



GEOCHRON LABORATORIES

a division of Krueger Enterprises, Inc

45 Manning Road ♦ Billerica, Massachusetts 01821-3934 ♦ USA
t (978) 667-7080 f (978) 667-6999 www.geochronlabs.com

Handwritten: HUGO MILLER AMS

RADIOCARBON AGE DETERMINATION

REPORT OF ANALYTICAL WORK

Our Sample No. **GX-32678-AMS**
Your Reference: see also GX-31950-AMS
Submitted by: Hugo Miller
1215 Bryson Road
Columbus, OH 43224-2009

Date Received: 09/21/2006
Date Reported: 04/04/2007

Sample Name: **P-HI-(2)**
AGE = **22990 ± 130 ¹⁴C years BP (¹³C corrected)**

Description: Sample of charred bone

Pretreatment: The sample was cleaned of dirt and other foreign material and split into small pieces. It was then treated with hot dilute HCl to remove any carbonates; with 0.1N dilute NaOH to remove humic acids and other organic contaminants; and a second time with dilute HCl. After washing and drying, the sample was combusted to recover carbon dioxide for the analysis.

Comments:

$\delta^{13}\text{C}_{\text{rDB}}$ = **-18.4 ‰**

Notes: This date is based upon the Libby half life (5570 years) for ¹⁴C. The error is +/- 1 s as judged by the analytical data alone. Our modern standard is 95% of the activity of N.B.S. Oxalic Acid.

The age is referenced to the year A.D. 1950.