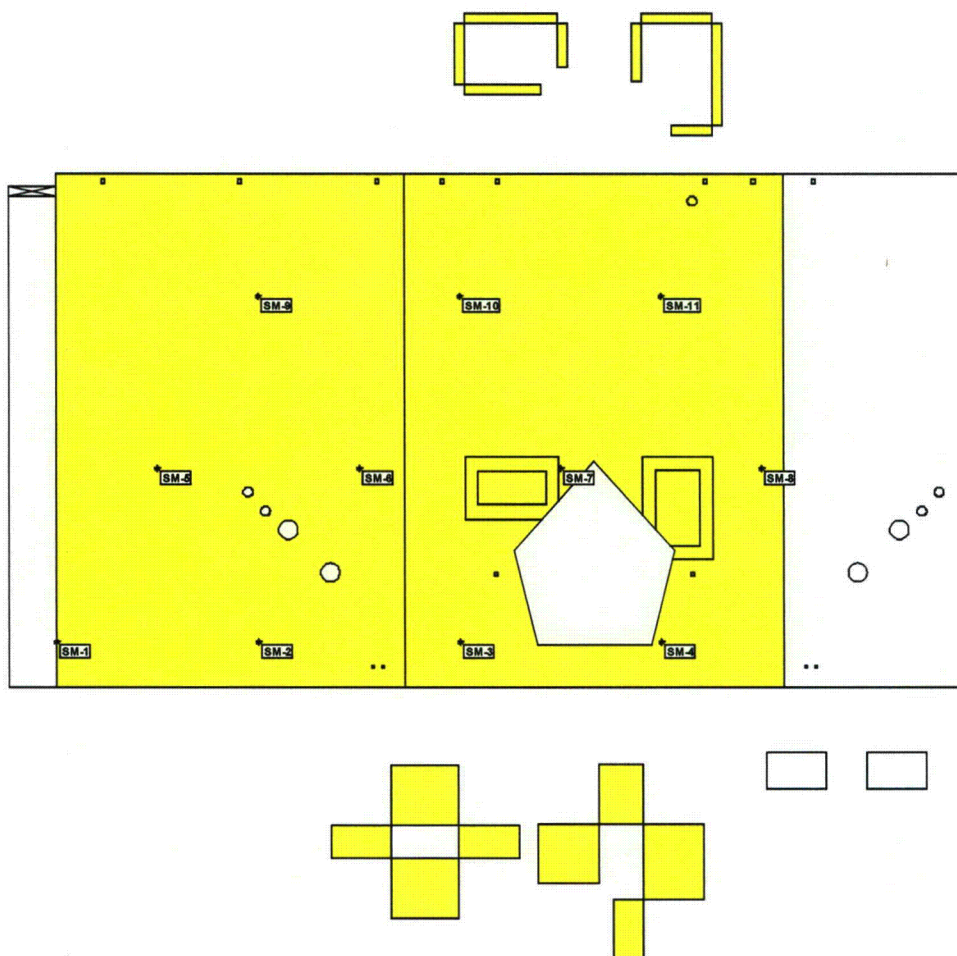
CV-3-36 AREA: CV Quad D – East Wall and Reactor Wall Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
2.6	0.4	SM-1	716	Systematic	N/A
5.4	0.4	SM-2	716	Systematic	N/A
1.2	2.9	SM-3	716	Systematic	N/A
4.0	2.9	SM-4	459	Systematic	N/A
6.8	2.9	SM-5	514	Systematic	N/A
2.6	5.3	SM-6	635	Systematic	N/A
5.4	5.3	SM-7	784	Systematic	N/A
2.1	Edge	SM-8	966	Systematic	N/A
2.0	0.5	SM-9	-27	Systematic	N/A
1.1	1.0	SM-10	95	Systematic	N/A
4.0	1.0	SM-11	-7	Systematic	N/A
Sample measurements are taken from the lower left corner of the surface on which they lie.					

Survey Unit CV-3-37
Quad B - Floor



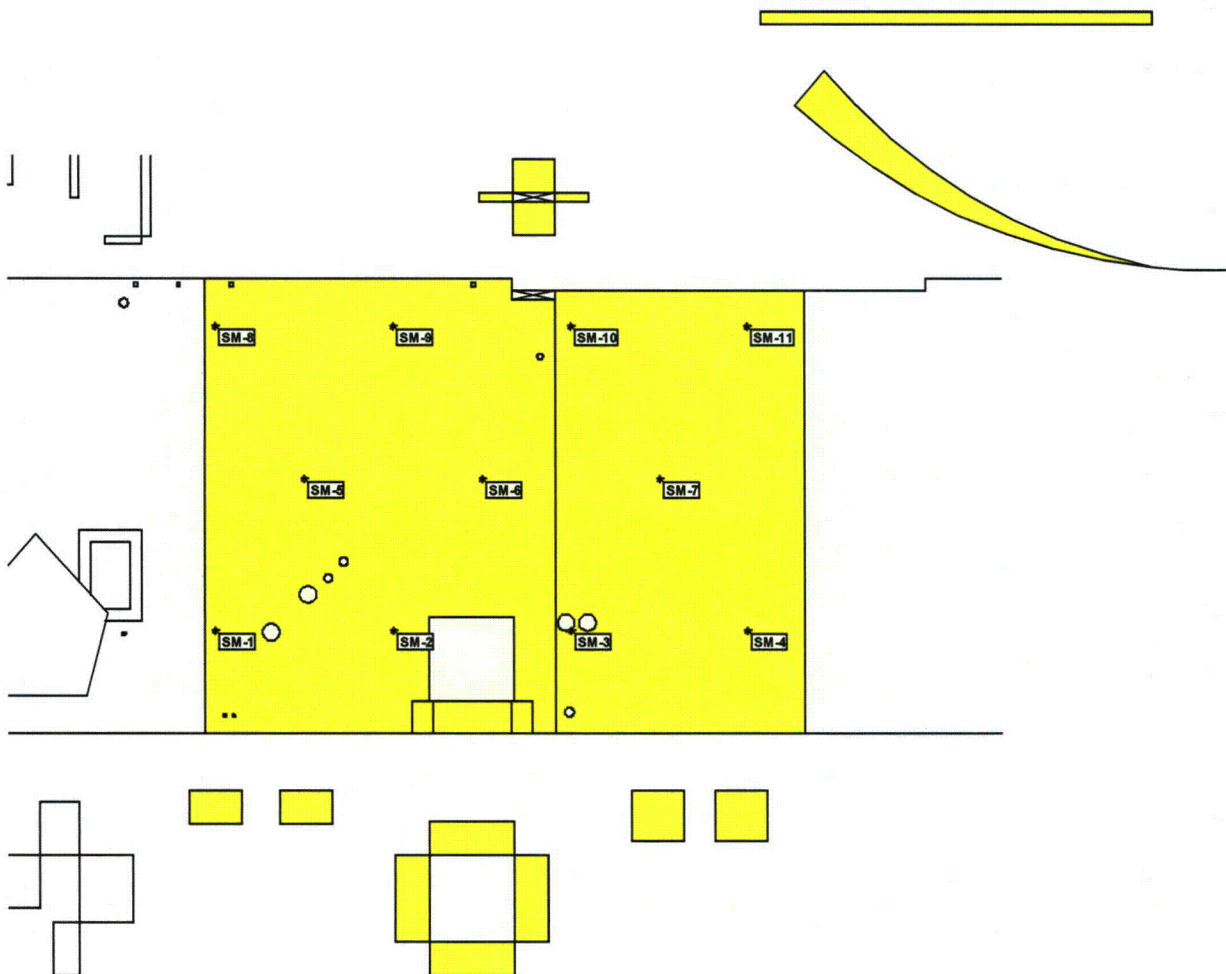
CV-3-37 AREA: CV Quad B – Floor Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
3.5	-1.7	SM-1	664	Systematic	N/A
6.4	-1.7	SM-2	427	Systematic	N/A
9.2	-1.7	SM-3	528	Systematic	N/A
2.1	0.7	SM-4	454	Systematic	N/A
5.0	0.7	SM-5	515	Systematic	N/A
7.8	0.7	SM-6	359	Systematic	N/A
10.6	0.7	SM-7	481	Systematic	N/A
13.4	0.7	SM-8	888	Systematic	N/A
3.5	3.2	SM-9	752	Systematic	N/A
6.4	3.2	SM-10	684	Systematic	N/A
9.2	3.2	SM-11	1240	Systematic	N/A
Sample measurements are taken from the point shown on the map.					

