

Beta Activity in Soils Collected at Rongelap Island
August 1958, Counted with Anton Tube. Self Absorp-
tion and Geometry Corrections Based on K⁴⁰.

*Note: This tabulation is only for those
samples collected at smaller than one inch increments.*

<u>Pit No.</u>	<u>1</u>		<u>2</u>		<u>8</u>		
Depth in inches	d/m/g dry	Per cent	d/m/g dry	Per cent	d/m/g dry	Per cent	
0-1/4	3971	43	4750	37.7	1558	56.5	
1/4-1/2	2736	29.5	4712	37.4	399	14.5	
1/2-3/4	1710	18.5	1710	13.6	361	13.1	
3/4-1	532	6	855	6.7	266	9.7	
1-H/4	285	3	570	5.6	171	6.2	
	<u>22</u>		<u>22 Dup.</u>		<u>23</u>		
0-1/4	4427	53	6042	41	8759	52.4	
1/4-1/2	1900	22.7	3971	27	4142	24.8	
1/2-3/4	950	11.5	2033	13.8	2793	16.7	
3/4-1	608	7.3	1862	12.6			
1-H/4	456	5.5	817	5.5	1026	6	
	<u>26</u>		<u>29</u>		<u>29 Dup.</u>		
0-1/4	1634	50.8	0-1	931	22	760	23
1/4-1/2	741	23	1-2	760	18	779	23.7
1/2-3/4	361	11	2-3	608	14.5	627	19
3/4-1	304	9.5	3-4	741	17.6	570	17.3
1-H/4	171	5.3	4-5	1159	27.6	551	16.7
	<u>Site XI</u>		<u>Composite</u>				
0-1/4	2888	31.6	1577				
1/4-1/2	2622	28.6					
1/2-3/4	1520	16.6					
3/4-1	1198	13					
1-H/4	931	10					

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Beta Activity in Soils Collected at Kabelle Island
 August 1958 Counted with Anton Tube. Self Absorption
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<u>Pit No.</u>	<u>4</u>		<u>5</u>		<u>6</u>			
Depth in inches	d/m/g dry	Per cent	d/m/g dry	Per cent	d/m/g dry	Per cent		
0-1/4	11343	9.9	0-1/8	5377	14.3	0-1/4	21793	32
1/4-3/8	15789	13.7	1/8-1/4	7182	19.2	1/4-1/2	32452	47.5
3/8-1/2	23750	20.6	1/4-3/8	8892	23.8	1/2-3/4	11951	17.5
1/2-5/8	30571	26.5	3/8-1/2	8759	23.5	3/4-1	2014	3
5/8-3/4	16315	14.6	1/2-5/8	7049	19.8			
3/4-7/8	12122	10.5						
7/8-1	4750	4.1						
	<u>12</u>			<u>Composite</u>				
0-1/4	9462	8.2		9367				
1/4-1/2	16948	14.6						
1/2-3/4	35549	30.6						
3/4-1	38475	33.1						
1-1-1/4	15694	13.5						

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Beta Activity in Soils Collected at Eniaetok Island
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tion and Geometry Corrections Based on K⁴⁰.

<u>Pit No.</u>	<u>27</u>	<u>Composite</u>	
Depth in inches	d/m/g dry	Per cent	d/m/g dry
0-1/4	4997	41.7	2679
1/4-1/2	4788	40	
1/2-3/4	2204	18.3	

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