

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:

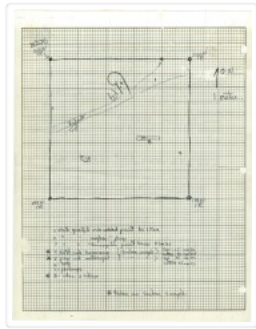
Sub sub series contains radiocarbon dates from: Atkinson site and Flintstone Hill.

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

Documents

2.5.4_FSH_RC14_Beta
-109529_109530.pdf

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Lovstrom survey 1985 - site record XU 4

<http://archives.brandonu.ca/en/permalink/descriptions12446>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.1.1.3

File Number: 4

Accession Number: 1-2010

Physical Description: 3 pages

Material Details: PDF

History /

Biographical:

Record of site excavation test unit 4 at the Lovstrom survey 1985.

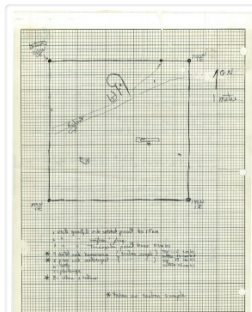
Scope and Content:

Site records of excavation units may include: level summaries, floor plans, feature sheets, wall profiles, unit summaries and any other additional information relating to the unit.

Name Access: Lovstrom survey 1985 - site record XU 4

Subject Access: Archaeology
Lovstrom locale
Lovstrom survey 1985
Lovstrom survey 1985 - site record XU 4

Documents



3.1.1.3.4_Lov_TU4.pdf

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Flintstone Hill 1998-2000 Test Unit 4

<http://archives.brandonu.ca/en/permalink/descriptions12302>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 2.2.2.3

File Number: 4

Accession Number: 1-2010

Date Range: 1998-2000

Physical Description: 32 pages

Material Details: PDF

History /

Biographical:

Record of test unit 4 at Flintstone Hill.

Scope and Content:

Site excavation records of excavation units may include: level summaries, floor plans, feature sheets, wall profiles, unit summaries and any other additional information relating to the unit.

Name Access: Flintstone Hill 1998-2000 Test Unit 4

Subject Access: Archaeology
North Lauder locale

Flintstone Hill - DiMe-26

Flintstone Hill 1998-2000 Test Unit 4

Documents

2.2.2.3.4_XU4.pdf

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Flintstone Hill 1998-2000 - Test Unit 4 north profile

<http://archives.brandonu.ca/en/permalink/descriptions12319>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 2.2.2.5

Item Number: 2.2.2.5.6

Accession Number: 1-2010

GMD: graphic

Date Range: 1998-2000

Physical Description: 536 x 792(244)

Material Details: JPEG

History /

Biographical:

Photograph taken during 1998-2000 Brandon University Archaeology survey at Flintstone Hill.

Scope and Content:

Test Unit 4 north profile, 150 cm deep.

Name Access: Flintstone Hill 1998-2000 - Test Unit 4 north profile

Subject Access: Archaeology

North lauder locale

Flintstone Hill DiMe-26

Flintstone Hill 1998-2000 - Test Unit 4 north profile

Images





Flintstone Hill 1998-2000 - Test Unit 5 north profile

<http://archives.brandonu.ca/en/permalink/descriptions12320>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 2.2.2.5

Item Number: 2.2.2.5.7

Accession Number: 1-2010

GMD: graphic

Date Range: 1998-2000

Physical Description: 536 x 796(247)

Material Details: JPEG

History /

Biographical:

Photograph taken during 1998-2000 Brandon University Archaeology survey at Flintstone Hill.

Scope and Content:

Test Unit 5 north profile, 150 cm deep.

