

Radiostrontium and total calcium analyses of plant and soil samples, Rongelap Atoll, July 1957
 (Values given are as of the date of analysis, September 1957)

Sample	Island	Total activity per gram str ⁹⁰	Total calcium per gram
	(grams)	(d/m)	wet
Messerschmidia leaves	Rongelap	73	36
Sceevole leaves	Rongelap	41	65
Sceevole leaves	Kabellie	46	53

Sample	Island	Total activity per gram str ⁹⁰	Total calcium per gram
	(grams)	(d/m)	wet

Sample	Island	Total activity per gram str ⁹⁰	Total calcium per gram
	(grams)	(d/m)	dried
soil *	Rongelap	2.44	2,700
soil *	Kabellie	2.44	37,000

* Random sample of soil above high tide line taken from the top inch.