

Date a Rock

An Age-Dating Simulation

Rock samples each contain 128 atoms

Beanium → Cornium

Half Life (HL) = 100 million years

Sample	Sample	Be	Co	HL	Mil. Yrs.
J	A	128	0	0	0
K	B	64	64	1	100
L	C	32	96	2	200
M	D	16	112	3	300
N	E	8	120	4	400
O	F	4	124	5	500
P	G	2	126	6	600
Q	H	1	127	7	700
R	I	0	128	8	800

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O	F		124		
P	G		126		
Q	H		127		
R	I		128		

SOME FOSSILS:

Brachiopods

Ammonites

Stromatolites