

**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  $\text{dpm}/100\text{-cm}^2$  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:

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

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).

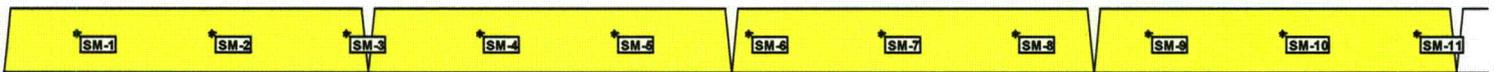
$(\text{Unshielded cpm} - \text{Shielded cpm})$  is the net cpm due to activity, mostly beta particles entering the detector from the surface under investigation. Note that the net cpm includes contributions from residual contamination that may be present and from naturally occurring beta emitters in 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,  $E_t$ ,  $\text{dpm}/\text{cpm}$  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  $\text{dpm}$  per detector area to  $\text{dpm}/100\text{-cm}^2$ , where  $A$  is the detector open area in  $\text{cm}^2$ . The open area of the Ludlum 44-116 is  $100 \text{ cm}^2$ , 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<br>AREA: CV Upper Dome Section 1 East<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

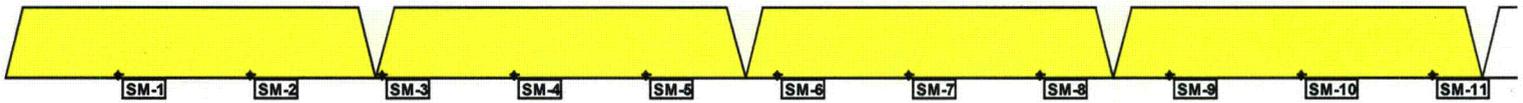
Survey Unit CV-1-2  
 CV Upper Dome - Section 1 West



| CV-1-2<br>AREA: CV Upper Dome Section 1 West<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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<br>AREA: CV Upper Dome Section 2 East<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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

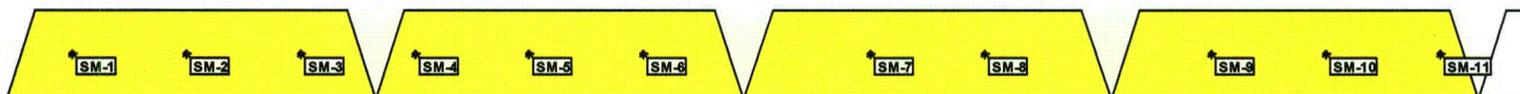
Survey Unit CV-1-4  
 CV Upper Dome - Section 2 West



| CV-1-4<br>AREA: CV Upper Dome Section 2 West<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

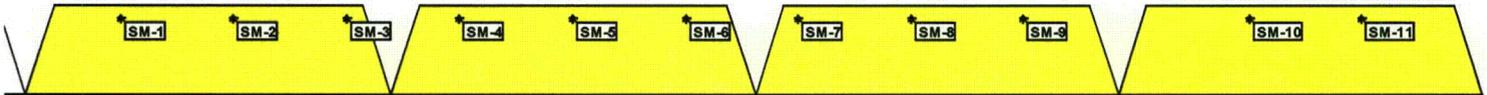
Survey Unit CV-1-5  
 CV Upper Dome - Section 3 East



| CV-1-5<br>AREA: CV Upper Dome Section 3 East<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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<br>AREA: CV Upper Dome Section 3 West<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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<br>AREA: CV Upper Dome Section #4<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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<br>AREA: CV Upper Dome Section #5<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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<br>AREA: CV Upper Dome Section #6<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

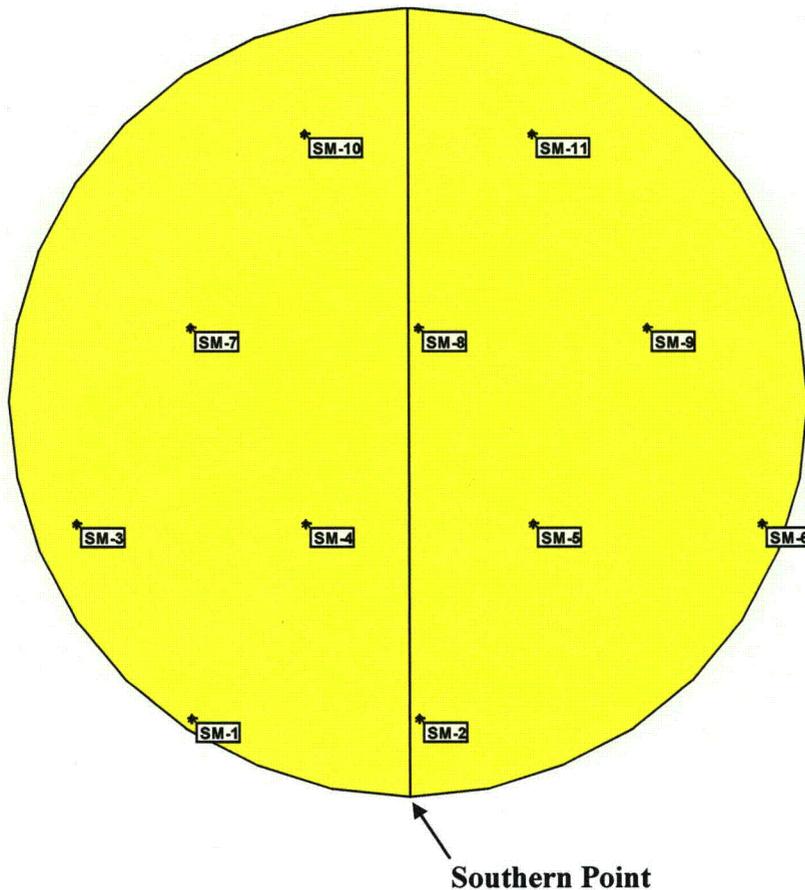
Survey Unit CV-1-10  
 CV Upper Dome - Section 7



| CV-1-10<br>AREA: CV Upper Dome Section #7<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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

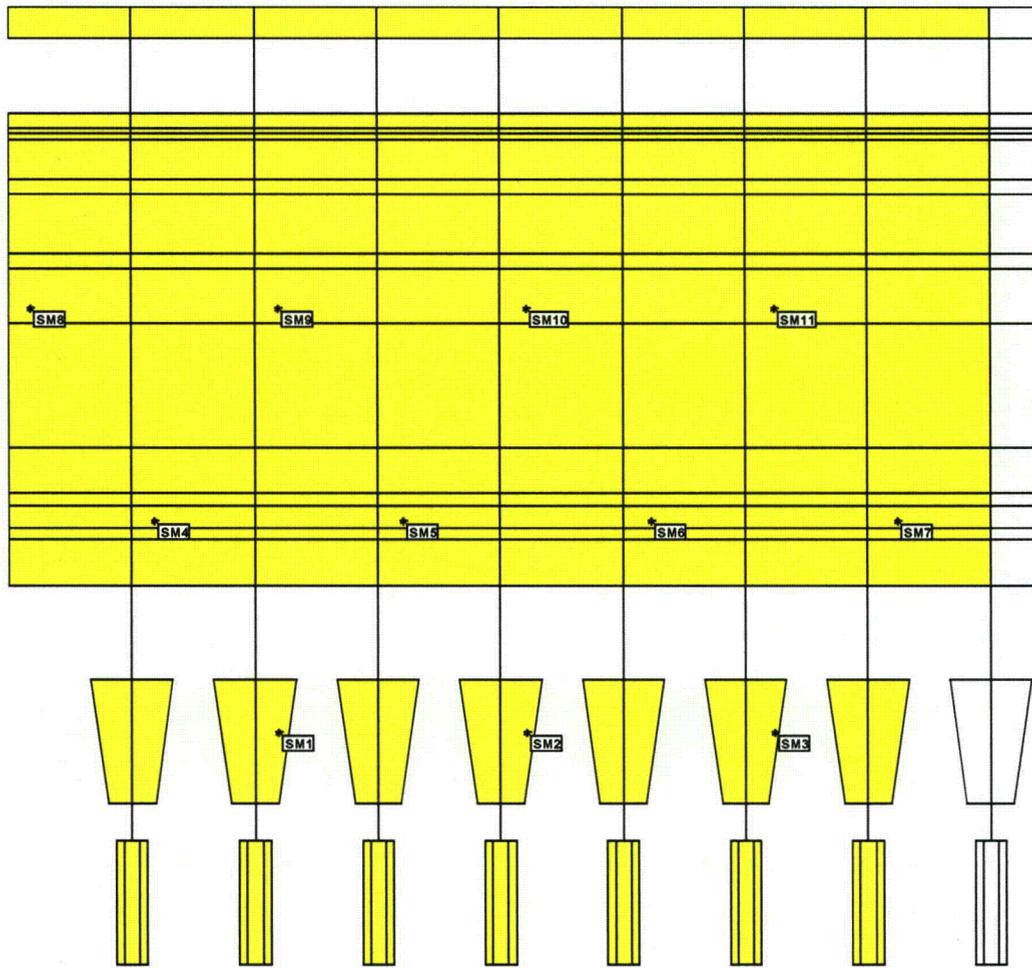
Survey Unit CV-1-11  
 CV Upper Dome - Top of Dome



| CV-1-11<br>AREA: CV Top of Dome<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

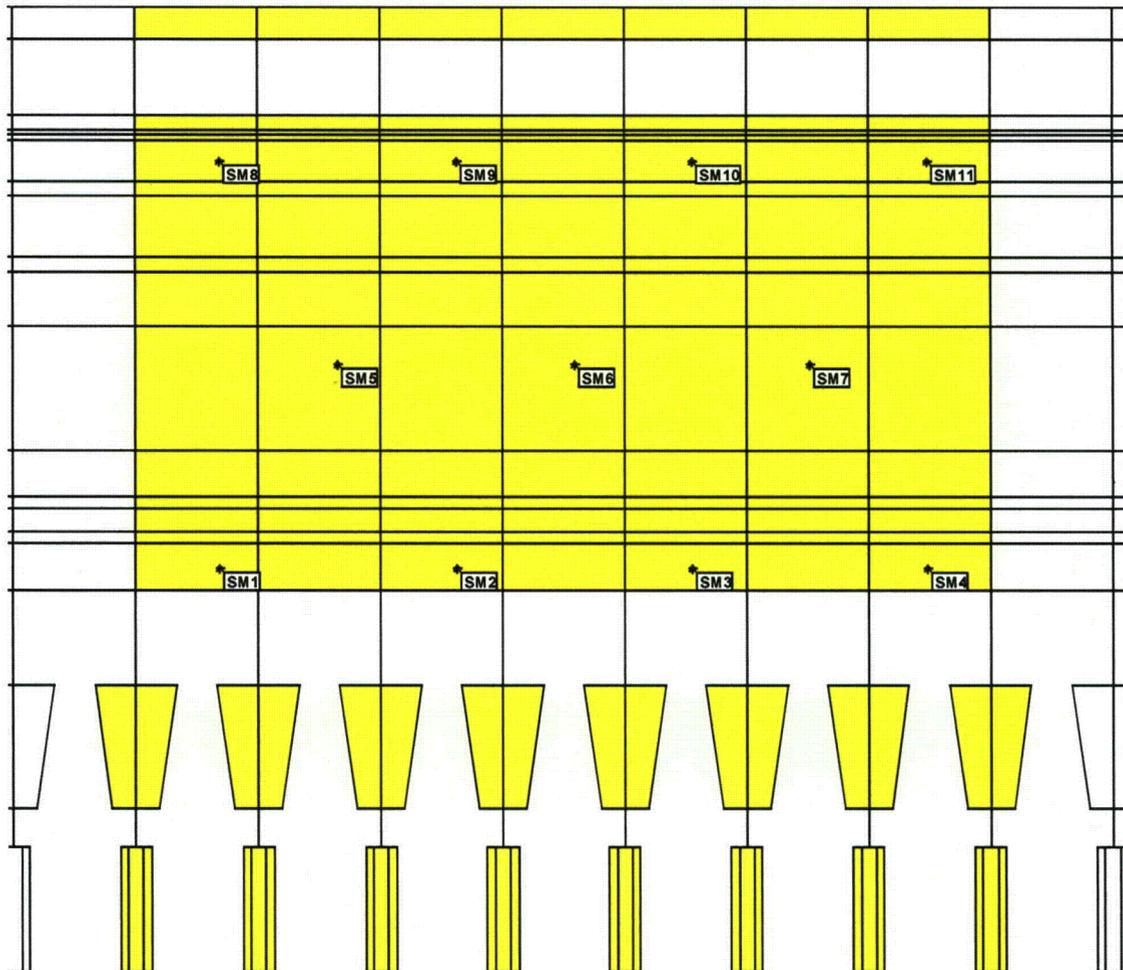
Survey Unit CV-1-12  
 CV Crane Support Steel - Section 1



| CV-1-12<br>AREA: CV Crane Support Steel, Section #1<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

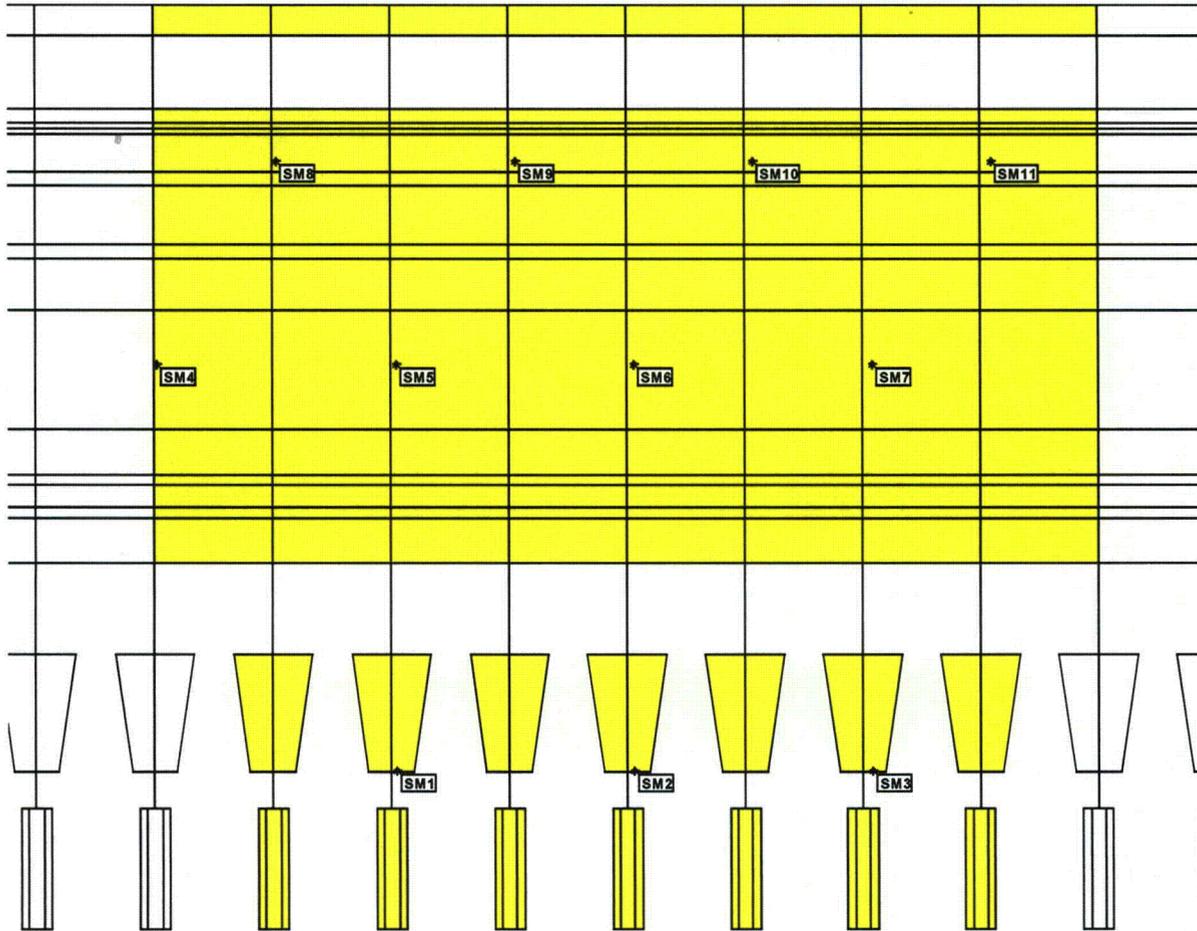
Survey Unit CV-1-13  
 CV Crane Support Steel - Section 2



| CV-1-13<br>AREA: CV Crane Support Steel, Section #2<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

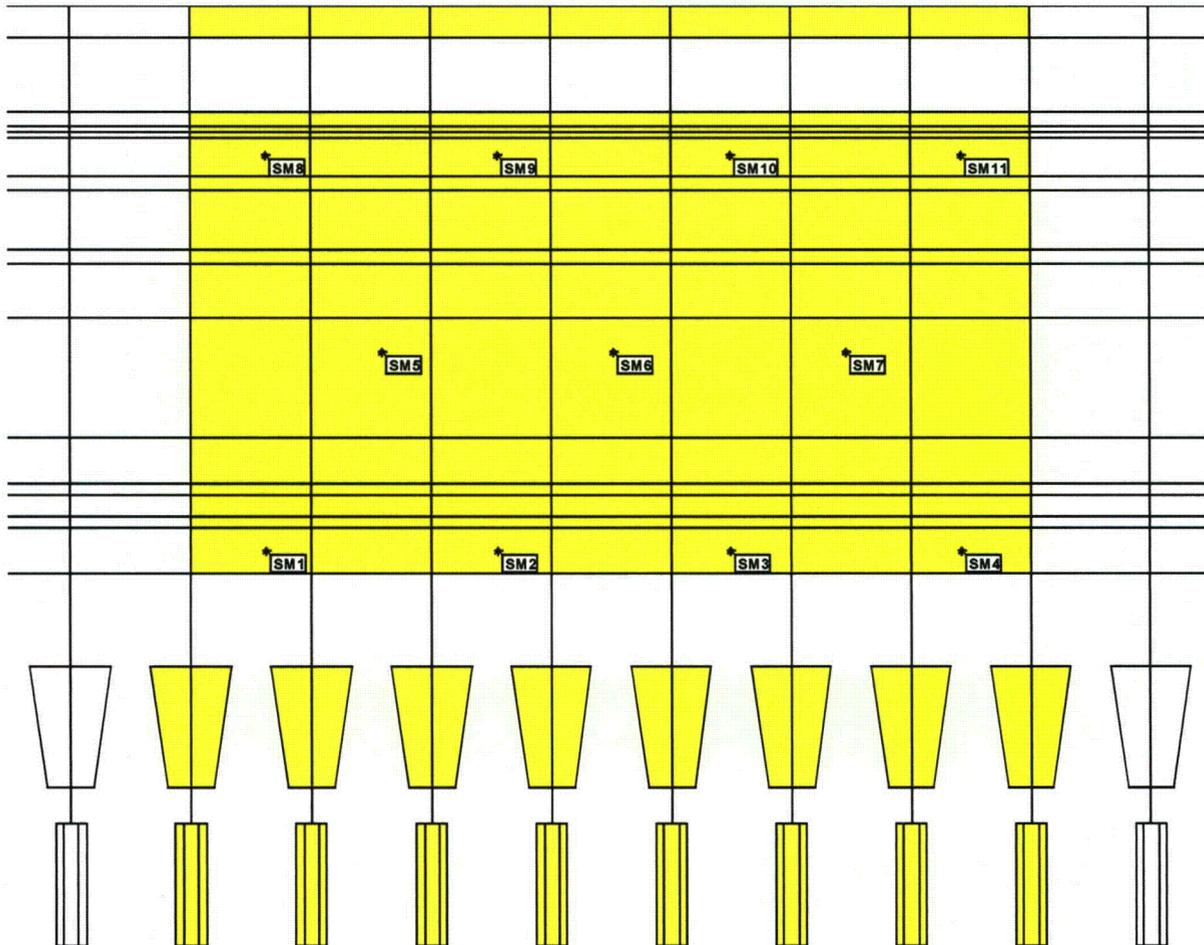
Survey Unit CV-1-14  
 CV Crane Support Steel - Section 3



| CV-1-14<br>AREA: CV Crane Support Steel, Section #3<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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 .

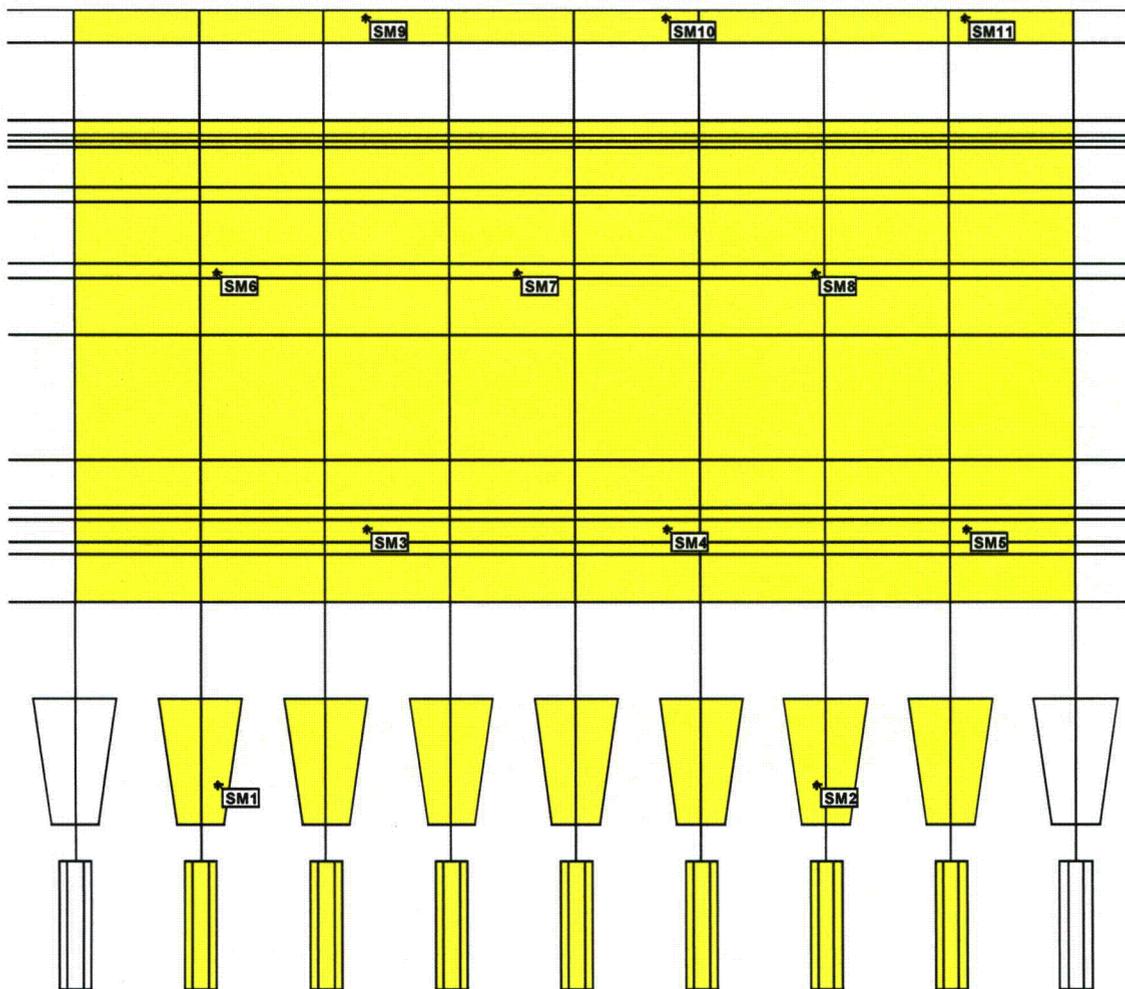
Survey Unit CV-1-15  
 CV Crane Support Steel - Section 4



| CV-1-15<br>AREA: CV Crane Support Steel, Section #4<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

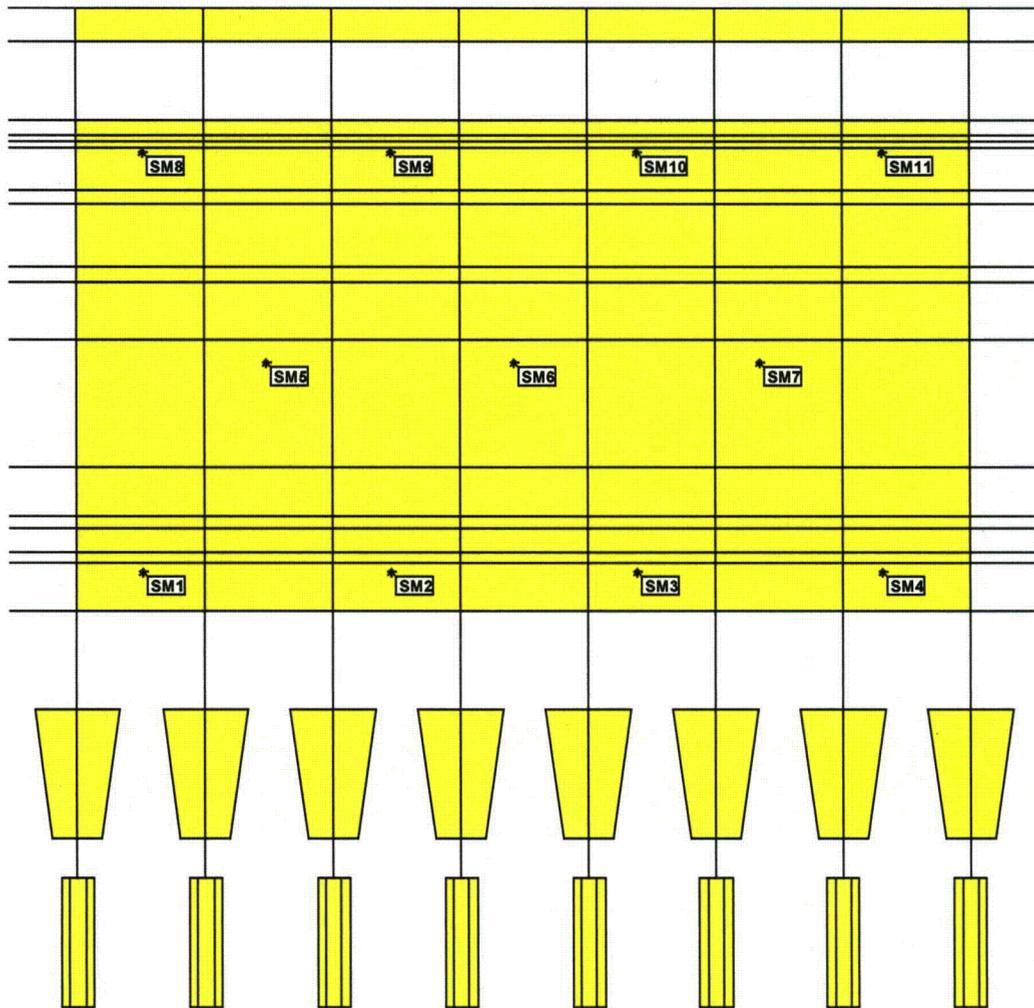
Survey Unit CV-1-16  
 CV Crane Support Steel - Section 5



| CV-1-16<br>AREA: CV Crane Support Steel, Section #5<br>Measurement Locations Results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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

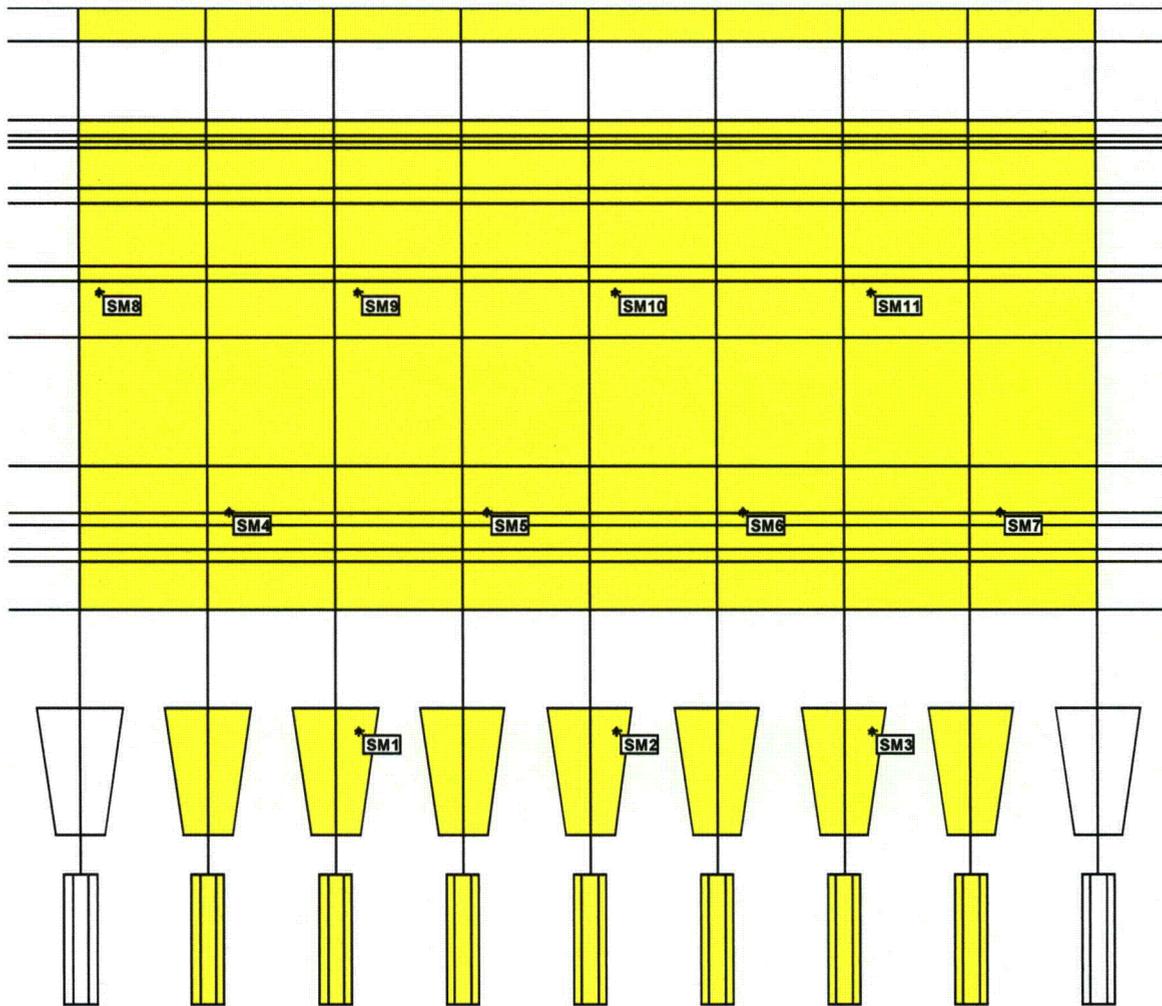
Survey Unit CV-1-17  
CV Crane Support Steel - Section 6



| CV-1-17<br>AREA: CV Crane Support Steel, Section #6<br>Measurement Locations and Results |              |                                      |      |            |       |
|--|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

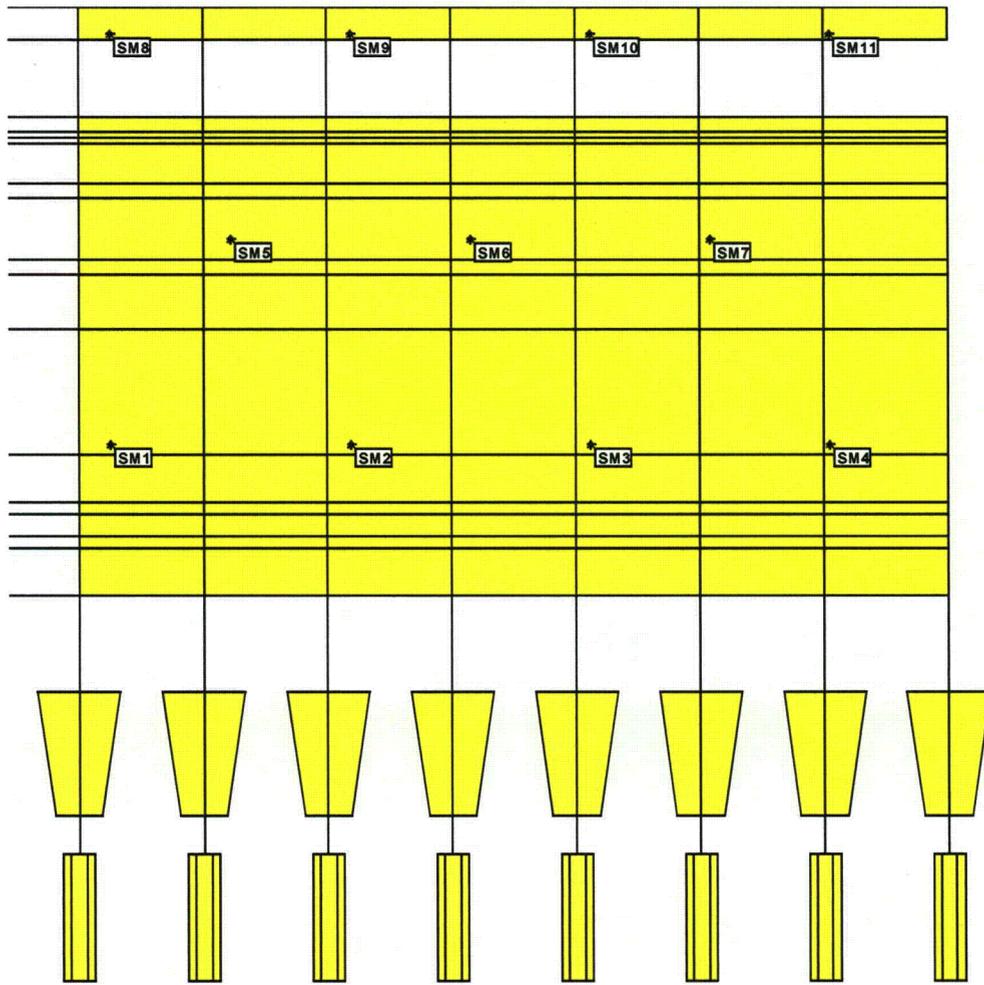
Survey Unit CV-1-18  
 CV Crane Support Steel - Section 7



| CV-1-18<br>AREA: CV Crane Support Steel, Section #7<br>Measurement Locations and Results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

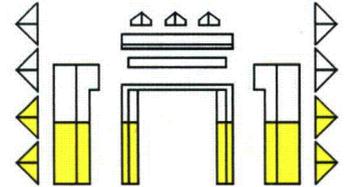
Survey Unit CV-1-19  
 CV Crane Support Steel - Section 8



| CV-1-19<br>AREA: CV Crane Support Steel, Section #8<br>Measurement Locations and Results |              |                                      |            |       |  |
|--|--------------|--------------------------------------|------------|-------|--|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> | 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.

