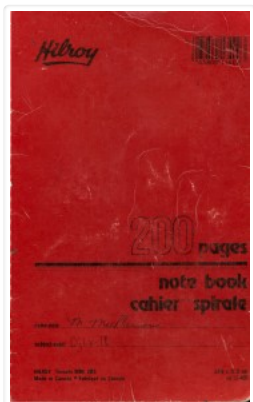


S. J. McKee Archives



Lovstrom Block F - Margaret MacPherson field journal

<http://archives.brandonu.ca/en/permalink/descriptions12621>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.7.1.2

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 with the crew at the Lovstrom locale excavations in 1988. Pages 77-81 relate to Block F.

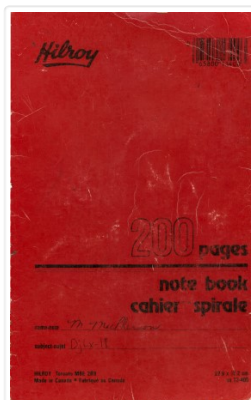
Scope and Content:

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

Name Access: Lovstrom Block F - Margaret MacPherson field journal

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block F

Documents



3.7.1.2.3_M_MacPherson.pdf

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Crepeele locale Radiocarbon Dates

<http://archives.brandonu.ca/en/permalink/descriptions11966>



Part Of: RG 7 Beverley Nicholson fonds
Description Level: Sub-series
Series Number: 1.5
Accession Number: 1-2010
GMD: textual records
Date Range: 2003-2008
Material Details: Radiocarbon date reports have been scanned in multi-page PDF files.

History /

Biographical:

The Crepeelee locale is located within the larger Lauder Sandhills area, located in southwestern Manitoba. The area is a complex region of high biodiversity made up of stabilized sand dunes and wetlands that encourage the development of mixed forest and grass prairie. This area provided a variety of subsistence resources for pre-European hunter-gatherers. At the present time the grass prairie is now farm land but the areas of vegetated sand dunes have not been cultivated and have revealed numerous pre-contact archaeological sites.

Archaeological surveying was conducted in 2003. The results of the 2003 Casselman survey showed over 300 test units contained cultural material and indicated several areas for further examination including the Crepeelee site DiMe-29, Sarah site DiMe-28 and Graham sites DiMe-30.

From 2003 to 2008 field work took place at the locale with 75 - 1m x1m units excavated. The Crepeelee locale is a complex region of high biodiversity made up of stabilized sand dunes and wetlands that encourage the development of mixed forest and grass prairie. This area provided a variety of subsistence resources for pre-European hunter-gatherers. At the present time the grass prairie is now farm land but the areas of vegetated sand dunes have not been cultivated and have revealed numerous pre-contact archaeological sites.

To help establish the cultural sequence at the locale Radiocarbon dates were obtained from the three sites in the Crepeelee 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: Crepeelee, Sarah and Graham sites.

Name Access: Crepeelee locale Radiocarbon Dates

Subject Access: Archaeology
Crepeele locale
Crepeele locale Radiocarbon Dates



North Lauder locale Radiocarbon Dates

<http://archives.brandonu.ca/en/permalink/descriptions12326>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: Sub-series
Series Number: 2.5
Accession Number: 1-2010
GMD: textual records
Date Range: 1997-2000
Material Details: Radiocarbon date reports have been scanned in multi-page PDF files.
History /
Biographical:

The North Lauder locale has a long archaeological and geological history that is important for understanding the forces that shaped the region. Archaeological research in the locale shows that the area has been occupied by humans for at least the past 6,500 years. Environmental forces provided an area of diverse resources that attracted early peoples.

Archaeologists from Brandon University have been conducting research in the North Lauder locale that has focused on the Atkinson site, a 6,500 year old hunter-gatherer site and Flintstone Hill.

The geomorphology of the glacial Lake Hind Basin over the past 11,000 years is known primarily through the study of a cut bank along the Souris River. Flintstone Hill contains the most complete stratigraphic record for the post-glacial period on the northern plains. The site has been extensively studied by geoarchaeologists, geologists and paleoenvironmentalists over many years and their findings have contributed to our understanding of the region.

Radiocarbon dates were obtained from the Atkinson site and Flintstone Hill.

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: the Atkinson site and Flintstone Hill.

Name Access: North Lauder locale Radiocarbon Dates
Subject Access: Archaeology
North Lauder locale
North Lauder locale Radiocarbon Dates



Casselman survey - artifact catalogue

<http://archives.brandonu.ca/en/permalink/descriptions11722>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: Sub sub series
Series Number: 1.1.4
Accession Number: 1-2010
GMD: textual records
Date Range: 2003
Physical Description: 264 pages
Material Details: PDF

History /

Biographical:

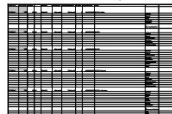
Artifact catalogue containing 597 records from the Casselman survey 2003.