Survey Unit CV-3-38
Quad B – West and North Walls -



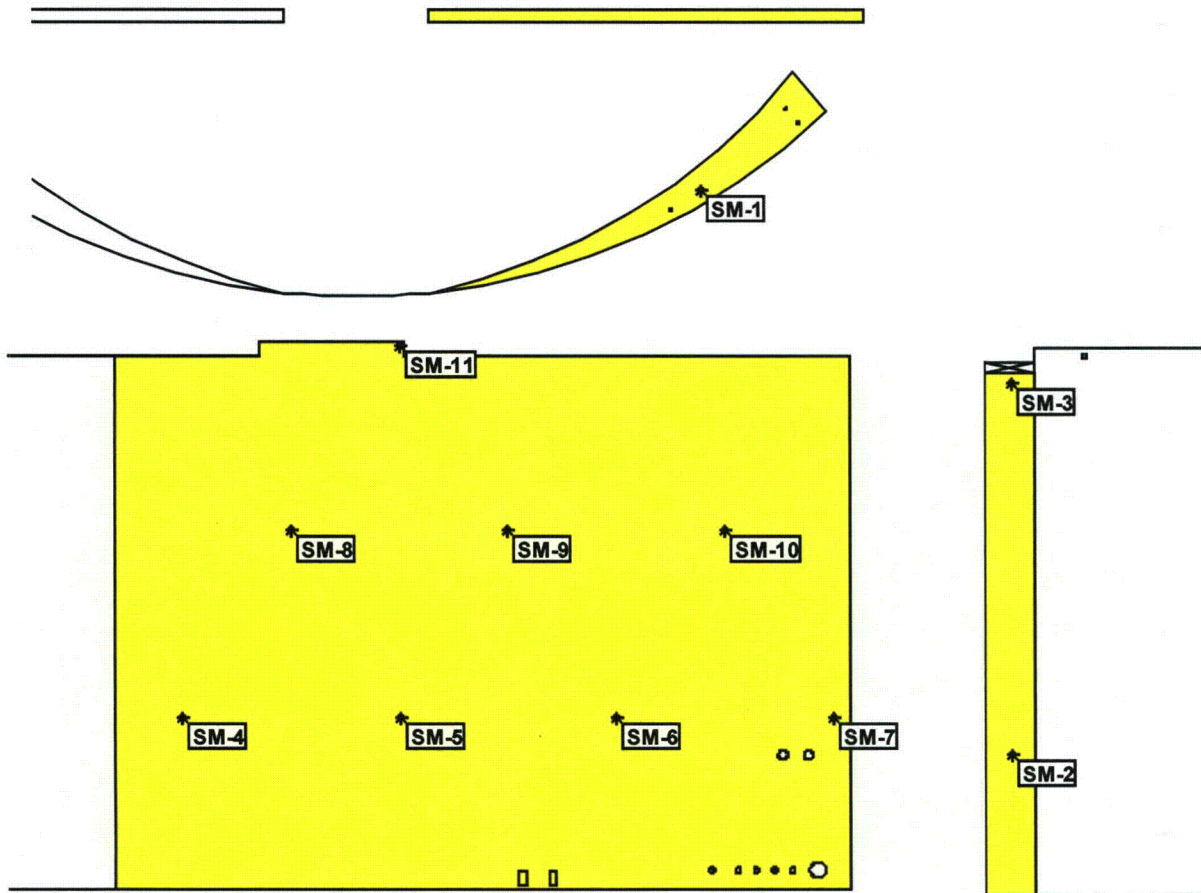
CV-3-38 AREA: CV Quad B – West and North Walls Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
Edge	0.7	SM-1	386	Systematic	N/A
3.2	0.7	SM-2	346	Systematic	N/A
0.9	0.7	SM-3	210	Systematic	N/A
4.1	0.7	SM-4	-169	Systematic	N/A
1.6	3.5	SM-5	440	Systematic	N/A
4.8	3.5	SM-6	474	Systematic	N/A
2.5	3.5	SM-7	20	Systematic	N/A
5.7	3.5	SM-8	81	Systematic	N/A
3.2	6.3	SM-9	393	Systematic	N/A
0.9	6.3	SM-10	102	Systematic	N/A
4.1	6.3	SM-11	122	Systematic	N/A
Sample measurements are taken from the lower left corner of the surface on which they lie.					

