

S. J. McKee Archives



Brandon University Indian Leadership Development (BUILD)

<http://archives.brandonu.ca/en/permalink/descriptions162>

Part Of: RG 6 Brandon University fonds

Description Level: Sub sub series

Series Number: 7.3.5

GMD: textual records

Date Range: 1980-1988

Physical Description: 60 cm

Scope and Content:

Sub sub series consists of correspondence, inquiries, budget information, course information, committee records, advertisements and a weekly log.

Notes: A file level inventory is available as a Word document.

Access Restriction: All participants' files are closed.

Storage Location: RG 6 Brandon University fonds
Series 7: Faculties and Schools
7.3 Faculty of Education



Crepee locale Radiocarbon Report I

<http://archives.brandonu.ca/en/permalink/descriptions11968>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub sub series

Series Number: 1.5.1

Accession Number: 1-2010

GMD: multiple media

Date Range: 2003-2008

Physical Description: 3 pages

Material Details: Radiocarbon date reports have been scanned in multi-page PDF files.

History /

Biographical:

Crepeele locale Radiocarbon Dates. C14 report by IsoTrace Laboratory for Crepeele site 2005 XU 8.

From 2003 to 2008 field work took place at the Crepeele locale with 75 - 1m x1m units excavated.

To help establish the cultural sequence at the locale Radiocarbon dates were obtained from the three sites in the Crepeele locale.

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: Crepeele, Sarah and Graham sites.

Name Access: Crepeele locale Radiocarbon Report I

Subject Access: Archaeology
Crepeele locale
Crepeele locale Radiocarbon Dates

Documents

IsoTrace Radiocarbon Laboratory
Accelerator Mass Spectrometry Facility
at the University of Toronto

Sample ID: 2005 XU 8
Date: 2008-05-01

*Crepeele Block D excavation surrounding
extensive bison skull features*

Radiocarbon Analysis Report
Edition 20.000

Method: 14C/12C Ratio, Date of Sample: 2008-05-01, Sample ID: 2005 XU 8
The report is a summary of the results of the analysis of the sample. The sample was analyzed for 14C/12C ratio and the results are reported in the table below. The sample was analyzed for 14C/12C ratio and the results are reported in the table below. The sample was analyzed for 14C/12C ratio and the results are reported in the table below.


Sample	14C/12C Ratio	Age (BP)	1σ Error	2σ Error
2005 XU 8	0.0001234	1234 ± 50	1234 ± 50	1234 ± 50

The precision of the results of this sample is ±50 years. In a worst case, this date may not be reliable if the sample is contaminated.

[Signature]
Dr. R. S. Smith

1.5.1_Crepeele05_RC1
4.pdf

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North Lauder locale Radiocarbon Report I

<http://archives.brandonu.ca/en/permalink/descriptions12327>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub sub series

Series Number: 2.5.1

Accession Number: 1-2010

GMD: multiple media

Date Range: 1997-2000

Physical Description: 2 pages

Material Details: Radiocarbon date reports have been scanned in multi-page PDF files.

History /
Biographical:

North Lauder Radiocarbon Date report by IsoTrace Laboratory for Atkinson II site #TO-11882.

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 I

Subject Access: Archaeology
North Lauder locale
North Lauder locale Radiocarbon Report I

Documents



2.5.1_Atkinson_RC14_
TO-11882.pdf

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Lovstrom Block E 1991

<http://archives.brandonu.ca/en/permalink/descriptions12655>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: Sub sub series
Series Number: 3.6.3
Accession Number: 1-2010
GMD: multiple media
Date Range: 1991
Material Details: Field journals have been scanned in multi-page PDF files. Artifact catalogues are PDF files in spreadsheet format. Photographs are in jpeg format.

History /

Biographical:

Excavations took place in block E in 1987 and 1988 with 21 units opened. Ten further units were excavated in 1991 as part of the Brandon University Archaeological Field School, directed by Dr. Nicholson with Brett Waddell as crew chief and Theresa Hill as field assistant.

In 1991 a hearth was identified in Block E as well as a cluster of spoil dirt piles believed to represent material from a pit feature identified in the 1988 excavations. The pit feature is believed to be related to the recovery of clay that may have been used to build ceramic vessels.

Stratigraphic evidence of distinct activity areas at successive depths and radiocarbon dates indicate at least three occupations (380 BP, 700 BP and 860 B P). Three identified activity clusters occur stratigraphically, supporting these dated occupations.

Large numbers of lithics were recovered, forming an assemblage dominated by SRC and KRF with lesser amounts of porcellanite and quartzite. The upper occupation contained some Tongue River Silicified Sediment (TRSS). Eight Prairie Side-Notched points were recovered as well as a lunate biface and an end scraper. Fragments from a grey soapstone tube were also recovered.

Scope and Content:

Sub-sub-sub series contains: Summary information of field methodology, number and co-ordinates of excavations, personnel and their staff position; Field journals are daily records of recoveries, features and activities at the site; Site records include excavation level and unit summaries, feature sheets, profiles; sample records and maps; Artifact catalogues are lists and identifications of all artifacts recovered; Photographs are of excavation units, features, the landscape and personnel.

