

S. J. McKee Archives



North Lauder locale Radiocarbon Report 4

<http://archives.brandonu.ca/en/permalink/descriptions12330>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: Sub sub series
Series Number: 2.5.4
Accession Number: 1-2010
GMD: multiple media
Date Range: 1997-2000
Physical Description: pages 5-7
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 #109529 and #109530.

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.

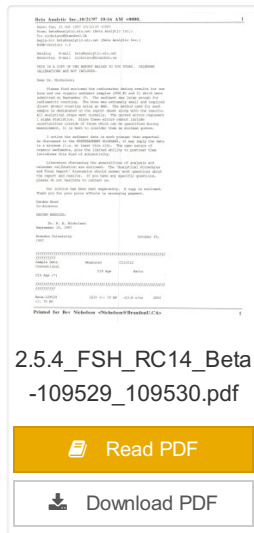
Accelerated mass spectrometry can more accurately measure C14 with smaller samples and can date materials to 80,000 years.

Scope and Content:

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

Name Access: North Lauder locale Radiocarbon Report 4
Subject Access: Archaeology
North Lauder locale
North Lauder locale Radiocarbon Report 4

Documents



Lovstrom Block H 1988

<http://archives.brandonu.ca/en/permalink/descriptions12639>

Part Of:	RG 7 Beverley Nicholson fonds
Description Level:	Sub sub series
Series Number:	3.9.1
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.

Directed by Dr. Nicholson and with Ian Kuijt as crew chief, eight units were excavated in Block H in 1988. The vegetation is similar to other areas in the locale with an open oak forest with a light understory of saskatoon, hazelnut, poison ivy and sarsaparilla.

Radiocarbon dates from this block indicate two occupations separated in time by some 300 years. The excavation of the eight 1m² units resulted in the recovery of over 650 ceramic fragments including 20 rim sherds from at least four vessels, a grooved maul, fire-cracked rock, lithic debitage and a reworked Avonlea projectile point. A large amount of bison bone, including a number of axial elements and a fragmented skull were also recovered.

The 650 ceramics recovered are of two kinds, representing at least four vessels. Stylistically, two of these vessels appear to be from the Vickers Focus and the third vessel may be Mortlach ware. The fourth vessel appears to be Blackduck and probably comes from the lower occupation. Also encountered were what is possibly a thin ash deposit in unit 180. The presence of a large number of bison axial elements is suggestive of primary butchering activities. Several canid bones were recovered scattered among the bison bone. Although there is no visible stratigraphic evidence, the 14C dates and the different ceramic types indicate more than one occupation in this area and it is likely that several types of behavior and use of space are represented.

High numbers of ceramic fragments are often assumed to be associated with activities characteristic of habitation areas, rather than hunting or butchering behavior. The lithic material assemblage is intermediate between Blocks G and E with KRF being the most frequent material category followed by local cherts.

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 H 1988
Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H



Lovstrom Block H 1988 - site co-ordinates

<http://archives.brandonu.ca/en/permalink/descriptions12640>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 3.9.1.1

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:

Large scale excavations of four block sites took place in 1988 under the direction of Bev Nicholson with Ian Kuijt as crew chief. Block H consisted of eight excavation units.

Scope and Content:

Sub-sub-sub series contains: Summary information of field methodology, number and co-ordinates of excavations, personnel and their staff position.

Name Access: Lovstrom Block H 1988 - site co-ordinates

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

Documents


ABC W & L Lovstrom Locals H2-a-4


3.9.1.1 Summary Information

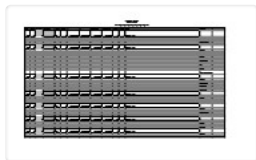
Block H consisted of eight excavation units. The serial dates were established as 2010, a catalogue of the units with the co-ordinates of 2010/1010 was used to further complete the project.

Excavation	Original Date	Catalogue Code	Crew
101 176	2010/1010	2010/1010	Lee Smith
101 177	2010/1010	2010/1010	Lee Smith
101 178	2010/1010	2010/1010	Philip W.
101 180	2010/1010	2010/1010	Lee Smith
101 181	2010/1010	2010/1010	Lee Smith
101 182	2010/1010	2010/1010	Lee Smith
101 183	2010/1010	2010/1010	Lee Smith
101 184	2010/1010	2010/1010	Lee Smith
101 185	2010/1010	2010/1010	Lee Smith

3.9.1.1_Sum.pdf

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Lovstrom Block H 1988 - artifact catalogue

<http://archives.brandonu.ca/en/permalink/descriptions12654>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 3.9.1.4

Accession Number: 1-2010

GMD: textual records

Date Range: 1988

Physical Description: 167 pages

Material Details: PDF

History /

Biographical:

Artifact catalogue containing records from the excavation at Lovstrom Block H.

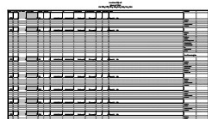
Scope and Content:

Spreadsheet containing information about the artifacts recovered, including: unit, level, artifact number, catalogue number, depth, co-ordinates, entry date, date recovered, count, weight, UTM co-ordinates, notes (excavators initials and comments) and artifact identification.

Name Access: Lovstrom Block H 1988 - artifact catalogue

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

Documents



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Lovstrom Block H 1991

<http://archives.brandonu.ca/en/permalink/descriptions12671>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: Sub sub series
Series Number: 3.9.2
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:

Based on the recoveries at the Block H in 1988, further excavations took place in 1991. Nine excavation units were opened next to the previous excavations. Another 250 ceramic sherds were recovered in 1991. Nine vessels have been identified based on rim sherds. Vickers Focus and Woodland vessels have been identified and two vessels similar to Scattered Village Complex were recovered.

The lithic material assemblage is intermediate primarily KRF followed by local cherts. Two features, a hearth and a curvilinear arrangement of rock were recovered during the 1991 excavations.

The high numbers of ceramic fragments suggests a habitation area, rather than hunting or butchering behavior. However, the separation of occupations at the site is difficult to establish and there may be different uses of the site by successive occupations.

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 H 1991
Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H



Lovstrom Block H 1991 - site co-ordinates

<http://archives.brandonu.ca/en/permalink/descriptions12672>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 3.9.2.1

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:

Large scale excavations of two block sites took place in 1988 under the direction of Bev Nicholson with Brett Waddell as crew chief and Theresa Hill as assistant. Block H consisted of nine additional excavation units.

Scope and Content:

Sub-sub-sub series contains: Summary information of field methodology, number and co-ordinates of excavations, personnel and their staff position.

Name Access: Lovstrom Block H 1991 - site co-ordinates

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

Documents

3.9.2.1_Sum.pdf

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Lovstrom Block H 1991 - artifact catalogue

<http://archives.brandonu.ca/en/permalink/descriptions12677>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 3.9.2.4

Accession Number: 1-2010

GMD: textual records

Date Range: 1991

Physical Description: 315 pages

Material Details: PDF

History /

Biographical:

Artifact catalogue containing records from the excavation at Lovstrom Block H 1991.

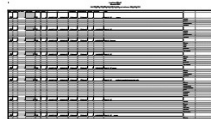
Scope and Content:

Spreadsheet containing information about the artifacts recovered, including: unit, level, artifact number, catalogue number, depth, co-ordinates, entry date, date recovered, count, weight, UTM co-ordinates, notes (excavators initials and comments) and artifact identification.

Name Access: Lovstrom Block H 1991 - artifact catalogue

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

Documents



3.9.2.4_LovCat_H_91.pdf

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