Survey Unit CV-3-39
Quad B – East Wall and East 4.5m of South Wall -



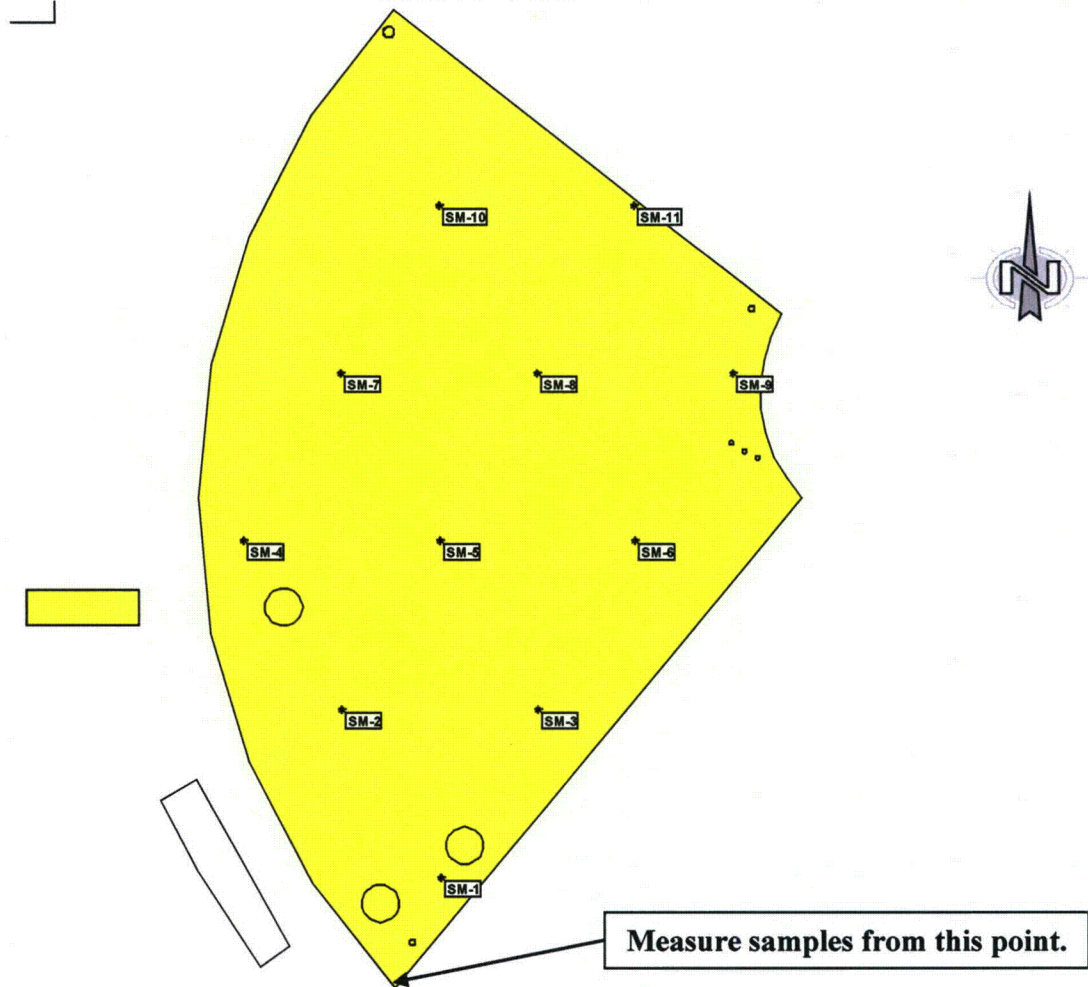
CV-3-39					
AREA: CV Quad B – East Wall and East 4.5m of South Wall					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.2	1.9	SM-1	617	Systematic	N/A
3.4	1.9	SM-2	339	Systematic	N/A
0.3	1.9	SM-3	149	Systematic	N/A
3.5	1.9	SM-4	413	Systematic	N/A
1.8	4.6	SM-5	68	Systematic	N/A
5.0	4.6	SM-6	413	Systematic	N/A
1.9	4.6	SM-7	325	Systematic	N/A
0.2	7.4	SM-8	596	Systematic	N/A
3.4	7.4	SM-9	637	Systematic	N/A
0.3	7.4	SM-10	725	Systematic	N/A
3.5	7.4	SM-11	535	Systematic	N/A
Sample measurements are taken from the lower left corner of the surface on which they lie.					

Survey Unit CV-3-40
Quad B - South Wall



CV-3-40 AREA: CV Quad B – South Wall Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
4.3	0.2	SM-1	725	Systematic	N/A
0.4	2.1	SM-2	257	Systematic	N/A
0.4	7.7	SM-3	786	Systematic	N/A
1.0	2.6	SM-4	352	Systematic	N/A
4.2	2.6	SM-5	210	Systematic	N/A
7.5	2.6	SM-6	413	Systematic	N/A
10.7	2.6	SM-7	589	Systematic	N/A
2.6	5.4	SM-8	271	Systematic	N/A
5.8	5.4	SM-9	217	Systematic	N/A
9.1	5.4	SM-10	562	Systematic	N/A
Edge	Edge	SM-11	434	Systematic	N/A
Sample measurements are taken from the lower left corner of the surface on which they lie.					

