



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



Crepeelee site 2004 - photographs

<http://archives.brandonu.ca/en/permalink/descriptions11730>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: sub sub sub series
Series Number: 1.2.2.5
Accession Number: 1-2010
GMD: graphic
Date Range: 2004
Physical Description: 6 photographs
Material Details: JPEGs

History /

Biographical:

Numerous photographs were taken during the excavation of the Crepeelee site 2004. A selection of photographs of features and personnel performing usual field tasks such as surveying, measuring, excavating, and taking photographs were selected for the archive.

Scope and Content:

Sub sub sub series consists of photographs taken during excavation of the Crepeelee site 2004.

Name Access: Crepeelee site 2004 - photographs
Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2004



Crepeelee site 2005 - photographs

<http://archives.brandonu.ca/en/permalink/descriptions11762>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.2.3.5

Accession Number: 1-2010

GMD: graphic

Date Range: 2005

Physical Description: 7 photographs

Material Details: JPEGs

History /

Biographical:

Numerous photographs were taken during the excavation of the Crepeelee site 2005. A selection of photographs of features and personnel performing usual field tasks such as surveying, measuring, excavating, and taking photographs were selected for the archive.

Scope and Content:

Sub sub sub series consists of photographs taken during excavation of the Crepeelee site 2005.

Name Access: Crepeelee site 2005 - photographs

Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2005



Crepeelee site 2007 - photographs

<http://archives.brandonu.ca/en/permalink/descriptions11779>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.2.4.5

Accession Number: 1-2010

GMD: graphic

Date Range: 2007

Physical Description: 9 photographs

Material Details: JPEGs

History /

Biographical:

Numerous photographs were taken during the excavation of the Crepeelee site 2007. A selection of photographs of features and personnel performing usual field tasks such as surveying, measuring, excavating, and taking photographs were selected for the archive.

Scope and Content:

Sub sub sub series consists of photographs taken during excavation of the Crepeelee site 2007.

Name Access: Crepeelee site 2007 - photographs

Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2007



Crepeelee site 2008 - photographs

<http://archives.brandonu.ca/en/permalink/descriptions11964>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.2.5.5

Accession Number: 1-2010

GMD: graphic

Date Range: 2008

Physical Description: 11 photographs

Material Details: JPEGs

History /

Biographical:

Numerous photographs were taken during the excavation of the Crepeelee site 2008. A selection of photographs of features and personnel performing usual field tasks such as surveying, measuring, excavating, and taking photographs were selected for the archive.

Scope and Content:

Sub sub sub series consists of photographs taken during excavation of the Crepeelee site 2008.

Name Access: Crepeelee site 2008 - photographs

Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2008



Crepeelee site 2003 - photographs

<http://archives.brandonu.ca/en/permalink/descriptions11714>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.2.1.5

Accession Number: 1-2010

GMD: graphic

Date Range: 2003

Physical Description: 5 photographs

Material Details: JPEGs

History /

Biographical:

Numerous photographs were taken during the excavation of the Crepeelee site 2003. A selection of photographs of personnel performing usual field tasks such as surveying, measuring, excavating, and taking photographs were selected for the archive.

Scope and Content:

Sub sub sub series consists of photographs taken during excavation of the Crepeelee site 2003.

Name Access: Crepeelee site 2003 - photographs

Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2003



Crepeele site 2004 - summary information

<http://archives.brandonu.ca/en/permalink/descriptions11726>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.2.2.1

Accession Number: 1-2010

GMD: multiple media

Date Range: 2004

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:

The Crepeele site was identified from the results of the Casselman survey and excavated in 2003. Further units 1 to 8 were excavated in 2004. Funding was through the SCAPE project, directed by Dr. Bev Nicholson. The site was excavated by Crew Chief Tomasin Playford and crew.