Name Access: Flintstone Hill 1998-2000 - Test Unit 5 north profile

Subject Access: Archaeology

North lauder locale

Flintstone Hill DiMe-26

Flintstone Hill 1998-2000 - Test Unit 4 north profile

Images





Lovstrom Block H - summary

<http://archives.brandonu.ca/en/permalink/descriptions12638>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 3.9

Accession Number: 1-2010

GMD: multiple media

Date Range: 1988 - 1991

History /

Biographical:

The vegetation in block H is similar to other areas in the locale with an open oak forest with a light understory of saskatoon, hazelnut, poison ivy and sarsaparilla.

The excavations of the eight 1m² units in 1988 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.

Based on the 1988 recoveries at the site 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 between Blocks G and E with KRF being the most frequent material category followed by local cherts.

Two features, a hearth and a curvilinear arrangement of rock were recovered. 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.

Radiocarbon dates from this block indicate two occupations separated in time by some 300 years. XU 181 – 405/110 BP and XU 184 – 780/110 BP.

Scope and Content:

Sub-series has been divided into sub sub series including: Lovstrom Block H 1988 and Lovstrom Block H 1991.

Name Access: Lovstrom Block H - summary

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H



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.
History /
Biographical:

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.

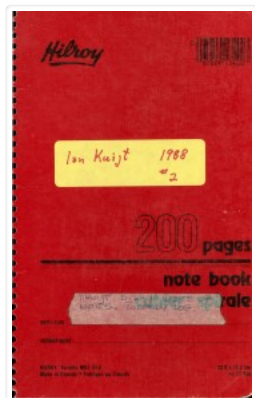
The 650 ceramics recovered are of two kinds, representing at least four vessels. Stylistically, two of these vessels appear to be from the Vickers Focus and the third vessel may be Mortlach ware. The fourth vessel appears to be Blackduck and probably comes from the lower occupation. Also encountered 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 - Ian Kuijt field journal 2

<http://archives.brandonu.ca/en/permalink/descriptions12641>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.9.1.2

File Number: 1

Accession Number: 1-2010

GMD: textual records

Date Range: 1988

Physical Description: 35 pp.

Material Details: PDF

History /

Biographical:

Ian Kuijt was crew chief at the Lovstrom locale excavations in 1988.

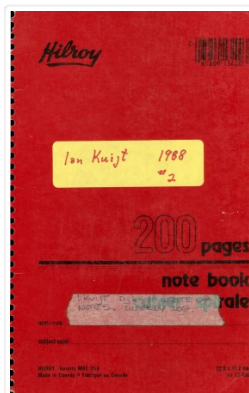
Scope and Content:

Record of excavation methods, items recovered, features, local environment and weather noted by teaching assistant.

Name Access: Lovstrom Block H 1988 - Ian Kuijt field journal 2

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

Documents

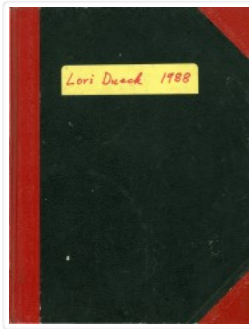


3.9.1.2.1_I_Kuijt_bk2.pdf

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Lovstrom Block H 1988 - L Dueck field journal

<http://archives.brandonu.ca/en/permalink/descriptions12642>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.9.1.2

File Number: 2

Accession Number: 1-2010

GMD: textual records

Date Range: 1988

Physical Description: 64 pp.

Material Details: PDF

History /

Biographical:

Lori Dueck was a crew member at the Lovstrom locale excavations in 1988. Pages 37-54 and 72-78 in her journal relate to Block H.

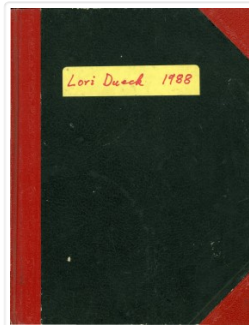
Scope and Content:

Record of excavation methods, items recovered, features, local environment and weather noted by teaching assistant.

