

Re: Savannah Runner Found Dead in Lake

Source: <http://sci.tech--archive.net/Archive/sci.anthropology.paleo/2005-08/msg00515.html>

- *From:* "deowl" <deowl@xxxxxxxxxxxxx>
 - *Date:* Mon, 15 Aug 2005 20:02:24 -0500
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<richardparker01@xxxxxxxx> wrote in message
news:1124105759.078720.119020@xx

- > > Lee Olsen wrote, about Olorgesailie:
- >> So Isaac and Potts have proven the
- >> impossible, Homo was running around in the open at Olorgesailie.
- >
- > Pity that Lee chose Olorgesailie as the place where "Isaac and Potts
- > proved the impossible, Homo was running around in the open at
- > Olorgesailie". The level where the human mandible (and most of the
- > tools) were found is directly above a fossil lake bed.

You mean it wasn't actually in a fossil lake bed? That would be what Lee said.

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- > The Smithsonian has put a daily diary of site happenings on line
- > (possibly written by Rick Potts himself as expedition leader) – you
- > probably couldn't find better 'primary sources'.
- >
- > At:
- > http://www.mnh.si.edu/anthro/humanorigins/aop/olorg1999/dispatch/6_30/june30.htm
- > or <http://tinyurl.com/9wj7f>
- >
- > The diary writer explains the Members or strata in detail:
- > "Member 1: A series of lake deposits and "paleosols," or ancient
- > soils, intermixed with tuffs, which are compacted layers of volcanic
- > ash. ...One of the lower ash layers, coded Tuff A-5, has been dated to
- > 992,000 years ago...
- > Member 2: Clean "Diatomites."
- > Member 3: A "massive" tuffy-diatomite.
- > Member 4: "Pumice tuffs" with channel sandstones.
- > Member 5: A poorly-developed paleosol layer that has a small pumice
- > layer that was dated to 974,000 years ago. This means that the many
- > meters of sediments from the A-5 tuff of Member 1 to Member 5 were
- > deposited rapidly in roughly 18,000 years."
- >
- > This is testimony to the remarkable accuracy of modern hi-tech dating
- > methods, which can now resolve a difference of less than 0.2% between

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> two million-year old time horizons.

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> "Member 7: Another distinctive channel sandstone with a

> well-developed, or "mature" paleosol on top. In contrast to the rapid

> deposition below, a few meters of sediment were deposited here in over

> 200,000 years. We can date the top of this layer to 747,000 years ago.

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