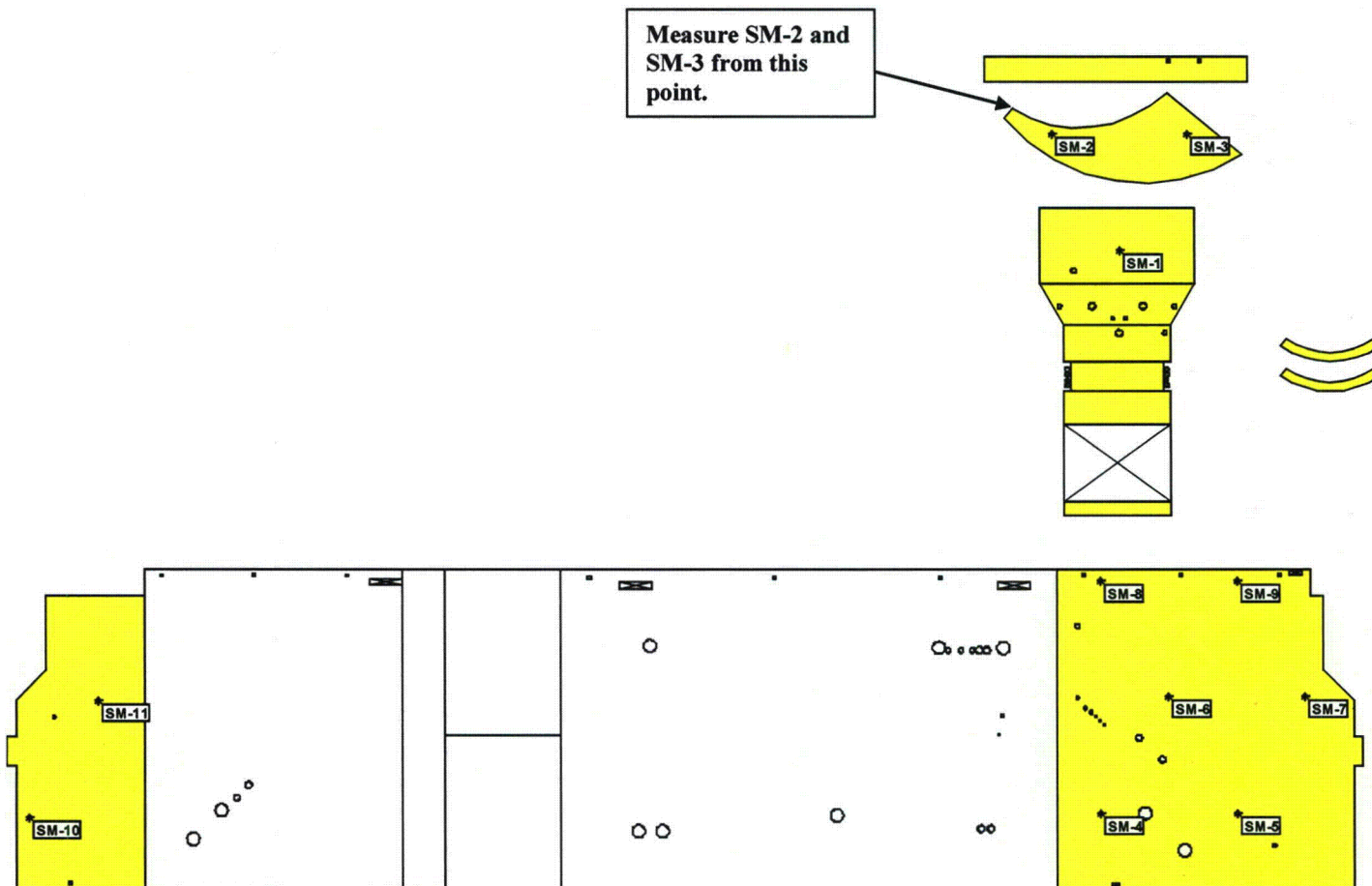
Survey Unit CV-3-41
Quad A - Floor



CV-3-41 AREA: CV Quad A – Floor Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.7	1.6	SM-1	412	Systematic	N/A
-0.7	4.0	SM-2	426	Systematic	N/A
2.0	4.0	SM-3	440	Systematic	N/A
-2.1	6.4	SM-4	692	Systematic	N/A
0.7	6.4	SM-5	776	Systematic	N/A
3.4	6.4	SM-6	950	Systematic	N/A
-0.7	8.8	SM-7	538	Systematic	N/A
2.0	8.8	SM-8	678	Systematic	N/A
4.8	8.8	SM-9	0	Systematic	N/A
0.7	11.2	SM-10	853	Systematic	N/A
3.4	11.2	SM-11	1020	Systematic	N/A
Samples are measured from the point shown on the map.					

Survey Unit CV-3-42
Quad A - North Wall, Reactor Wall, & East 3m of South Wall

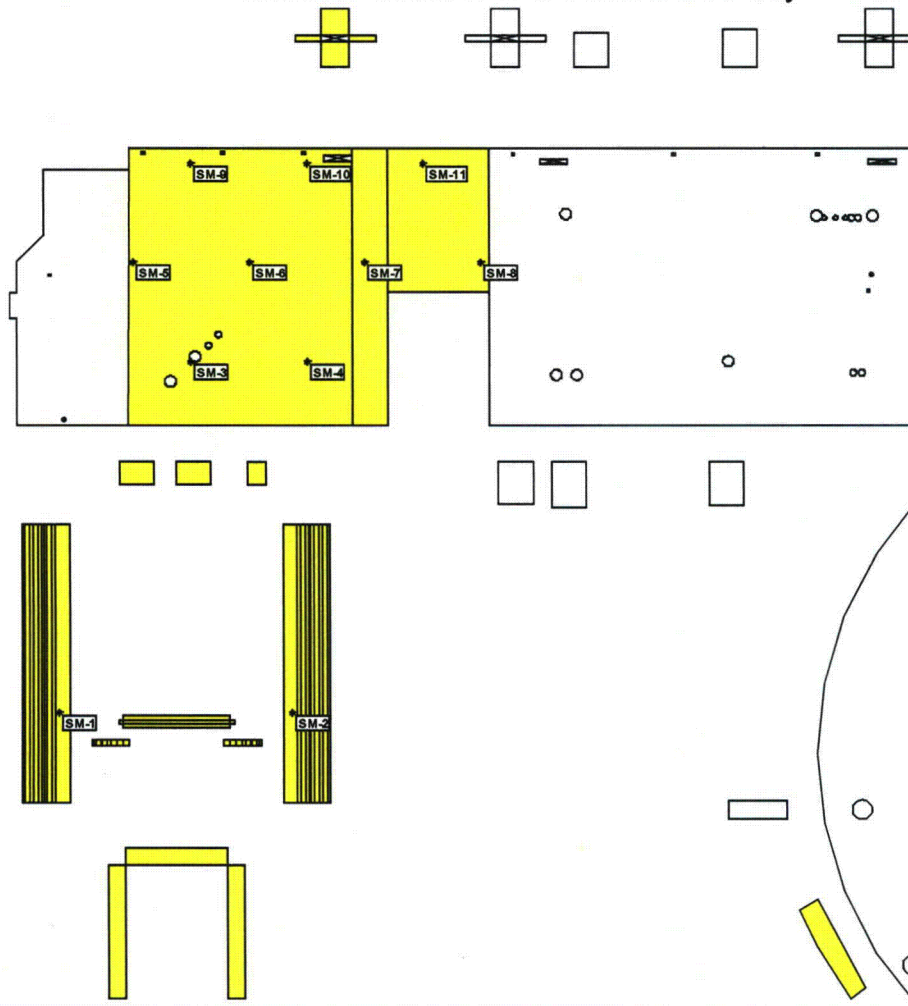
Measure SM-2 and
SM-3 from this
point.



CV-3-42 AREA: CV Quad A – North Wall, Reactor Wall and East 3m of South Wall Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.9	0.8	SM-1	41	Systematic	N/A
1.1	0.2	SM-2	325	Systematic	N/A
3.5	1.1	SM-3	325	Systematic	N/A
1.0	1.8	SM-4	407	Systematic	N/A
4.2	1.8	SM-5	725	Systematic	N/A
2.6	4.6	SM-6	549	Systematic	N/A
5.8	4.6	SM-7	508	Systematic	N/A
1.0	7.4	SM-8	230	Systematic	N/A
4.2	7.4	SM-9	637	Systematic	N/A
0.3	1.7	SM-10	738	Systematic	N/A
1.9	4.5	SM-11	583	Systematic	N/A