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: Crepeele site 2004 - summary information

Subject Access: Archaeology
Crepeele locale
Crepeele site DiMe-29
Crepeele site 2004

Documents

ARCH 1.1 Crepeele Locale
1.2 Crepeele Site DiMe-29
1.2.2 Crepeele 2004
1.2.2.1 Summary Information

Crew Chief: Tomasin Playford with Crew of: Andrea Richards, Sarah Gordon, Sherry Lefebvre, Eric Cross

Excavation Unit	Coordinates	Excavator
Unit 1	4550N 315W	Andrea Richards
Unit 2	4550N 315W	Sarah Gordon
Unit 3	4550N 315W	Tomasin Playford
Unit 4	4550N 315W	Sherry Lefebvre
Unit 5	4550N 315W	Andrea Richards
Unit 6	4550N 315W	Eric Cross
Unit 7	4550N 315W	Tomasin Playford
Unit 8	4550N 315W	Sherry Lefebvre
Unit 9	4750N 315W	Tomasin Playford
Unit 10	4750N 315W	Sherry Lefebvre

After excavation the units 1 and 2 were consolidated together from the Crepeele site and were re-named the Gordon site (DiMe-29). The units 3-10 were re-named the Lefebvre site (DiMe-30).

1.2.2.1_C04_Summary.pdf

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Crepeelee site 2005 - field journals

<http://archives.brandonu.ca/en/permalink/descriptions11727>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: sub sub sub series
Series Number: 1.2.3.2
Accession Number: 1-2010
GMD: multiple media
Date Range: 2005
Material Details: Field journals have been scanned in multi-page PDF files.

History /

Biographical:

In 2005 the Brandon University Field School was held at both the Crepeelee and Graham sites in the Crepeelee locale.

At the Crepeelee site nine units were excavated (XU10-16 & 20, 21). Units 20 & 21 were referred to as Meadow in the notes but are considered part of the larger site based on recoveries.

Denise Ens instructed the school and James Graham was teaching assistant. Field journals were kept by both instructors.

Scope and Content:

Record of daily observations at the site including: excavation methods, items recovered, features, local environment and weather.

Name Access: Crepeelee site 2005 - field journals
Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2005



Crepeelee site 2004 - site records

<http://archives.brandonu.ca/en/permalink/descriptions11728>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: sub sub sub series
Series Number: 1.2.2.3
Accession Number: 1-2010
GMD: multiple media
Date Range: 2004
Material Details: Site records have been scanned in multi-page PDF files.

History /

Biographical:

The Crepeelee site was identified from the results of the Casselman survey and excavated in 2003. In 2004 the site was funded through the SCAPE project, directed by Bev Nicholson. The units were excavated by Crew Chief Tomasin Playford and crew.

Eight units were excavated in 2004, XU 1 to XU 8. Each unit has a separate pdf file.

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: Crepeelee site 2004 - site records
Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2004



Crepeelee site 2004 - artifact catalogue

<http://archives.brandonu.ca/en/permalink/descriptions11729>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.2.2.4

Accession Number: 1-2010

GMD: textual records

Date Range: 2004

Physical Description: 229 pages

Material Details: PDF

History /

Biographical:

Artifact catalogue containing 1258 records from Crepeelee site 2004.

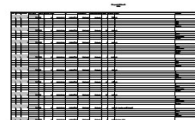
Scope and Content:

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: Crepeelee site 2004 - artifact catalogue

Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2004

Documents



1.2.2.4_C04_artcat.pdf

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Crepeelee site 2005 - summary information

<http://archives.brandonu.ca/en/permalink/descriptions11749>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.2.3.1

Accession Number: 1-2010

GMD: multiple media

Date Range: 2005

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:

In 2005 the Brandon University Field School was held at both the Crepeele and Graham sites in the Crepeele locale. Denise Ens instructed the school and James Graham was teaching assistant.

Nine units were excavated (XU10-16 & 20, 21). Units 20 & 21 were referred to as Meadow in the notes but are considered part of the larger site based on recoveries

Faunal (animal bone), lithics, fire cracked rock, diagnostic lithics and ceramics were recovered from the site.