Name Access: Lovstrom Block H 1988 - L Dueck field journal

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

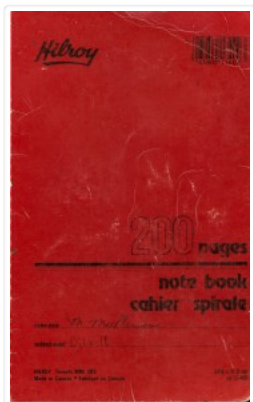
Documents



3.9.1.2.2_L_Dueck.pdf

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Lovstrom Block H 1988 - M MacPherson field journal

<http://archives.brandonu.ca/en/permalink/descriptions12643>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.9.1.2

File Number: 3

Accession Number: 1-2010

GMD: textual records

Date Range: 1988

Physical Description: 81 pp.

Material Details: PDF

History /

Biographical:

Margaret MacPherson was a crew member at the Lovstrom locale excavations in 1988.

Pages 65-77 in her journal relate to Block H.

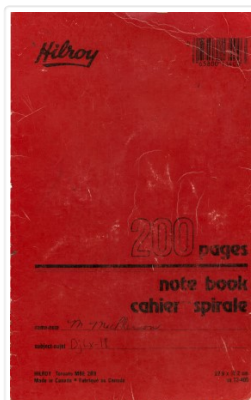
Scope and Content:

Record of excavation methods, items recovered, features, local environment and weather noted by teaching assistant.

Name Access: Lovstrom Block H 1988 - M MacPherson field journal

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

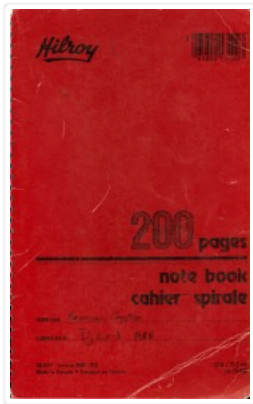
Documents



3.9.1.2.3_M_MacPherson.pdf

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Lovstrom Block H 1988 - Shannon Coyston field journal

<http://archives.brandonu.ca/en/permalink/descriptions12644>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.9.1.2

File Number: 4

Accession Number: 1-2010

GMD: textual records

Date Range: 1988

Physical Description: 78 pp.

Material Details: PDF

History /

Biographical:

Shannon Coyston was a crew member at the Lovstrom locale excavations in 1988. Pages 58-72 in her journal relate to Block H.

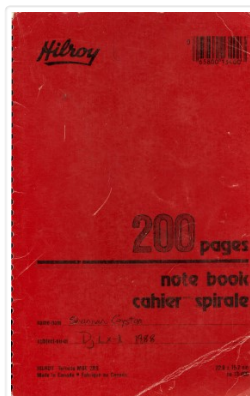
Scope and Content:

Record of excavation methods, items recovered, features, local environment and weather noted by teaching assistant.

Name Access: Lovstrom Block H 1988 - Shannon Coyston field journal

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

Documents



3.9.1.2.4_S_Coyston.pdf

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Lovstrom Block H - Phillip M field journal

<http://archives.brandonu.ca/en/permalink/descriptions12645>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.9.1.2

File Number: 5

Accession Number: 1-2010

GMD: textual records

Date Range: 1988

Physical Description: 59 pp.

Material Details: PDF

History /

Biographical:

Phillip M Kondolo was with the crew at the Lovstrom locale excavations in 1988. Pages 49-59 relate to Block H.

Scope and Content:

Record of excavation methods, items recovered, features, local environment and weather noted by teaching assistant.

Name Access: Lovstrom Block H - Phillip M field journal

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

Documents





Lovstrom Block H 1988 - site record XU 177

<http://archives.brandonu.ca/en/permalink/descriptions12647>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.9.1.3

File Number: 2

Accession Number: 1-2010

Physical Description: 14 pages

Material Details: PDF

History /

Biographical:

Record of excavation unit 177 at Lovstrom Block H.

Scope and Content:

Site records of excavation units may include: level summaries, floor plans, feature sheets, wall profiles, unit summaries and any other additional information relating to the unit.