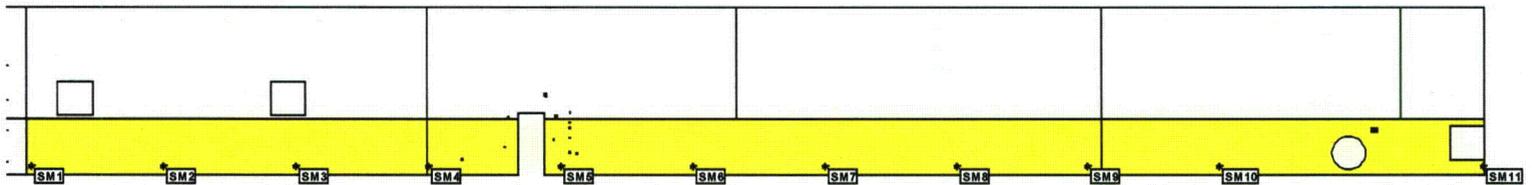
Survey Unit CV-1-20  
 CV Dome Lower Wall - 0m to 2m - Section #1



| CV-1-20<br>AREA: CV Dome Lower Wall (0m to 2m), Section #1<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

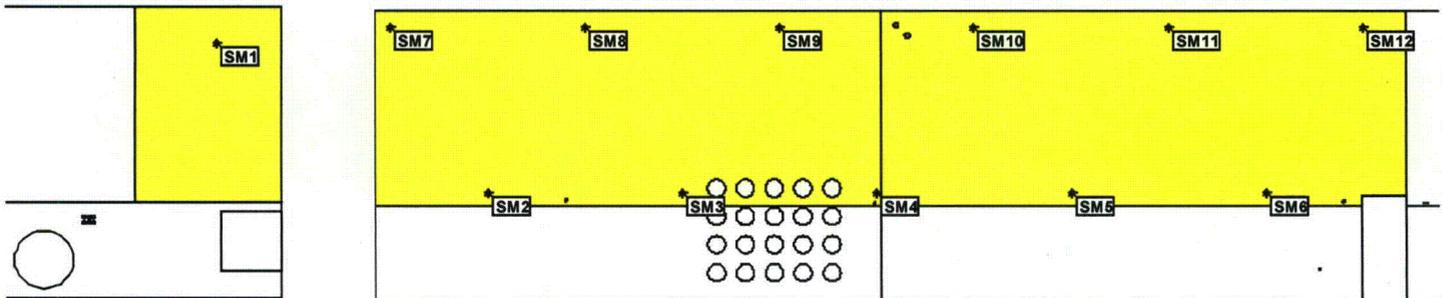
Survey Unit CV-1-21  
 CV Dome Lower Wall - 0m to 2m - Section #2



| CV-1-21<br>AREA: CV Dome Lower Wall (0m to 2m), Section #2<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

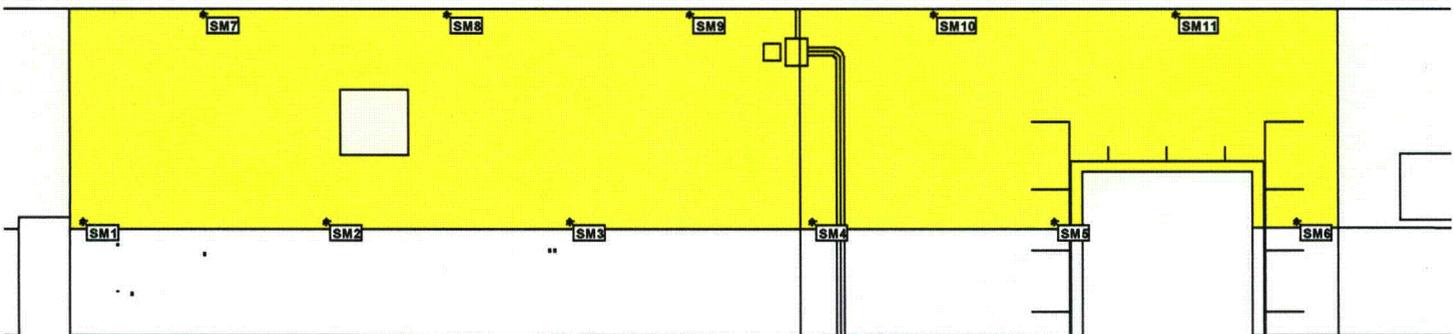
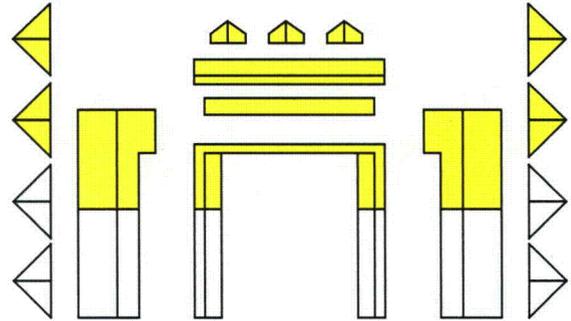
Survey Unit CV-1-22  
 CV Dome Lower Wall - 2m to 6m - Section #1



| CV-1-22<br>AREA: CV Dome Lower Wall (2m to 6m), Section #1<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

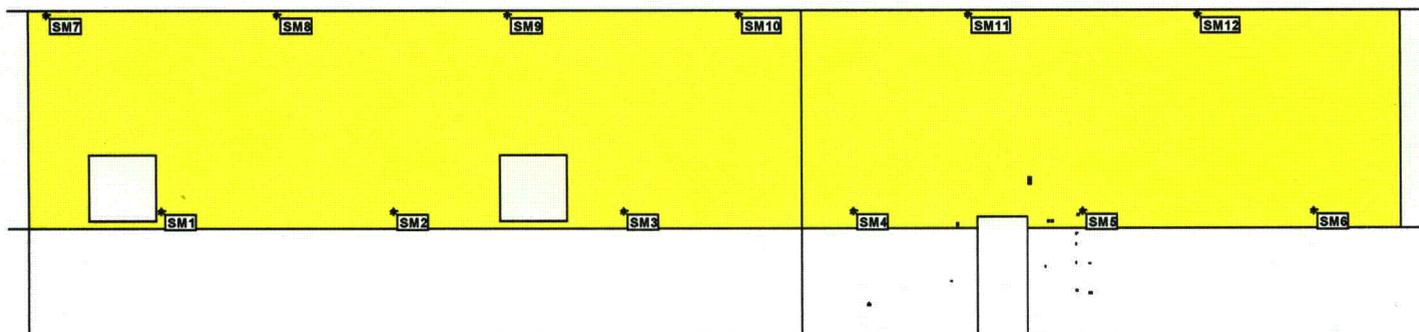
Survey Unit CV-1-23  
 CV Dome Lower Wall - 2m to 6m - Section #2



| CV-1-23<br>AREA: CV Dome Lower Wall (2m to 6m), Section #2<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

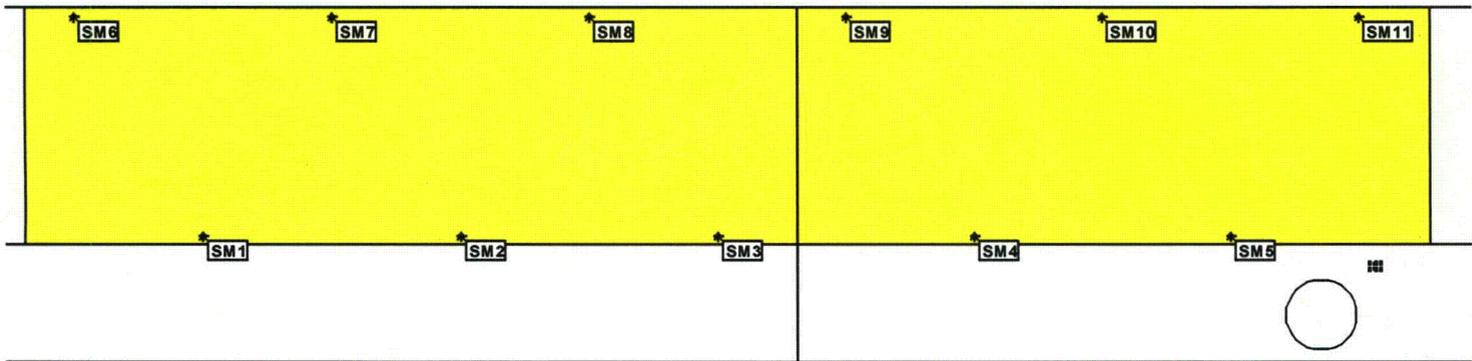
Survey Unit CV-1-24  
CV Dome Lower Wall - 2m to 6m - Section #3



| CV-1-24<br>AREA: CV Dome Lower Wall (2m to 6m), Section #3<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

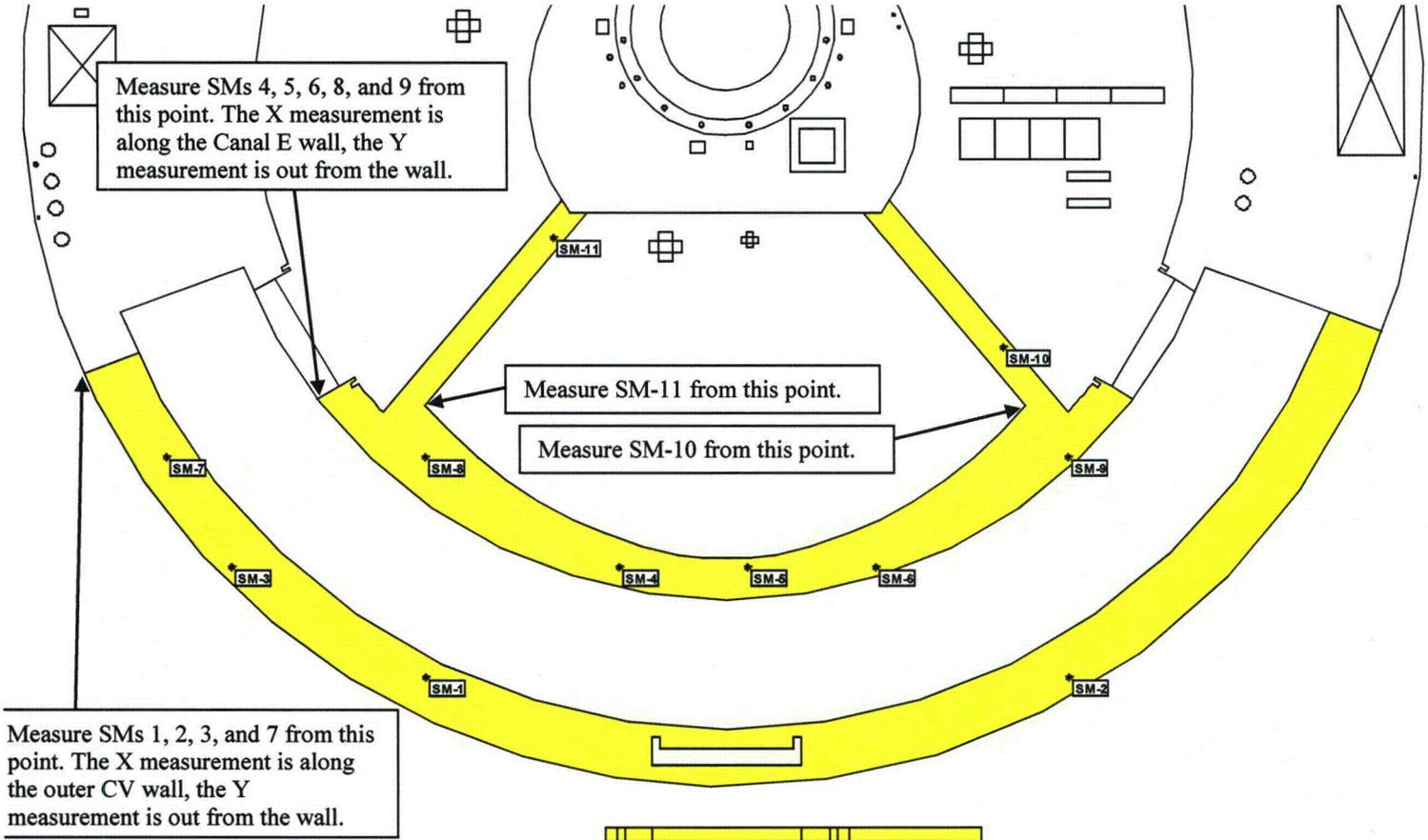
Survey Unit CV-1-25  
 CV Dome Lower Wall - 2m to 6m - Section #4



| CV-1-25<br>AREA: CV Dome Lower Wall (2m to 6m), Section #4<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

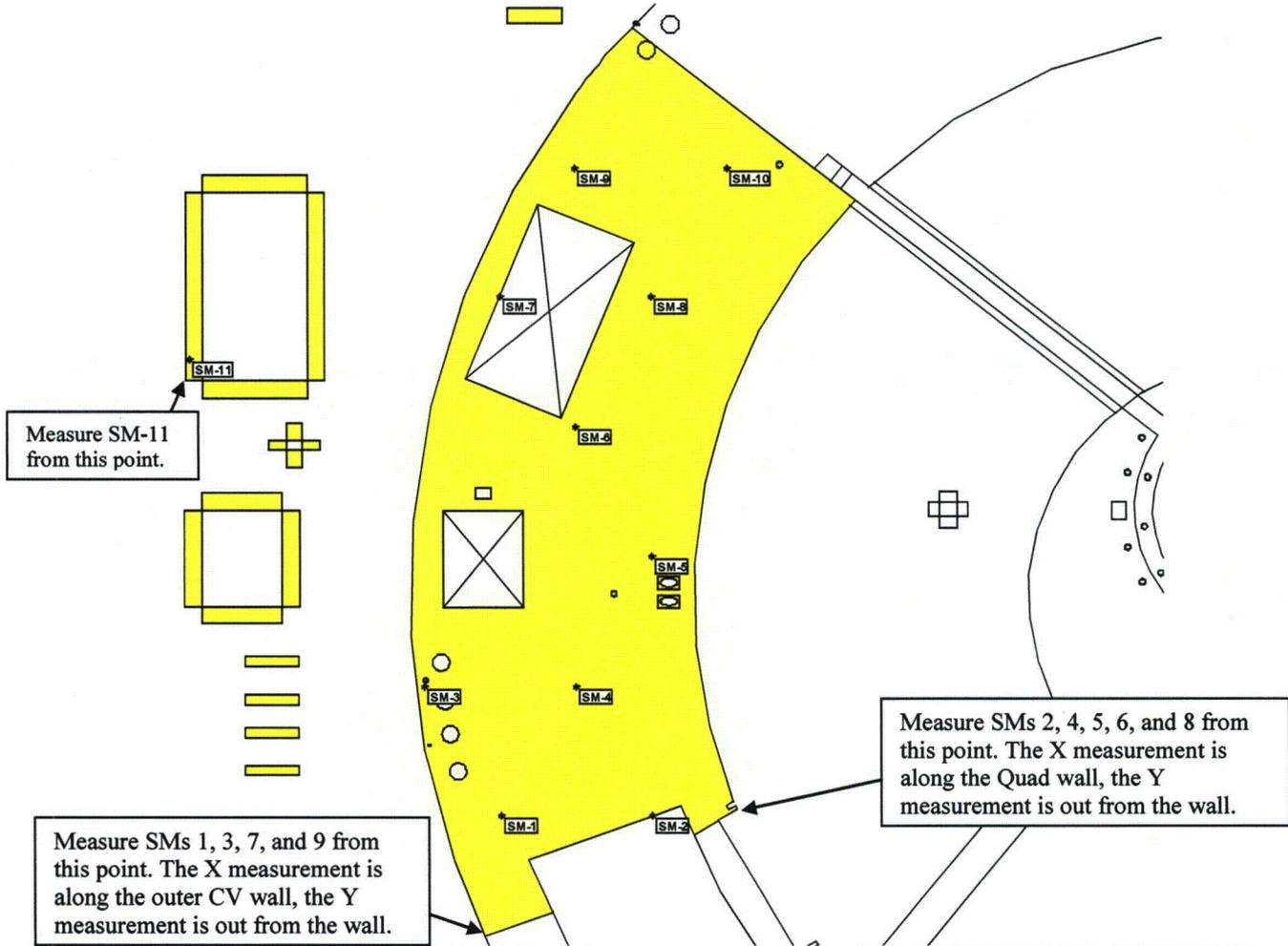
Survey Unit CV-1-26  
 CV 0' - Floor Section #1



| CV-1-26*                          |              |                                   |      |            |       |
|-----------------------------------|--------------|-----------------------------------|------|------------|-------|
| AREA: CV Floor Section #1         |              |                                   |      |            |       |
| Measurement Locations and results |              |                                   |      |            |       |
| X Co-ord (m)                      | Y Co-ord (m) | Location / dpm/100cm <sup>2</sup> |      | 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.

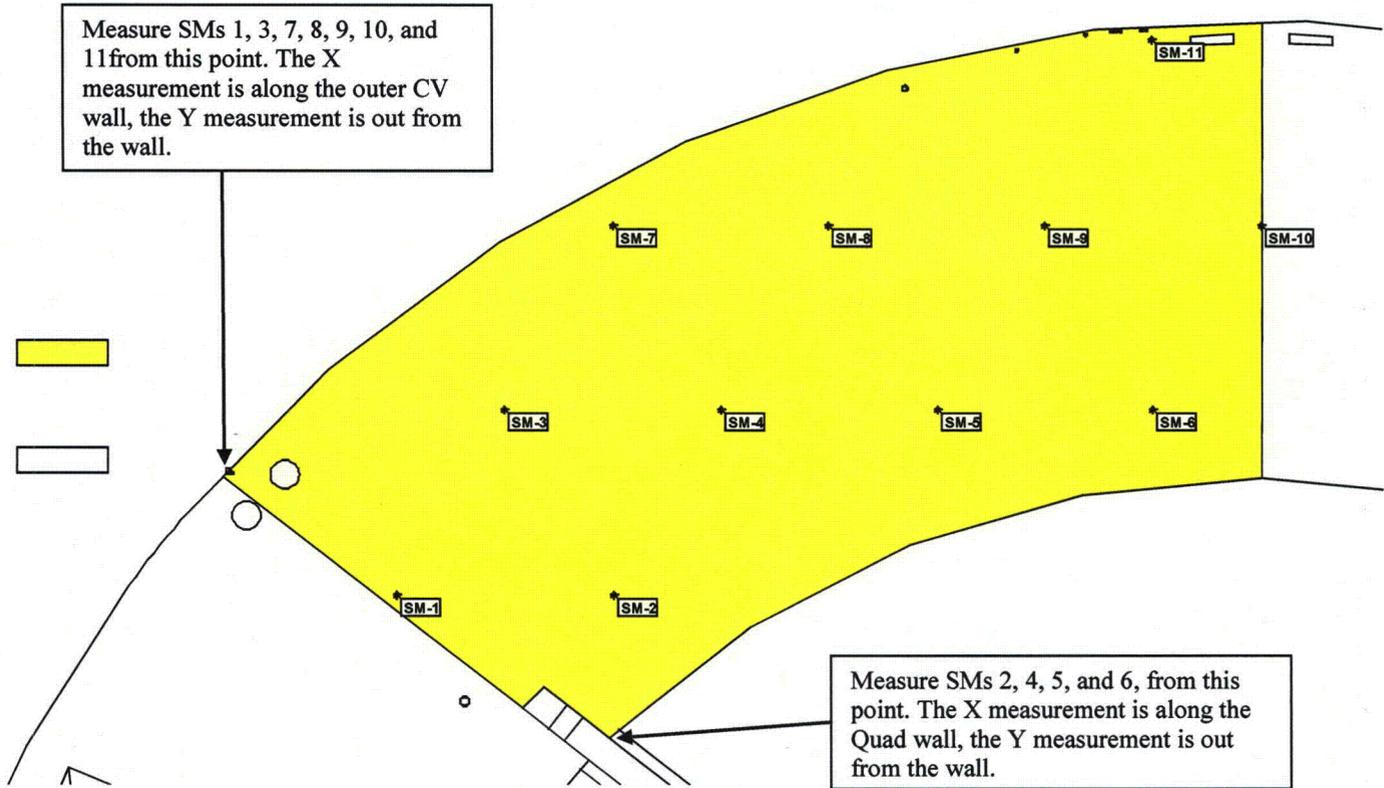
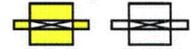
Survey Unit CV-1-27  
CV 0' - Floor Section #2



| CV-1-27*                          |              |                                   |     |            |       |
|-----------------------------------|--------------|-----------------------------------|-----|------------|-------|
| AREA: CV Floor Section #2         |              |                                   |     |            |       |
| Measurement Locations and results |              |                                   |     |            |       |
| X Co-ord (m)                      | Y Co-ord (m) | Location / dpm/100cm <sup>2</sup> |     | 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.

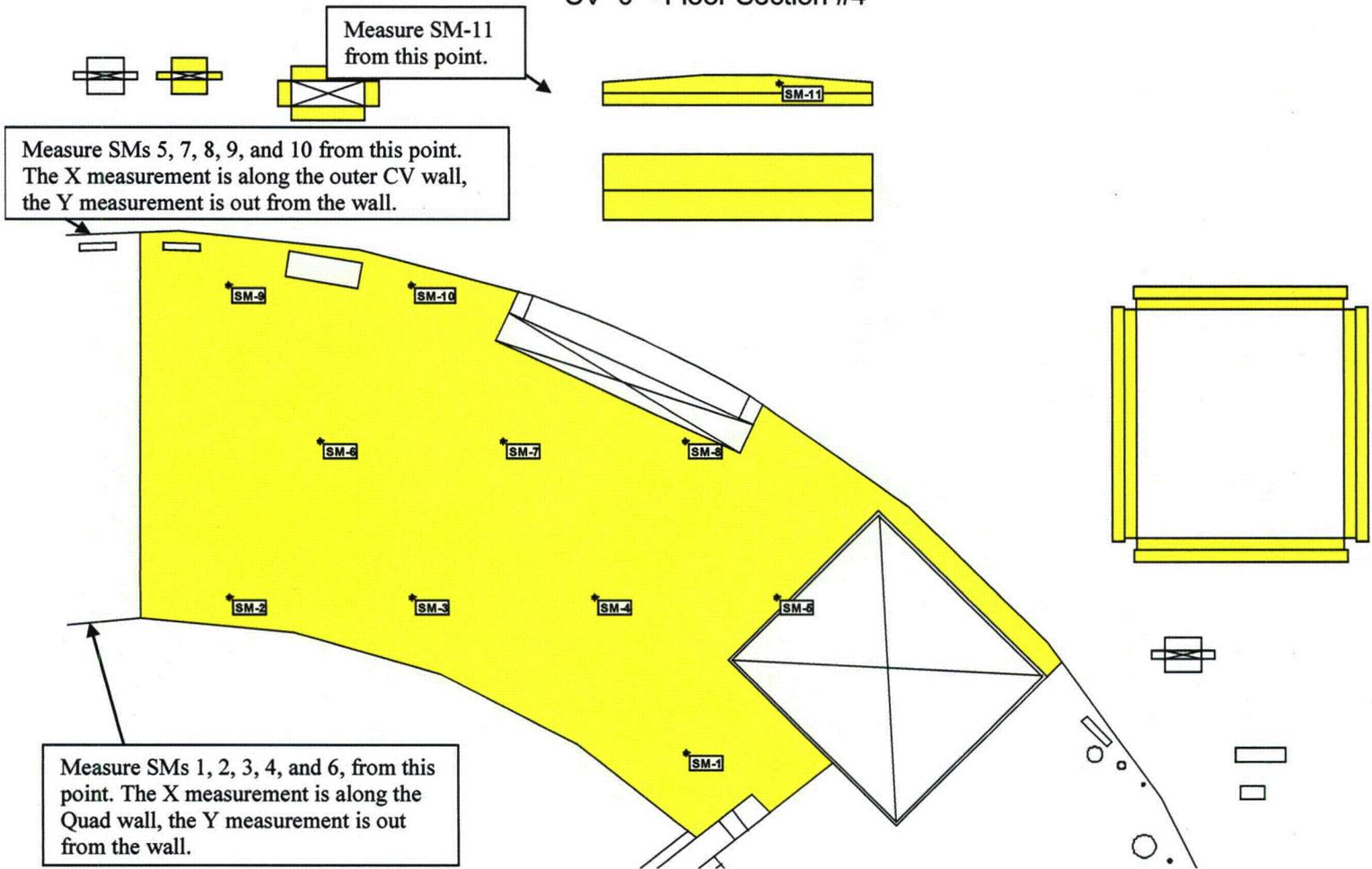
Survey Unit CV-1-28  
CV 0' - Floor Section #3



| CV-1-28*                          |              |                                   |      |            |       |
|-----------------------------------|--------------|-----------------------------------|------|------------|-------|
| AREA: CV Floor Section #3         |              |                                   |      |            |       |
| Measurement Locations and results |              |                                   |      |            |       |
| X Co-ord (m)                      | Y Co-ord (m) | Location / dpm/100cm <sup>2</sup> |      | 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

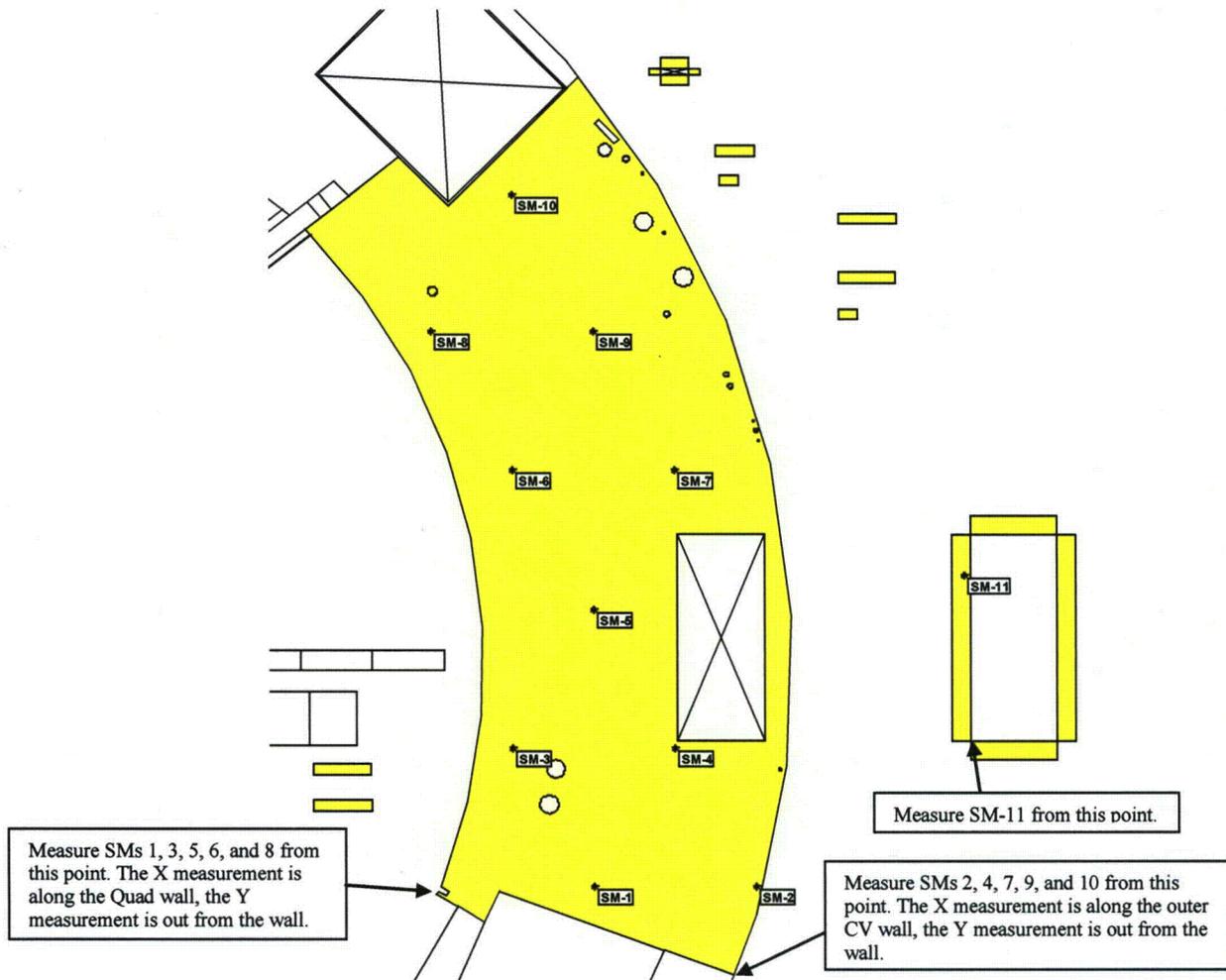
Survey Unit CV-1-29  
 CV 0' - Floor Section #4



| CV-1-29*                          |              |                                   |            |       |  |
|-----------------------------------|--------------|-----------------------------------|------------|-------|--|
| AREA: CV Floor Section #4         |              |                                   |            |       |  |
| Measurement Locations and results |              |                                   |            |       |  |
| X Co-ord (m)                      | Y Co-ord (m) | Location / dpm/100cm <sup>2</sup> | 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

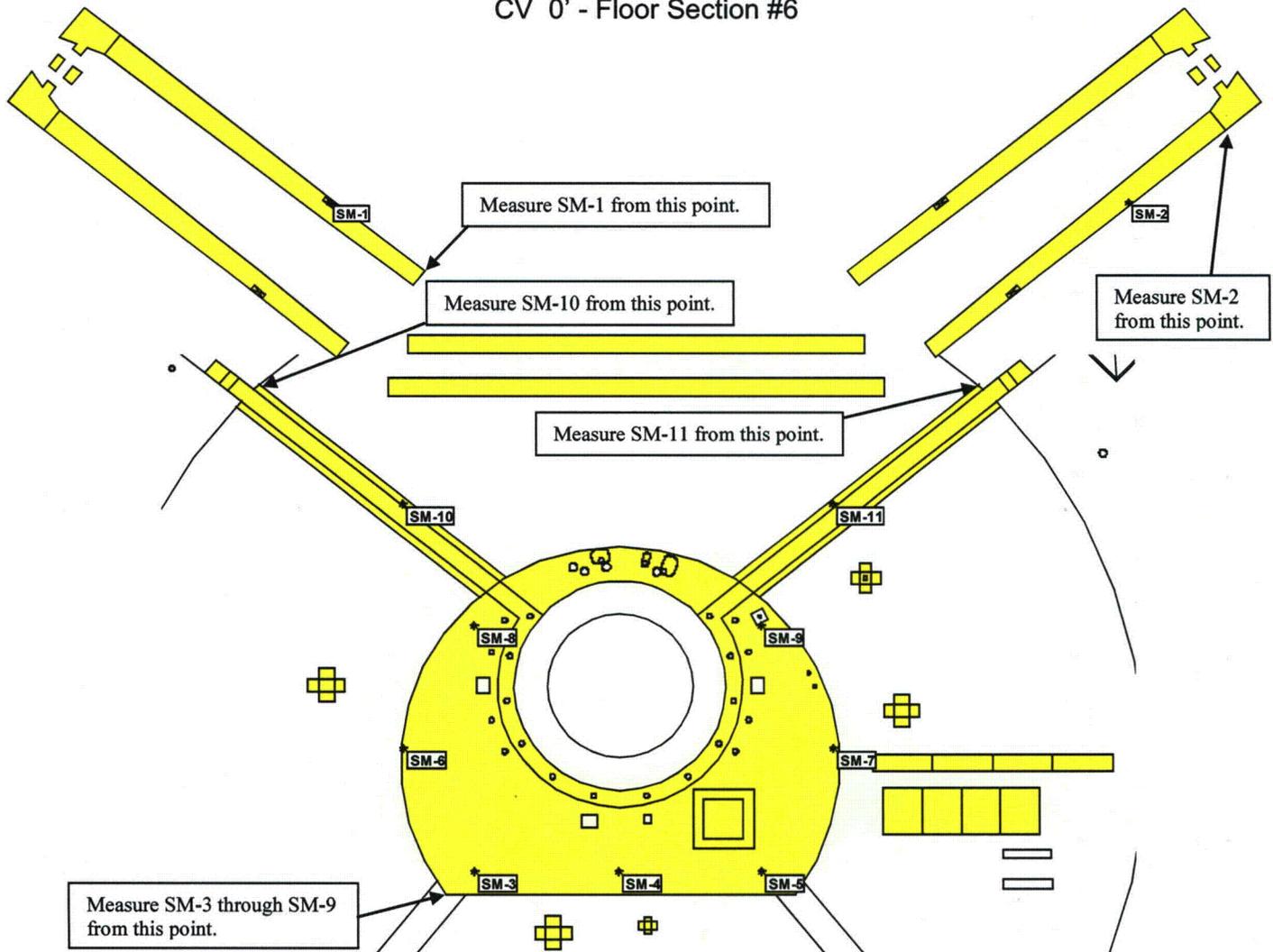
Survey Unit CV-1-30  
 CV 0' - Floor Section #5



| CV-1-30*                          |              |                                   |     |            |       |
|-----------------------------------|--------------|-----------------------------------|-----|------------|-------|
| AREA: CV Floor Section #5         |              |                                   |     |            |       |
| Measurement Locations and results |              |                                   |     |            |       |
| X Co-ord (m)                      | Y Co-ord (m) | Location / dpm/100cm <sup>2</sup> |     | 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.

