BRANDON UNIVERSITY S. J. McKee Archives



North Lauder locale Radiocarbon Report 6

http://archives.brandonu.ca/en/permalink/descriptions12332

| Part Of: | RG 7 Beverley Nicholson fonds |
|----------------------------|---|
| Description Level: | Sub sub series |
| Series Number: | 2.5.6 |
| Accession Number: | 1-2010 |
| GMD: | multiple media |
| Date Range: | 1997-2000 |
| Physical Description: | 1 page |
| Material Details: | Radiocarbon date reports have been scanned in multi-page PDF files. |
| History / Biographical: | |

North Lauder Radiocarbon Date report by Beta Analytic Inc. for Flintstone Hill #109900.

Radiocarbon dating

The technique of radiocarbon dating was developed by Willard Libby and his colleagues at the University of Chicago in 1949.

Radiocarbon dating is used to estimate the age of organic remains from archaeological sites. Organic matter has a radioactive form of carbon (C14) that begins to decay upon death. C14 decays at a steady, known rate of a half life of 5,730 years. The technique is useful for material up to 50,000 years. Fluctuations of C14 in the atmosphere can affect results so dates are calibrated against dendrochronology. Radiocarbon dates are calibrated to calendar years.

Dates are reported in radiocarbon years or Before Present. Before Present refers to dates before 1950. The introduction of massive amounts of C14, due to atomic bomb and surface testing of atomic weapons, has widely increased the standard deviation on all dates after A.D. 1700 causing these dates to be unreliable.

Accelerated mass spectrometry can more accurately measure C14 with smaller samples and can date materials to 80,000 years.

Scope and Content:

Sub sub series contains radiocarbon dates from: Atkinson site and Flintstone Hill.

| Name Access: | North Lauder locale Radiocarbon Report 6 |
|-----------------|--|
| Subject Access: | Archaeology |
| | North Lauder locale |
| | North Lauder locale Radiocarbon Report 6 |

Documents

| B SERVA | ANALYTIC INC. | AND IN A | ITY BRANCH 1 74 COUNT CONCAL LINA 23198 R7-9167 FAX: 305963-8564 |
|--|--|---|--|
| REPO | ORT OF RADIOCAR | BON DATI | NG ANALYSES |
| FOR pr. s. A. Nichola Branden University | DATE | ASCENED :: | eclamber 35, 1997 ctuber 30, 1987 |
| Sample Cate | Hegginrad C14 App | 013/012 Matte | Conventional Oit Age (*) |
| Bata-100000 Babits 4: FBH 07/3 AAALYSE: rolinet/ic-t Matenia/recteration/ | Condard Bone collagen3: oellage | | |
| MITT: It is important and to use the calendar interpreting these resu | to read the calendar as calibrated results ine its to 42/92 terms. | dibration is ported aspat | formation ately) when |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Salas are reported as \$2500 (ad | ination para lefter present. Mesonel | DISCO unios anno al chechari per Ro M | extended values to be PS6-1 |
| Galaxy are reported as BCVEP (see "passion" + 1996.8.1.1 (by this top references viamined was 05% of the Bandward Warnhold Count, Accel & Ref. No. 55MI previous Counted in war acceleration SIMI productive (a see top of the scalings, fording tools, and it | C'is content et die bleinen. Stepenen 1 song fre Lide C'e. CDCU CONTEND 1 songenen 1 sonder devolution method. Content of terrological songenen blein. Or content of terrological songenen blein. | Fibe with and upp an output wate sufficients; per The quebel works bibliotics to calendar y entired (14 sign) | individual visitas to the PSR-1 (YBP Age sees surrivative) to encompanies by an (1) that the lasted or reasons bypaid of the and NDP collocated to casolidar and NDP collocated to casolidar and MDP collocated to casolidar |
| | | | |
| | | ~1 | |
| 2 E C E | | | 1 100 |
| 2.5.6_F | _ | | 4_109 |
| 2.5.6_F | _ | | 4_109 |
| 2.5.6_F | -SH_R 900.p | | 4_109 |
| 2.5.6_F | 900.p | df | _ |
| _ | _ | df | _ |
| 2 | 900.p | df PD | F |