Name Access: Lovstrom Block H - site record XU 177

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

Documents

3.9.1.3.2_Lov_XU177.pdf



Lovstrom Block H 1988 - site record XU 178

<http://archives.brandonu.ca/en/permalink/descriptions12648>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.9.1.3

File Number: 3

Accession Number: 1-2010

Physical Description: 14 pages

Material Details: PDF

History /

Biographical:

Record of excavation unit 178 at Lovstrom Block H.

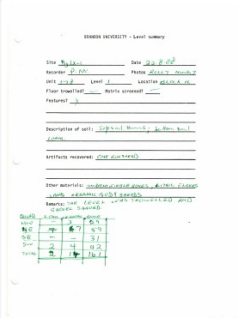
Scope and Content:

Site records of excavation units may include: level summaries, floor plans, feature sheets, wall profiles, unit summaries and any other additional information relating to the unit.

Name Access: Lovstrom Block H 1988 - site record XU 178

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

Documents



3.9.1.3.3_Lov_XU178.pdf

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Lovstrom Block H 1988 - site record XU 180

<http://archives.brandonu.ca/en/permalink/descriptions12649>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.9.1.3

File Number: 4

Accession Number: 1-2010

Physical Description: 12 pages

Material Details: PDF

History /

Biographical:

Record of excavation unit 180 at Lovstrom Block H.

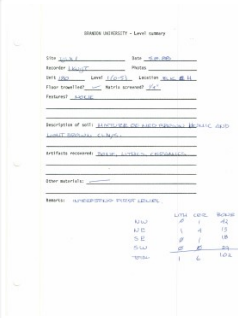
Scope and Content:

Site records of excavation units may include: level summaries, floor plans, feature sheets, wall profiles, unit summaries and any other additional information relating to the unit.

Name Access: Lovstrom Block H 1988 - site record XU 180

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

Documents



3.9.1.3.4_Lov_XU180.pdf

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Lovstrom Block H 1988 - site record XU 181

<http://archives.brandonu.ca/en/permalink/descriptions12650>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.9.1.3

File Number: 5

Accession Number: 1-2010

Physical Description: 12 pages

Material Details: PDF

History /

Biographical:

Record of excavation unit 181 at Lovstrom Block H.

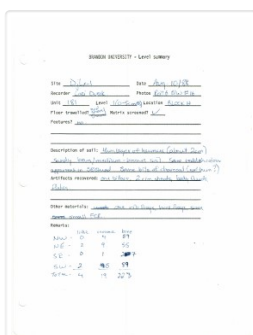
Scope and Content:

Site records of excavation units may include: level summaries, floor plans, feature sheets, wall profiles, unit summaries and any other additional information relating to the unit.

Name Access: Lovstrom Block H 1988 - site record XU 181

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

Documents



3.9.1.3.5_Lov_XU181.p
df

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Lovstrom Block H 1988 - site record XU 182

<http://archives.brandonu.ca/en/permalink/descriptions12651>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.9.1.3

File Number: 6

Accession Number: 1-2010

Physical Description: 12 pages

Material Details: PDF

History /

Biographical:

Record of excavation unit 182 at Lovstrom Block H.

Scope and Content:

Site records of excavation units may include: level summaries, floor plans, feature sheets, wall profiles, unit summaries and any other additional information relating to the unit.

Name Access: Lovstrom Block H 1988 - site record XU 182

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

Documents

3.9.1.3.6_Lov_XU182.pdf



Lovstrom Block H 1988 - site record XU 184

<http://archives.brandonu.ca/en/permalink/descriptions12652>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.9.1.3

File Number: 7

Accession Number: 1-2010

Physical Description: 12 pages

Material Details: PDF

History /

Biographical:

Record of excavation unit 184 at Lovstrom Block H.

Scope and Content:

Site records of excavation units may include: level summaries, floor plans, feature sheets, wall profiles, unit summaries and any other additional information relating to the unit.

Name Access: Lovstrom Block H 1988 - site record XU 184

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block H

Documents

3.9.1.3.7_Lov_XU184.pdf

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