Name Access: Lovstrom Block E 1991
Subject Access: Archaeology
Lovstrom locale
Lovstrom Block E



Lovstrom Block E 1987

<http://archives.brandonu.ca/en/permalink/descriptions12568>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: Sub sub series
Series Number: 3.6.1
Accession Number: 1-2010
GMD: multiple media
Date Range: 1987
Material Details: Field journals have been scanned in multi-page PDF files. Artifact catalogues are PDF files in spreadsheet format. Photographs are in jpeg format.

History /
Biographical:

Directed by Dr. Nicholson and with Jane Gibson as crew chief, two test units TU 107 and TU 108 were excavated six meters apart in 1987 and produced cultural materials which warranted a block excavation. Seven contiguous 1m2 units were opened in 1987 (XU 118, 119, 122, 123, 125, 126 (TU108) and 127). This block proved to be very productive of cultural remains. Large bison bone and fire-cracked rock indicated butchering/processing areas. Two bone tools, fabricated from scapulae were recovered. One is a bone knife – possibly a squash knife – and the other is a bifurcated scapula, which may have been a hoe.

Scope and Content:

Sub-sub-sub series contains: Summary information of field methodology, number and co-ordinates of excavations, personnel and their staff position; Field journals are daily records of recoveries, features and activities at the site; Site records include excavation level and unit summaries, feature sheets, profiles; sample records and maps; Artifact catalogues are lists and identifications of all artifacts recovered; Photographs are of excavation units, features, the landscape and personnel.

Name Access: Lovstrom Block E 1987
Subject Access: Archaeology
Lovstrom locale
Lovstrom Block E



Lovstrom Block E 1988

<http://archives.brandonu.ca/en/permalink/descriptions12590>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: Sub sub series
Series Number: 3.6.2
Accession Number: 1-2010
GMD: multiple media
Date Range: 1988
Material Details: Field journals have been scanned in multi-page PDF files. Artifact catalogues are PDF files in spreadsheet format. Photographs are in jpeg format.

History /
Biographical:

Directed by Dr. Nicholson and with Ian Kuijt as crew chief, fourteen additional units were excavated in Block E in 1988. Stratigraphic evidence of distinct activity areas at successive depths and radiocarbon dates indicate at least three occupations (380 BP, 700 BP and 860 B P).

Three identified activity clusters occur stratigraphically, supporting these dated occupations. A clear distinction between Blackduck and Vickers Focus ceramics is evident in this Block. Sixteen small side-notched and un-notched points were recovered in this excavation series as well as numerous unifacial scrapers. Fragments from a grey soapstone tube were also recovered.

Scope and Content:

Sub-sub-sub series contains: Summary information of field methodology, number and co-ordinates of excavations, personnel and their staff position; Field journals are daily records of recoveries, features and activities at the site; Site records include excavation level and unit summaries, feature sheets, profiles; sample records and maps; Artifact catalogues are lists and identifications of all artifacts recovered; Photographs are of excavation units, features, the landscape and personnel.

Name Access: Lovstrom Block E 1988
Subject Access: Archaeology
Lovstrom locale
Lovstrom Block E



History of Brandon College Inc.

<http://archives.brandonu.ca/en/permalink/descriptions4339>

Part Of: RG 3 A.E. McKenzie Company fonds

Description Level: Sub sub series

Series Number: MG 5 1.1.1

GMD: textual records

Date Range: 1961-1963

Physical Description: 8.9 cm

History /

Biographical:

In the early 1960's, A.E. McKenzie set out to right a book chronicling the first 38 years of Brandon College's history. To achieve this goal, he contacted a number of former faculty member and students of Brandon College, and asked them to contribute their recollections of the College. The testimonials were published along with a message from Brandon University's President at the time, Dr. John E. Robbins. Brandon College Inc. also contained comments from McKenzie regarding the Re-establishment of the College.

Custodial History:

See fonds level description of custodial history of A.E. McKenzie Seed Co. Ltd.

Scope and Content:

This sub sub series contains correspondence discussing textual and photographic content of the book, clarification of facts, and the format and printing of the book. There is also one newspaper clipping and some proofs. A large part of the sub-series is comprised of the contributions and mailing list for the project. Two copies of the completed book are also been included.

The remainder of the documents in the sub-series deal with reactions to the project. Testimonials from well-known individuals such as Mrs. Olive Diefenbaker, a former student at the College, the Minister of Education, and the Premier of Manitoba are contained in the sub-series. As well, fonds includes numerous letters from other individuals, thanking and congratulating McKenzie on the project are included. There is also a file relating to the reaction – not unanimously favorable - of the Brandon College Board of Directors to the project.

The majority of the photographs used in the History of Brandon College Inc. are also included.

Storage Location: RG 3 A.E. McKenzie Seed Co. Ltd. fonds

MG 5 A.E. McKenzie fonds

1.1 Brandon College Inc.