

Dear contributors,

I regret to inform you that although the stones we sent for Cosmogenic dating analysis have had the work completed, the principal investigator and the lab manager refused to deliver the date to us. I expected a potential problem when it took extra time for the investigator to contact me. I will put his comments in his own words:

“David,

I read that  $^{14}\text{C}$  ages were obtained from the base layer of the Pumapunku complex. These  $^{14}\text{C}$  ages are of 1510 years BP. Then, why do you believe the megaliths could be older?

Since we do not know anything about the cosmogenic exposure in the quarry, I seriously doubt that the cosmogenic method is the most appropriate to date the building of the megaliths. There is a high risk of overestimate the true age. Thus I will only provide you MAXIMUM ages, the megalith building could be between 0 and this maximum age.

I am sorry, but I am not very open to your alternative theories of ancient and highly evolved civilizations. Thus, before I send you the ages, I want you to sign that you won't publish the data under my name or the name of the lab, CRPG. I propose that you mention that you analyzed the  $^3\text{He}$  and  $^4\text{He}$  concentrations yourself. And please don't forget to quote each time that all these ages are MAXIMUM. They do not exclude a megalith building younger than 2000 yrs.”

My Response:

“I agree to that. The ages cannot accurately define the Time of use, since the provenance of the stone is not defined. I was hoping for something at or below the dynastic Egyptian period. The study was done to develop a concept that will allow a more accurate dating of the sites with more complete experimental design. I must be very careful to not stimulate the "Ancient Aliens" folks. I do not hold to their doctrines, either.”

His reply after a significant delay:

“Dear David,

I have a bad news : the director of our lab, Raphaël Pik, does not want me to provide you the helium data. The reasons are :

- 1 - He does not want that our lab be associated to borderline science involving too exotic theories.
- 2 - The geomorphological characteristics of the samples do not fulfill the criteria (no exposure, then exposure after building of the megaliths) for an accurate cosmogenic dating.

I am sincerely sorry that I did not realize earlier that this dating was useless given the quality of the samples.

We will refund you the 2000 euros. Could you send me a RIB for the refunding?"

Reason No. 1 is religious in nature and No. 2 is a specious argument. I was only seeking total exposure time, not a building date. Neither comment is based on science and represents an institutional dishonesty.

My response as of >7 days ago:

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(480) 349-5767

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March 15, 2015

Dr. Pierre-Henri Blard  
Chargé de Recherche CNRS  
Centre de recherches pétrographiques et géochimiques (CRPG)  
France · Nancy

Dear Pierre-Henri,

Thank you for letting us know about the political problem at work. I must decline your offer to return the money. First, there have been numerous other expenses in getting the stones to France. Second, there is not enough stone remaining to repeat the assay. Third, it is difficult to find other laboratories that will do this type of assay.

Prior to the involvement of the Director of the facility (Dr. Pik), we had an understanding that neither you nor your organization would be mentioned as the source of the work. I completely understand the need for discretion, because it is very difficult to get money for research, and funding agencies may look askance at any work that you do which results in a disruption of existing paradigms. However, it is the position of this foundation that the data belongs to us, as does the raw data, because this work was paid for. I sympathize with the concern you have for the laboratory's reputation. However, our reputation is also on the line because our supporters are expecting results. Based on your assurances, we have told them that results are forthcoming. This is not a theoretical concern, but is quite real and could negatively impact our future fundraising and broad public support.

We infer that the dates you obtained from the stone reach farther back in time than the known existence of humans in the Andes. Our foundation does not accept the concept of extraterrestrial involvement, but can accept the concept that a reasonably sophisticated civilization occurred in the past and may have been destroyed by a cataclysm. By dating the stone, we are interested in its total Cosmogenic exposure, and recognize that we are not able to establish a date of removal from a quarry, nor date of construction based on the dating. For all we know, this was a surface stone that was easily acquired as a plate and was worked at some time after its exposure.

By determining the exposure date, it facilitates our understanding of the nature of the quarry, and which of the two near Copacabana that it came from. We also have extensive x-ray diffraction FTIR and other studies that will help us locate the source quarry.