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: Casselman survey - artifact catalogue
Subject Access: Archaeology
Crepeele locale
Casselman survey

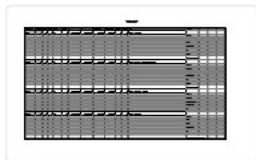
Documents



1.1.4_Ca03_artcat.pdf

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Lovstrom Block A - artifact catalogue

<http://archives.brandonu.ca/en/permalink/descriptions12473>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 3.2.1.4

Accession Number: 1-2010

GMD: textual records

Date Range: 1987

Physical Description: 140 pages

Material Details: PDF

History /

Biographical:

Artifact catalogue containing records from the excavation units 25-27; 30-35; 38-40 at Lovstrom Block A.

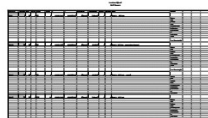
Scope and Content:

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 A - artifact catalogue

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block A

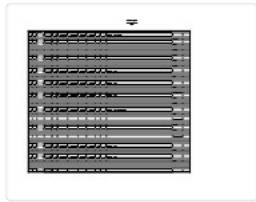
Documents



3.2.1.4_LovCat_A_87.pdf

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Lovstrom survey 1985 - artifact test unit catalogue

<http://archives.brandonu.ca/en/permalink/descriptions12474>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 3.1.1.4

File Number: 2

Accession Number: 1-2010

GMD: textual records

Date Range: 1985

Physical Description: 59 pages

Material Details: PDF

History /

Biographical:

Artifact catalogue containing records from the Lovstrom test units 1985.

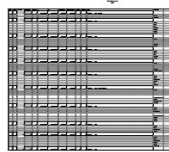
Scope and Content:

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 survey 1985 - artifact test unit catalogue

Subject Access: Archaeology
Lovstrom locale
Lovstrom survey 1985

Documents



3.1.1.4.2_LovCatTU_1_9.pdf

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Lovstrom Block A - Miggs Greene field journal 3

<http://archives.brandonu.ca/en/permalink/descriptions12489>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.2.1.2

File Number: 6

Accession Number: 1-2010

GMD: textual records

Date Range: 1987

Physical Description: 5 pp.

Material Details: PDF

History /

Biographical:

Miggs Green was field assistant for the Lovstrom locale in 1987. Journal 3 summarizes Block A

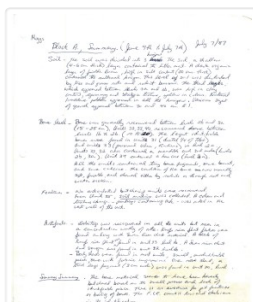
Scope and Content:

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

Name Access: Lovstrom Block A - Miggs Greene field journal 3

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block A

Documents



3.2.1.2.6_Greene_Bk3.
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Lovstrom survey 1985 - artifact survey catalogue

<http://archives.brandonu.ca/en/permalink/descriptions12428>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 3.1.1.4

File Number: 1

Accession Number: 1-2010

GMD: textual records

Date Range: 1985

Physical Description: 74 pages

Material Details: PDF

History /

Biographical:

Artifact catalogue containing records from the Lovstrom survey 1985.

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 survey 1985 - artifact survey catalogue

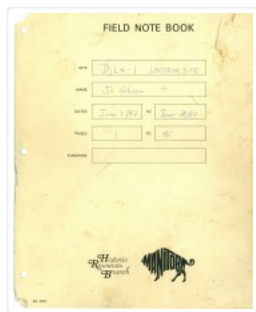
Subject Access: Archaeology
Lovstrom locale
Lovstrom survey 1985

Documents



3.1.1.4.1_LovCatSur_8
5.pdf

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Lovstrom Block A - Jane Gibson field journal 1

<http://archives.brandonu.ca/en/permalink/descriptions12455>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.2.1.2

File Number: 2

Accession Number: 1-2010

GMD: textual records

Date Range: 1987

Physical Description: 49 pp.

Material Details: PDF

History /

Biographical:

Jane Gibson was crew chief for the Lovstrom locale in 1987. Her field journals contain information about all Block/sites excavated.

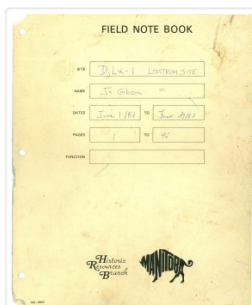
Scope and Content:

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

Name Access: Lovstrom Block A - Jane Gibson field journal 1

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block A

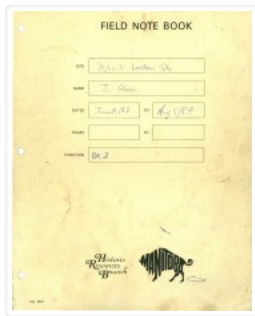
Documents



3.2.1.2.2_Gibson_bk1.pdf

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Lovstrom Block A - Jane Gibson field journal 2

<http://archives.brandonu.ca/en/permalink/descriptions12456>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.2.1.2

File Number: 3

Accession Number: 1-2010

GMD: textual records

Date Range: 1987

Physical Description: 49 pp.