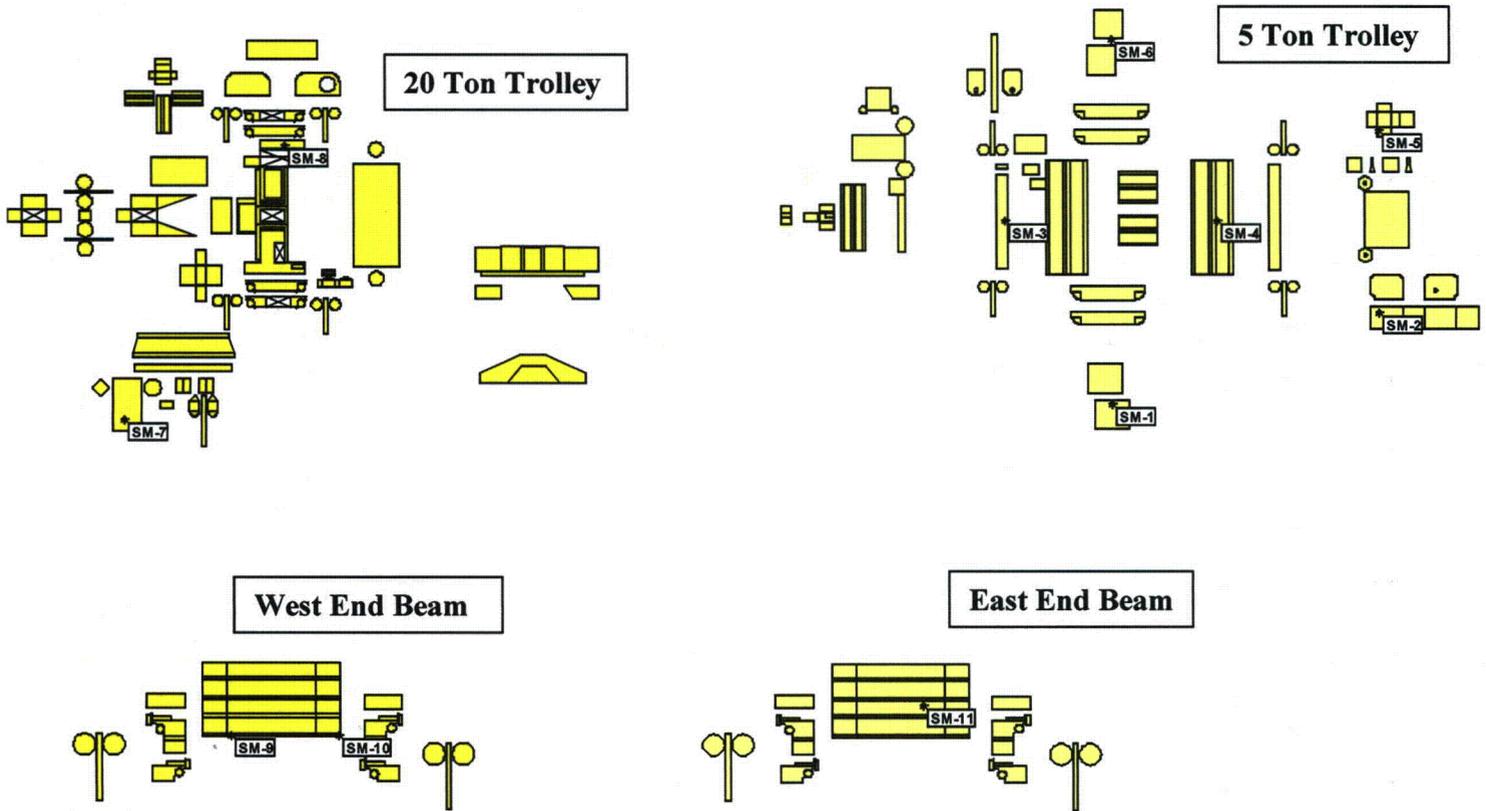
Survey Unit CV-1-31  
CV 0' - Floor Section #6



| CV-1-31*                          |              |            |                        |            |       |
|-----------------------------------|--------------|------------|------------------------|------------|-------|
| AREA: CV Floor Section #6         |              |            |                        |            |       |
| Measurement Locations and results |              |            |                        |            |       |
| X Co-ord (m)                      | Y Co-ord (m) | Location / | dpm/100cm <sup>2</sup> | 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

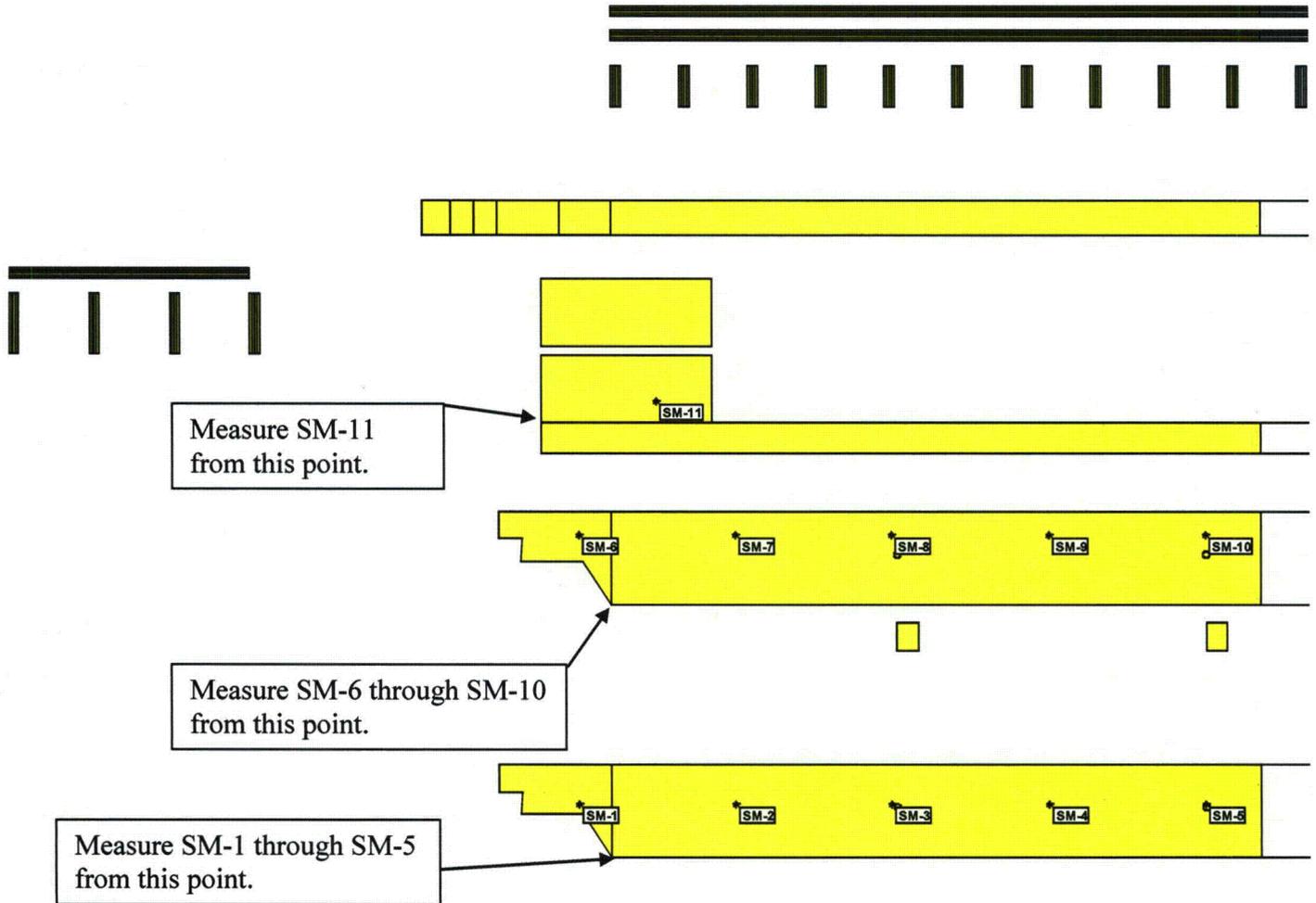
Survey Unit CV-1-32  
CV Polar Crane – 5 & 20 Ton Hoist Trolleys and End Beams



| 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 <sup>2</sup> |     | 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.

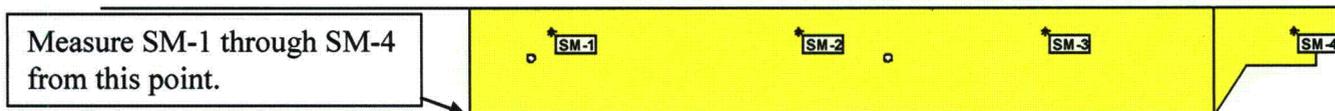
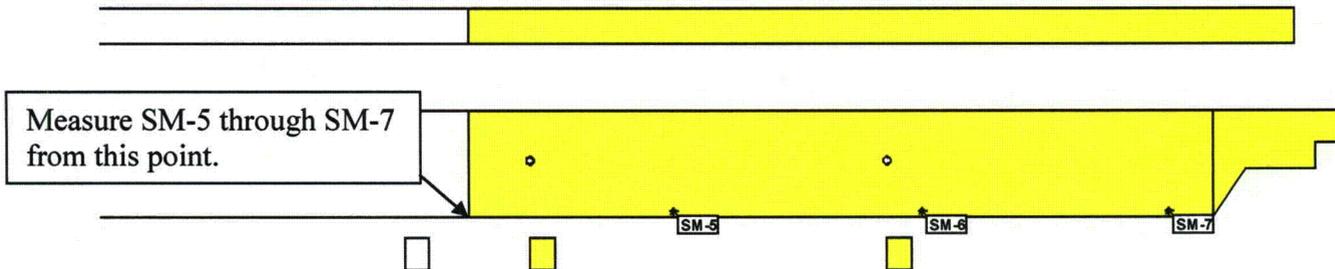
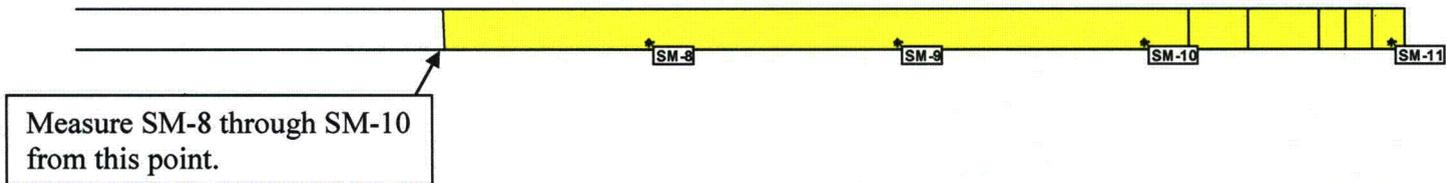
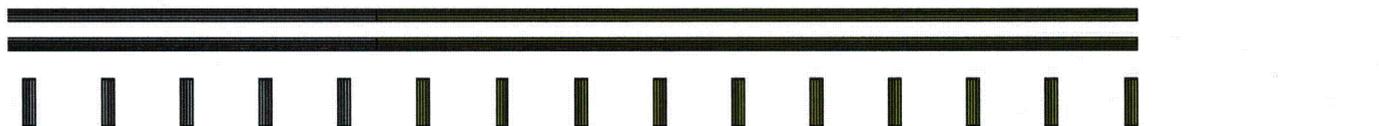
Survey Unit CV-1-33  
 CV Polar Crane West Half of North Rail



| 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 <sup>2</sup> |     | 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.

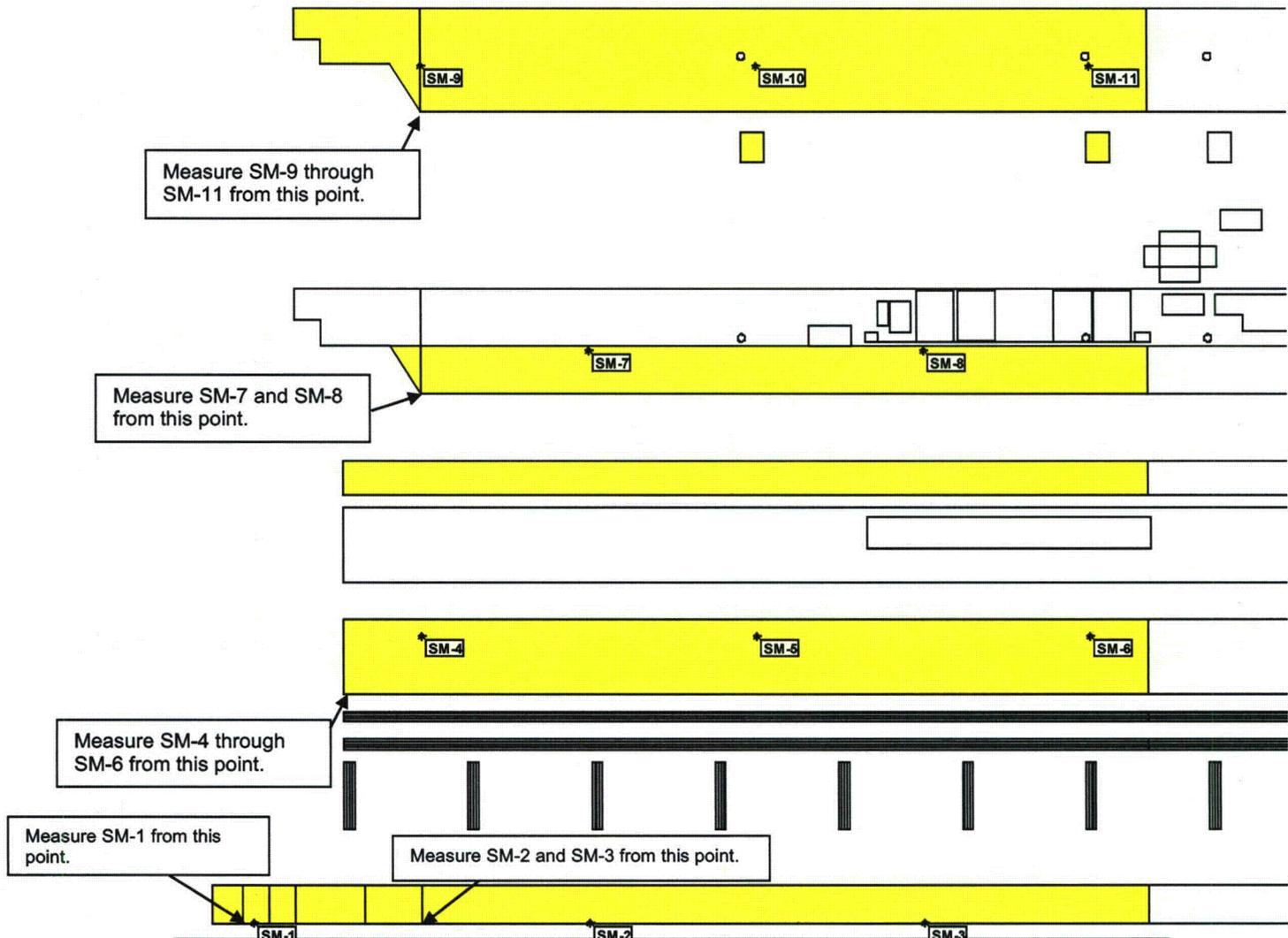
Survey Unit CV-1-34  
CV Polar Crane East Half of North Rail



| 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 <sup>2</sup> |     | 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.

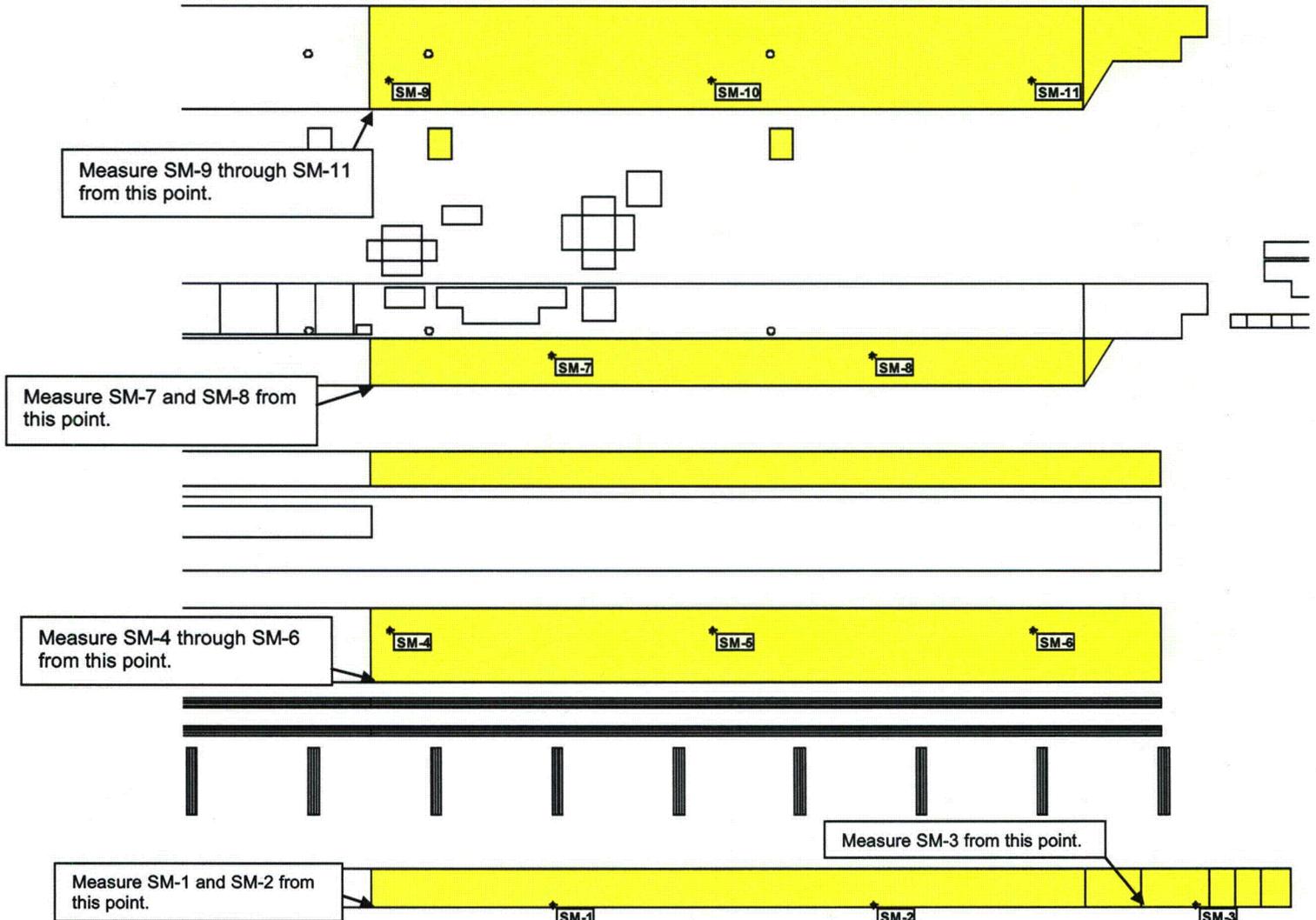
Survey Unit CV-1-35  
 CV Polar Crane West Half of South Rail



| 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 <sup>2</sup> |     | 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 <sup>2</sup> |     | 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.

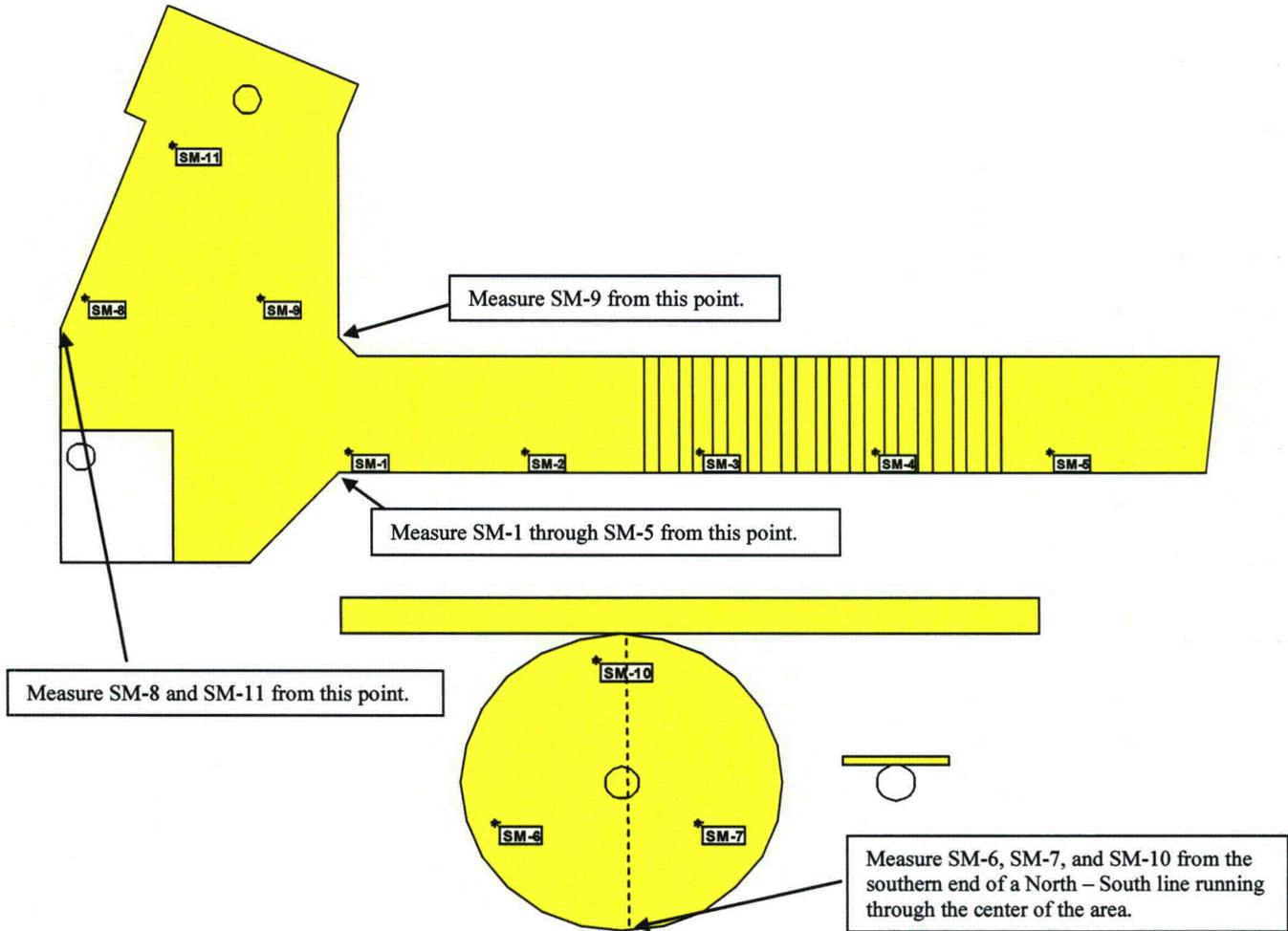
Survey Unit CV-1-37  
 CV Polar Crane - South Rail Walkway



| 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 <sup>2</sup> |     | 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

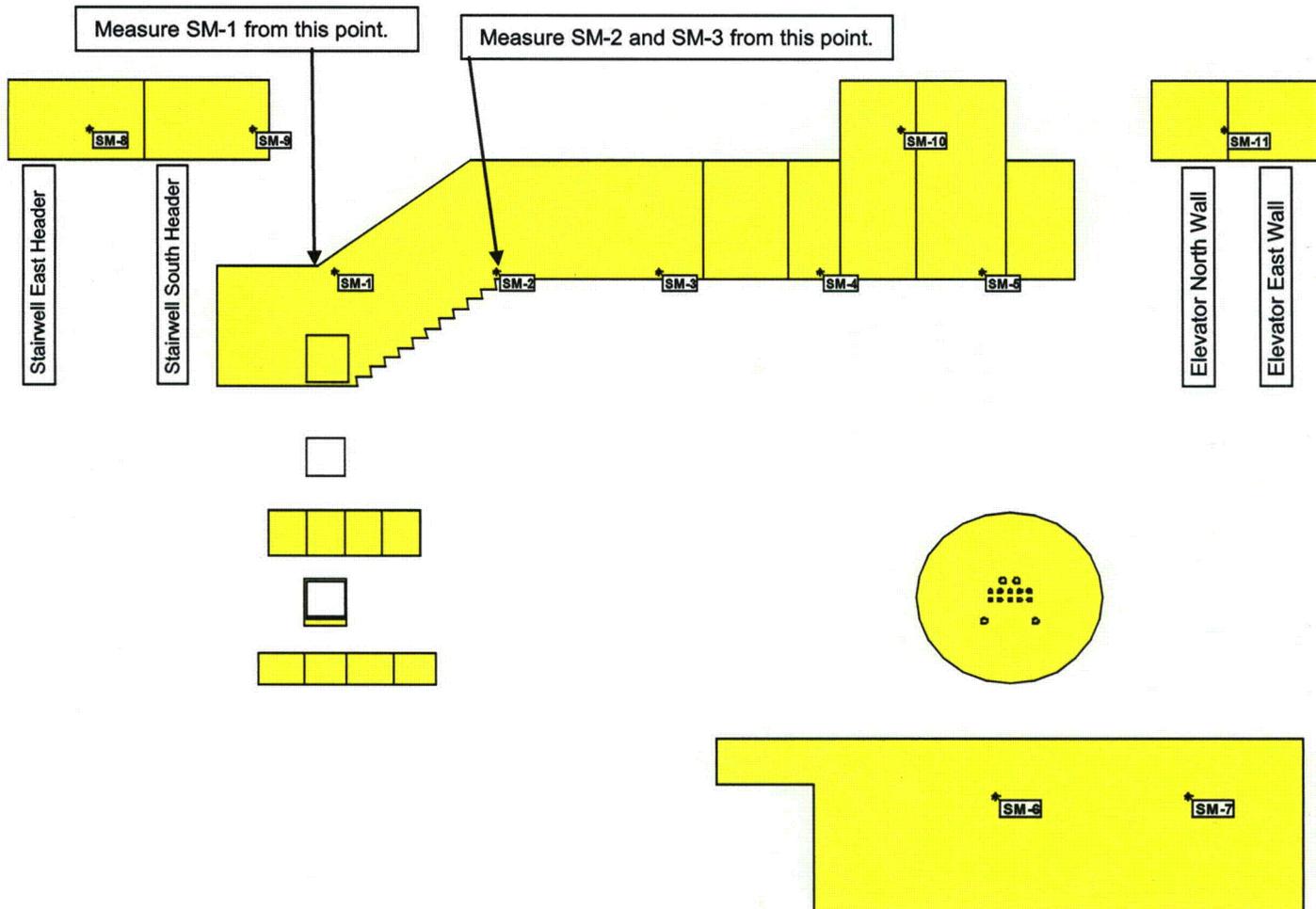


| CV-3-1<br>AREA: CV Sub-Pile Room Floor and Liner Floor<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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

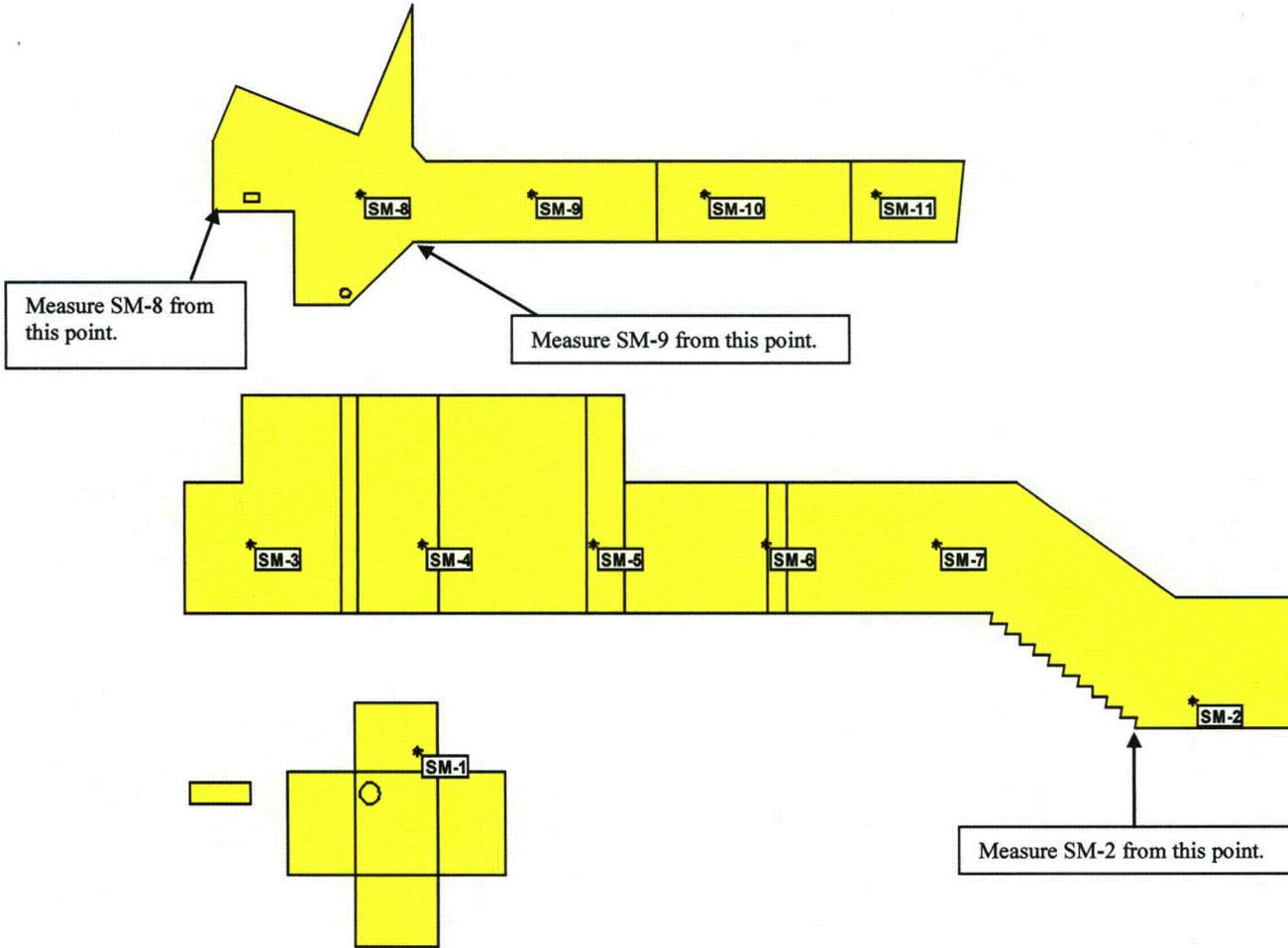
CV Sub-Pile Room South Wall, Elevator walls, liner top/side, shielding plug vault



| 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 <sup>2</sup> |       | 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.