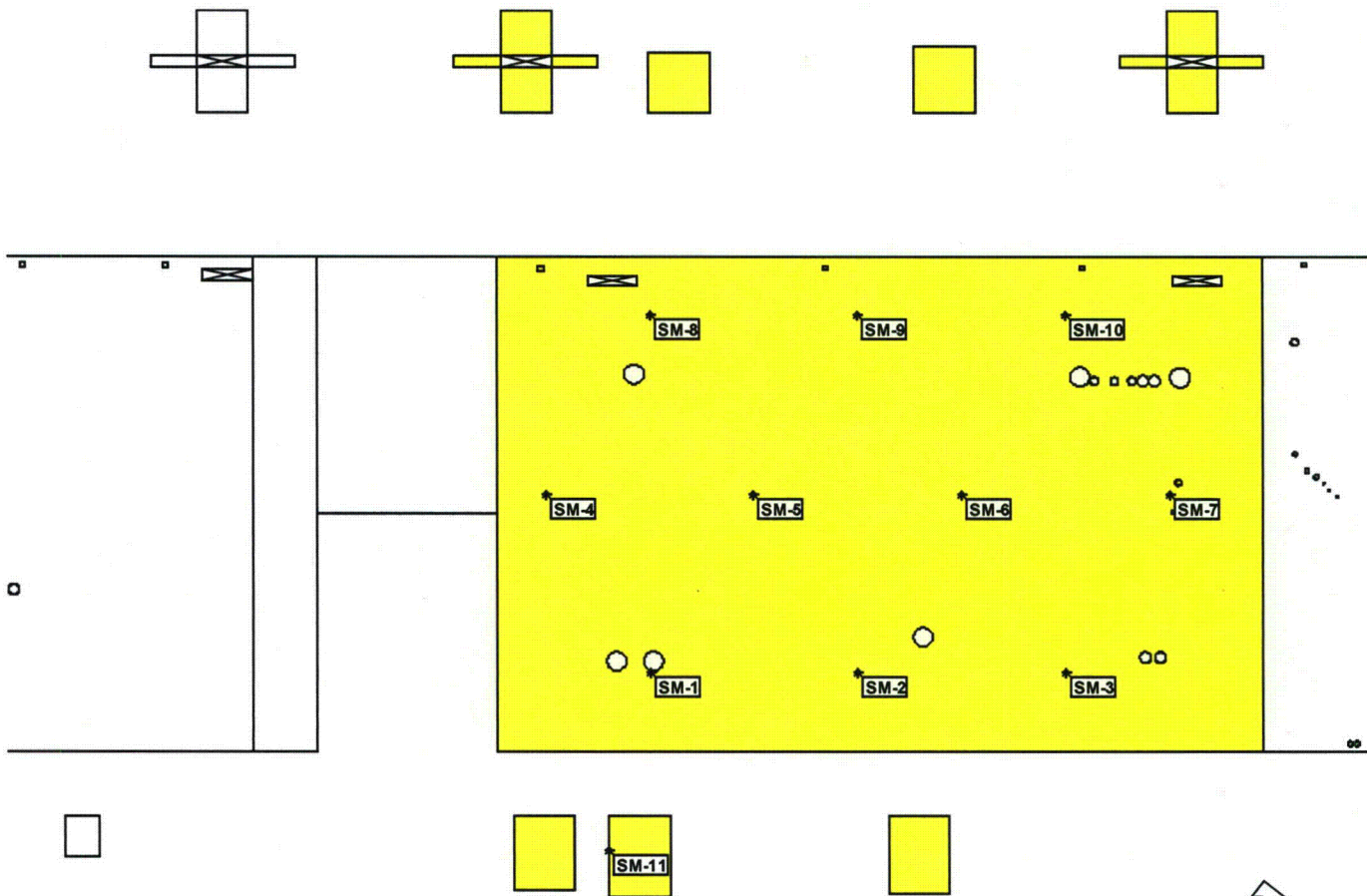
Sample measurements are taken from the lower left corner of the surface on which they lie, except for SM-2 and SM-3, which are measured from the point shown on the map.

Survey Unit CV-3-43
Quad A - South Wall & Canal E Doorway



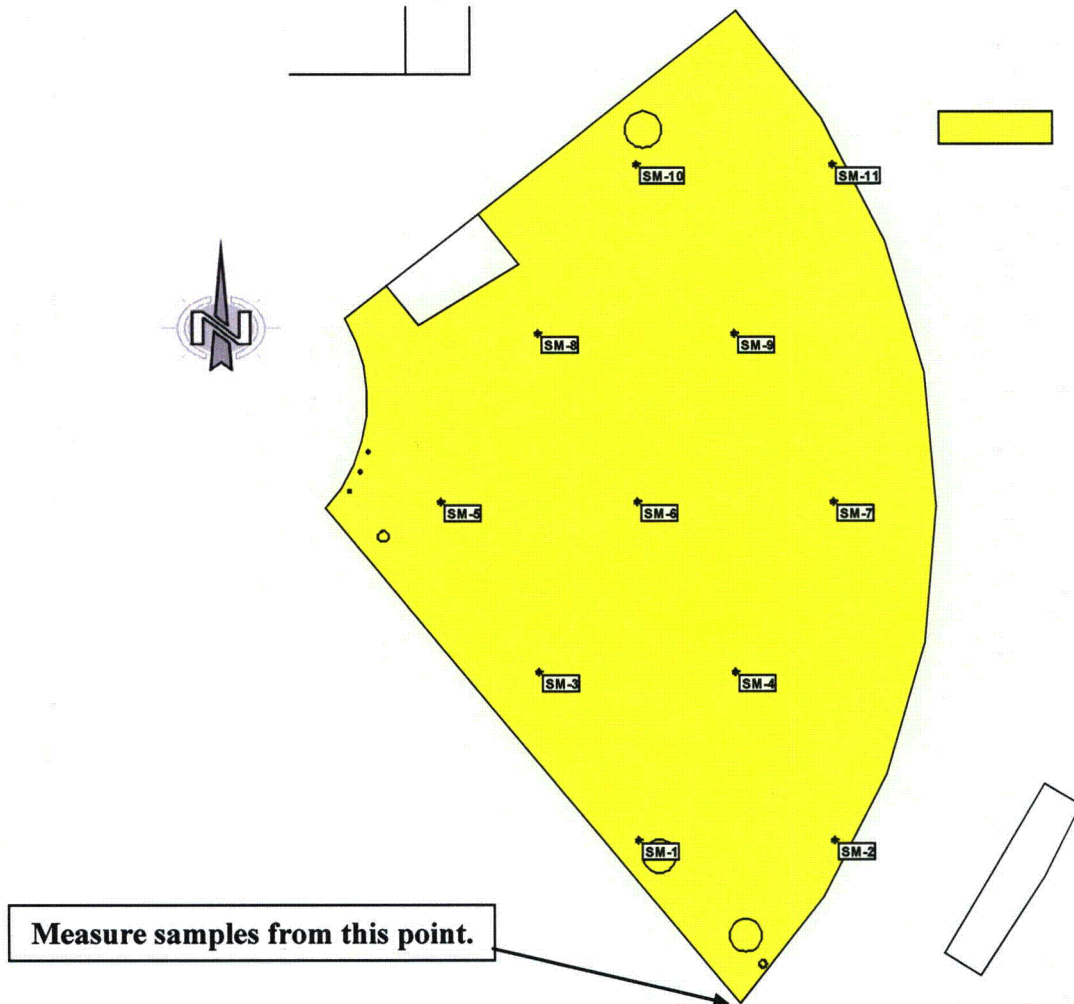
CV-3-43 AREA: CV Quad A – South Wall and Canal E Doorway Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.1	2.5	SM-1	132	Systematic	N/A
0.2	2.5	SM-2	3180	Systematic	N/A
1.7	1.8	SM-3	583	Systematic	N/A
4.8	1.8	SM-4	515	Systematic	N/A
0.1	4.5	SM-5	617	Systematic	N/A
3.3	4.5	SM-6	461	Systematic	N/A
0.3	4.5	SM-7	237	Systematic	N/A
2.5	4.5	SM-8	156	Systematic	N/A
1.7	7.2	SM-9	799	Systematic	N/A
4.8	7.2	SM-10	318	Systematic	N/A
0.9	7.2	SM-11	210	Systematic	N/A
Samples are measured from the lower left corner of the surface on which they lie.					

