

Rocks Older Than The Earth

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May 2012

How reliable is radiometric dating? We are repeatedly told that it proves the Earth to be billions of years old. If radiometric dating is reliable than it should not contradict the evolutionary model. According to the Big Bang theory the age of the Universe is 10 to 15 billion years.¹ Standard evolutionist publications give the age of the universe as 13.75 Billion years.^{2,3}

Standard evolutionist geology views the Earth as being 4.5 billion years old. Here are some quotes from popular text: “The age of the Earth is 4.54 ± 0.05 billion years.”⁴ “The Solar System, formed between 4.53 and 4.58 billion years ago.”¹ “The age of 4.54 billion years found for the Solar System and Earth.”¹ “A valid age for the Earth of 4.55 billion years.”^{5,6}

Evolutionists give the age of the galaxy as “11 to 13 billion years for the age of the Milky Way Galaxy.”^{1,7} Let us remember this as we look at the following dating as given in secular science journals.

Broken Hill, New South Wales

These rocks were dated⁸ in 1981 using the $^{40}\text{Ar} / ^{39}\text{Ar}$ dating method. According to the dates obtained, many of the rocks are older than the Earth and Solar System. Some of the rocks are as old as the galaxy itself. The author of the article comments:

“It has been argued already that the high initial ages in the release patterns of both hornblende and plagioclase can be translated into a concentration of excess ^{40}Ar . Concentrations for those samples analysed by the $^{40}\text{Ar} / ^{39}\text{Ar}$ spectrum method are given in Table 5, and can be used to estimate the partition coefficient of Ar between hornblende and plagioclase.”⁹

“Excess ^{40}Ar was incorporated into minerals during the 520-Ma event at a temperature of about 350°C .”¹⁰

There is no way of proving this assumption. It is just an excuse for such ridiculous ages of geological system that supposedly formed between 1,600 and 500 million years ago.¹¹ The data in tables 1 to 6 shows ages¹² greater than the age of the Solar System.

Table 1

Temperature	Age	Age
40Ar/39Ar	Million Years	Category
Plagioclase		
700	7,473	Older Than Solar System
650	5,753	Older Than Solar System
B80	6,185	Older Than Solar System
1230	5,244	Older Than Solar System
1250	5,191	Older Than Solar System
FUSE	5,721	Older Than Solar System
Hornblende		
470	5,050	Older Than Solar System
530	4,802	Older Than Earth

Ages from 4,802 to 7,473 million years old.

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Table 2

Temperature	Age	Age
40Ar/39Ar	Million Years	Category
Plagioclase		
TF	5,170	Older Than Solar System
350	6,931	Older Than Solar System
430	7,015	Older Than Solar System
490	6,611	Older Than Solar System
540	6,167	Older Than Solar System
590	5,050	Older Than Solar System
1060	4,637	Older Than Earth
1080	4,929	Older Than Earth
1100	5,171	Older Than Solar System
1200	6,037	Older Than Solar System
FUSE	7,010	Older Than Solar System

Ages from 4,637 to 7,015 million years old.

Table 3

Temperature	Age	Age
40Ar/39Ar	Million Years	Category
Clinopyroxene		
1040	4,704	Older Than Earth
1090	4,970	Older Than Earth
1070	4,989	Older Than Earth
1120	4,767	Older Than Earth
FUSE	5,373	Older Than Solar System

Ages from 4,704 to 5,373 million years old.

Table 4

Temperature	Age	Age
40Ar/39Ar	Million Years	Category
Plagioclase		
TF	6,730	Older Than Solar System
350	7,317	Older Than Solar System
440	5,055	Older Than Solar System
520	4,861	Older Than Earth
580	5,075	Older Than Solar System
650	4,973	Older Than Earth
930	5,409	Older Than Solar System
970	6,795	Older Than Solar System
1000	7,587	Older Than Solar System
1030	6,960	Older Than Solar System
1060	6,799	Older Than Solar System
1070	6,511	Older Than Solar System
1090	7,257	Older Than Solar System
1140	7,823	Older Than Solar System
1170	7,666	Older Than Solar System
1300	9,588	Older Than Solar System
1380	8,432	Older Than Solar System
FUSE	7,234	Older Than Solar System

Ages from 4,861 to 9,588 million years old.

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Table 5

Temperature	Age	Age
40Ar/39Ar	Million Years	Category
Plagioclase		
710	7,653	Older Than Solar System
770	6,484	Older Than Solar System
800	7,367	Older Than Solar System
820	6,709	Older Than Solar System
Hornblende		
550	5,068	Older Than Solar System
620	4,777	Older Than Earth

Ages from 4,777 to 7,653 million years old.