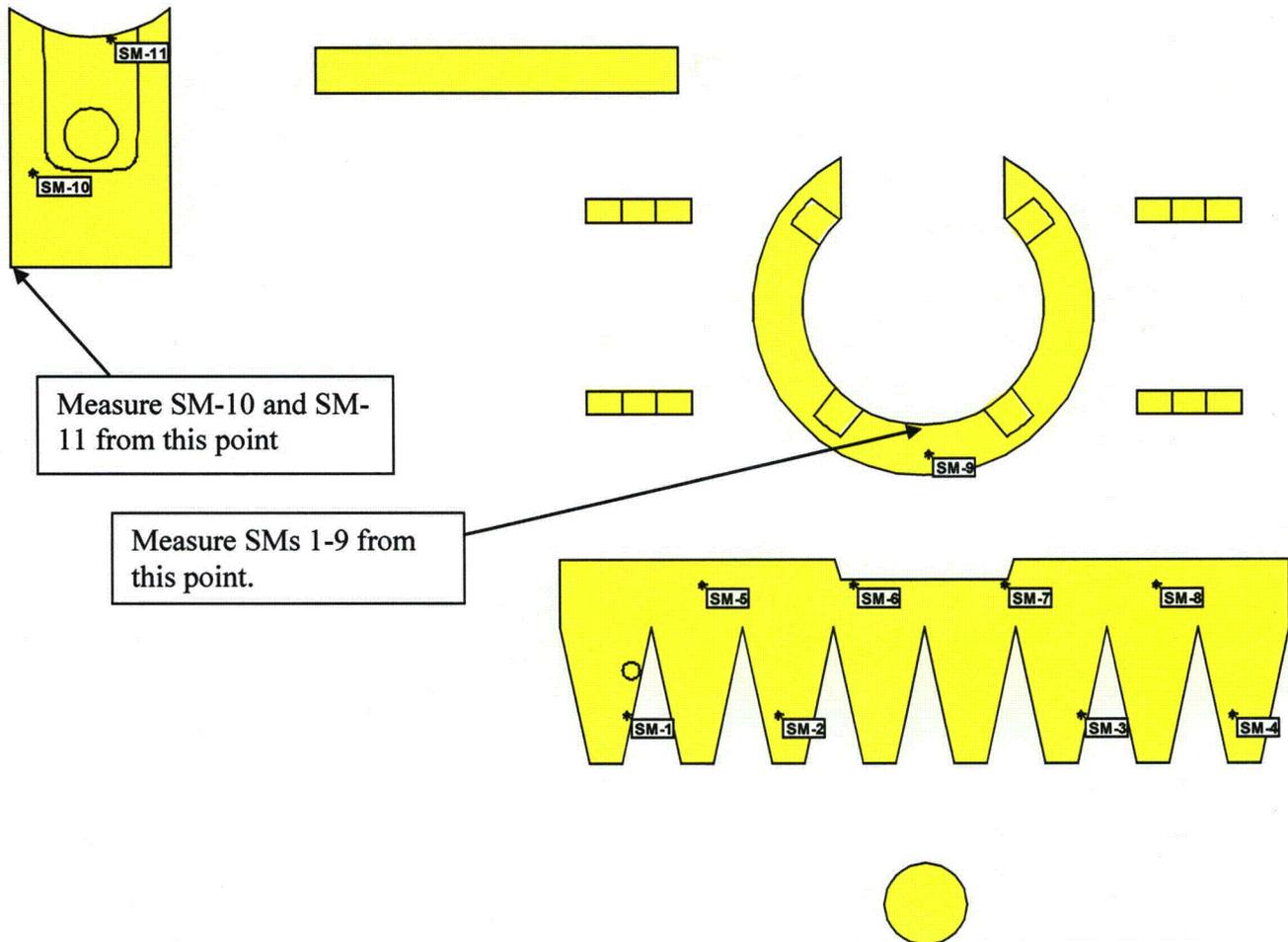
Survey Unit CV-3-3  
 CV Sub-Pile Room Ceiling. North Wall, Pipe Chase, Elevator Pit



| CV-3-3<br>AREA: Ceiling. North Wall, Pipe Chase, Elevator Pit<br>Measurement Locations and results |              |                                      |      |            |       |
|--|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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

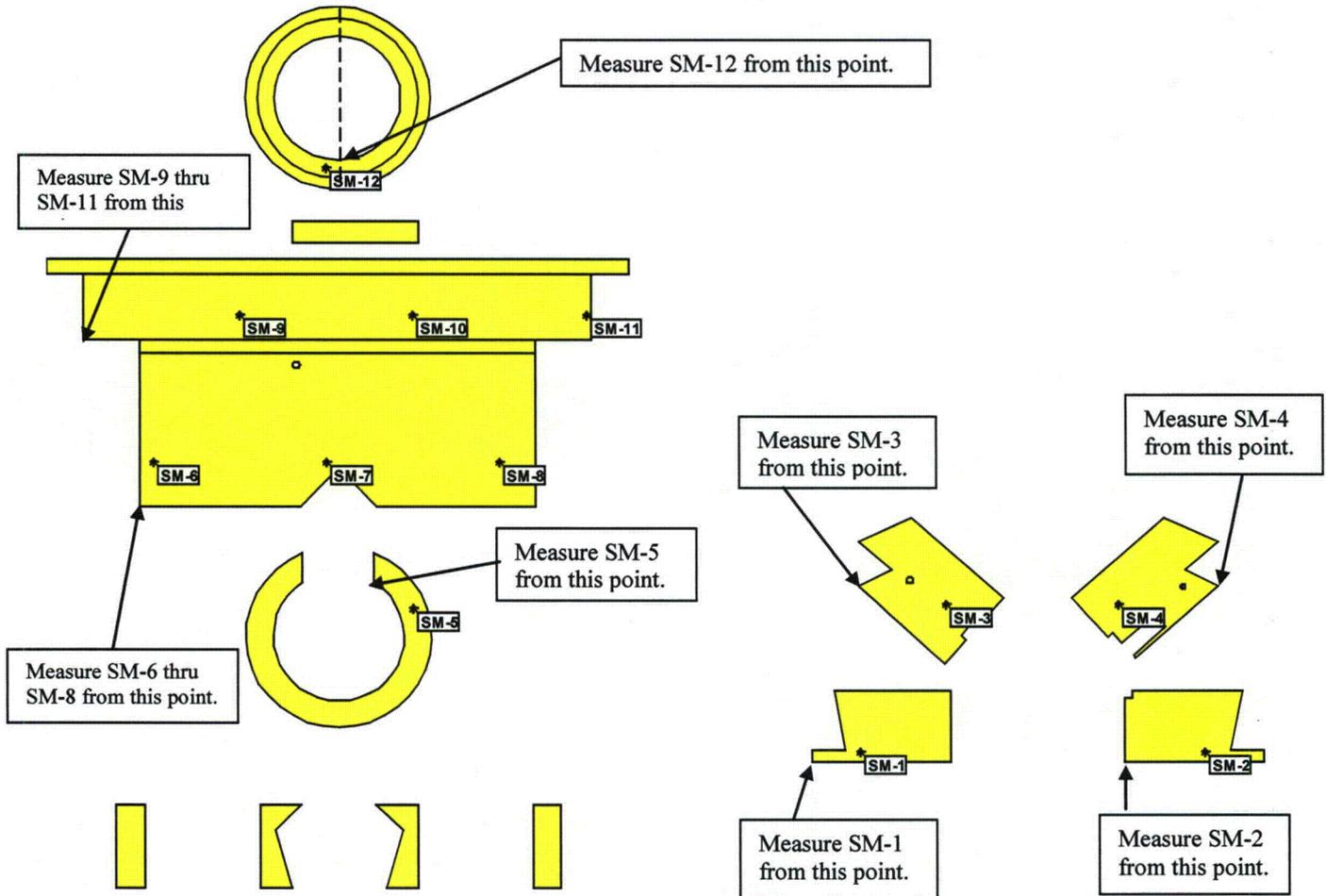
Survey Unit CV-3-4  
CV Bioshield - Lower



| CV-3-4<br>AREA: CV Bioshield Lower<br>Measurement Locations and results |              |            |                        |            |       |
|---|--------------|------------|------------------------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location / | dpm/100cm <sup>2</sup> | 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.

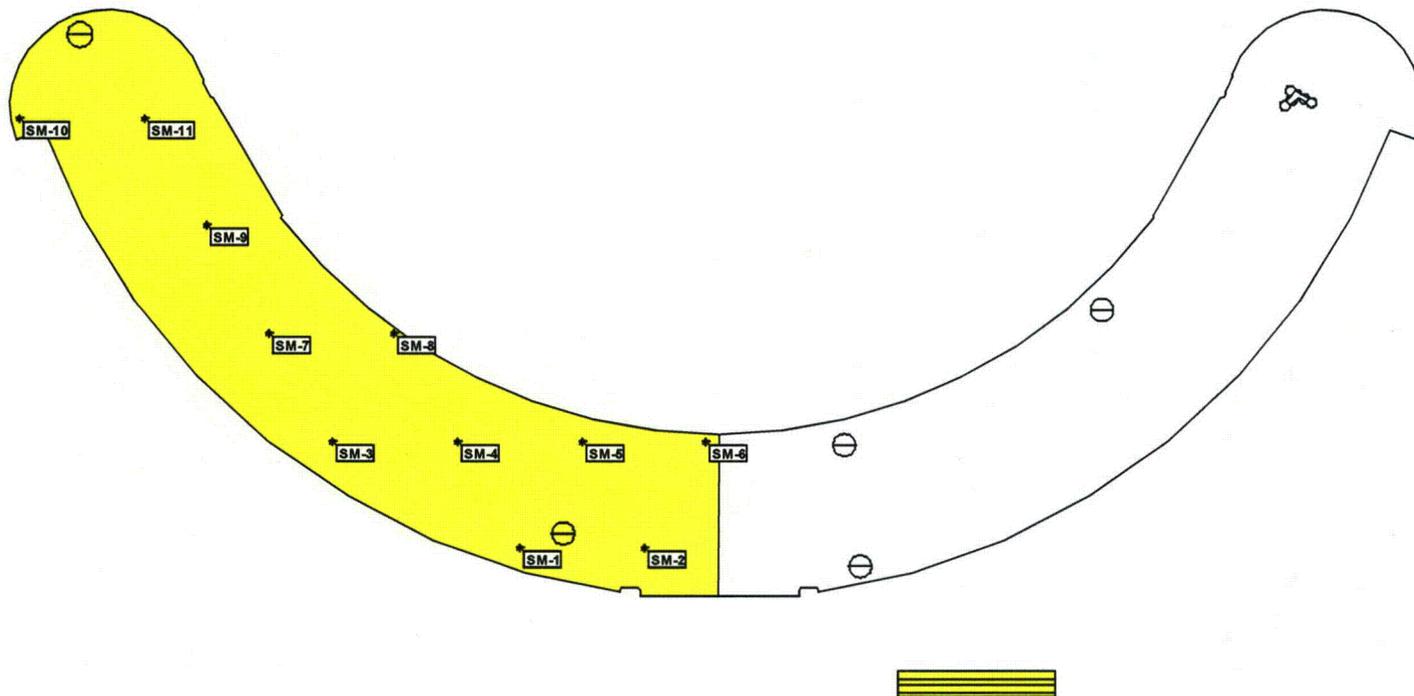
Survey Unit CV-3-5  
 CV Bioshield - Upper



| CV-3-5<br>AREA: CV Bioshield Upper<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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

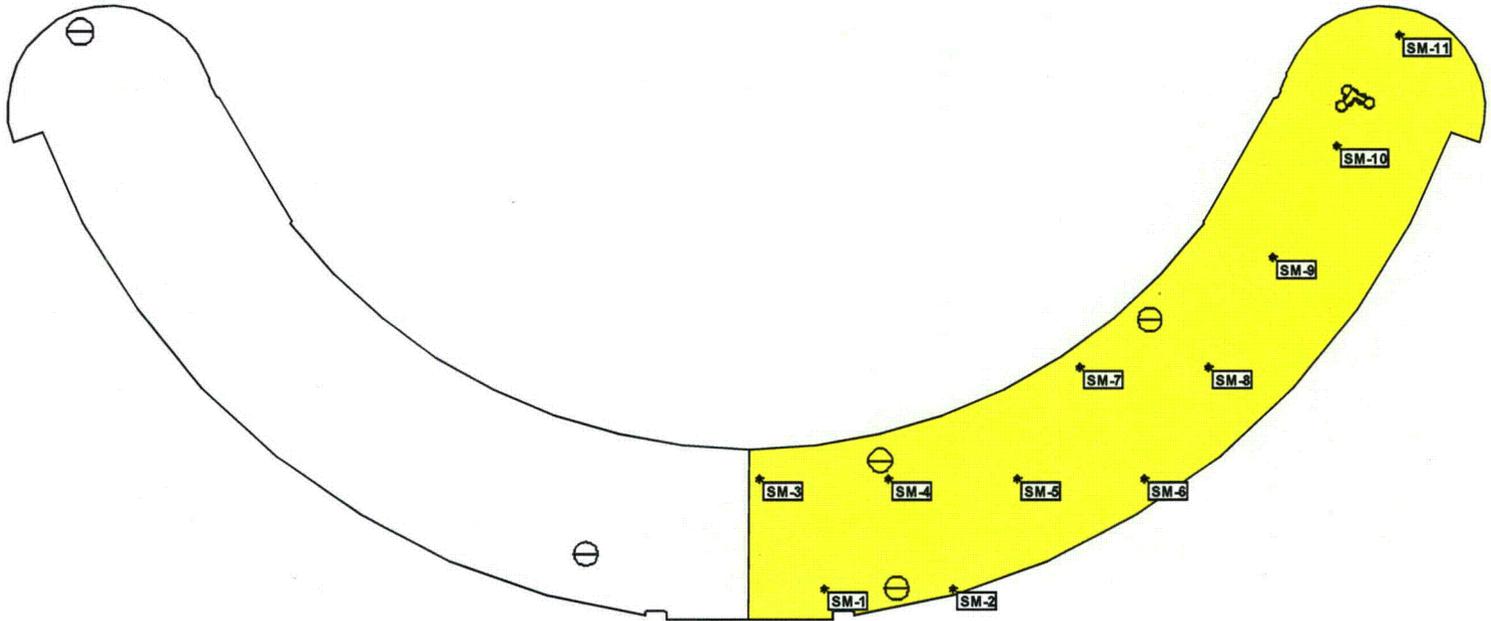
Survey Unit CV-3-6  
 Canal E - West Floor Section



| CV-3-6<br>AREA: Canal E – West Floor Section<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>DPM/100cm <sup>2</sup> |      | 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.

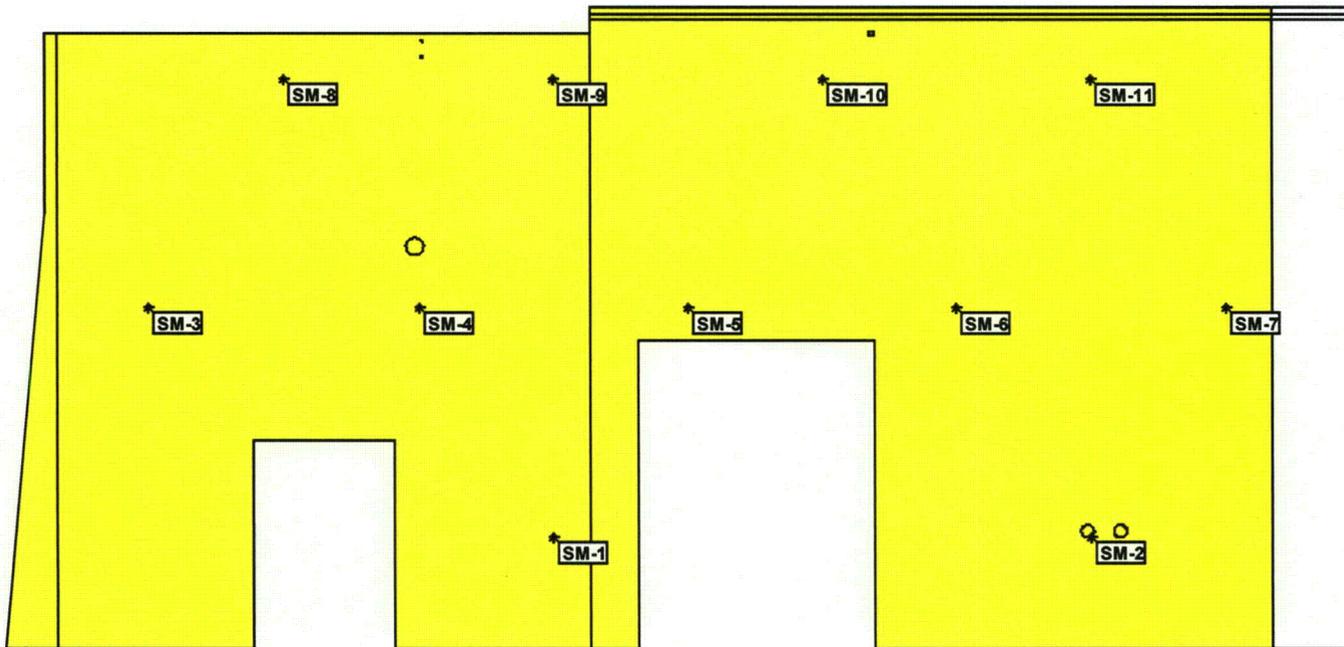
Survey Unit CV-3-7  
 Canal E - East Floor Section



| CV-3-7<br>AREA: Canal E – East Floor Section<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

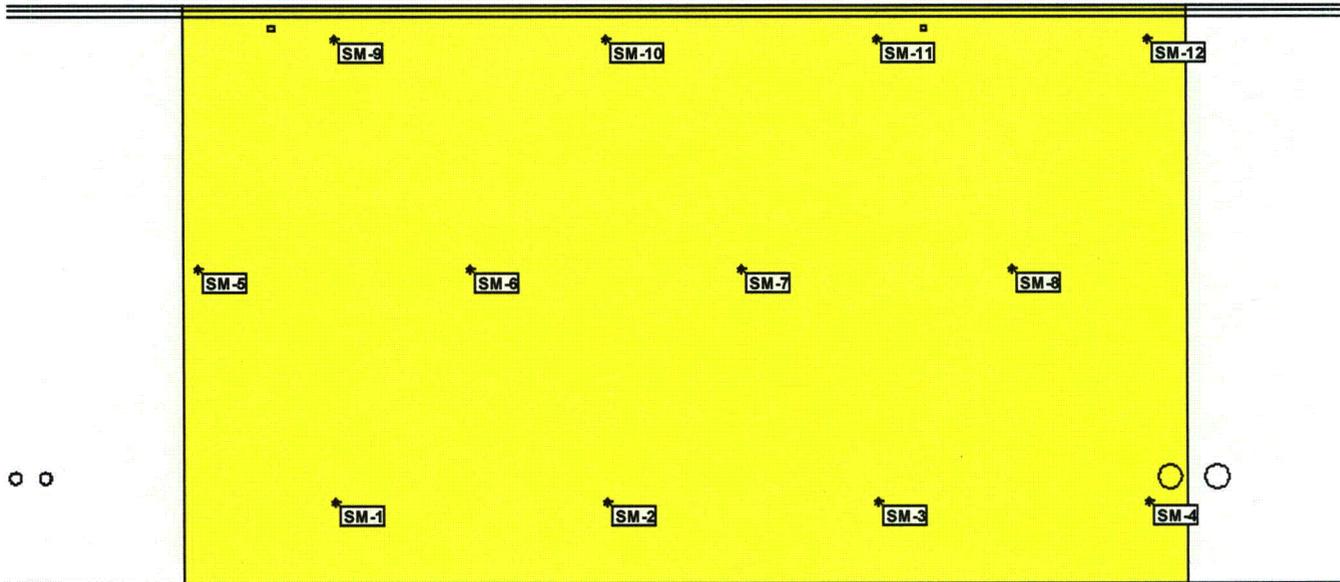
Survey Unit CV-3-8  
 Canal E - Wall Section #1



| CV-3-8<br>AREA: Canal E – Wall Section #1<br>Measurement Locations and results |              |                                      |      |            |       |
|--|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

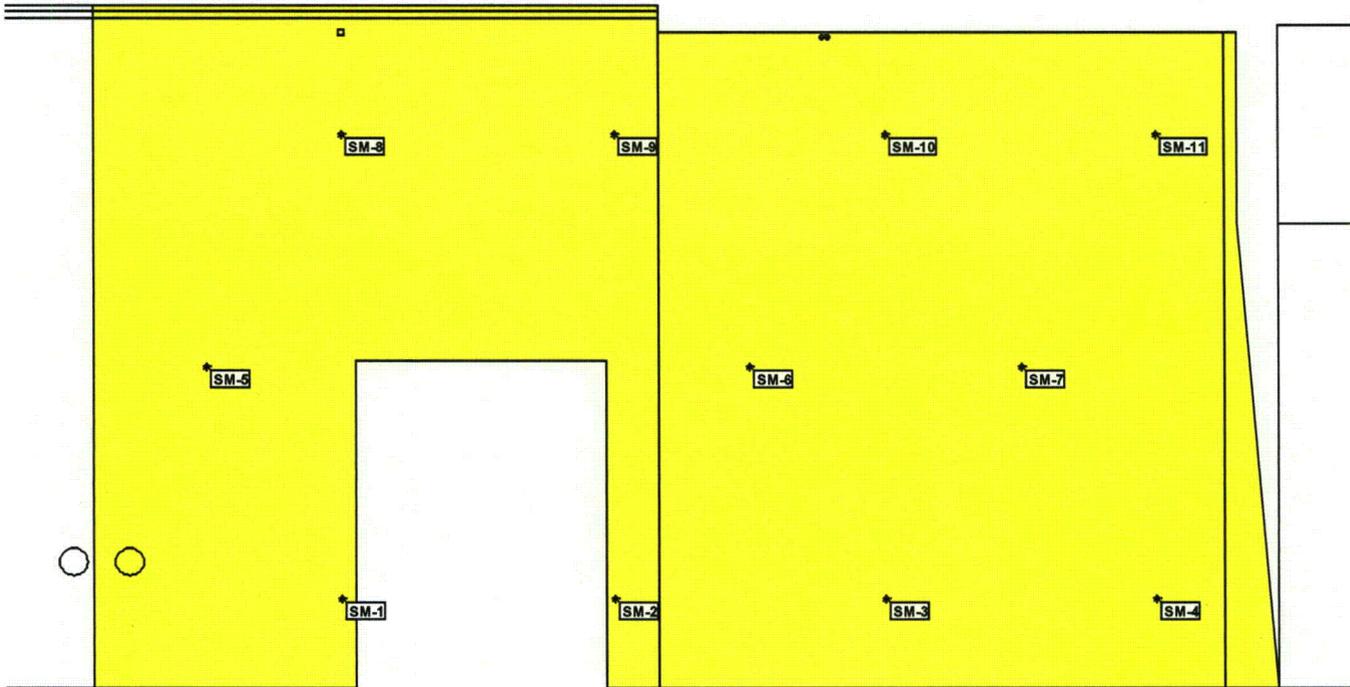
Survey Unit CV-3-9  
 Canal E - Wall Section #2



| CV-3-9<br>AREA: Canal E – Wall Section #2<br>Measurement Locations and results |              |                                      |      |            |       |
|--|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

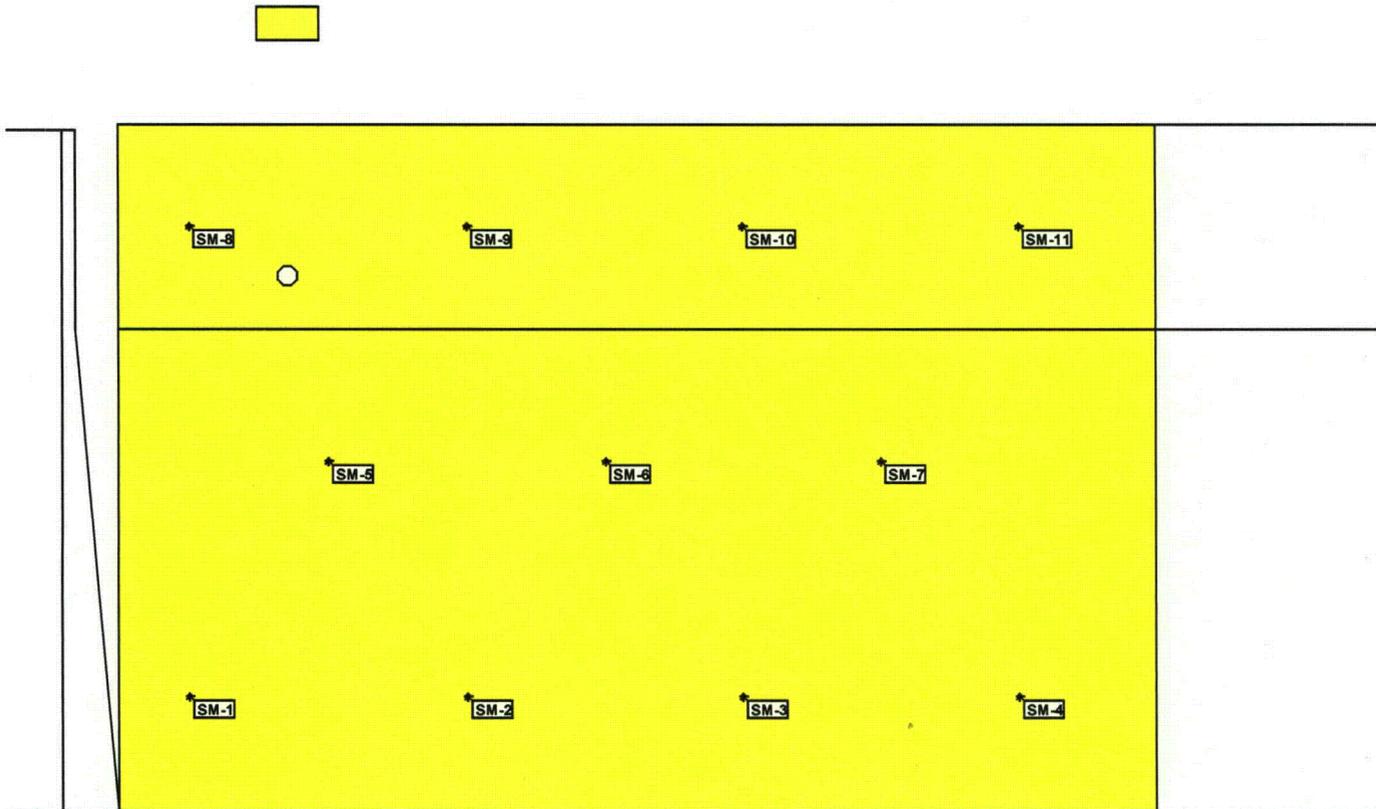
Survey Unit CV-3-10  
 Canal E - Wall Section #3



| CV-3-10<br>AREA: Canal E – Wall Section #3<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

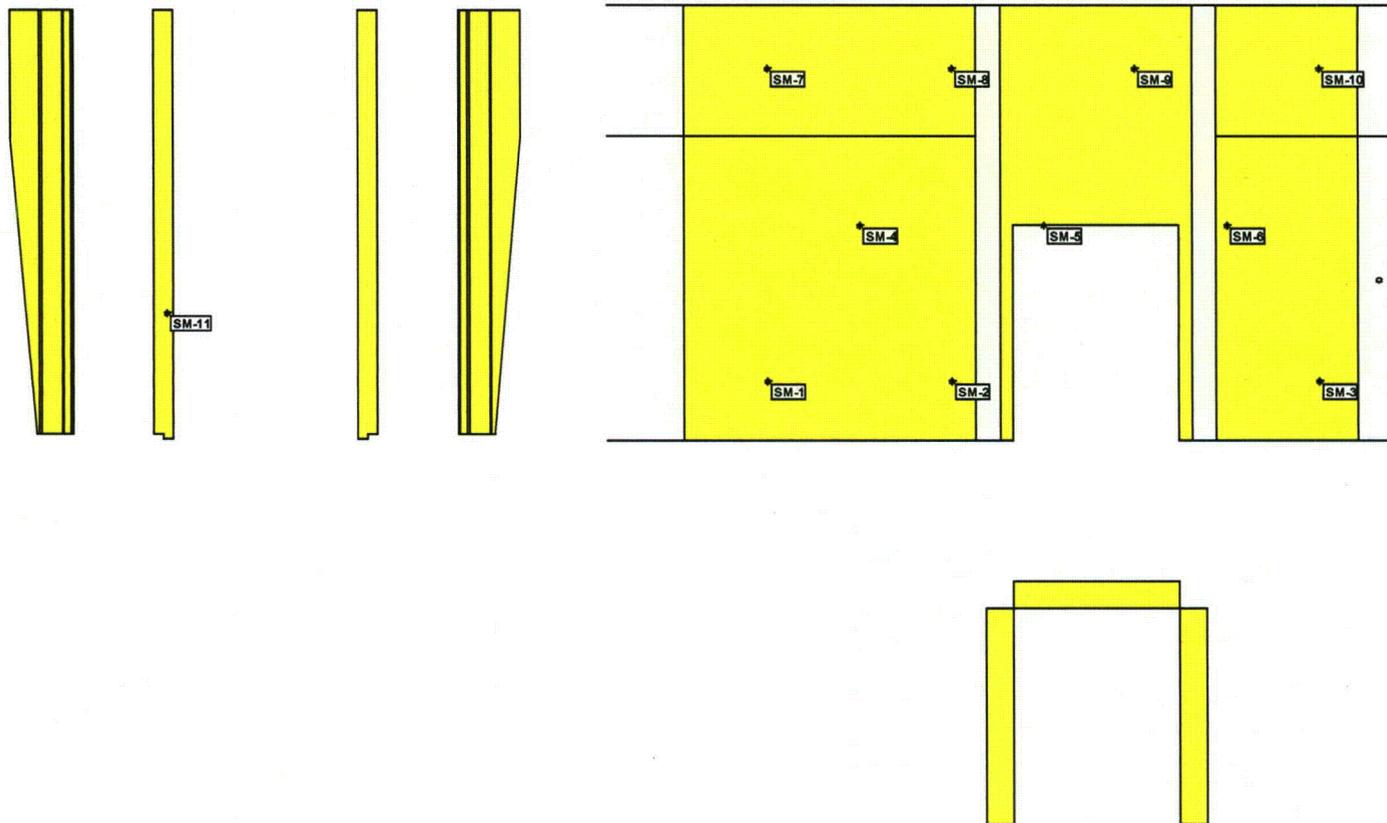
Survey Unit CV-3-11  
 Canal E - Wall Section #4



| CV-3-11<br>AREA: Canal E – Wall Section #4<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

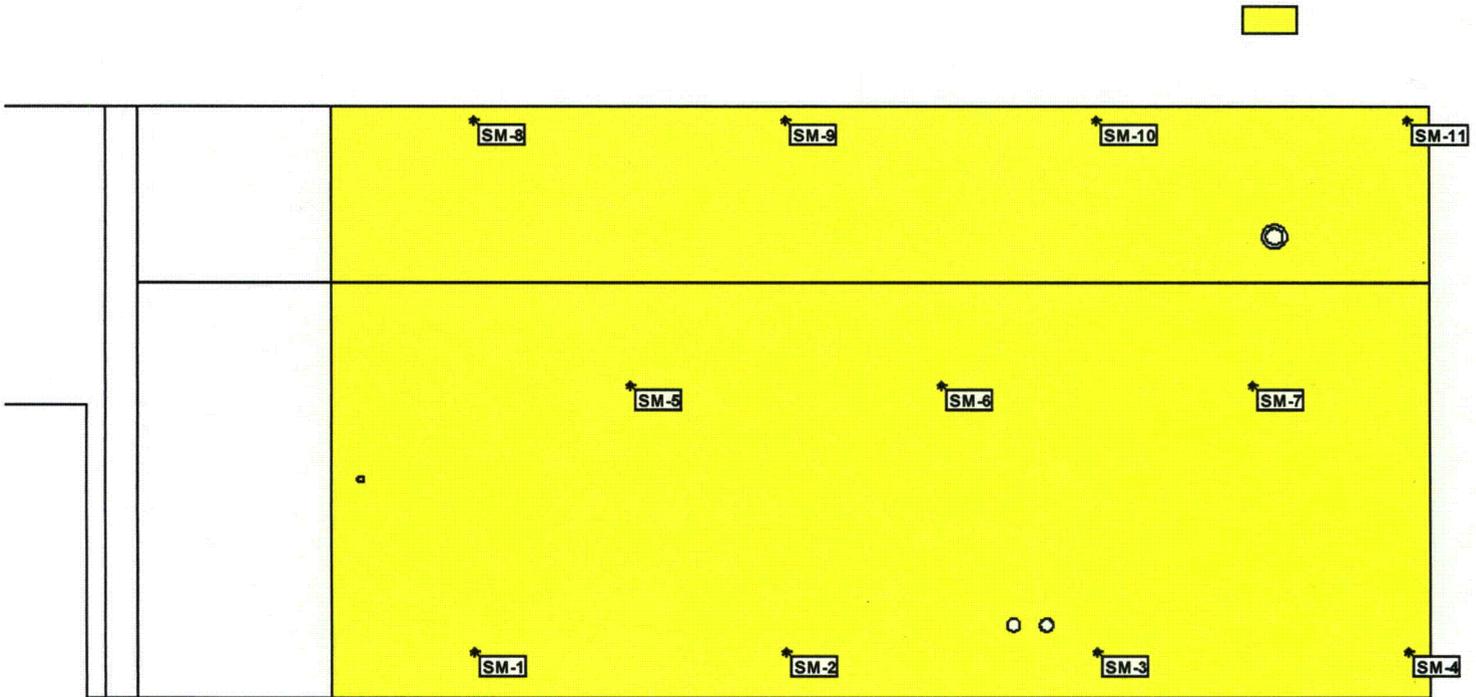
Survey Unit CV-3-12  
 Canal E - Wall Section #5



| CV-3-12<br>AREA: Canal E – Wall Section #5<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