Survey Unit CV-3-44
Quad A - West Wall



CV-3-44 AREA: CV Quad A – West Wall Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
2.3	1.2	SM-1	413	Systematic	N/A
5.5	1.2	SM-2	603	Systematic	N/A
8.7	1.2	SM-3	373	Systematic	N/A
0.7	4.0	SM-4	556	Systematic	N/A
3.9	4.0	SM-5	522	Systematic	N/A
7.1	4.0	SM-6	461	Systematic	N/A
10.3	4.0	SM-7	318	Systematic	N/A
2.3	6.7	SM-8	467	Systematic	N/A
5.5	6.7	SM-9	312	Systematic	N/A
8.7	6.7	SM-10	691	Systematic	N/A
top	0.7	SM-11	129	Systematic	N/A
Samples are measured from the lower left corner of the surface on which they lie.					

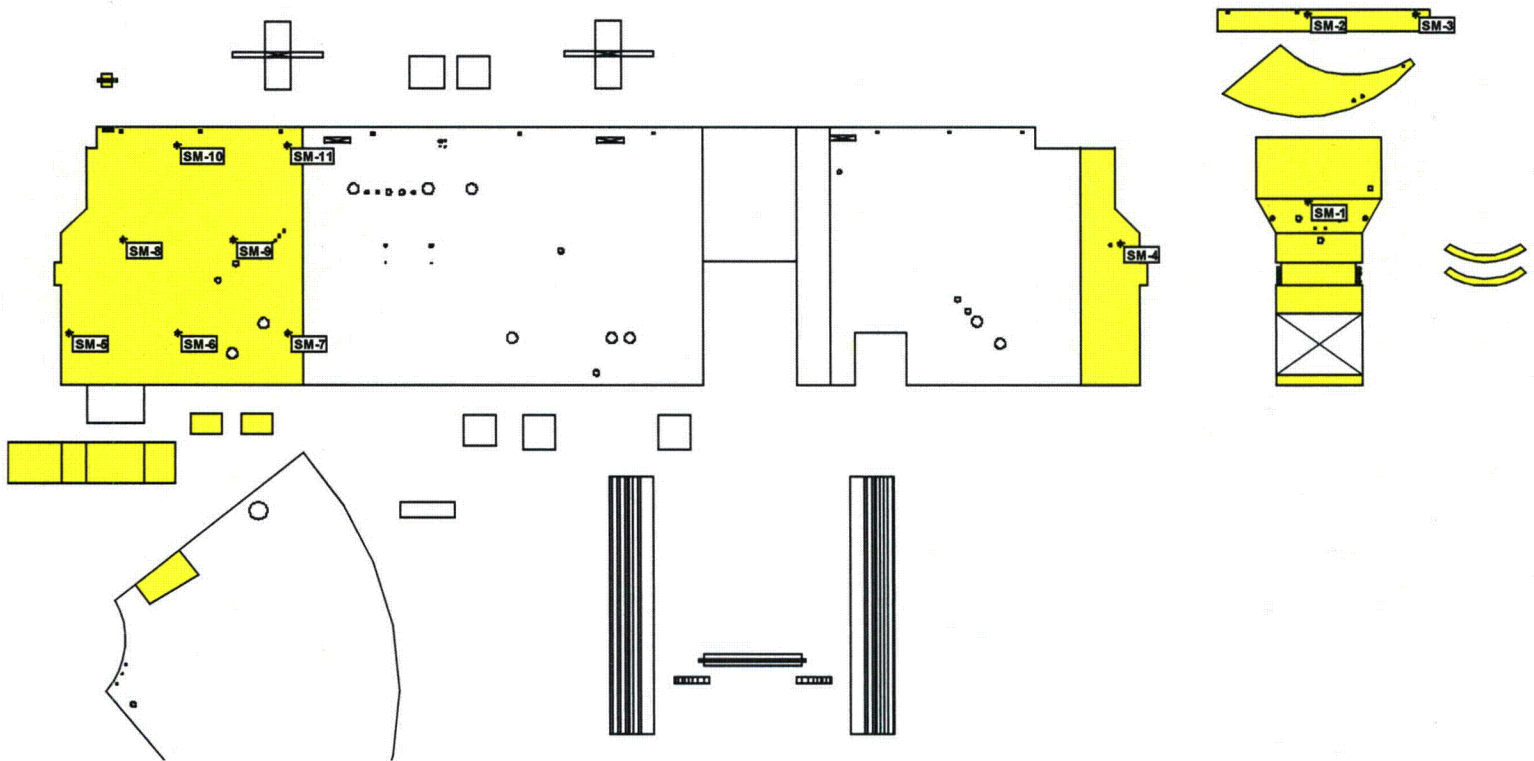
Survey Unit CV-3-45
Quad C - Floor



CV-3-45 AREA: CV Quad C – Floor Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
-1.4	2.3	SM-1	629	Systematic	N/A
1.3	2.3	SM-2	601	Systematic	N/A
-2.8	4.7	SM-3	881	Systematic	N/A
-0.1	4.7	SM-4	748	Systematic	N/A
-4.2	7.1	SM-5	727	Systematic	N/A
-1.4	7.1	SM-6	671	Systematic	N/A
1.3	7.1	SM-7	391	Systematic	N/A
-2.8	9.5	SM-8	622	Systematic	N/A
-0.1	9.5	SM-9	573	Systematic	N/A
-1.4	11.8	SM-10	922	Systematic	N/A
1.3	11.8	SM-11	433	Systematic	N/A

Sample measurements are taken from the point shown on the map.

