

Sr^{90} in soil samples collected at Kabelle Island, Rongelap Atoll, March 1958

Sample No.	Depth Increment	d/m/g ⁽¹⁾ Dry Total β (4)	d/m/g ⁽¹⁾ Dry Sr^{90}	Strontium Units	mg/g ^{(2) (3)} Dry Calcium
4 a	0"-1"	8660 \pm 344	974 \pm 39	1947	227 \pm 0
4 b	1"-2"	788 \pm 34	211 \pm 11	304	315 \pm 2
4 c	2"-3"	517 \pm 25	98 \pm 5	130	342 \pm 5
4 d	3"-4"	517 \pm 26	199 \pm 10	262	345 \pm 5
4 e	4"-5"	247 \pm 40	85 \pm 5	88	335 \pm 5
4 f	5"-6"	255 \pm 40	65 \pm 4	62	333 \pm 3
4 g	6"-7"	167 \pm 31	26 \pm 2	35	338 \pm 1

3 grams dried soil were used for each sample

(1) Errors given for d/m values are calculated from counting error.

(2) Errors given for calcium values are half the difference between duplicate results.

(3) Calcium values are for total calcium in soil.

(4) Correction factors based on K^{40}

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