



GEOCHRON LABORATORIES a division of
KRUEGER ENTERPRISES, INC.

711 CONCORD AVENUE ♦ CAMBRIDGE, MASSACHUSETTS 02138 ♦ U. S. A
TELEPHONE: (617) 876-3691 TELEFAX: (617) 661-0148

RADIOCARBON AGE DETERMINATION

REPORT OF ANALYTICAL WORK

Our Sample No. GX-20669

Date Received: 03/03/95

Your Reference: hand delivered

Date Reported: 04/07/95

Submitted by: W.E.J. Hinton, Jr.
20 Almont Street
Nashua, New Hampshire 03060

Sample Name: Jan. 1995 - 1
organic material

AGE = 1,910 +/- 190 C-14 years BP (C-13 corrected).

Description: Sample of charcoal.

Pretreatment: The charcoal fragments were separated from any sand, silt, rootlets, or other foreign matter. The sample was then treated with hot dilute HCl to remove any carbonates, and with hot dilute NaOH to remove humic acids and other organic contaminants. After washing and drying, the cleaned charcoal was combusted and the carbon dioxide was recovered for the analysis.

40 AD ±

Wabir Lodge

Comment:

$\delta^{13}\text{C}_{\text{PDB}} = -25.7 \text{ ‰}$

Notes: This date is based upon the Libby half life (5570 years) for ^{14}C . The error stated is $\pm 1\sigma$ 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.