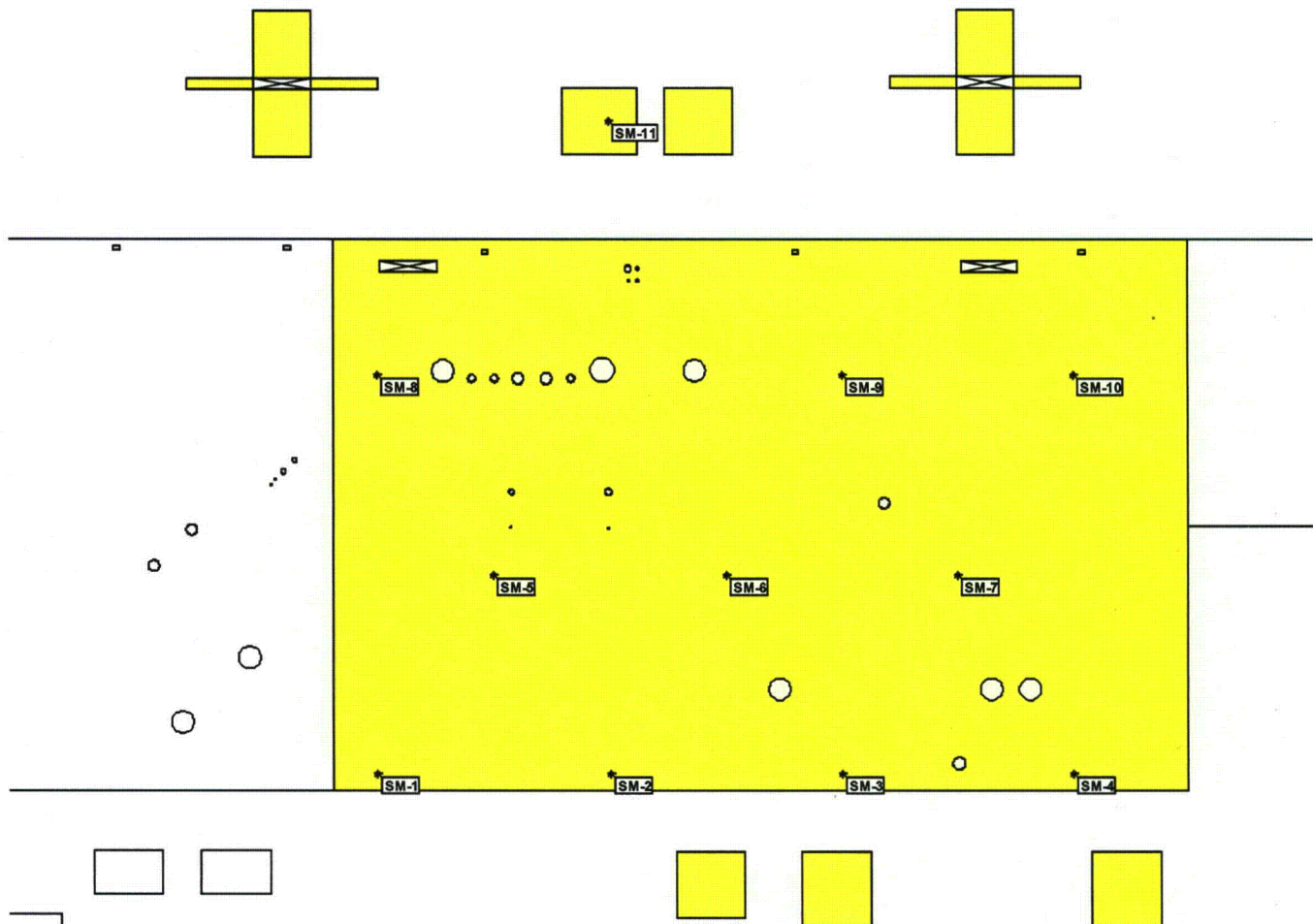
Survey Unit CV-3-46
Quad C - North Wall, Rx Wall, & West Section of South Wall



CV-3-46					
AREA: CV Quad C – North Wall, Rx Wall and South Wall West Section					
Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
1.4	1.0	SM-1	-21	Systematic	N/A
2.6	0.4	SM-2	874	Systematic	N/A
5.8	0.4	SM-3	720	Systematic	N/A
1.2	4.2	SM-4	3080	Systematic	N/A
0.2	1.6	SM-5	1307	Systematic	N/A
3.4	1.6	SM-6	328	Systematic	N/A
6.6	1.6	SM-7	692	Systematic	N/A
1.8	4.3	SM-8	867	Systematic	N/A
5.0	4.3	SM-9	482	Systematic	N/A
3.4	7.1	SM-10	888	Systematic	N/A
6.6	7.1	SM-11	685	Systematic	N/A

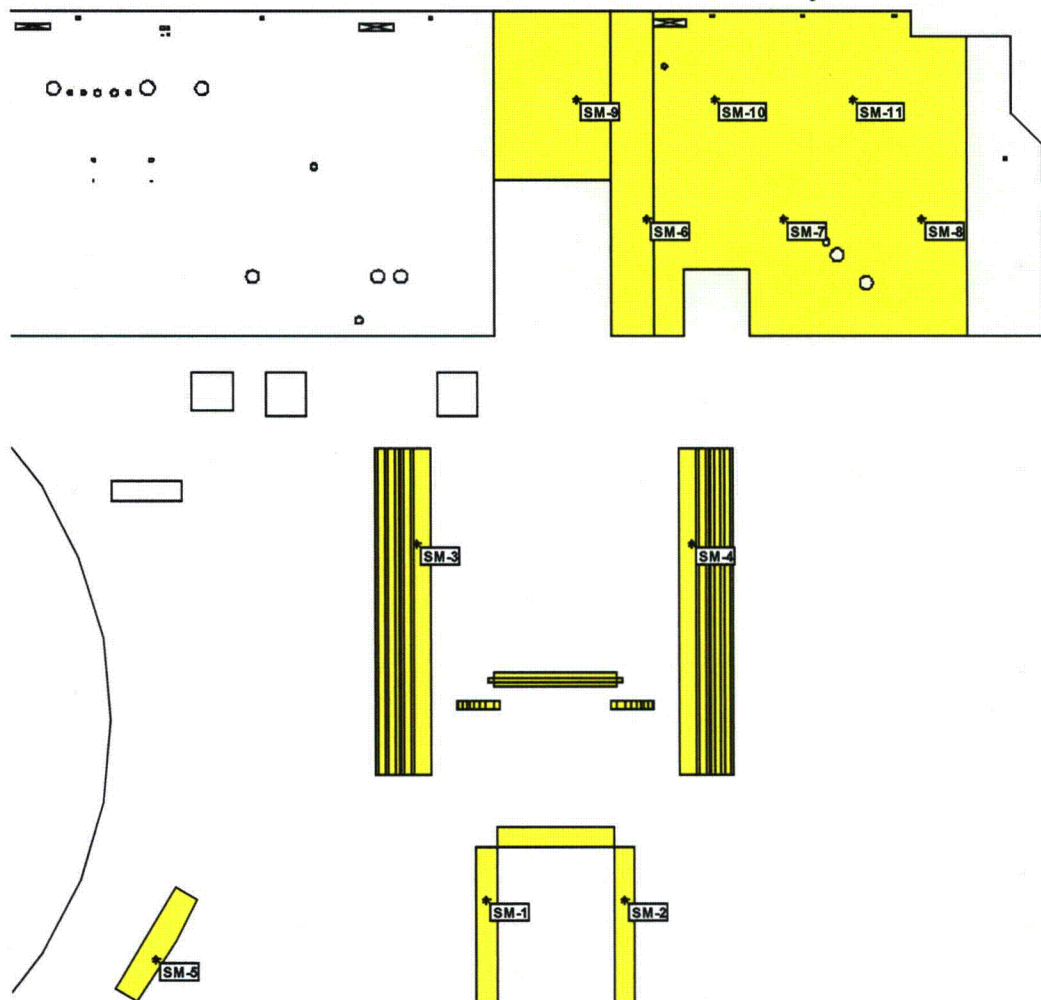
Sample measurements are taken from the lower left corner of the surface on which they lie.

Survey Unit CV-3-47
Quad C - East Wall



CV-3-47 AREA: CV Quad C – East Wall Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.6	0.2	SM-1	615	Systematic	N/A
3.8	0.2	SM-2	1070	Systematic	N/A
7.0	0.2	SM-3	643	Systematic	N/A
10.1	0.2	SM-4	957	Systematic	N/A
2.2	3.0	SM-5	545	Systematic	N/A
5.4	3.0	SM-6	210	Systematic	N/A
8.6	3.0	SM-7	566	Systematic	N/A
0.6	5.7	SM-8	671	Systematic	N/A
7.0	5.7	SM-9	573	Systematic	N/A
10.1	5.7	SM-10	594	Systematic	N/A
0.6	0.5	SM-11	161	Systematic	N/A
Sample measurements are taken from the lower left corner of the surface on which they lie.					