Material Details: PDF

History /

Biographical:

Jane Gibson was crew chief for the Lovstrom locale in 1987. Her field journals contain information about all Block/sites excavated.

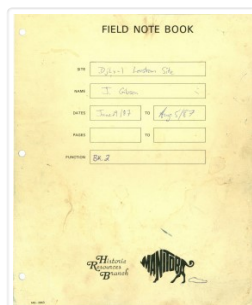
Scope and Content:

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

Name Access: Lovstrom Block A - Jane Gibson field journal 2

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block A

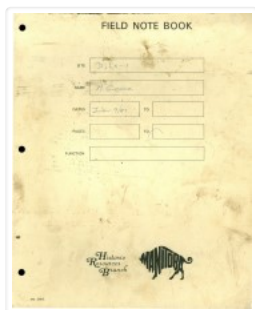
Documents



3.2.1.2.3_Gibson_bk2.pdf

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Lovstrom Block A - Miggs Greene field journal 1

<http://archives.brandonu.ca/en/permalink/descriptions12457>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.2.1.2

File Number: 4

Accession Number: 1-2010

GMD: textual records

Date Range: 1987

Physical Description: 33 pp.

Material Details: PDF

History /

Biographical:

Miggs Green was field assistant for the Lovstrom locale in 1987. Journal 1 pages 1-10 relate to Block A.

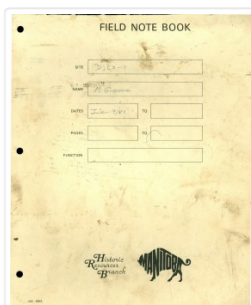
Scope and Content:

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

Name Access: Lovstrom Block A - Miggs Greene field journal 1

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block A

Documents



3.2.1.2.4_Greene_Bk1.
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Lovstrom Block A - Miggs Greene field journal 2

<http://archives.brandonu.ca/en/permalink/descriptions12458>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.2.1.2

File Number: 5

Accession Number: 1-2010

GMD: textual records

Date Range: 1987

Physical Description: 16 pp.

Material Details: PDF

History /

Biographical:

Miggs Green was field assistant for the Lovstrom locale in 1987. Journal 2 pages 1-16 relate to Block A.

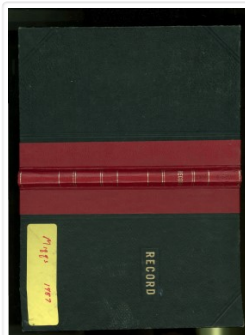
Scope and Content:

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

Name Access: Lovstrom Block A - Miggs Greene field journal 2

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block A

Documents



3.2.1.2.5_Greene_Bk2.
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Lovstrom Block A - Blaine Frenette field journal

<http://archives.brandonu.ca/en/permalink/descriptions12459>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.2.1.2

File Number: 7

Accession Number: 1-2010

GMD: textual records

Date Range: 1987

Physical Description: 31 pp.

Material Details: PDF

History /

Biographical:

Blaine Frenette was field assistant for the Lovstrom locale in 1987. This journal is a summary of Block A and B.

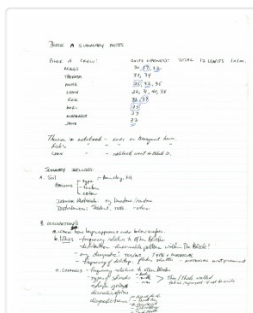
Scope and Content:

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

Name Access: Lovstrom Block A - Blaine Frenette field journal

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block A

Documents



3.2.1.2.7_Frenette_sum.
pdf

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Casselman survey - James Graham field journal

<http://archives.brandonu.ca/en/permalink/descriptions10732>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 1.1.2

File Number: 2

Accession Number: 1-2010

GMD: textual records

Date Range: 2003

Physical Description: 71 pp.

Material Details: PDF

Scope and Content:

Record of excavation methods, items recovered, features, local environment and weather noted by crew chief.