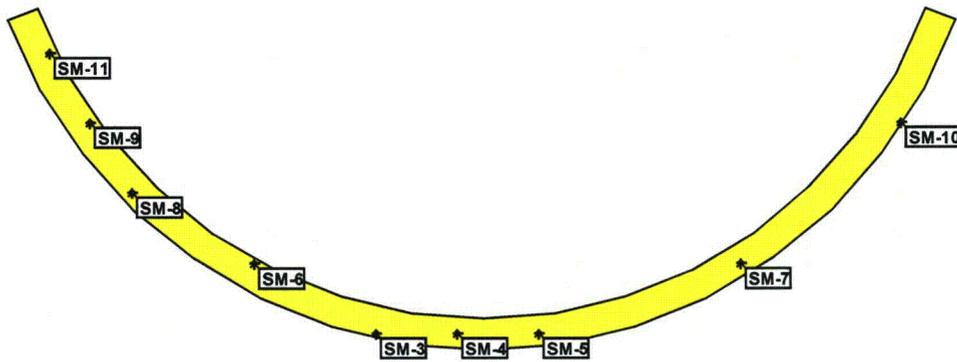
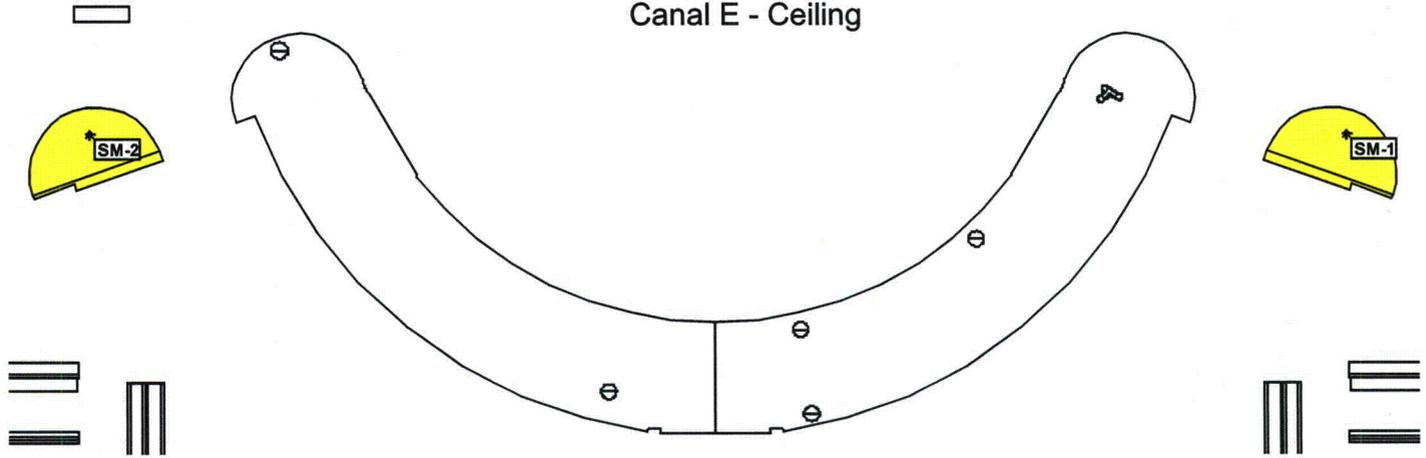
Survey Unit CV-3-13  
 Canal E - Wall Section #6



| CV-3-13<br>AREA: Canal E – Wall Section #6<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

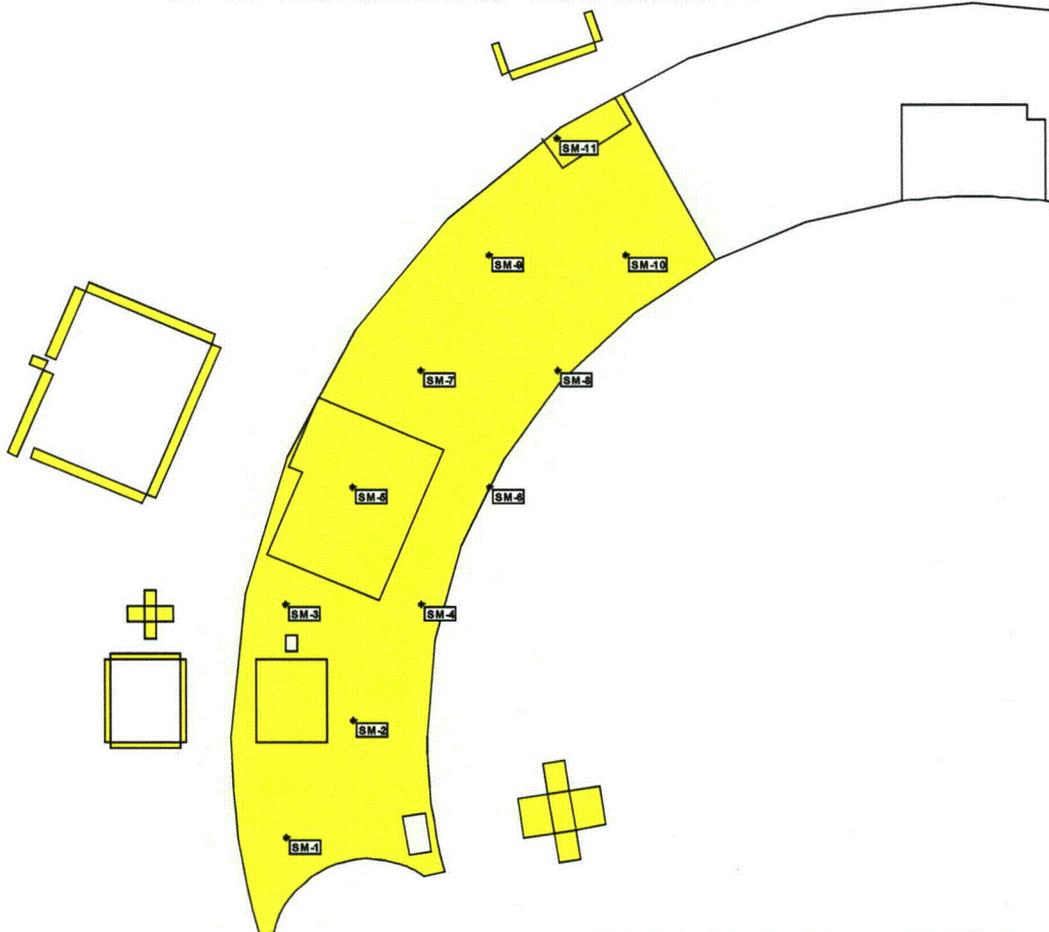
Survey Unit CV-3-14  
 Canal E - Ceiling



| CV-3-14<br>AREA: Canal E – Ceiling<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

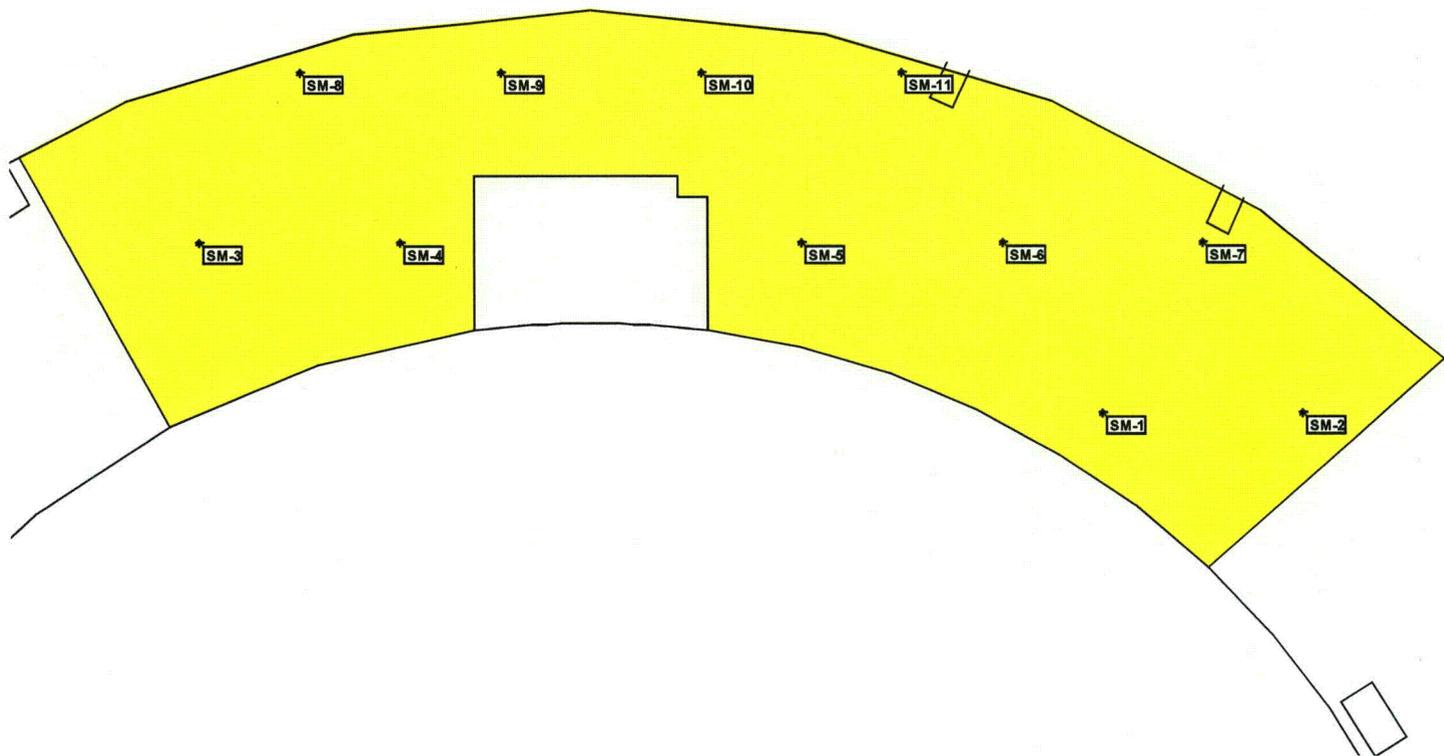
Survey Unit CV-3-15  
CV -25' Reactor Annulus - Floor Section #1



| CV-3-15<br>AREA: CV -25' Rx Annulus – Floor Section #1<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

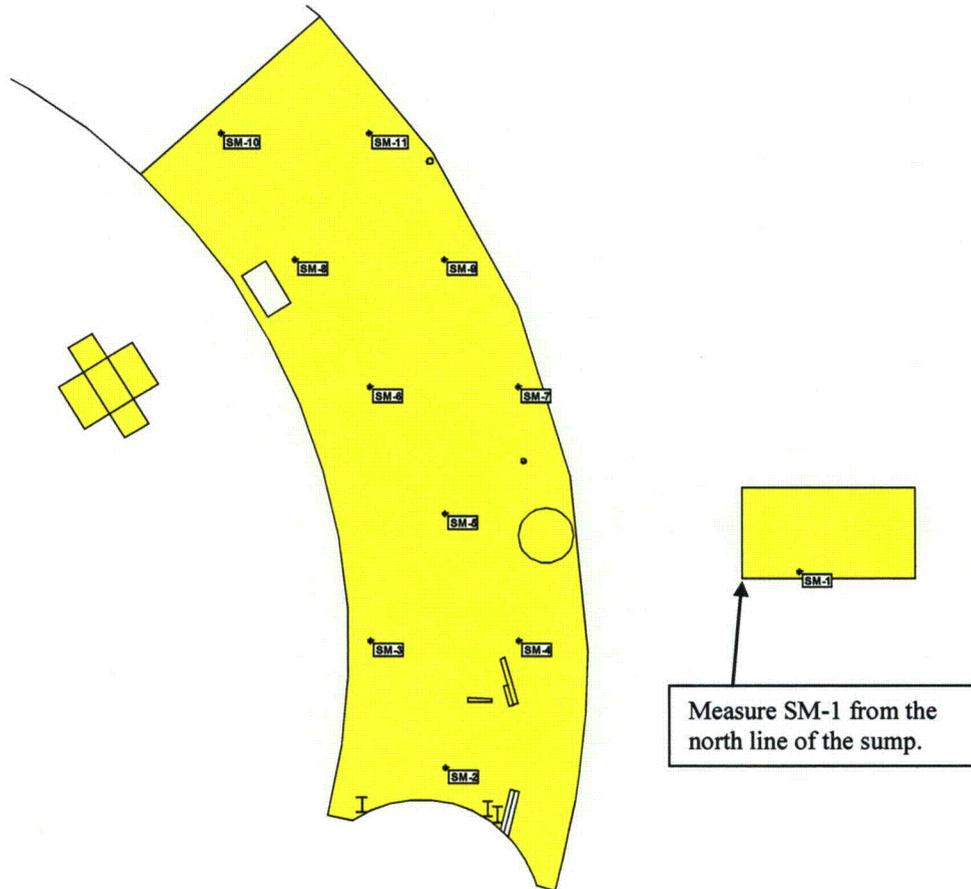
Survey Unit CV-3-16  
 CV -25' Reactor Annulus - Floor Section #2



| CV-3-16<br>AREA: CV -25' Rx Annulus – Floor Section #2<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

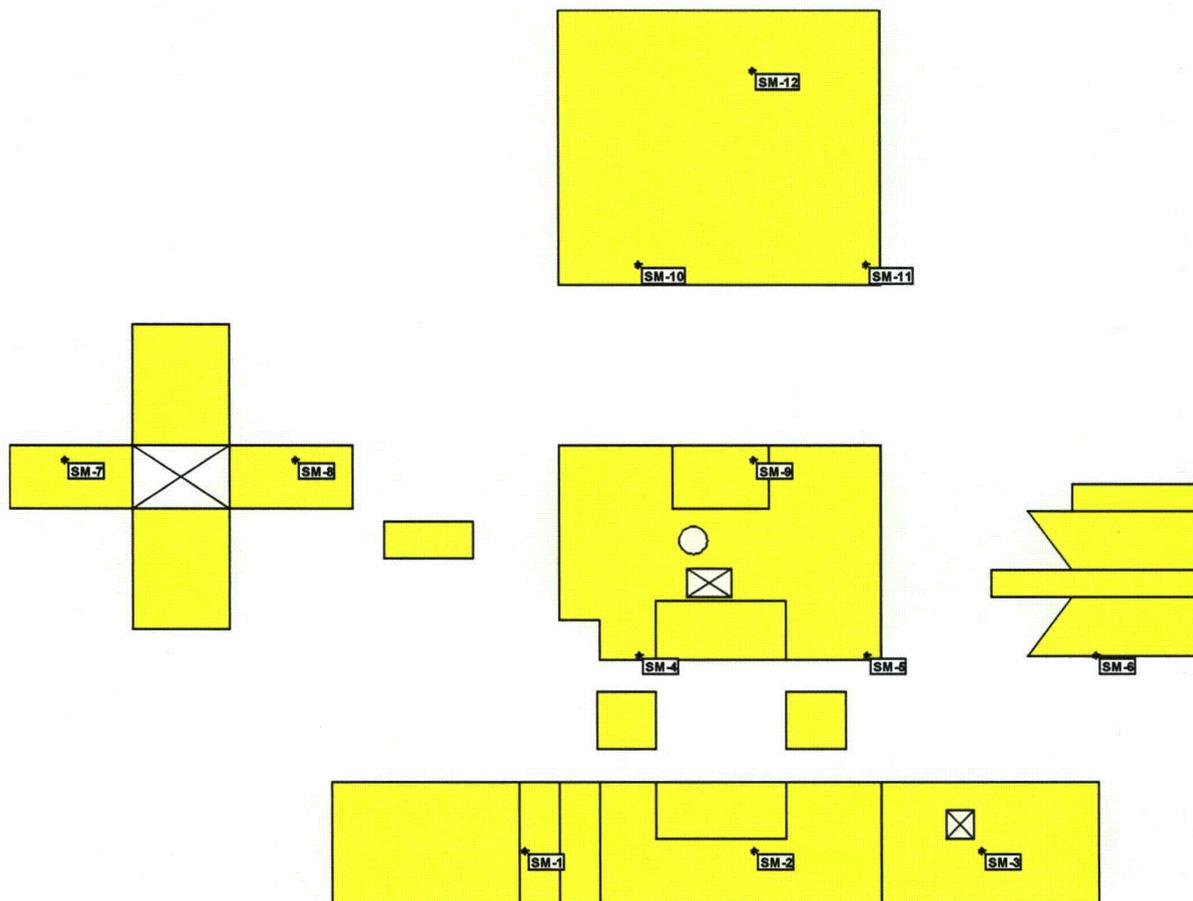
Survey Unit CV-3-17  
 CV -25' Reactor Annulus - Floor Section #3



| CV-3-17<br>AREA: CV -25' Rx Annulus – Floor Section #3<br>Measurement Locations and results |              |                                      |            |       |  |
|---|--------------|--------------------------------------|------------|-------|--|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> | 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.

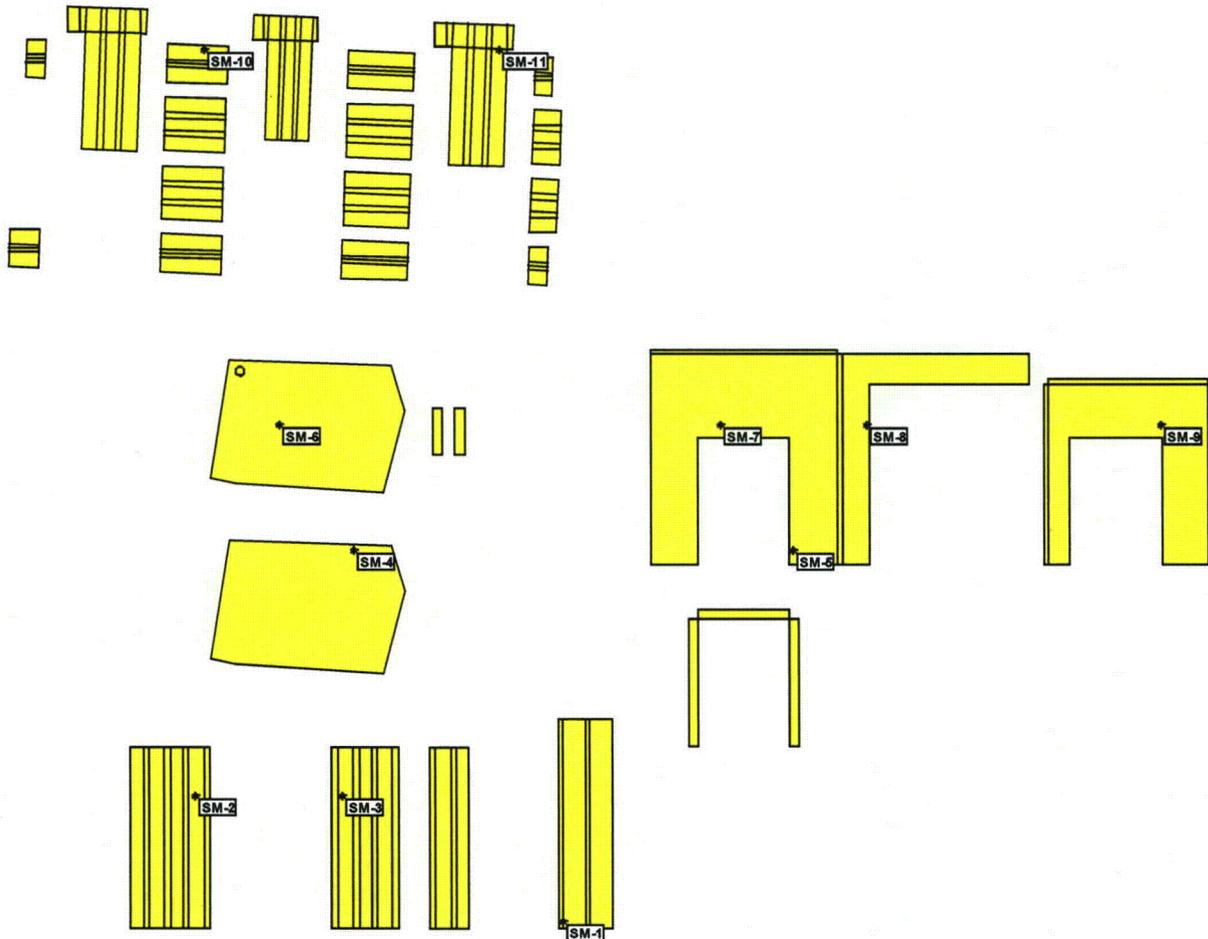
Survey Unit CV-3-18  
 CV -25' Reactor Annulus - Cave



| CV-3-18<br>AREA: CV -25' Rx Annulus – Cave<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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

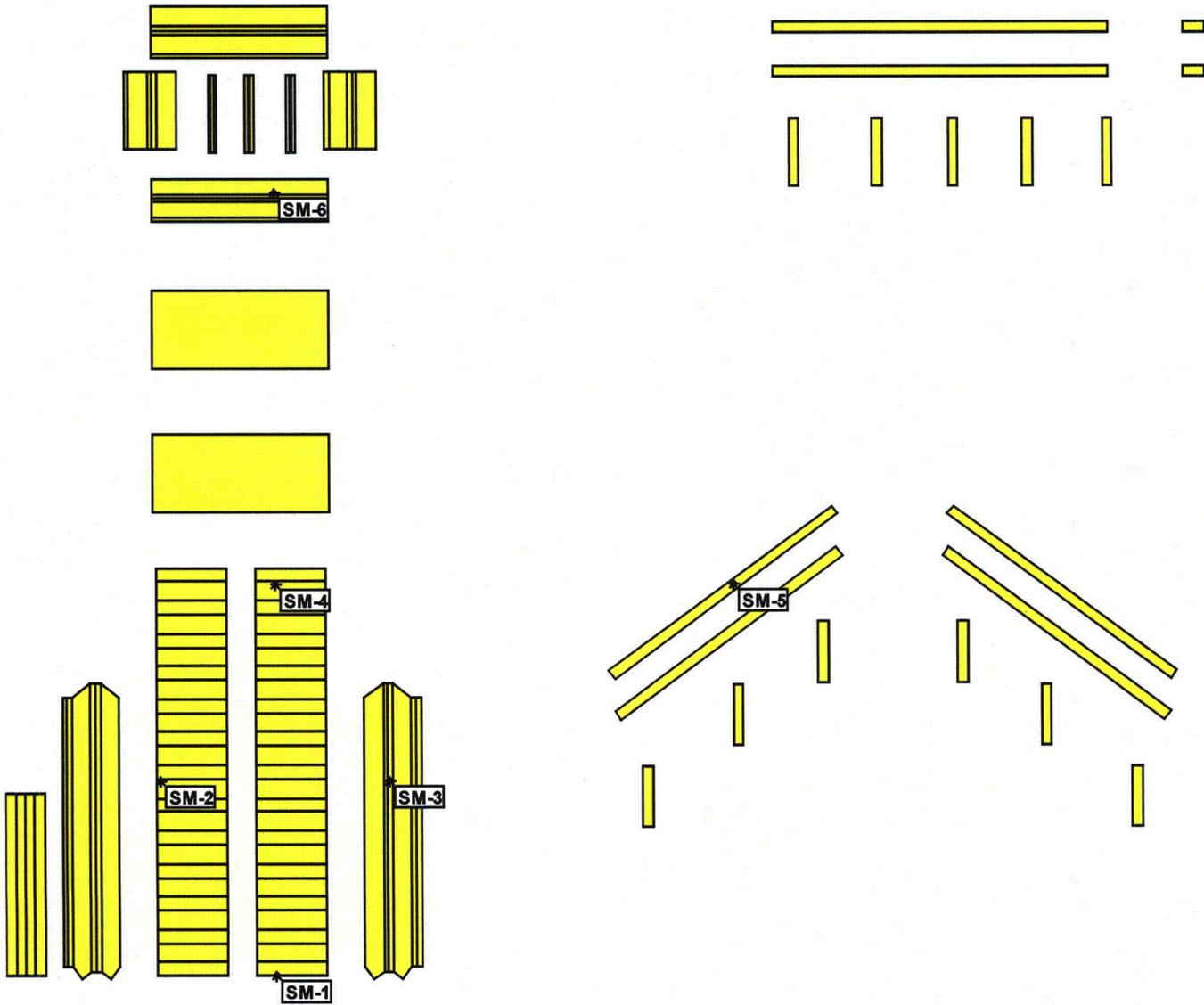


| CV-3-19<br>AREA: CV -25' Rx Annulus – East Platform<br>Measurement Locations and results |              |                                      |      |            |       |
|--|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

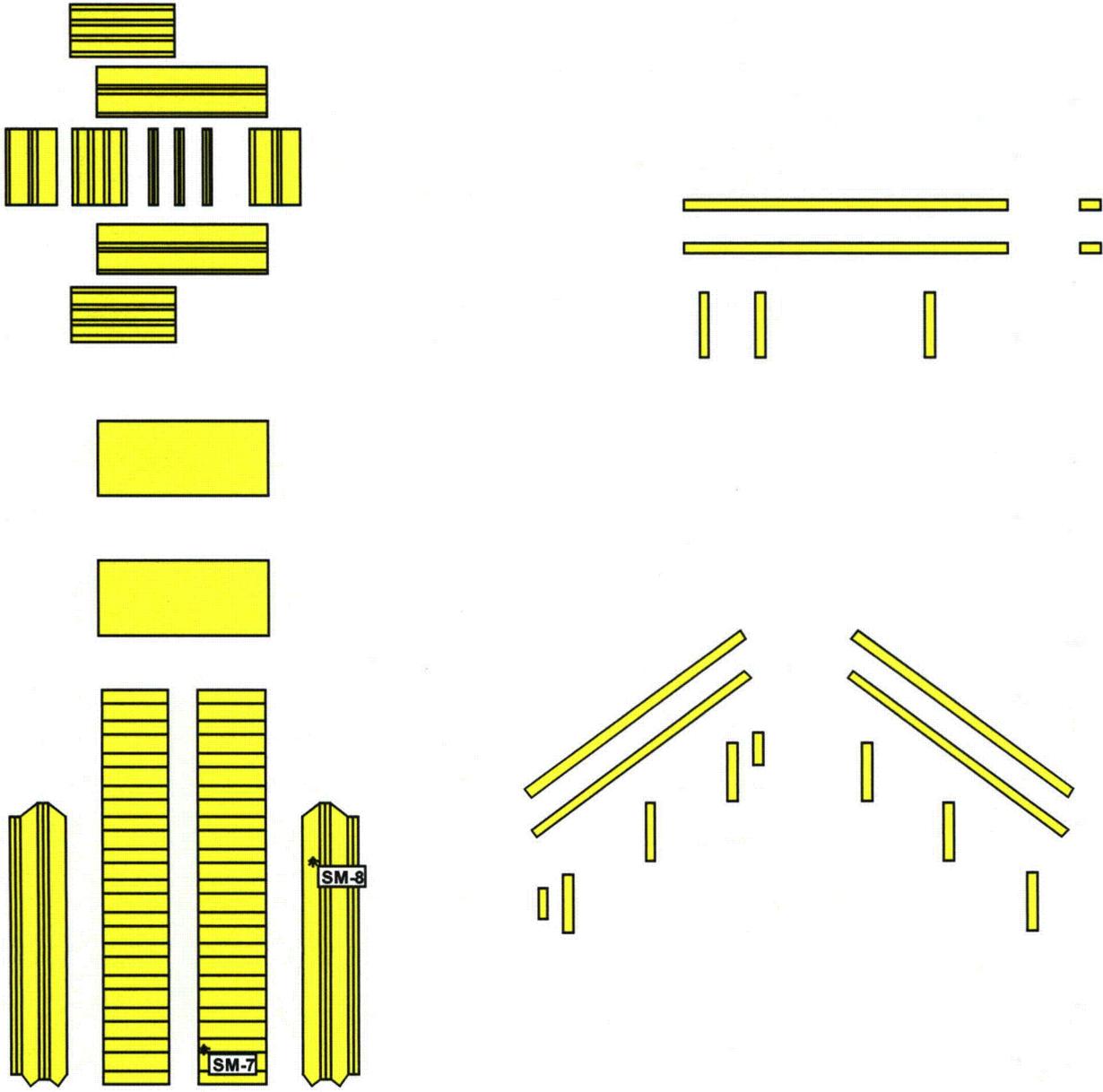
Survey Unit CV-3-20  
CV -25' Reactor Annulus - West Stairs  
(Page 1 of 3)

Map 1 of 3, Bottom Stairs

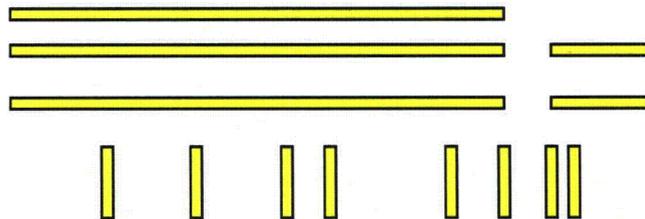


Survey Unit CV-3-20  
CV -25' Reactor Annulus - West Stairs  
(Page 2 of 3)

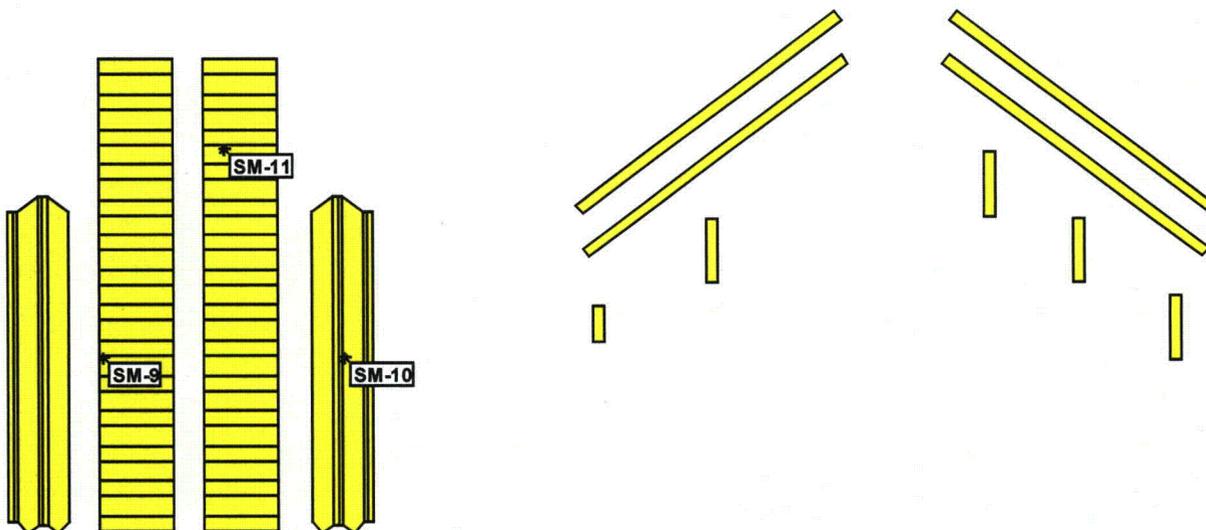
Map 2 of 3, Center Stairs



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



Map 3 of 3, Top Stairs

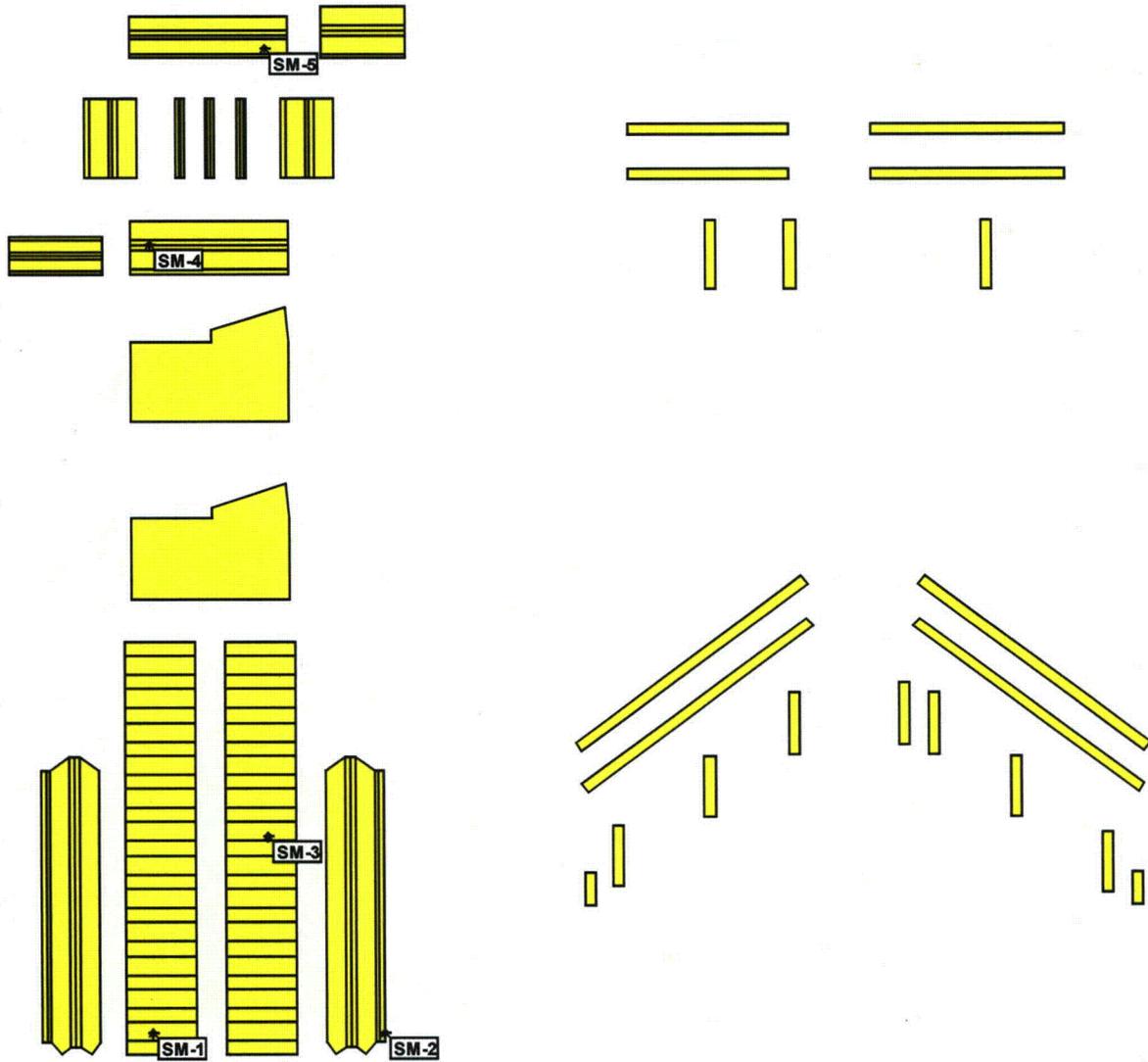


| CV-3-20<br>AREA: CV -25' Rx Annulus – West Stairs<br>Measurement Locations and results |              |                                      |      |            |       |
|--|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