Table 6

Temperature	Age	Age
40Ar/39Ar	Million Years	Category
Plagioclase		
360	5,748	Older Than Solar System
550	5,459	Older Than Solar System
840	5,998	Older Than Solar System
Hornblende		
960	9,681	Older Than Solar System
960	9,582	Older Than Solar System
990	9,852	Older Than Solar System
Muscovite		
560	9,521	Older Than Solar System

Ages from 5,459 to 9,852 million years old.

The data in table 7 shows ¹³ ages older than the Earth and Solar System.

Table 7

Sample	Mineral	Age
Number	Type	Million Years
79-173	Plagioclase	5,800
79-173	Hornblende	5,300
79-459	Hornblende	5,500
79-459	Plagioclase	7,000
79-461	Hornblende	5,500
79-461	Plagioclase	7,300

Ages from 5,300 to 7,300 million years old.

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Ages In The Allende Meteorite

This dating was done in 1983¹⁴ and gave ages between 2,990 and 8,880 million years old.¹⁵ The author discusses the problem and proposed solutions:

“The existence in the Allende meteorite of coarse-grained Ca-Al-rich inclusions (CAI) with ⁴⁰Ar/³⁹Ar apparent ages exceeding the age of the solar system was reported by Jessberger and Dominik [1] and Jessberger et al. [2] and confirmed by Herzog et al. [3].”¹⁶

Table 8

Sample	Age A	Error A	Age B	Error B
Name	Million Years	Million Years	Million Years	Million Years
<i>EGG 1</i>				
700	5,070	40		
1000	5,190	50		
1200	4,730	50		
1650	4,570	50		
Total	4,860	50	4,800	100
<i>EGG 2</i>				
700	7,370	420		
1000	4,670	320		
1200	3,430	460		
1650	4,510	240		
Total	4,470	200	4,470	200
<i>EGG 3</i>				
700	8,880	120		
1000	6,450	90		
1200	2,990	230		
1650	5,660	270		
Total	5,930	120	5,020	120

Ages from 2,990 to 8,880 million years old.

Below [Table 9] we can see some more dating¹⁷ that was done on the same meteorite by Herzog in 1980. He give three possible reasons¹⁸ why the dates are in such conflict with the standard evolutionary model:

1

“The coarse-grained Ca-Al-rich inclusions are really older than 4.6 G.y., associated with in situ decay of K in pre-solar dust.”

2

“The excess Argon 40 and Argon 36 could be due to atmospheric contamination.”

3

“The excess 40 and the trapped 36 may have come from the degassing of matrix and/or rim material sometime in the interval 3.6 - 4.1 G.y. ago.”

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Table 9

Mineral	Age	Error
System	Million Years	Million Years
Vein	8,500	700
Spinel	6,900	800
Vein	5,250	140
Spinel	6,400	500
Bulk	5,120	20
Bulk	5,100	100
01. Skel.	6,290	10

Ages from 5,100 to 8,500 million years old.

U-Th-Pb, Sm-Nd And Rb-Sr Model Ages

Below we can see some more dating ¹⁹ that was done on some Moon rocks by Oberli in 1978. Oberli states ²⁰ that the U-Th-Pb data is concordant but the Neodymium dates are uncertain. Again it is just an arbitrary choice he makes as to which date is certain and which date is not.

Table 10

Sample	Pb-206/Pb-207	Pb-206/U-238	Pb-208/Th-232	Nd-143/Nd-144	Rb-87/Sr-86
Number	Million Years				
66075, 11D	5,371	7,794	8,280		
66075, 11	5,358	7,740	8,375	4,530	4,240

Ages from 4,240 to 8,375 million years old.

Gerontology Of The Allende Meteorite

This article appeared ²¹ in Nature magazine in 1979. Jessberger admits that the wildly discordant ages cannot be due to normal processes:

“In the Allende meteorite several elements are found to have an isotopic composition that cannot be due to radioactive or spallation or fractionation processes.” ²²

“In the most widely accepted theory a supernova triggered the collapse of the solar nebula, and the anomalously high ages would be due to an enhanced 40K/39K isotopic ratio produced in the explosive carbon burning shell of the supernova? In another, controversial interpretation these ages could have chronological significance, as here the presolar grains are relicts from various old stellar nucleosynthetic and condensation processes unrelated to the formation of the Solar System.” ²²

He then quotes several ^{23, 24, 25} science journals for an explanation. He thinks the ages could be residue from an ancient supernova or contamination for pre galactic dust not related to the formation of the Solar System. Again, like Oberli his solution is totally unprovable. How would you test such a hypothesis? Some of the dates are older than the galaxy. How do we know that Earth rocks have not been contaminated in such a way? During the formation of the Solar System, the Earth might have absorbed such materials. His choice of “true” ages is just guess and not provable science.