The problem we face is that we need to have a reasonable basis to encourage the government of Bolivia to work with us to obtain samples to date standing structures as

well as quarry activity. The problem with carbon dating is that it is based on human activities such as campfires and charcoal production, and is an indicator of the last time that humans used fire or tools in the region. We recognize that carbon-14 dating has been carried out extensively in the region, and that some dates even extend to pre-BC times.  $^3\text{He}$  is just another tool to date the area, and to help us get back in to do more extensive and complete dating.

Our nonprofit is not sufficiently bold to suggest, based on a single sample of stones, that ancient civilizations did their work well earlier than when humans appeared on the scene. We need much more data to make such a claim. Current data suggests that a high technology did exist in the Egyptian Dynastic period, based on observed saw cuts in stone, and boring rates in granite that look to be very sophisticated, and similar to what is seen on the Altiplano.

I will be frank and admit I was somewhat offended by your Director's (Dr. Pik's) implication that we are involved in fringe science. The fact is, we are interested in finding truths, and are not interested in promoting one view or another. The board of directors and I are responsible scientists who have long records of productive and valid research. Dr. Pik's other objection was that he could not date when any buildings were put together with this data; nor can we. We are only asking for a total Cosmogenic exposure data for the stone, and recognize that this is not evidence for date of construction.

I would like to request that you reconsider and go with our original agreement, which is that we receive the date/data that your instrumentation came up with, and that we do not mention either of you or your institution. We are also willing to state the disclaimer that your Dr. Pik made as points one and two in your last email:

*1 - He does not want that our lab be associated to borderline science involving too exotic theories.*

*2 - The geomorphological characteristics of the samples do not fulfill the criteria (no exposure, then exposure after building of the megaliths) for an accurate cosmogenic dating.*

Pierre-Henri, you and I have operated on a collegial basis in the past, and I would like to keep a positive and cordial relationship, whether or not we ever work again together. Neither of us could foresee this problem. Let us resolve this amicably. Please respond within one week so we can work toward resolution.

Sincerely,



David H. Swenson, Ph.D.  
President

To summarize: it is clear from the comments from the laboratory that the stone has a Cosmogenic dating greater than 2000 years. 2000 years ago the people of the Andes did not appear to have high technology that could finish hard stone such as and the site to perfectly square contours and perfectly flat finishes. The fear that is evident from the emails from this laboratory suggests a much earlier date that is not known to archaeologists, and is certainly foreign to geologists in this context. As time goes on the appearance of humans appears to be pushed back further and further into the past. There is evidence from DNA sequencing of Neanderthal and Denisovan remains that there was at least one more hominid that interbred with them that has not been identified, and whose DNA is not linked to any other species on the planet. It is notable that a similar finding was obtained by Dr. Melba Ketchum, who has sequenced Sasquatch DNA. No one has been able to scientifically disprove Dr. Ketchum's study nor have they been able to explain her finding of unknown DNA in her samples, which could be similar to the unknown Denisovan DNA found in other laboratories. Her story parallels ours.

It is not unlikely that a prior civilization existed and was wiped out by a catastrophe of the type that appeared to decimate and extinguish populations of Arctic animals such as the mammoth. Arguments that they were hunted to extinction by humans 15,000 years ago seems a flight of fancy, unless one chooses to ignore that some of the mammoths that were found frozen had mud in their trachea, suggesting rapid inundation and asphyxiation. This is but one example.

I am going to argue here that we are absolutely correct about a pre-catastrophe civilization being responsible for some of the megalithic works. What we do not understand this whole suppression of dates and of such information can be in any way considered a benefit to humans.

I will not be accepting €2000 back for the breach of contract. Nor do I intend at this moment to engage in legal action, although it would be one way to get that actual date. I have other things to do in my life, and I intend to continue with those.

I just want you to know that I have been true to this project and to the donors since it was initiated. We have an answer. That answer is that the age of those rocks that were machined and polished are sufficient to give rise to such fear that an institution like CRPG will risk its reputation, and the reputation of our nonprofit for no good reason.

On the plus side, I have learned a lot about cosmogenic stone dating and buried sediment dating that could solve when casing stones were placed at The Great Pyramid, the large megalith at Baalbek was set in the soil, when the Rapa Nui statues were buried in sediment.