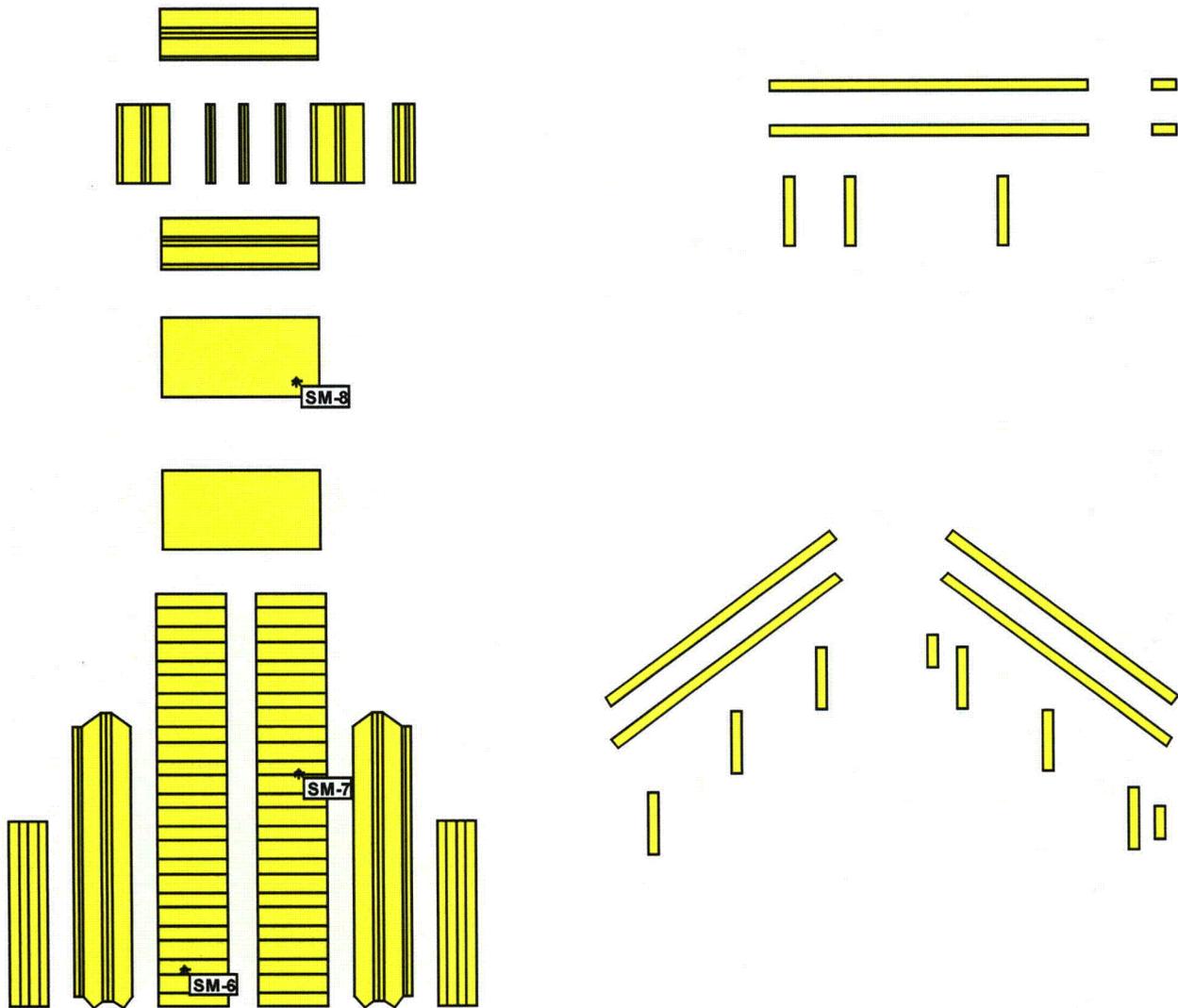
Survey Unit CV-3-21  
CV -25' Reactor Annulus - East Stairs  
(Page 1 of 3)

Map 1 of 3, Bottom Stairs

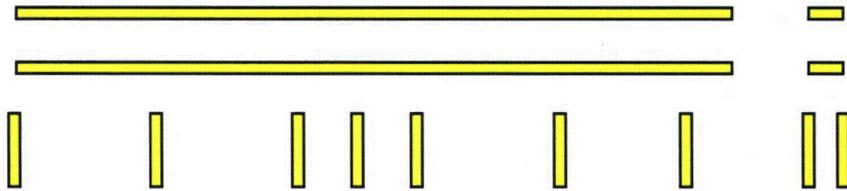


Survey Unit CV-3-21  
CV -25' Reactor Annulus - East Stairs  
(Page 2 of 3)

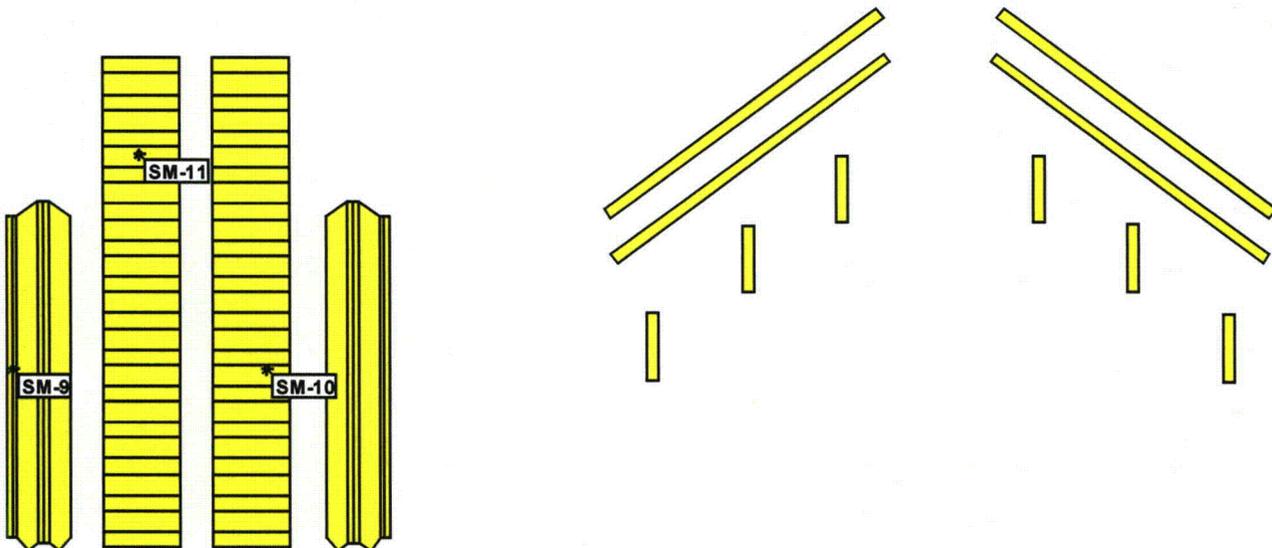
Map 2 of 3, Center Stairs



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



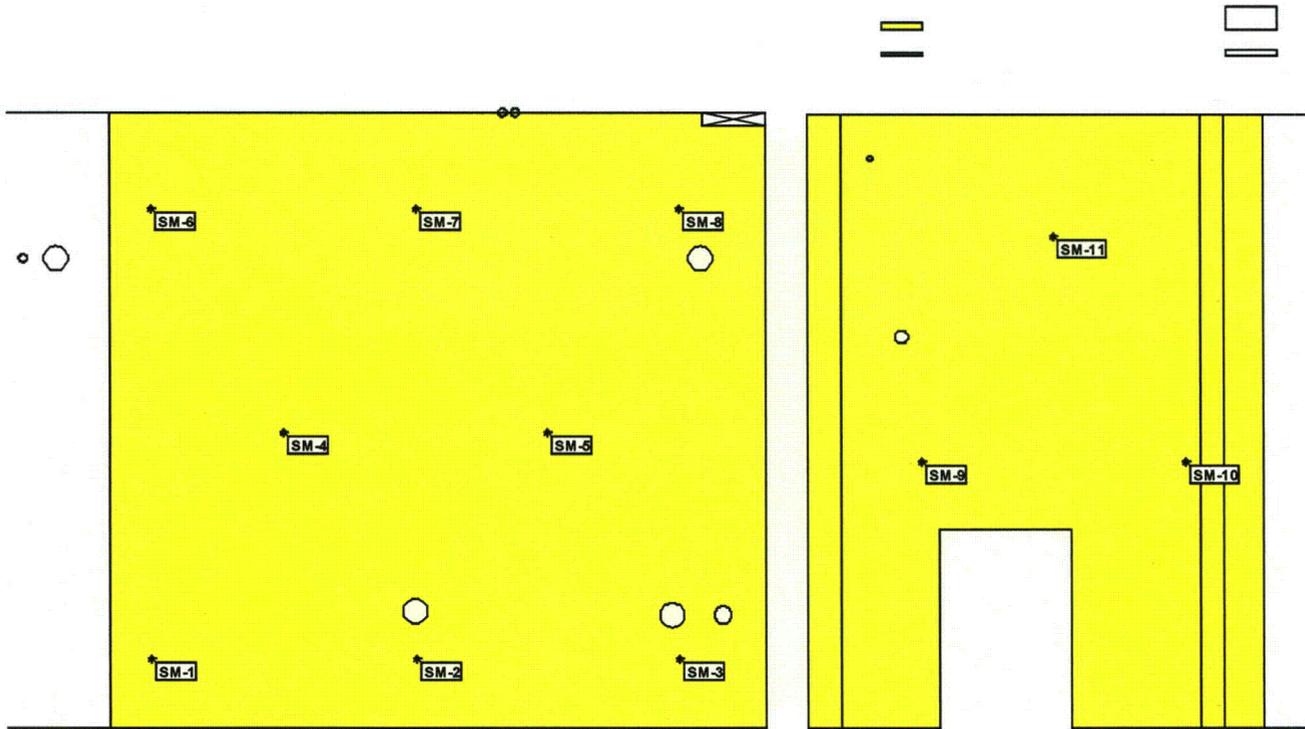
Map 3 of 3, Top Stairs



| CV-3-21<br>AREA: CV -25' Rx Annulus – East Stairs<br>Measurement Locations and results |              |                                      |      |            |       |
|--|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

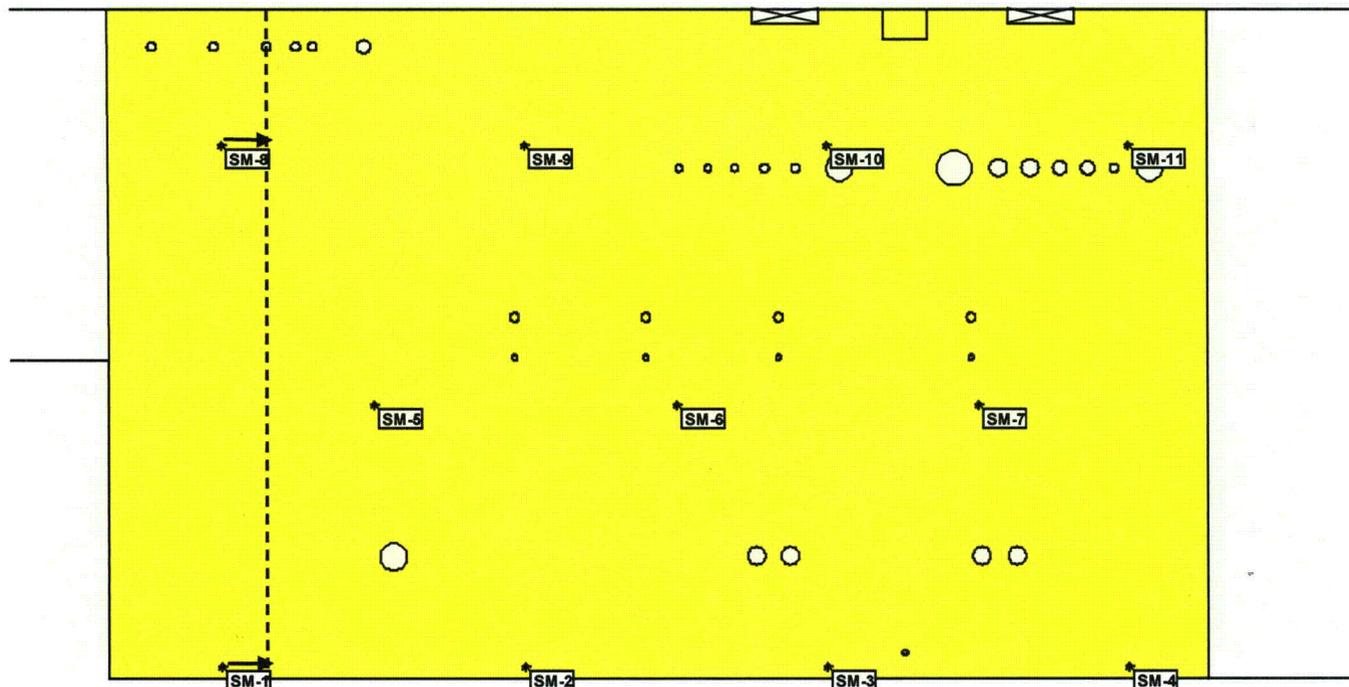
Survey Unit CV-3-22  
 CV -25' Reactor Annulus - West End Wall & Inner Wall Section #1



| 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 <sup>2</sup> |      | 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

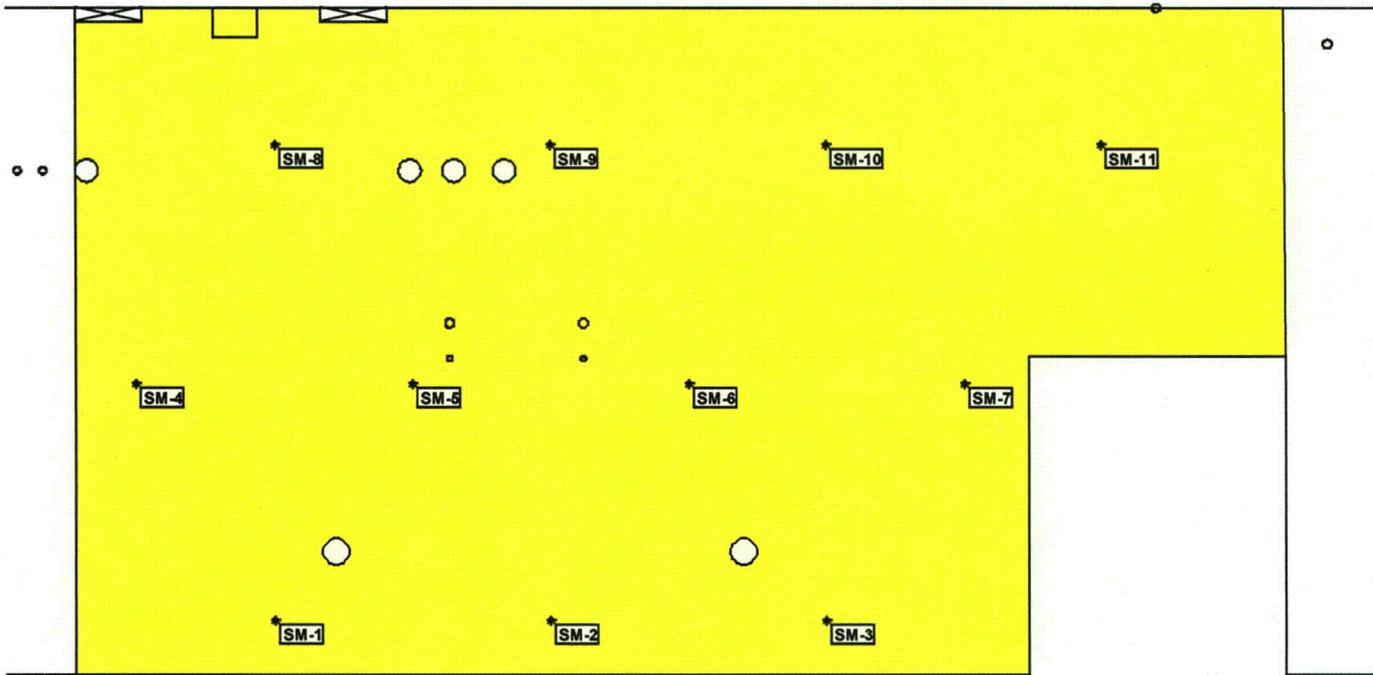


The width of this survey unit was found to be 1.7m shorter than the CAD drawing used in VSP. The dashed line shows the actual left hand side of the survey unit. The measurements in the table below were adjusted to reflect the new start point, with SM-1 and SM-8 moved 0.5m right to fall in the survey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

| CV-3-23<br>AREA: CV -25' Rx Annulus -Wall Section #2<br>Measurement Locations and results |              |                                   |     |            |       |
|---|--------------|-----------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location / dpm/100cm <sup>2</sup> |     | 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.

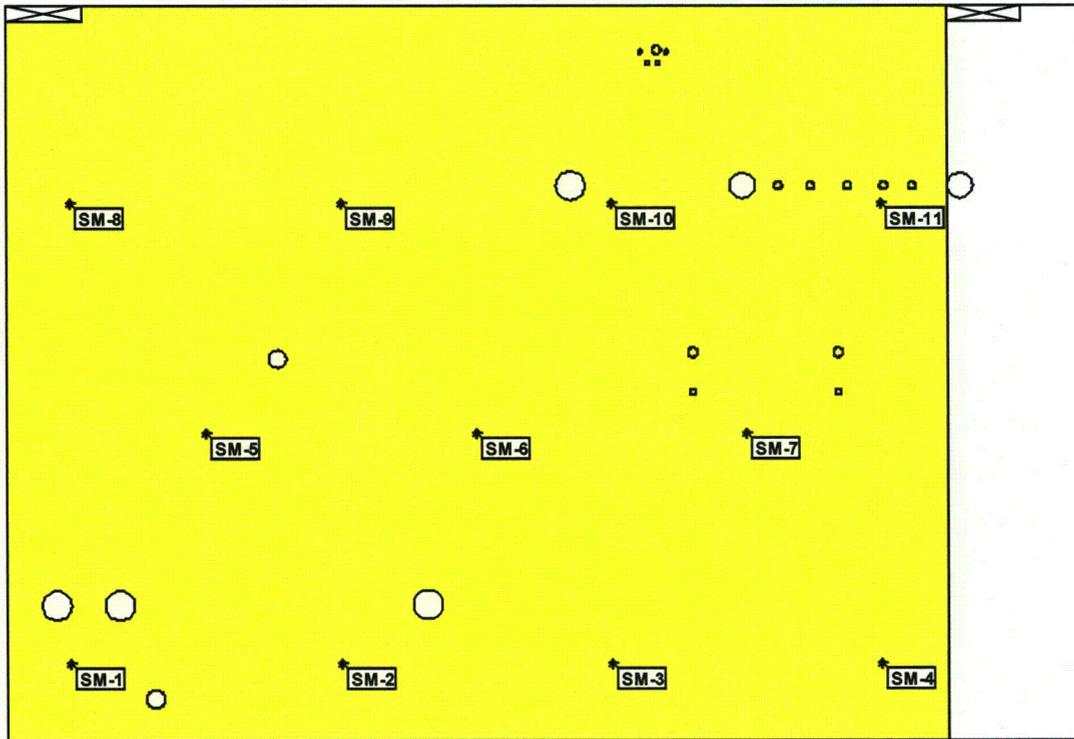
Survey Unit CV-3-24  
 CV -25' Reactor Annulus - Inner Wall Section #3



| 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 <sup>2</sup> |      | 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.

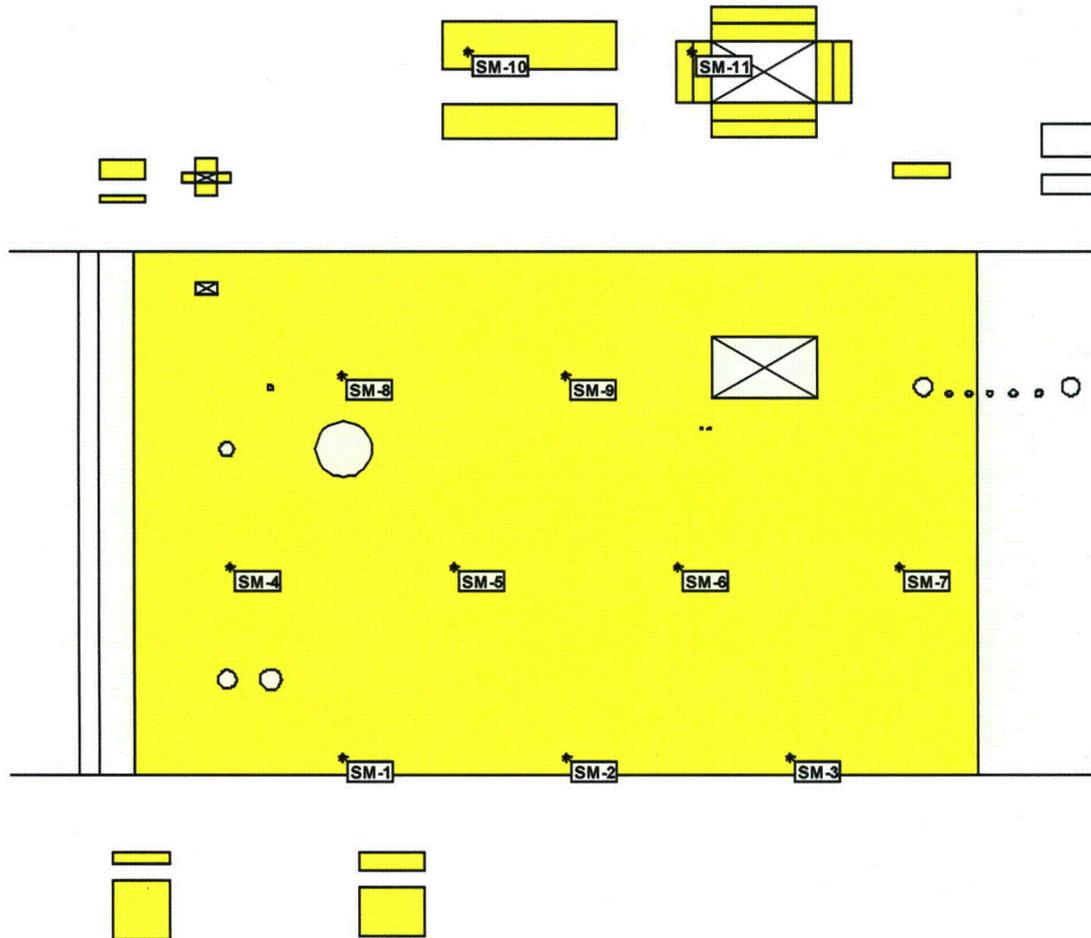
Survey Unit CV-3-25  
 CV -25' Reactor Annulus - Inner Wall Section #4



| CV-3-25<br>AREA: CV -25' Rx Annulus – Inner Wall Section #4<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

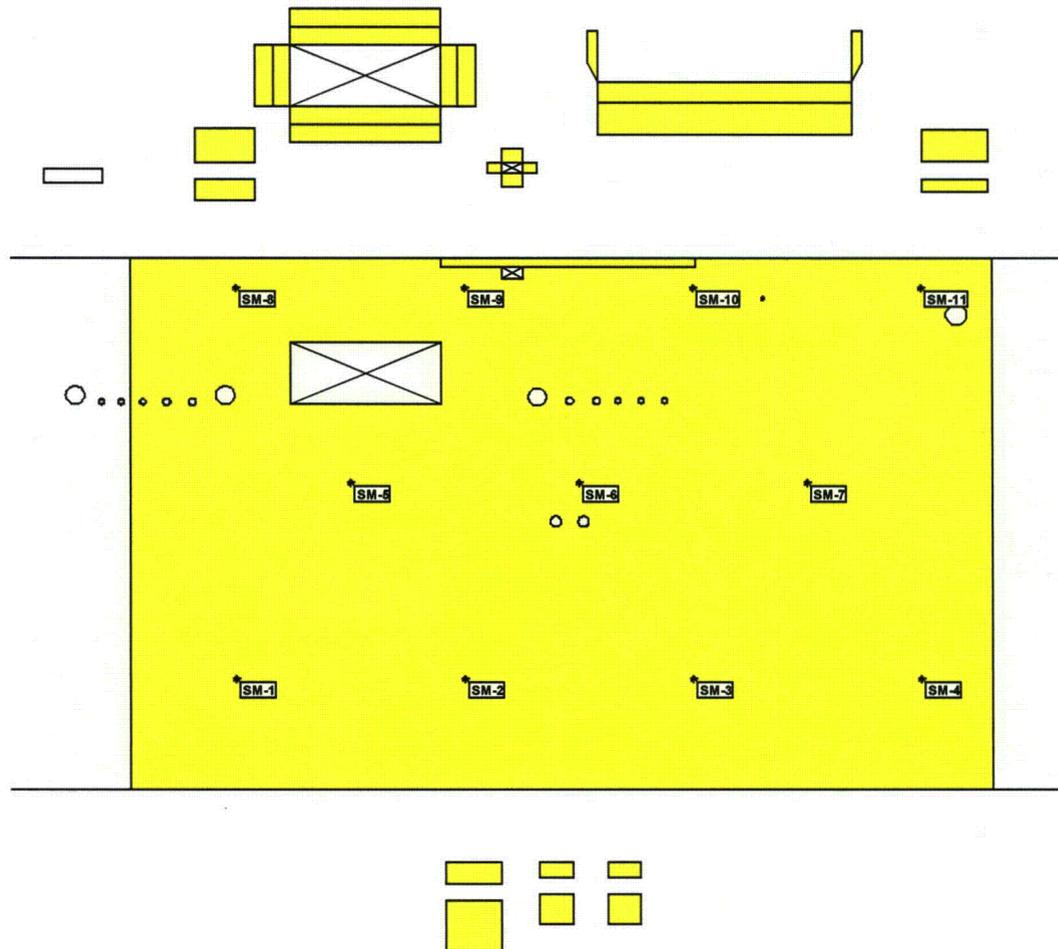
Survey Unit CV-3-26  
 CV -25' Reactor Annulus - Outer Wall Section #1



| 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 <sup>2</sup> |     | 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.

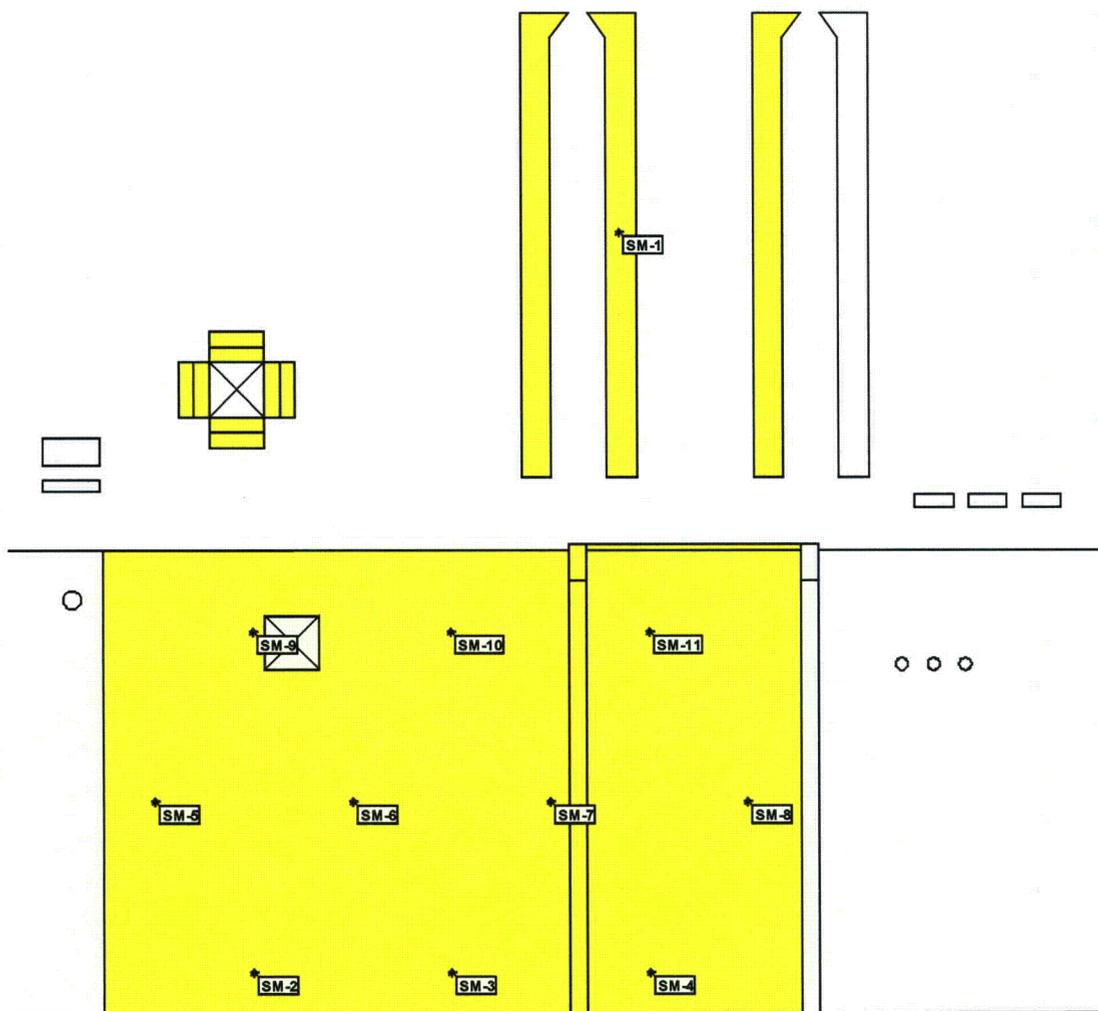
Survey Unit CV-3-27  
 CV -25' Reactor Annulus - Outer Wall Section #2



| CV-3-27<br>AREA: CV -25' Rx Annulus – Outer Wall Section #2<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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

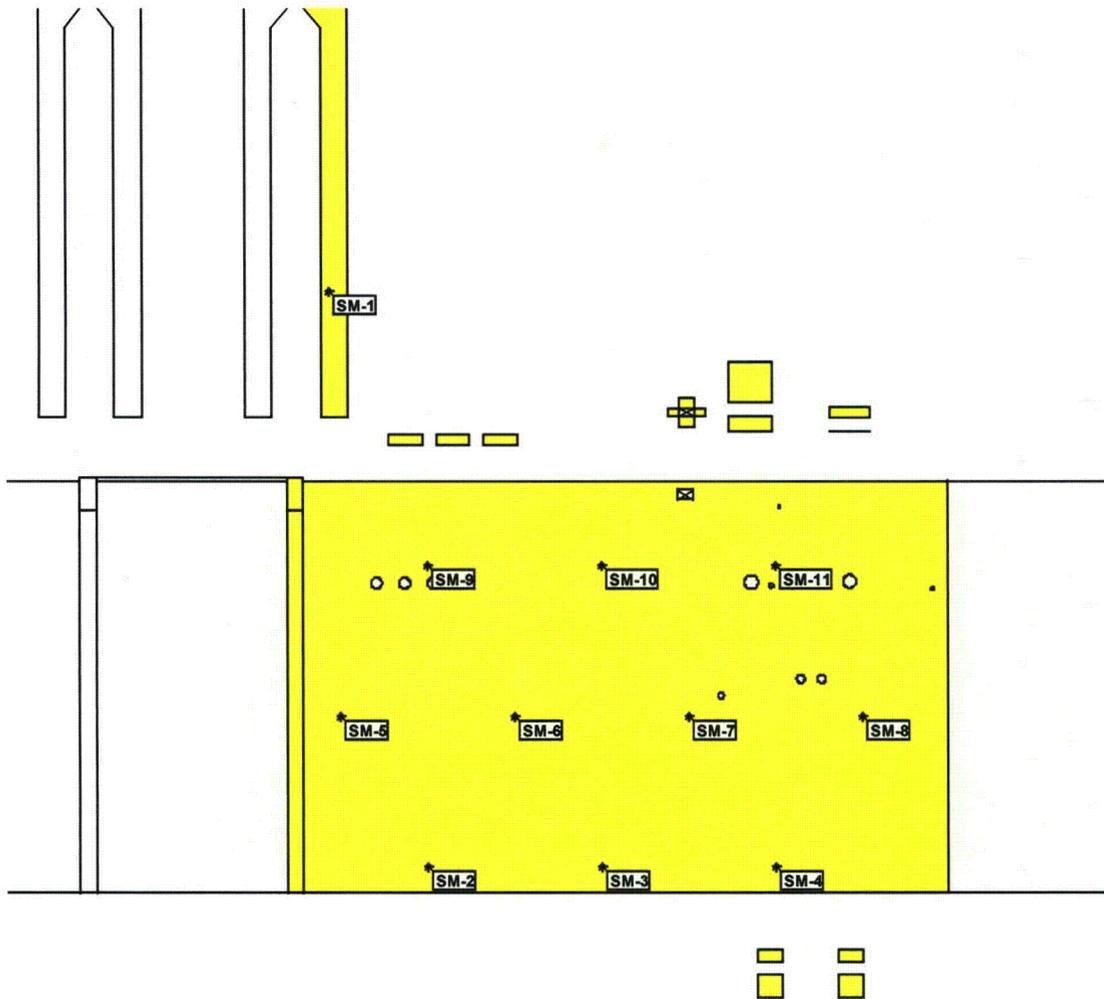


**CV-3-28**  
**AREA: CV -25' Rx Annulus – Outer Wall Section #3**  
**Measurement Locations and results**

| X Co-ord (m) | Y Co-ord (m) | Location / dpm/100cm <sup>2</sup> | 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.