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Table 9

Meteorite	Age	Error	Age	Error
Sample 17	Million Years	Million Years	Million Years	Million Years
500	7,680	80	4,960	420
580	5,830	80	4,600	160
660	5,350	40	4,970	60
740	5,090	20	4,970	40
820	5,080	40	4,990	60
890	5,210	40	5,210	40
950	4,970	60	4,970	60
1,010	4,970	30	4,970	30
1,070	5,340	40	5,340	40
1,130	5,540	20	5,430	40
1,200	6,210	100	5,250	240
1,280	5,190	190	1,460	1,480
1,380	7,200	590	2,670	5,650
Total	5,500	20	5,120	60

Ages from 1,460 to 7,680 million years old.

Table 10

Meteorite	Age	Error	Age	Error
Sample 18	Million Years	Million Years	Million Years	Million Years
450	11,010	60	4,520	2,240
580	8,060	140	4,470	500
670	7,500	40	4,970	160
750	6,310	30	4,900	90
830	5,370	20	5,130	60
900	4,960	40	4,960	40
970	4,900	40	4,900	40
1,040	4,890	40	4,890	40
1,110	4,900	30	4,900	30
1,190	4,820	20	4,820	20
1,300	5,370	100	5,370	100
Total	6,050	40	5,080	50

Ages from 4,470 to 11,010 million years old.

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Pre Cambrian Earth Rocks

This dating ²⁶ was done in 2005 at the Heidelberg University in Germany. The author comments on the cause for such absurd dates:

“The bulk $40\text{Ar}/36\text{Ar}$ ratio is more radiogenic than atmospheric composition, indicating—in addition to an atmospheric component—the presence of a slight but detectable contribution of an excess 40Ar component, i.e., 40Ar trapped from an external source, because it cannot be due to in situ decay of 40K . This circumstance is indicated by the very high apparent ages (up to 5 Ga) of the irradiated type I shungite (Appendix Table A1).” ²⁷

Below we can see some of the dates ²⁸ given in the article. Several dates are older than the theory of evolution allows:

Table 11

Sample	Age	Error
Temperature	Million	Million
Centigrade	Years	Years
820	4,964	239
850	4,916	114
880	5,269	120
910	5,804	123
940	5,425	109
970	4,843	114
1070	5,054	205

Ages from 4,843 to 5,804 million years old.

Mount Isa, Queensland

These rocks were dated in 2006 by Mark Kendrick ²⁹ from the University of Melbourne. The data in tables 12 to 17 shows ages ³⁰ of Earth rocks from 4,700 to 10,000 million years old.

Table 12

Sample	Million	Age
Eloise Mine	Years	Category
Cr-2	5,620	Older Than Solar System
Cr-3	5,511	Older Than Solar System
300	6,127	Older Than Solar System
1400	5,370	Older Than Solar System
Total	4,804	Older Than Earth

Ages from 4,804 to 5,620 million years old.

Table 13

Sample	Million	Age
Eloise Mine	Years	Category
250	6,442	Older Than Solar System
350	6,393	Older Than Solar System
450	4,931	Older Than Earth
1200	4,760	Older Than Earth
Total	4,777	Older Than Earth

Ages from 4,760 to 6,442 million years old.

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Table 14

Sample	Million	Age
Eloise Mine	Years	Category
200	7,412	Older Than Solar System
250	9,969	Older Than Galaxy
300	8,655	Older Than Solar System
350	5,871	Older Than Solar System
400	6,568	Older Than Solar System
450	6,060	Older Than Solar System
1200	5,201	Older Than Solar System
1300	4,805	Older Than Earth
1400	5,049	Older Than Solar System
Total	5,601	Older Than Solar System

Ages from 4,805 to 9,969 million years old.

Table 15

Sample	Million	Age
Osborne Mine	Years	Category
300	7,715	Older Than Solar System

Table 16

Sample	Million	Age
Railway Fault	Years	Category
200	5,176	Older Than Solar System
350	4,759	Older Than Earth

Table 17

Sample	Million	Age
Railway Fault	Years	Category
Cr	4,844	Older Than Earth
Cr	4,883	Older Than Earth
Cr	5,418	Older Than Solar System
Cr	5,238	Older Than Solar System

Ages from 4,844 to 5,418 million years old.

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Conclusion

Dalrymple states:

“Several events in the formation of the Solar System can be dated with considerable precision.”³¹

Looking at some of the dating it is obvious that precision is much lacking. He then goes on:

“Biblical chronologies are historically important, but their credibility began to erode in the eighteenth and nineteenth centuries when it became apparent to some that it would be more profitable to seek a realistic age for the Earth through observation of nature than through a literal interpretation of parables.”³²

The Bible believer who accepts the creation account literally has no problem with such unreliable dating methods. Much of the data in Dalrymple’s book is selectively taken to suit and ignores data to the contrary.

<http://creation.com/radiometric-dating-questions-and-answers>

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