

EXCELERITE

Radiation Readings

This is the label showing the analysis of the EXCELERITE™. You note that there are a lot of minerals, all naturally occurring in montmorillonite clay. Measurements are in mR/hr. So, a reading of .010 mR/hr is equivalent to .1 mSv or 1 µSv. "Normal" background radiation levels are 0.23µSv/hr (worldwide) and estimated to be somewhat higher in the U.S. Obviously, the levels vary from place to place, but the measurements made here are well below normal.

Background readings, without anything on the test table were:

On Table Directly:

.006-.015 (7 readings with back cover closed)

.005-.013 (6 readings with cover open)

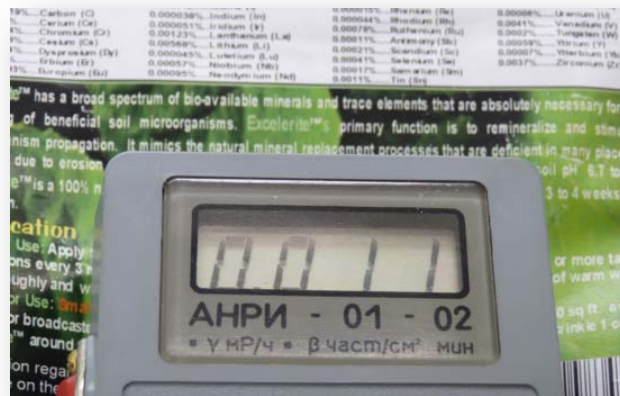
On Tray on Table:

.010-.013 (7 readings with back cover closed)

.005-.015 (6 readings with cover open)



.010-.013 (7 rNow that the geiger counter and testing methods are becoming familiar, only the first image will be full size and the additional readings taken in the same manner will be miniaturized. It is completely normal that the readings vary somewhat since the Geiger-Müller tubes only register a counter when bombarded by radiation. Readings with back cover closed).005-.015 (6 readings with cover open).





So, five measurements were taken. The readings ranged from .011 to .015 and averaged around .013+.



Now some rock dust has been placed in the testing tray. It will be tested with the back cover in place and again with the back cover open (alpha measurements).

Cover Closed

- .012
- .006
- .003
- .008
- .011

Cover Opened

- .010
- .005
- .011
- .016
- .015
- .010



Next, a sample of soil from a raised bed that is fully exposed to the elements has been placed in the testing tray.

Cover Closed

- .010
- .008
- .006

Cover Opened

- .013
- .008
- .011
- .008
- .010

Four -Hour Test



Empty Box



Box filled with Excelerite™



Reading on Empty Box after four hours



Test with cover open on empty box



Four hour test results. Approximately one-third higher than the empty box