Survey Unit CV-3-48
Quad C - South Wall & Canal E Doorway



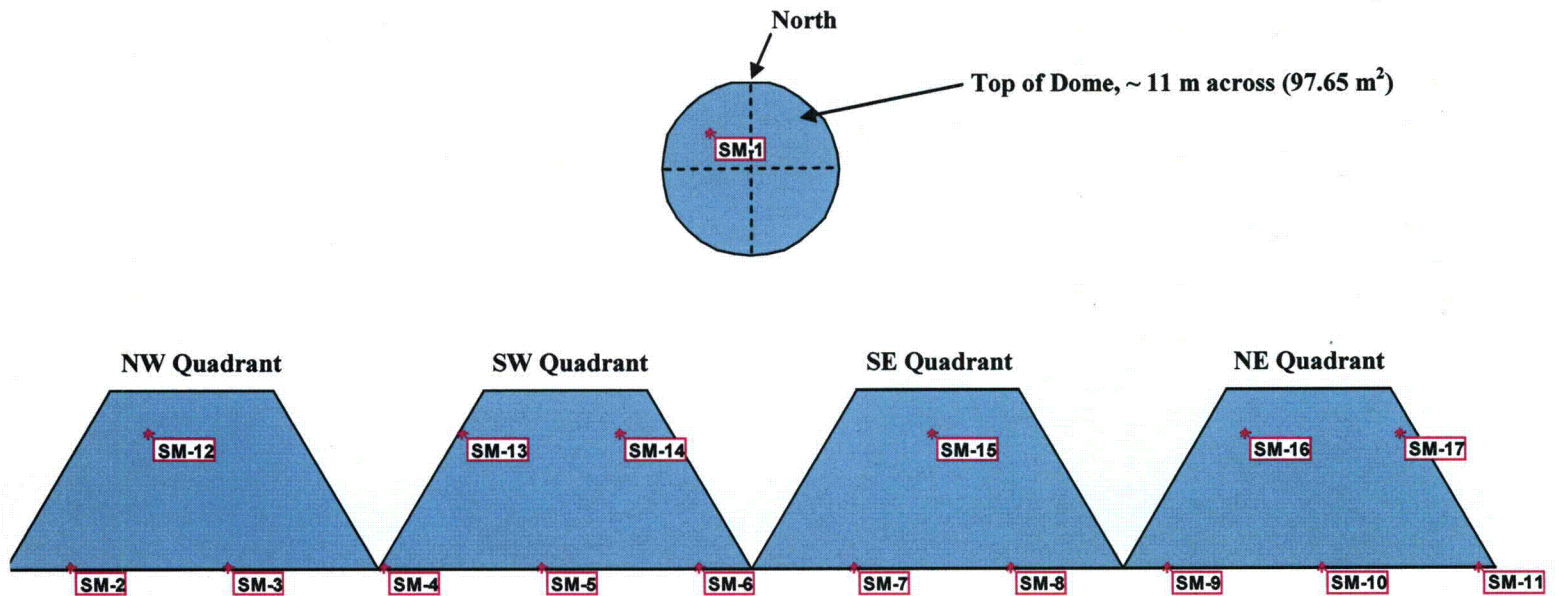
CV-3-48 AREA: CV Quad C – South Wall and Canal E Doorway Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.2	2.4	SM-1	629	Systematic	N/A
0.2	2.4	SM-2	384	Systematic	N/A
Edge	5.4	SM-3	1020	Systematic	N/A
Edge	5.4	SM-4	1860	Systematic	N/A
1.7	0.5	SM-5	818	Systematic	N/A
0.8	2.8	SM-6	608	Systematic	N/A
3.0	2.8	SM-7	321	Systematic	N/A
6.2	2.8	SM-8	790	Systematic	N/A
2.0	5.5	SM-9	126	Systematic	N/A
1.4	5.5	SM-10	321	Systematic	N/A
4.6	5.5	SM-11	433	Systematic	N/A
Sample measurements are taken from the lower left corner of the surface on which they rest.					

Survey Unit CV-4-1
CV Dome Exterior - 26'10" to 32'10"



CV-4-1 AREA: CV Dome Exterior Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
0.7	1.2	SM-1	168	Systematic	N/A
9.7	1.2	SM-2	-189	Systematic	N/A
18.8	1.2	SM-3	-84	Systematic	N/A
27.8	1.2	SM-4	-231	Systematic	N/A
36.8	1.2	SM-5	196	Systematic	N/A
45.8	1.2	SM-6	147	Systematic	N/A
54.8	1.2	SM-7	7	Systematic	N/A
63.9	1.2	SM-8	98	Systematic	N/A
72.9	1.2	SM-9	-91	Systematic	N/A
81.9	1.2	SM-10	14	Systematic	N/A
90.9	1.2	SM-11	-105	Systematic	N/A
All sample measurements are taken from the lower left corner of the quadrant in which they fall.					

Survey Unit CV-4-2
CV Dome Exterior - 32'10" to 53'2"
Page 1 of 2



Sides of Dome, from Elevation 32'10", separated into
Quadrants.

The height of each Quadrant is 11.4 m.

The Area of each Quadrant is 192 m².

Survey Unit CV-4-2
CV Dome Exterior - 32'10" to 53'2"
Page 2 of 2

CV-4-2 AREA: CV Dome Exterior Measurement Locations and results					
X Co-ord (m)	Y Co-ord (m)	Location / dpm/100cm ²		Type	Notes
4.6	2.0	SM-1	962	Systematic	N/A
4.1	0.2	SM-2	133	Systematic	N/A
23.8	0.2	SM-3	42	Systematic	N/A
0.4	0.2	SM-4	-7	Systematic	N/A
10.2	0.2	SM-5	28	Systematic	N/A
20.1	0.2	SM-6	-35	Systematic	N/A
6.5	0.2	SM-7	371	Systematic	N/A
16.3	0.2	SM-8	77	Systematic	N/A
2.7	0.2	SM-9	-28	Systematic	N/A
12.6	0.2	SM-10	105	Systematic	N/A
22.4	0.2	SM-11	-7	Systematic	N/A
4.0	8.7	SM-12	516	Systematic	N/A
0.2	8.7	SM-13	-19	Systematic	N/A
10.1	8.7	SM-14	177	Systematic	N/A
6.4	8.7	SM-15	Note 1	Systematic	N/A
2.5	8.7	SM-16	134	Systematic	N/A
12.5	8.7	SM-17	669	Systematic	N/A
<p>* Sample point SM-1 is measured from the northern point of the top of the Dome. Sample Points SM-2 through SM-17 are measured from the lower left corner of the quadrant in which they fall.</p> <p>Note 1: The area of southeast quadrant of the CV Dome in which SM-15 was located, was not accessible with the Boom Lift being used for the surveys of the dome, therefore this SM was not taken</p>					