

SOILS

Beta-Activity in Soils Collected at Rongelap Island February-March, 1958*

404894

Plot No.	1		2		3	
Depth in inches	d/m/g dry	Per cent	d/m/g dry	Per cent	d/m/g dry	Per cent
					0-1/2 7290±280	92.0
0-1	1760± 72	96.5	1700±70	80.7	454± 22	5.7
1-2	32± 6	1.8	103±24	4.9	135± 27	1.7
2-3	32± 17	1.8	175±32	8.3	48± 18	.6
3-4	Bg -		95±24	4.5	Bg	
4-5	" -		32±17	1.5	Bg	
5-6	" -		Bg -		"	
6-7	" -		" -		"	
7-8	" -		" -		"	
8-9	" -		" -		"	
	<u>8</u>		<u>17</u>		<u>18</u>	
0-1	1160±104	92.4	1410±60	91.2	2410± 96	87.6
1-2	64± 15	5.1	56±10	3.6	207± 25	7.5
2-3	32± 13	2.5	24± 8	1.6	64± 14	2.3
3-4	Bg		24± 8	1.6	40± 13	1.5
4-5	"		16± 7	.1	32± 17	1.2
5-6	"		16± 7	.1	Bg	
6-7	"		Bg		"	
7-8	"		"		"	
	<u>19</u>		<u>20</u>			
0-1	1720± 72	80.1	1720±72	80.7		
1-2	223± 26	10.4	199±17	9.3		
2-3	64± 14	3.0	80±10	3.8		
3-4	80± 15	3.7	48± 8	2.3		
4-5	24± 11	1.1	32± 8	1.5		
5-6	Bg		16± 7	.8		
6-7	32± 15	1.5	24± 7	1.1		
7-8	Bg		16± 7	.8		

*Determinations made with an Anton end-window tube. Corrections for counting efficiency and self absorption based on K⁴⁰. Errors given are 0.95 counting error.

DOE ARCHIVES

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-ENIAETOK-
Gross Beta Activity

PLOT NO.	9			10			11		
	Depth in inches	d/m/gr dry	per cent	d/m/gr dry	per cent	d/m/gr dry	per cent		
0-1	2300	±96	67.8	2890	±80	87.5	4450	±176	93.3
	119	±10	3.5	191	±25	5.8	175	±16	3.7
	366	±37	10.8	143	±21	4.3	32	±9	.7
	80	±16	2.4	40	±13	1.2	40	±9	.8
	56	±14	1.7	Bg			24	±8	.5
	358	±37	10.6	40	±13	1.2	24	±8	.5
	111	±18	3.3	Bg			24	±8	.5
	Bg								