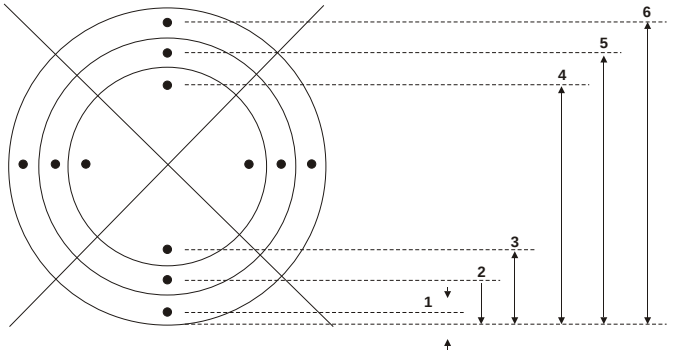
Location of Sampling Points

Circular Stack

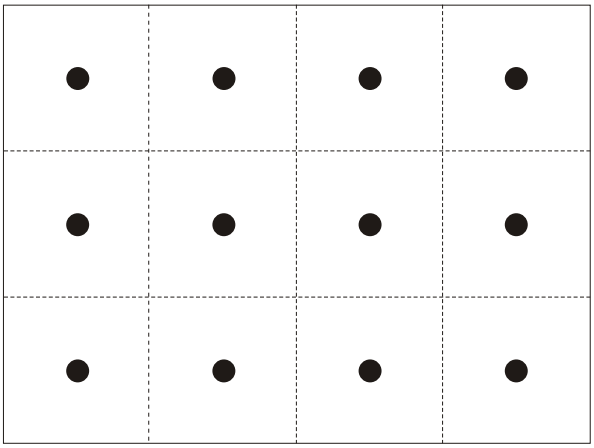
Traverse Point	Distance % of diameter
1	4.4
2	14.7
3	29.5
4	70.5
5	85.3
6	95.6



Location of Traverse Points in Circular Stacks						
Traverse Point Number	(Fraction of Stack Diameter from Inside Wall to Traverse Point)					
	Number of Traverse Points on a Diameter					
	2	4	**6**	8	**10**	12
1	**.146**	.067	**.044**	.032	**.026**	.021
2	**.854**	.250	**.146**	.105	**.082**	.067
3		.750	**.296**	.194	**.146**	.118
4		.933	**.704**	.323	**.226**	.177
5			**.854**	.677	**.342**	.250
6			**.956**	.806	**.658**	.356
7				.895	**.774**	.644
8				.968	**.854**	.750
9					**.918**	.823
10					**.974**	.882
11						.933
12						.979

Rectangular Stack

Number of traverse points	Matrix Layout
9	3 x 3
12	4 x 3
16	4 x 4
20	5 x 4
25	5 x 5
30	6 x 5
36	6 x 6
42	7 x 6
49	7 x 7



Location of Traverse Points in Rectangular Stacks											
Traverse Point Number	(Fraction of Stack Dimension from Inside Wall to Traverse Point)										
	Number of Traverse Points Across the Stack										
	2	3	**4**	5	**6**	7	**8**	9	**10**	11	**12**
1	**.250**	.167	**.125**	.100	**.083**	.071	**.063**	.056	**.050**	.045	**.042**
2	**.750**	.500	**.375**	.300	**.250**	.214	**.188**	.167	**.150**	.136	**.125**
3		.833	**.625**	.500	**.417**	.357	**.313**	.278	**.250**	.227	**.208**
4			**.875**	.700	**.583**	.500	**.438**	.389	**.350**	.318	**.292**
5				.900	**.750**	.643	**.563**	.500	**.450**	.409	**.375**
6					**.917**	.786	**.688**	.611	**.550**	.500	**.458**
7						.929	**.813**	.722	**.650**	.591	**.542**
8							**.938**	.833	**.750**	.682	**.625**
9								.944	**.850**	.773	**.708**
10									**.950**	.864	**.792**
11										.955	**.875**
12											**.958**