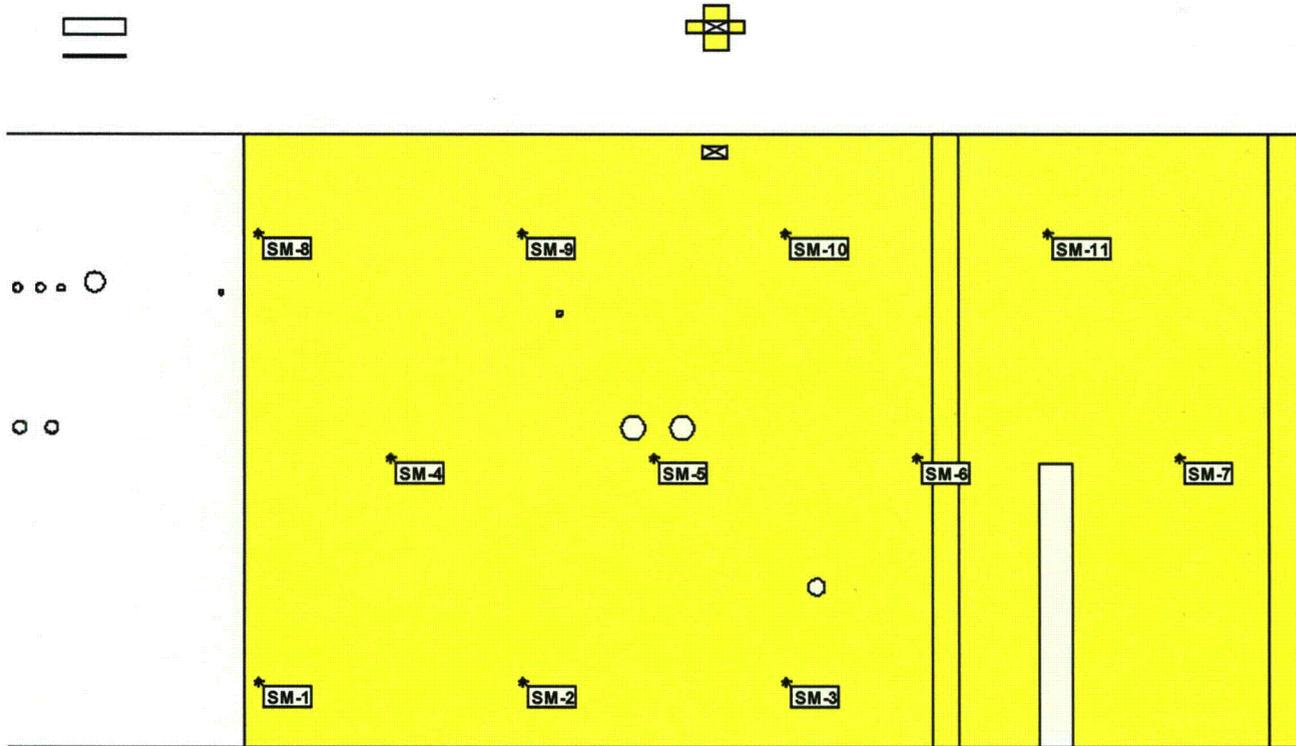
Survey Unit CV-3-29  
 CV -25' Reactor Annulus - Outer Wall Section #4



| CV-3-29<br>AREA: CV -25' Rx Annulus – Outer Wall Section #4<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

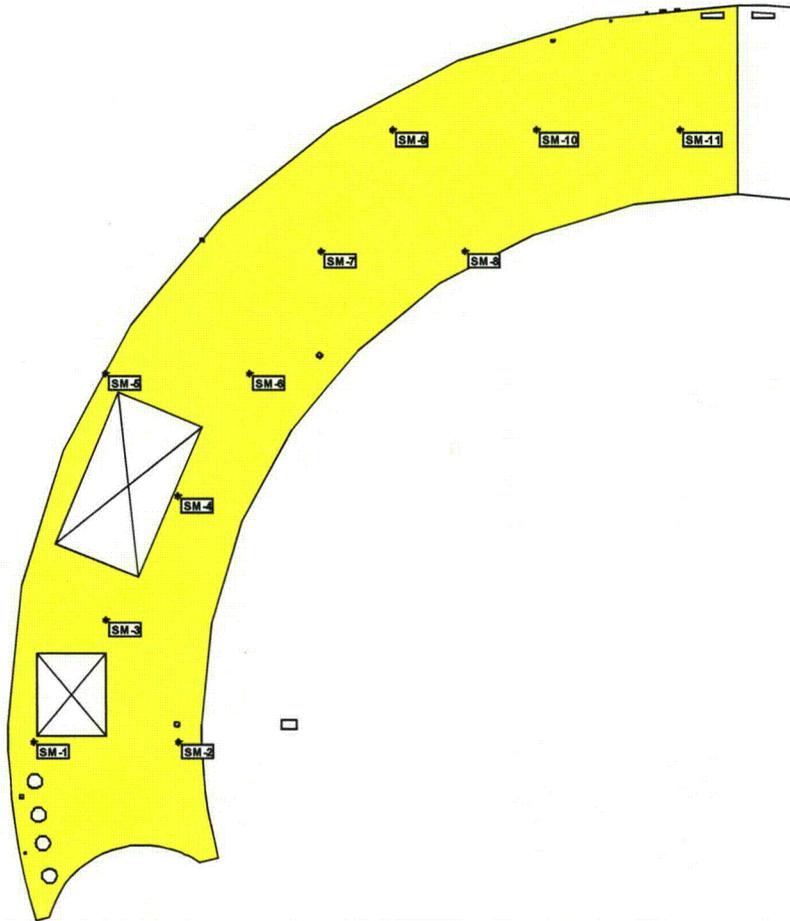
Survey Unit CV-3-30  
 CV -25' Reactor Annulus - Outer Wall Section #5



| CV-3-30<br>AREA: CV -25' Rx Annulus – Inner Wall Section #5<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

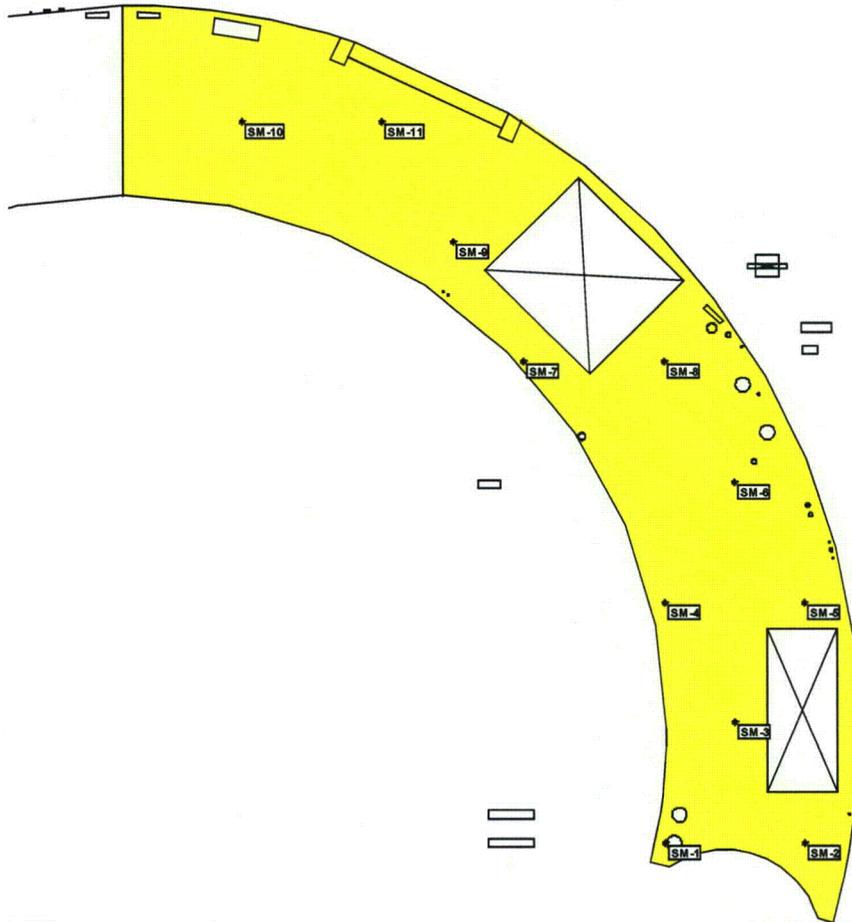
Survey Unit CV-3-31  
 CV -25' Reactor Annulus - West Ceiling



| CV-3-31<br>AREA: CV -25' Rx Annulus – West Ceiling<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

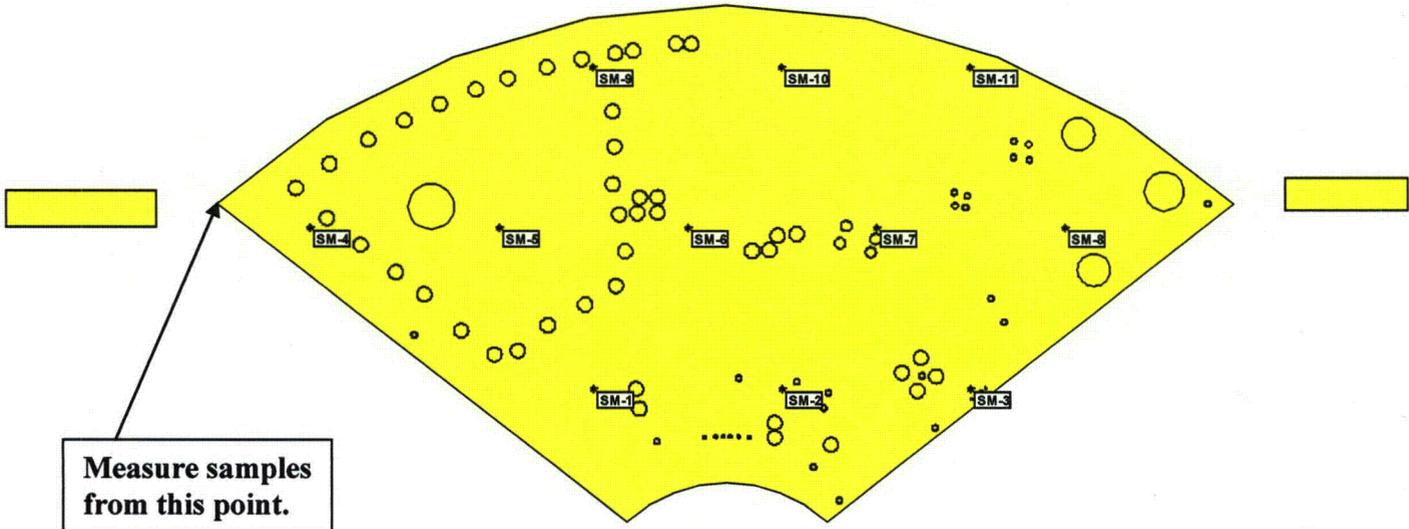
Survey Unit CV-3-32  
 CV -25' Reactor Annulus - East Ceiling



| CV-3-32<br>AREA: CV -25' Rx Annulus – East Ceiling<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

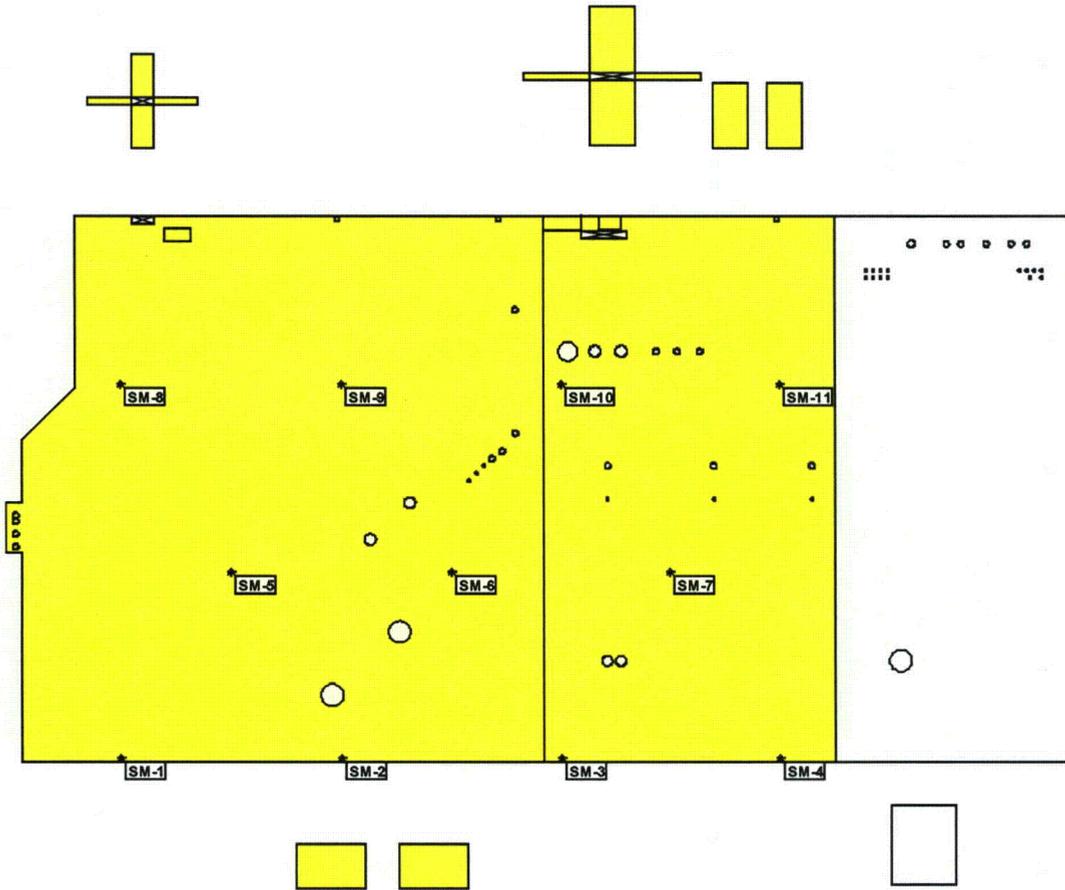
Survey Unit CV-3-33  
 Quad D - Floor



| CV-3-33<br>AREA: CV Quad D – Floor<br>Measurement Locations and results |              |                                      |            |       |  |
|---|--------------|--------------------------------------|------------|-------|--|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> | 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.

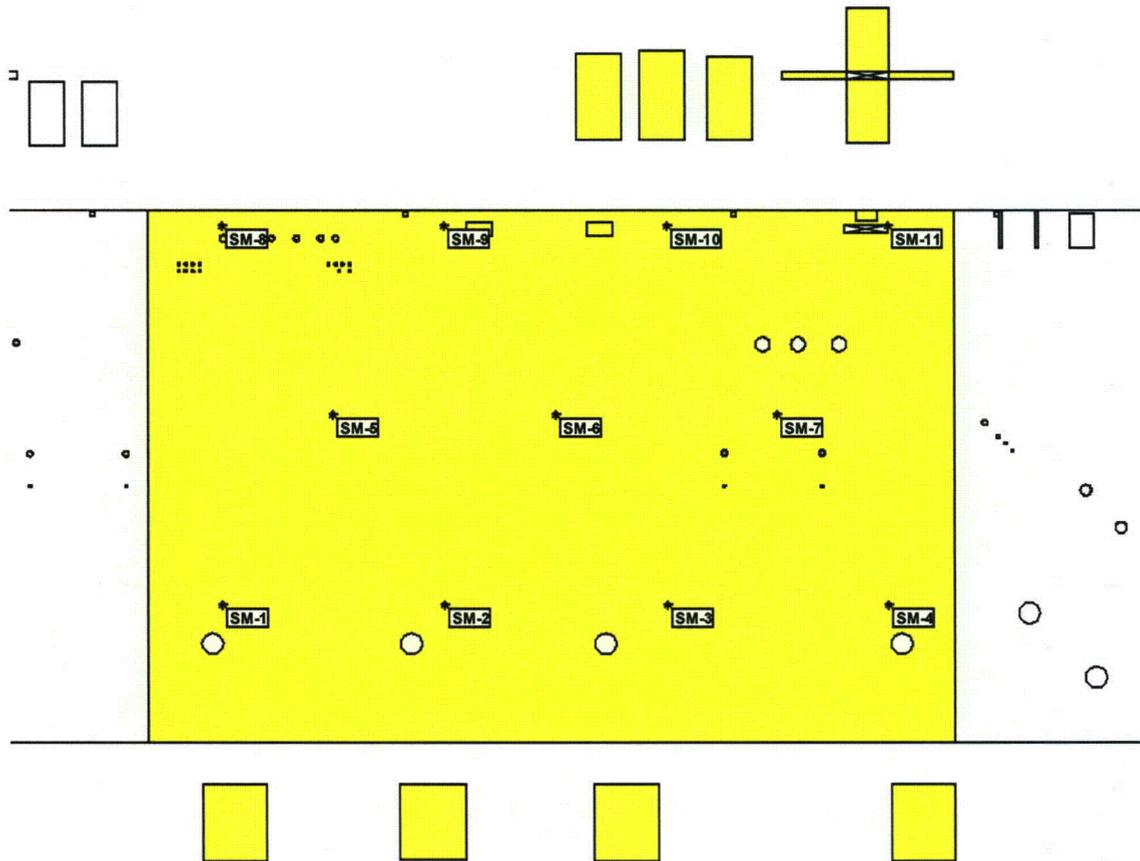
Survey Unit CV-3-34  
 Quad D - West Wall and West 4m of North Wall



| CV-3-34<br>CV Quad D – West Wall and West 4m of North Wall<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

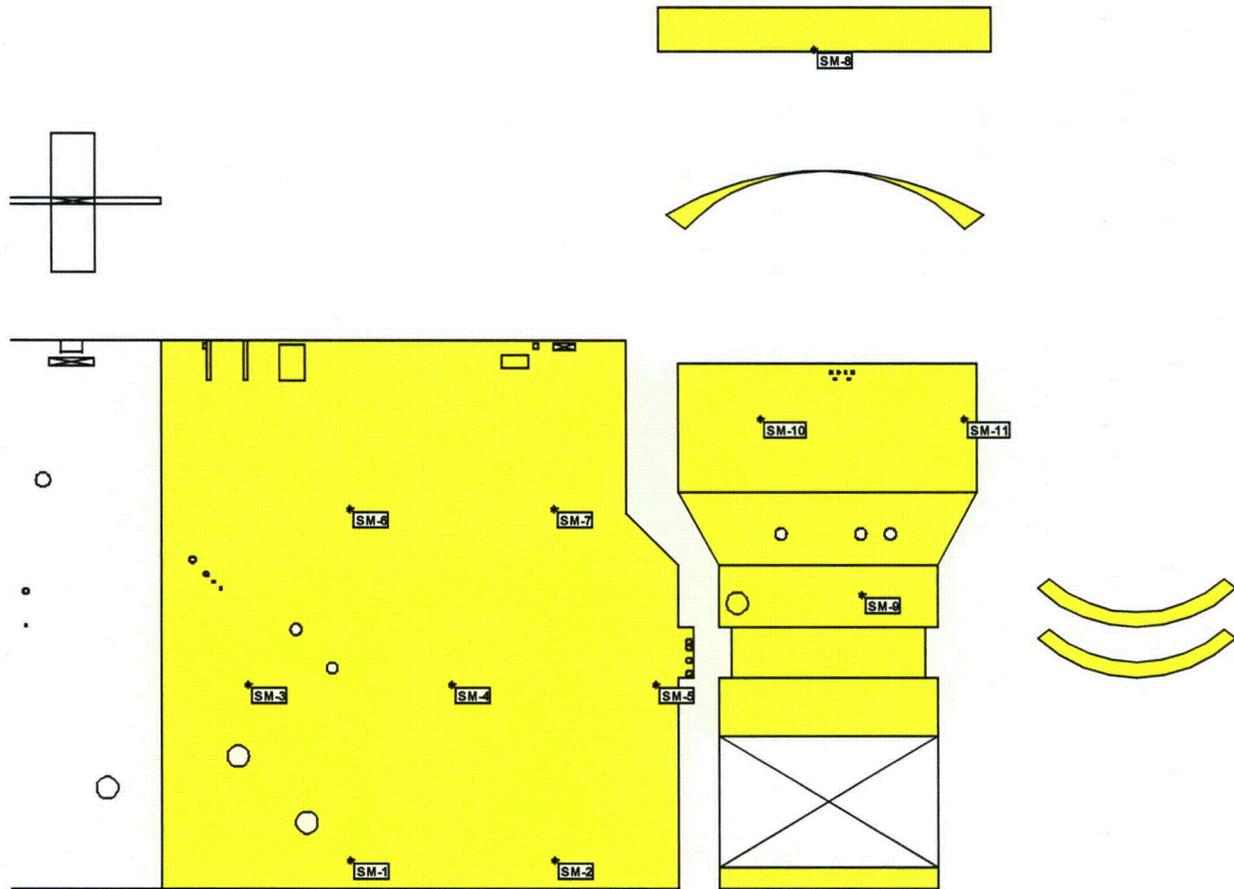
Survey Unit CV-3-35  
 Quad D - North Wall



| CV-3-35<br>AREA: CV Quad D – North Wall<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

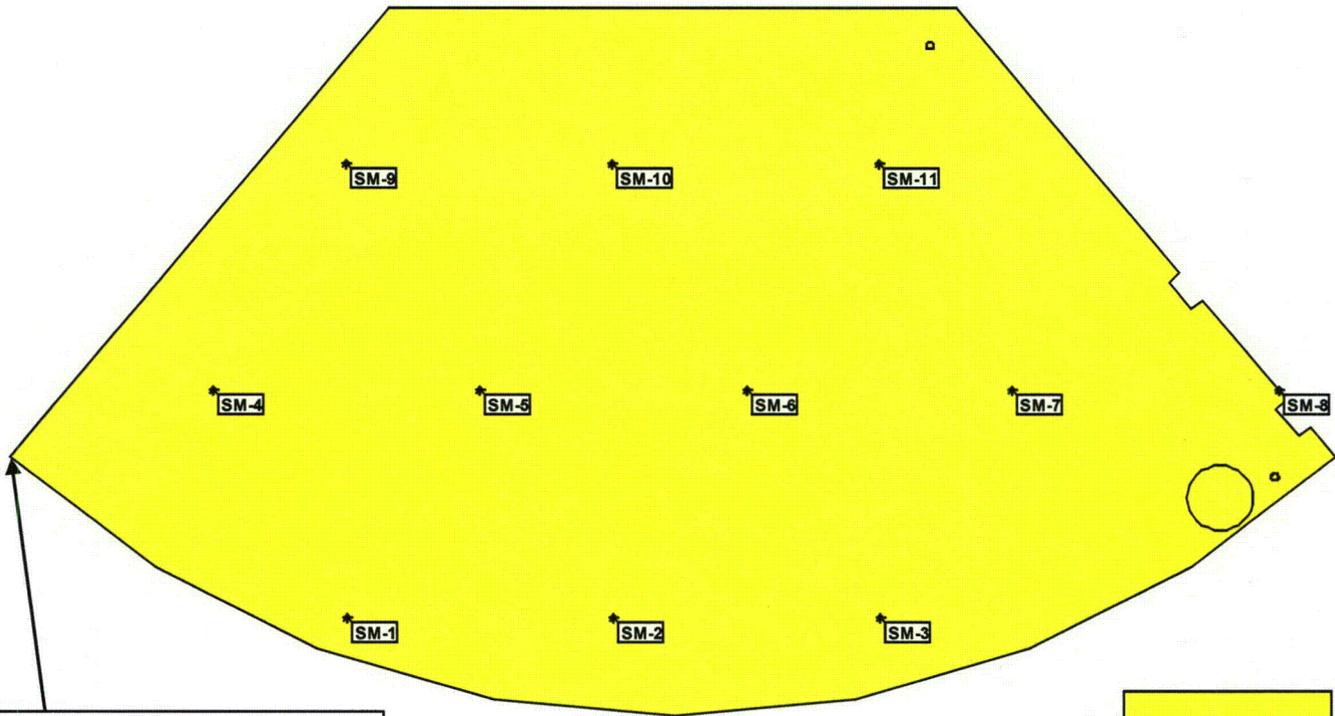
Survey Unit CV-3-36  
 Quad D - East Wall and Reactor Wall



| CV-3-36<br>AREA: CV Quad D – East Wall and Reactor Wall<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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

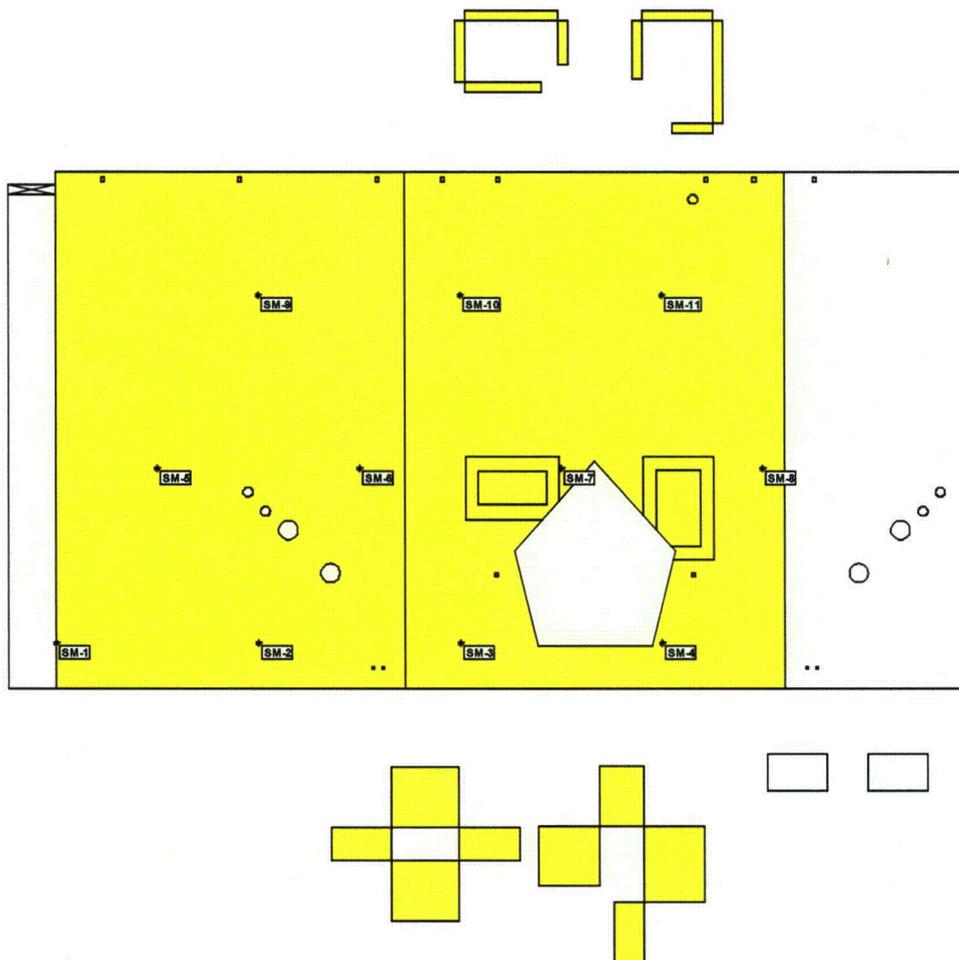


Measure samples from this point.

| CV-3-37<br>AREA: CV Quad B – Floor<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

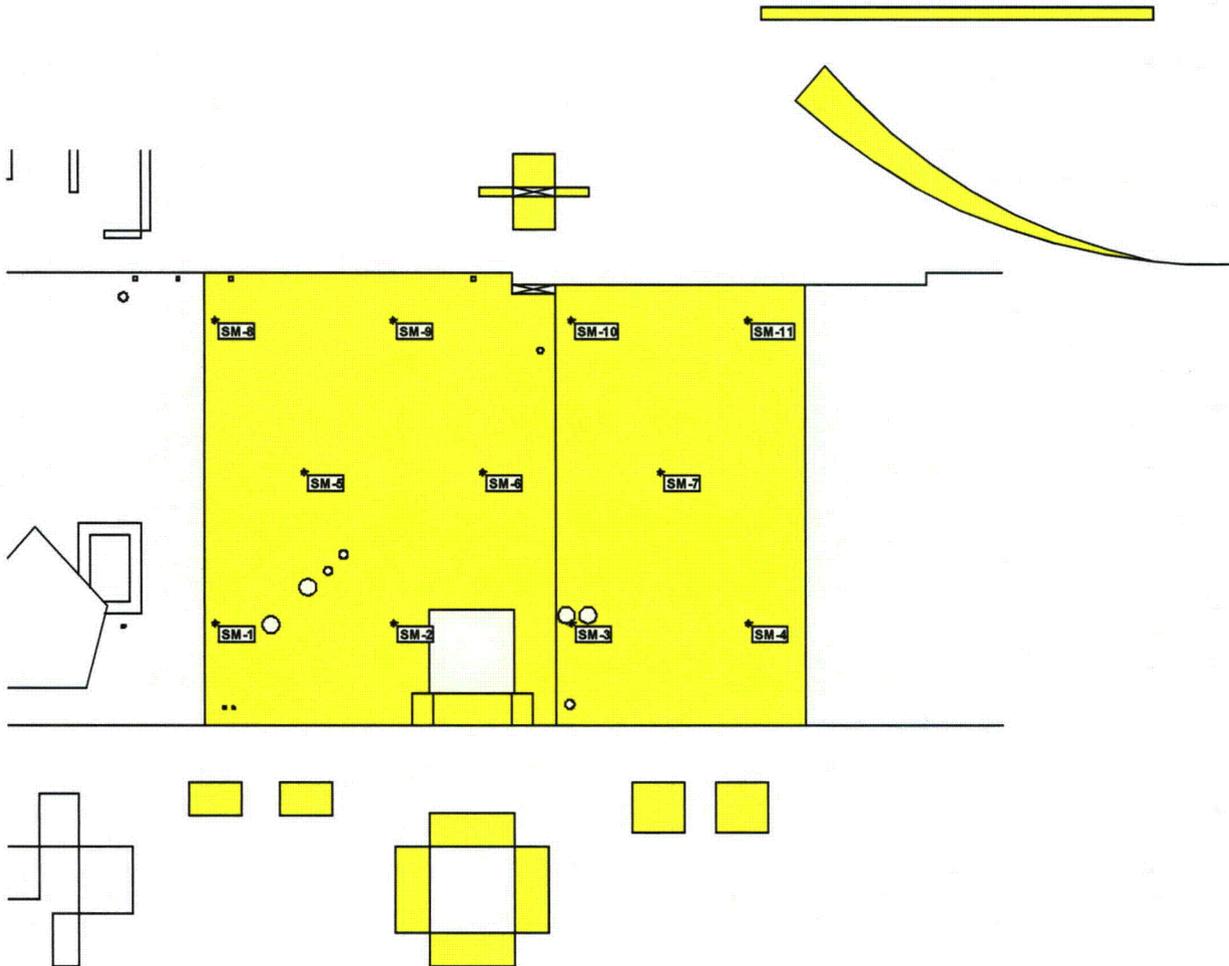
Survey Unit CV-3-38  
 Quad B – West and North Walls -



| CV-3-38<br>AREA: CV Quad B – West and North Walls<br>Measurement Locations and results |              |                                      |      |            |       |
|--|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

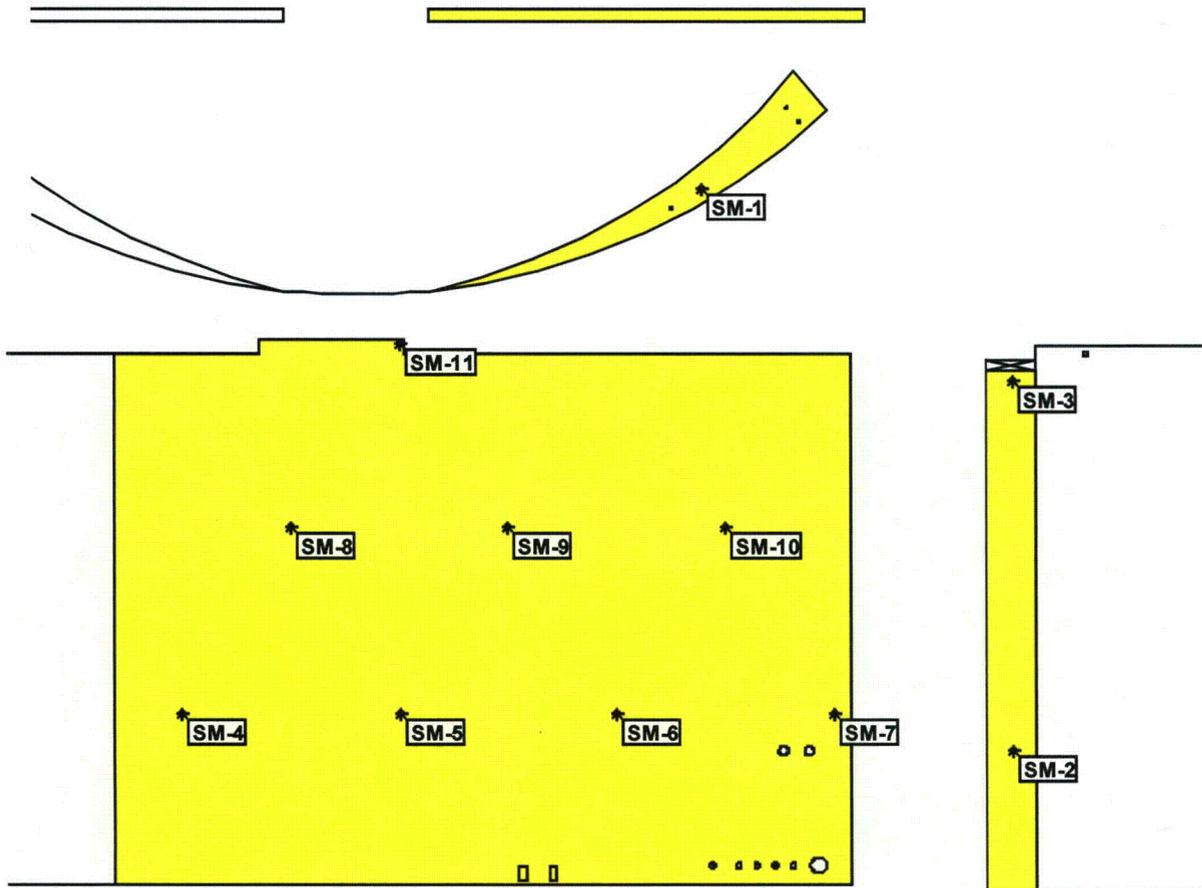
Survey Unit CV-3-39  
 Quad B – East Wall and East 4.5m of South Wall -



| CV-3-39<br>AREA: CV Quad B – East Wall and East 4.5m of South Wall<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