Name Access: James Graham

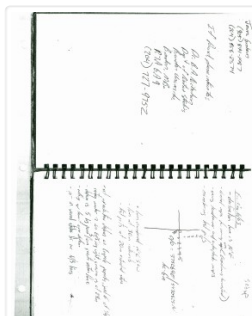
Casselman survey - field journals

Subject Access: Archaeology

Crepeele locale

Casselman survey

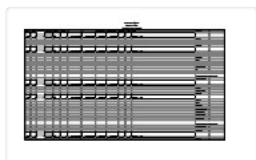
Documents



1.1.2.2_Ca03_JG_FJ.pdf

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Lovstrom Block G 1988 - artifact catalogue

<http://archives.brandonu.ca/en/permalink/descriptions12633>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 3.8.1.4

Accession Number: 1-2010

GMD: textual records

Date Range: 1988

Physical Description: 81 pages

Material Details: PDF

History /

Biographical:

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

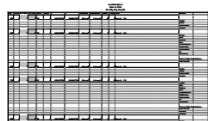
Scope and Content:

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 G 1988 - artifact catalogue

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block G

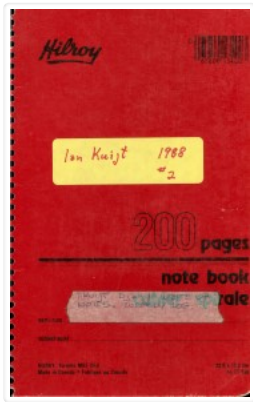
Documents



3.8.1.4_LovCat_G_88.pdf

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Lovstrom Block F - Ian Kuijt field journal

<http://archives.brandonu.ca/en/permalink/descriptions12636>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 3.7.1.2

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. Pages 8-9 relate to Block F.

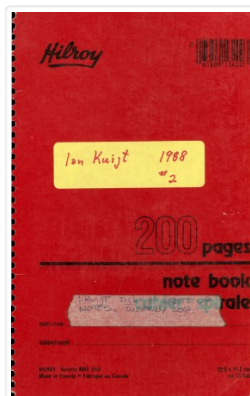
Scope and Content:

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

Name Access: Lovstrom Block F - Ian Kuijt field journal

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block F

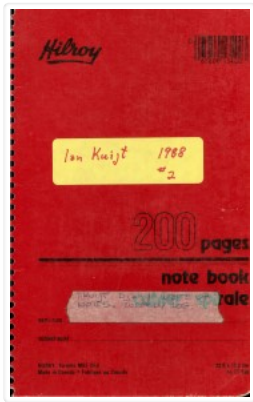
Documents



3.7.1.2.1_I_Kuijt_bk2.pdf

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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.

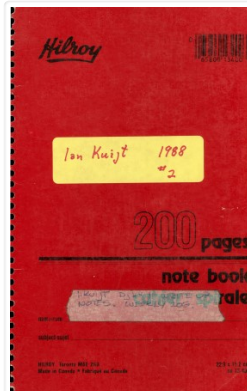
Scope and Content:

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

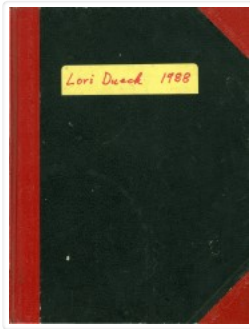


3.9.1.2.1_I_Kuijt_bk2.pdf

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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.

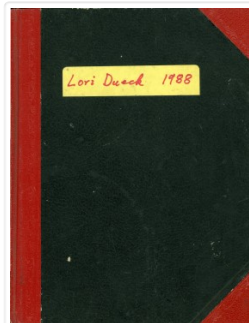
Scope and Content:

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

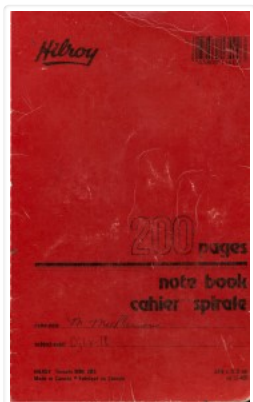
Documents



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.

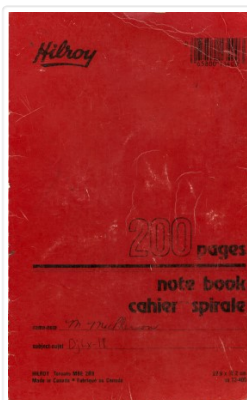
Scope and Content:

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

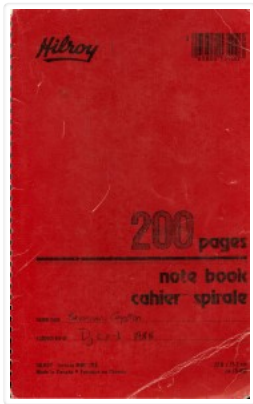
Documents



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.

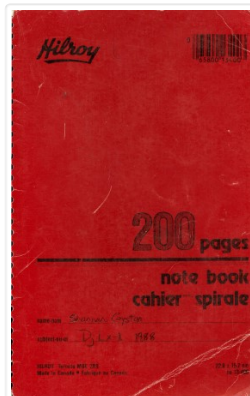
Scope and Content:

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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