Re: diamonds

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- *From*: OG <owen@xxxxxxxxxxxxxxxxxx>
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hhc314@xxxxxxxxx wrote:

> On Apr 26, 5:09 pm, "Thomas Heger" <tomheg_nos...@xxxxxx> wrote:
>
> > Hi Ng
> > my last for today:
> > diamonds are found in 'pipes'. That seem to be very old magma pipes or
> > vulcanos.
> > So the diamonds seem to come out of the magma. Diamonds are carbon
> > cristalls
> > of a certain kind.
> > But now the question: if carbon came out of the magma, than how did it get
> > there?
> > That is strange, since carbon is a very light element. If the early earth
> > was very hot, then the carbon would have drifted upwards. But it was emitted
> > after earth had a crust we are still walking on. That is strange since the
> > carbon had to be in the inner earth before there was a crust, but how?
> > On the other hand lead and uranium are quite heavy. Why didn't that sink
> > into the core, while that was liquid??
> > But we still find those metalls quite at the surface.
> >
> > Thomas Heger
>
> Thomas, these are very excellent questions. I suppose that this
> question falls into the science of geology, which is a very young
> branch of science and appears thus far quite comfortable in revising
> their basic theory quite often (often being 20−40 years in this case.)
>
> From my perspective, geologist still assume that all oil, coal, and
> diamonds have their basis is once existing organic life, but they fail
> to ask the very basic question of where did the carbon required to
> form organic life originate here on earth.
>
> It's the classic chicken and egg question, and to my limited
> knowledge, few researchers have seriously addressed it.

> Harry C.
>
> p.s., An identical issue exists wih the oil deposits that are
> frequently discovered many thousands of feet below the earths
> surface. Where did they originate?

It is likely that Cometary material contributed at least part of the primordial material for the Solar system. Spectral analysis of comets indicate significant presence of Carbon containing molecules (Carbon Dioxide and Methane to mention just two). These molecules are of non−organic origin − but are firmly believed to form in interstellar gas clouds created from supernova explosions.

As Greg has pointed out there is no 'problem' with sourcing pre−organic carbon.
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