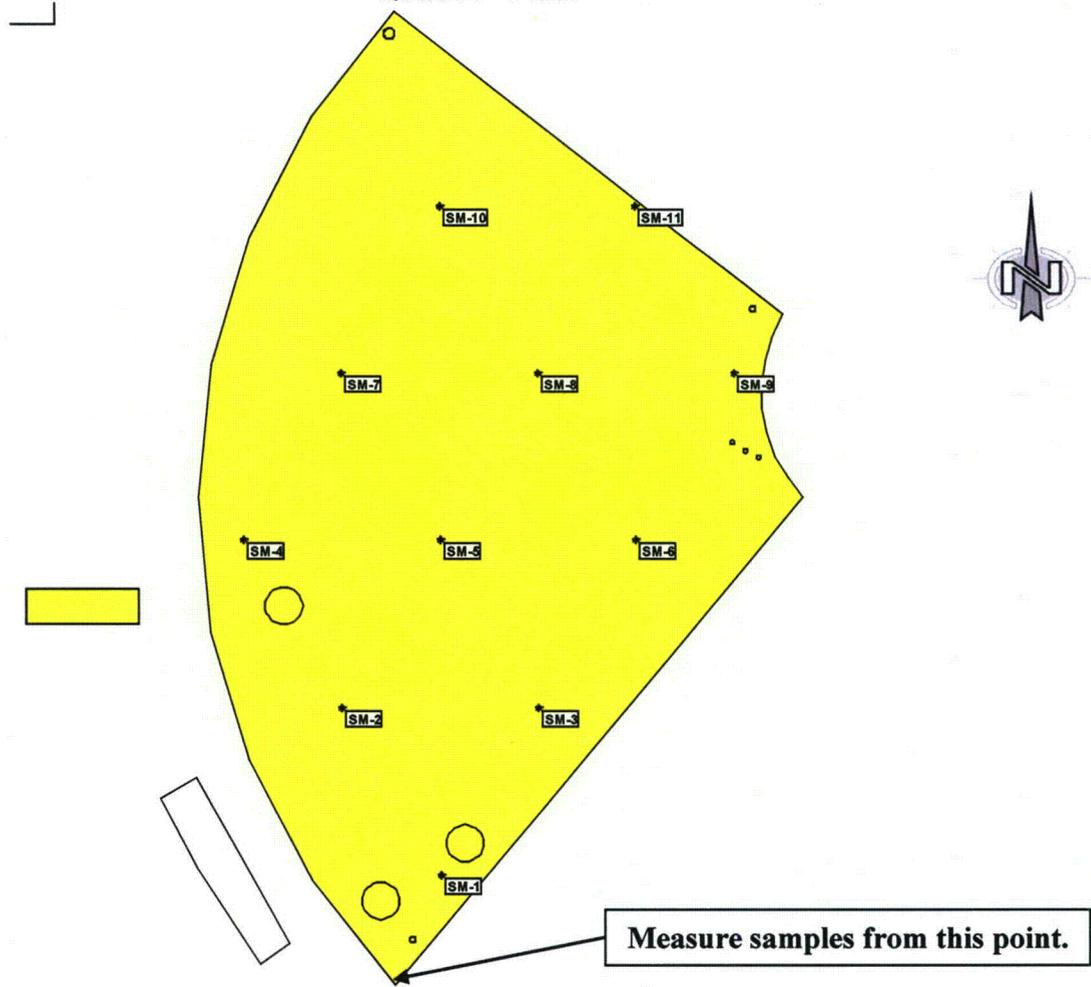
Survey Unit CV-3-40  
 Quad B - South Wall



| CV-3-40<br>AREA: CV Quad B – South Wall<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

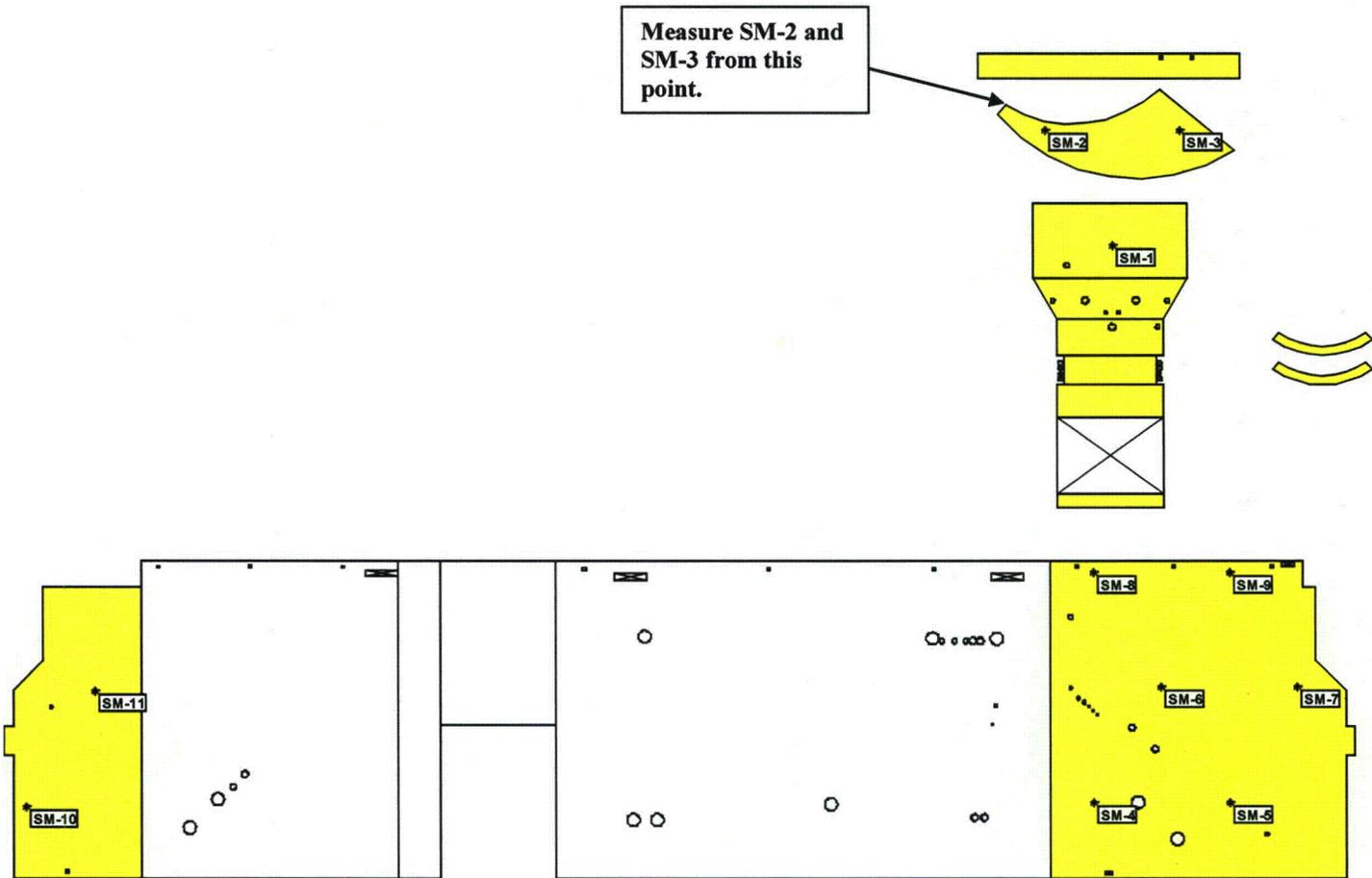
Survey Unit CV-3-41  
Quad A - Floor



| CV-3-41<br>AREA: CV Quad A – Floor<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

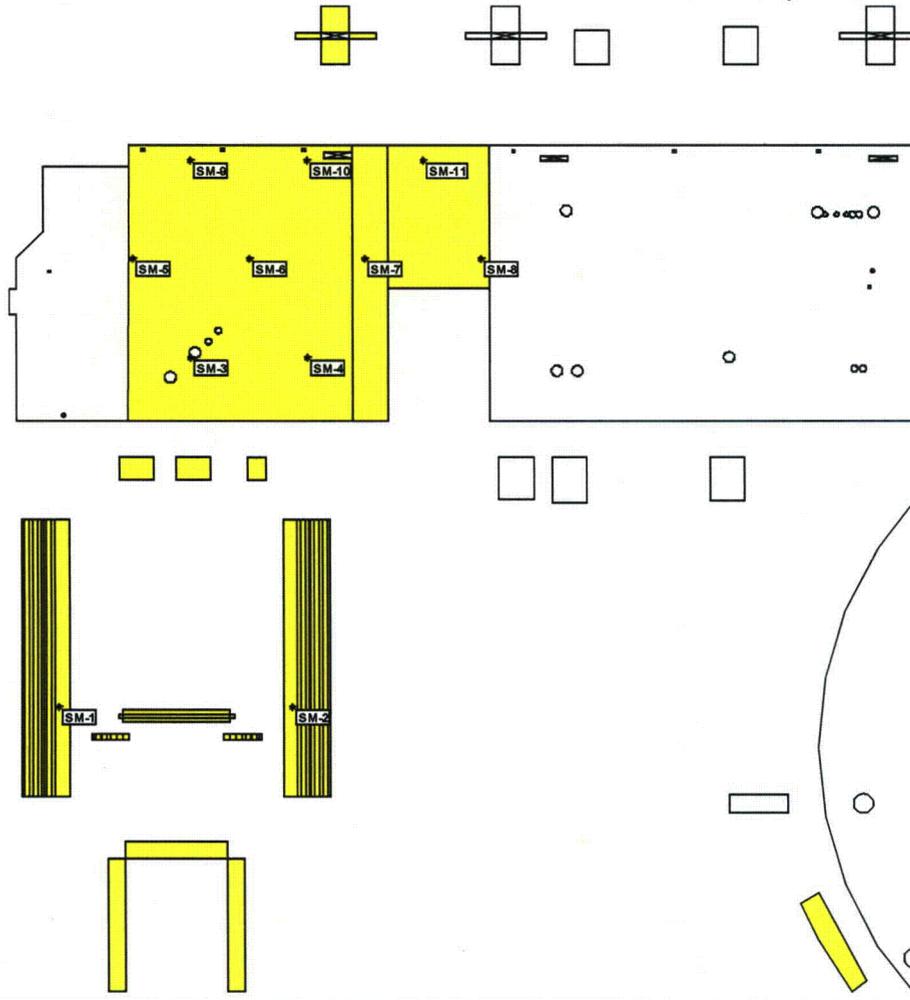
Survey Unit CV-3-42  
 Quad A - North Wall, Reactor Wall, & East 3m of South Wall



| CV-3-42<br>AREA: CV Quad A – North Wall, Reactor Wall and East 3m of South Wall<br>Measurement Locations and results |              |                                      |     |            |       |
|--|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

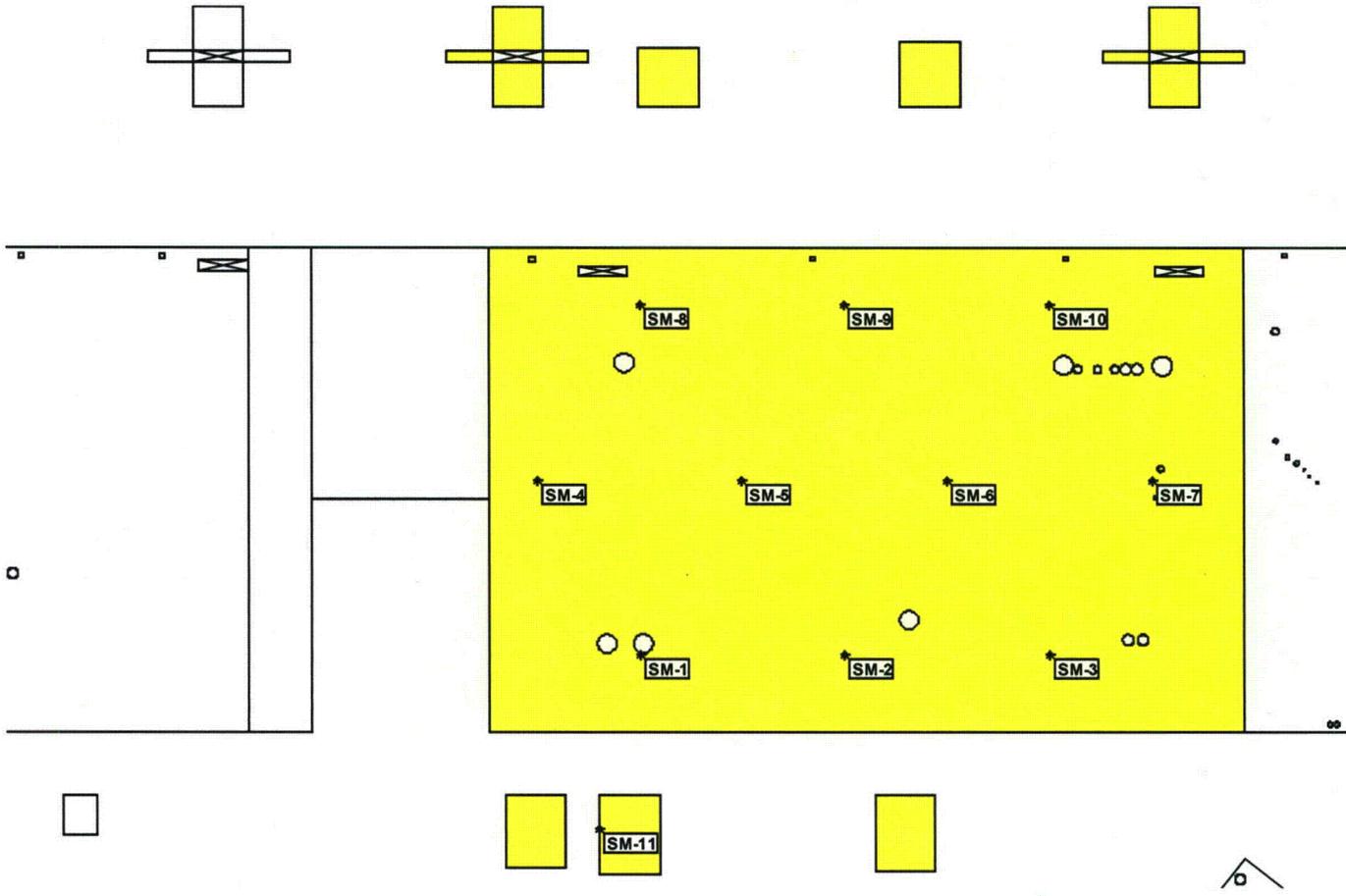
Survey Unit CV-3-43  
 Quad A - South Wall & Canal E Doorway



| CV-3-43<br>AREA: CV Quad A – South Wall and Canal E Doorway<br>Measurement Locations and results |              |                                      |      |            |       |
|--|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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.

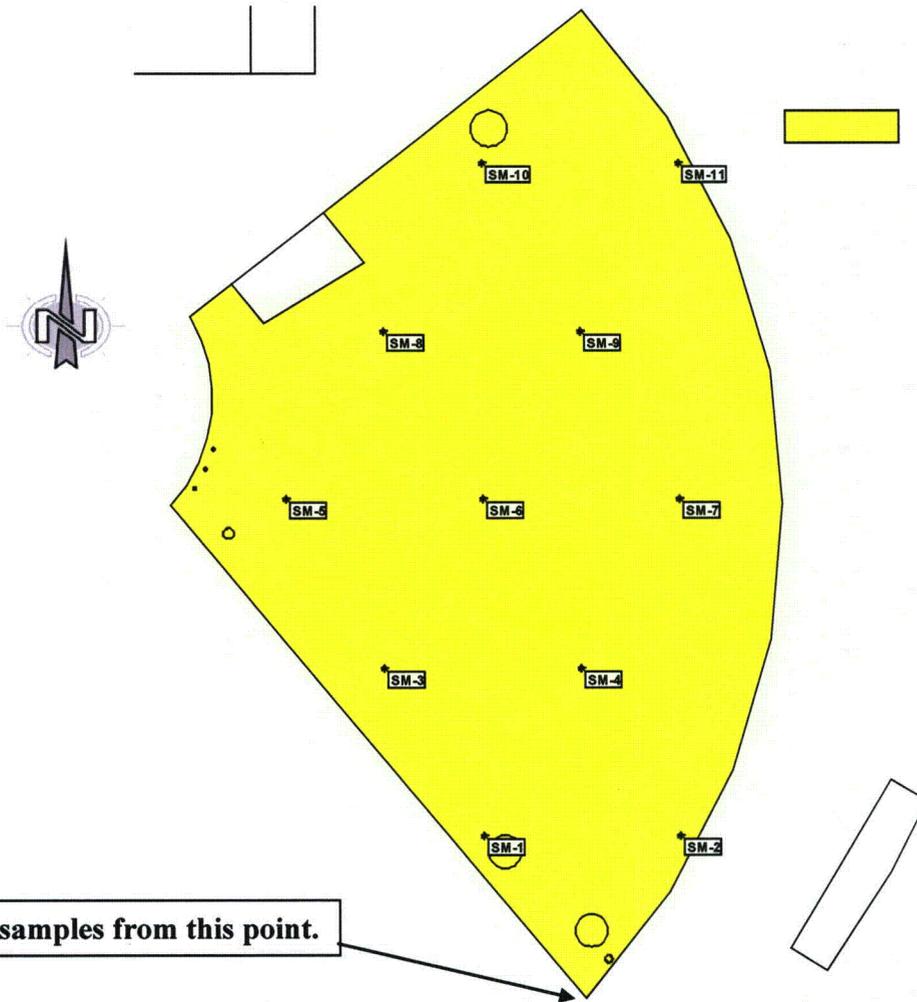
Survey Unit CV-3-44  
 Quad A - West Wall



| CV-3-44<br>AREA: CV Quad A – West Wall<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

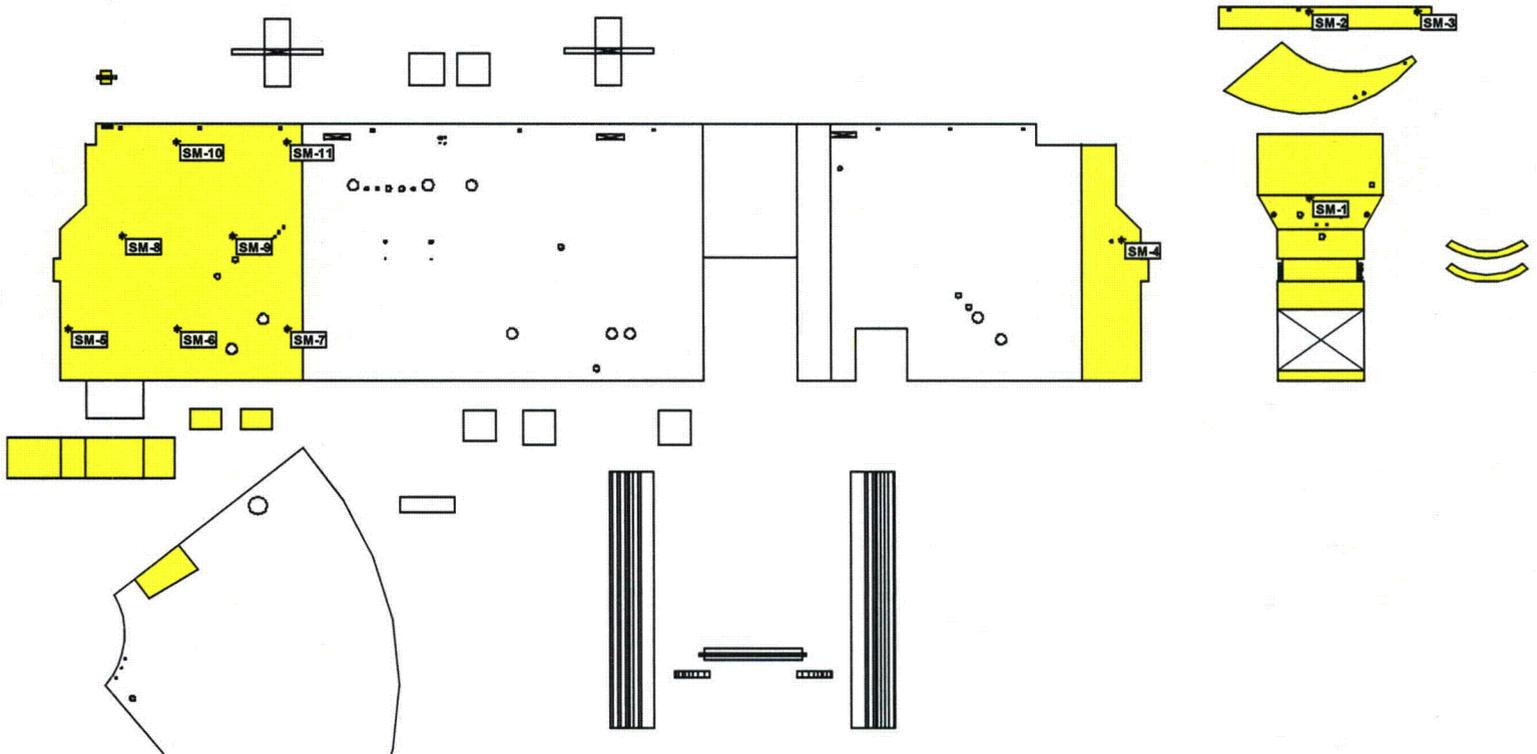
Survey Unit CV-3-45  
 Quad C - Floor



| CV-3-45<br>AREA: CV Quad C – Floor<br>Measurement Locations and results |              |                                      |     |            |       |
|---|--------------|--------------------------------------|-----|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |     | 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.

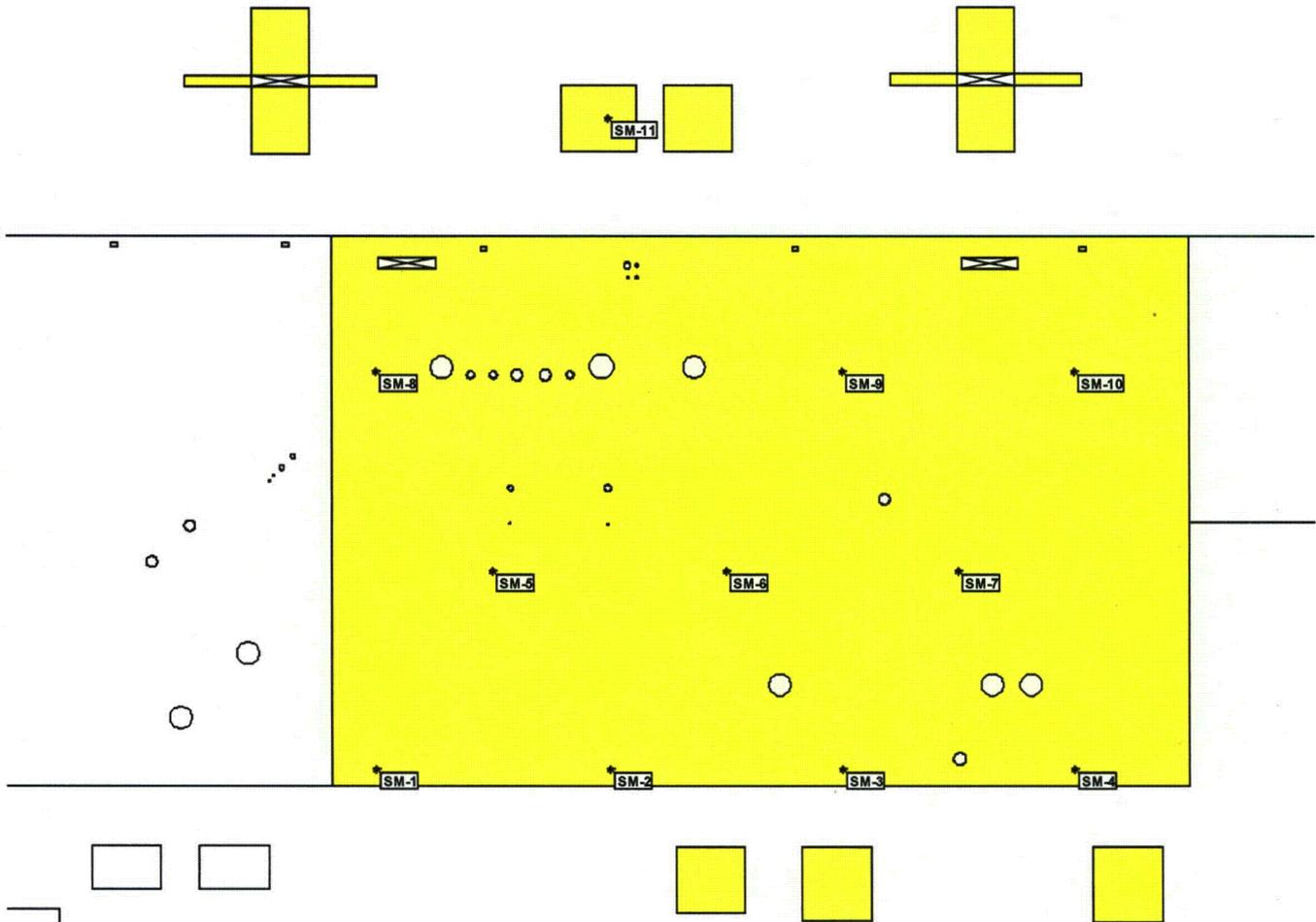
Survey Unit CV-3-46  
 Quad C - North Wall, Rx Wall, & West Section of South Wall



| 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 <sup>2</sup> |      | 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.

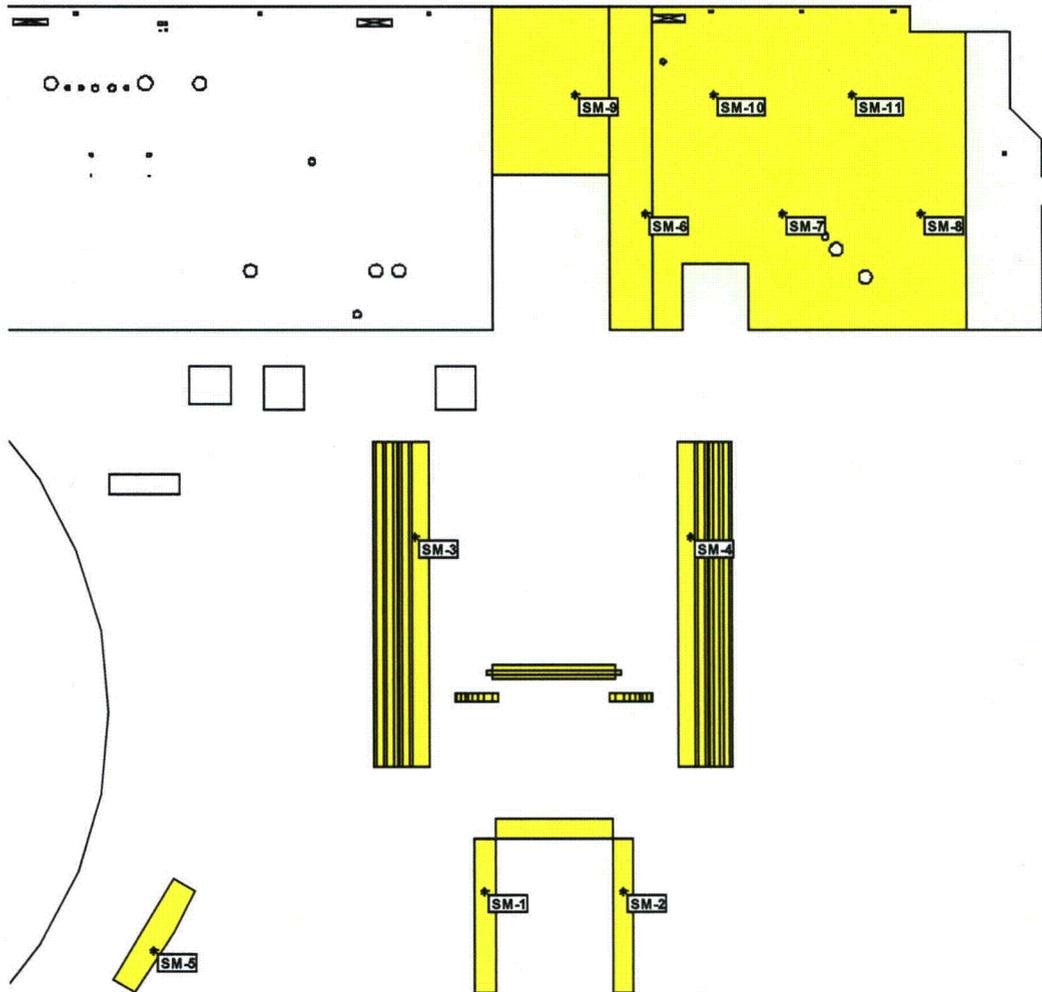
Survey Unit CV-3-47  
 Quad C - East Wall



| CV-3-47<br>AREA: CV Quad C – East Wall<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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<br>AREA: CV Quad C – South Wall and Canal E Doorway<br>Measurement Locations and results |              |            |                        |            |       |
|--|--------------|------------|------------------------|------------|-------|
| X Co-ord (m)   | Y Co-ord (m) | Location / | dpm/100cm <sup>2</sup> | 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.

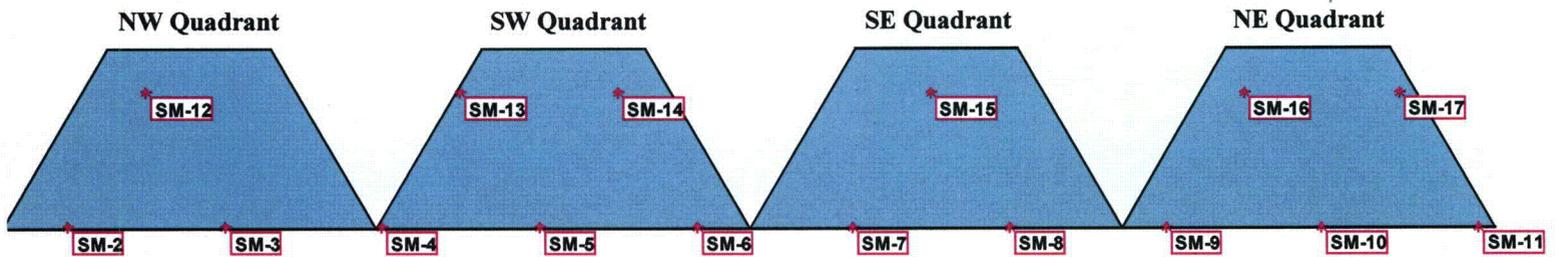
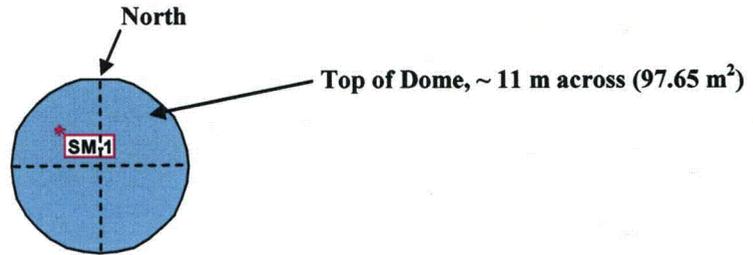
Survey Unit CV-4-1  
 CV Dome Exterior - 26'10" to 32'10"



| CV-4-1<br>AREA: CV Dome Exterior<br>Measurement Locations and results |              |                                      |      |            |       |
|---|--------------|--------------------------------------|------|------------|-------|
| X Co-ord (m)  | Y Co-ord (m) | Location /<br>dpm/100cm <sup>2</sup> |      | 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 m<sup>2</sup>.

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

| <b>CV-4-2</b>                            |                     |   |               |             |              |
|--|---------------------|---|---------------|-------------|--------------|
| <b>AREA: CV Dome Exterior</b>            |                     |   |               |             |              |
| <b>Measurement Locations and results</b> |                     |   |               |             |              |
| <b>X Co-ord (m)</b>                      | <b>Y Co-ord (m)</b> | <b>Location /<br/>dpm/100cm<sup>2</sup></b> |               | <b>Type</b> | <b>Notes</b> |
| 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                                       | <b>Note 1</b> | Systematic  | N/A          |
| 2.5                                      | 8.7                 | SM-16                                       | 134           | Systematic  | N/A          |
| 12.5                                     | 8.7                 | SM-17                                       | 669           | Systematic  | N/A          |

\* 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.

**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