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: Crepeele site 2005 - summary information

Subject Access: Archaeology
Crepeele locale
Crepeele site DiMe-29
Crepeele site 2005


Documents


ABC M. J. Crepeele Locals
1.2.3 Crepeele Site 2005
1.2.3.1 Summary Information
In 2005 the Brandon University Field School was held at both the Crepeele and Graham sites in the Crepeele locale.
At the Crepeele site nine units were excavated. Denise Ens instructed the school and James Graham was teaching assistant.
XU 10 - 16 and XU 20 & 21 (Meadow).

Excavation Unit	Coordinates	Excavator
XU 10	517465 N 4	Lesley Hogg
XU 11	517465 N 5	Lesley Hogg
XU 12	517465 N 6	Denise Ens
XU 13	517465 N 7	Denise Ens
XU 14	517465 N 8	Denise Ens
XU 15	517465 N 9	Denise Ens
XU 16	517465 N 10	Denise Ens
XU 20	517465 N 11	James Graham
XU 21	517465 N 12	James Graham

XU 20 & 21 was referred to as Meadow in the notes but is considered part of the larger site based on recoveries.

1.2.3.1_C05_summary.pdf

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Crepeelee site 2005 - site records

<http://archives.brandonu.ca/en/permalink/descriptions11752>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: sub sub sub series
Series Number: 1.2.3.3
Accession Number: 1-2010
GMD: multiple media
Date Range: 2005
Material Details: Site records have been scanned in multi-page PDF files.

History /

Biographical:

In 2005 the Brandon University Field School was held at both the Crepeelee and Graham sites in the Crepeelee locale.

Denise Ens instructed the school and James Graham was teaching assistant.

At the Crepeelee site nine units were excavated (XU10-16 & 20, 21). Units 20 & 21 were referred to as Meadow in the notes but are considered part of the larger site based on recoveries

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: Crepeelee site 2005 - site records
Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2005

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:

The Crepeelee site was identified from the results of the Casselman survey and excavated in 2003, 2004, 2005 and 2007.

In 2005 and 2007 the Brandon University Archaeology Field School was held at the Crepeelee site in the Crepeelee locale.

In 2008 a small crew returned to the site to gather further samples and verify profiles. Three units (XU 50, 51 and 52) were excavated with faunal (animal bone), lithics, fire cracked rock, diagnostic lithics and ceramics recovered from the site. There are 455 records in the artifact catalogue.

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: Crepeelee site 2008 - summary information

Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2008

Documents

ABC 10.1 Crepeelee Locale
1.2.1 Crepeelee Site DiMe 29
1.2.2 Crepeelee 2008
1.2.2.1 Summary Information

Excavation Unit	Excavation Coordinates	Excavator
50 50	5110N 510W	Alan Harrison & Bill Gray
51 51	5110N 510W	Andrew Lamb & Ben Nicholson
52 52	5110N 510W	Andrew Lamb

Gridlines 100m x 50m, units 17-41 & 51 were also excavated in 2008

1.2.5.1_C08_summary.pdf

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Crepeelee site 2007 - field journals

<http://archives.brandonu.ca/en/permalink/descriptions11774>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: sub sub sub series
Series Number: 1.2.4.2
Accession Number: 1-2010
GMD: multiple media
Date Range: 2007
Material Details: Field journals have been scanned in multi-page PDF files.

History /

Biographical:

In 2007 the Brandon University Archaeology Field School was held at the Crepeelee site in the Crepeelee locale. Denise Ens instructed the school with Kate Decter & Jessica MacKenzie assistants.

Seventeen units were excavated XU30 - 46. Faunal (animal bone), lithics, fire cracked rock, diagnostic lithics and ceramics were recovered from the site. There are over 3050 records in the catalogue.

Scope and Content:

Record of daily observations at the site including: excavation methods, items recovered, features, local environment and weather.

Name Access: Crepeelee site 2007 - field journals
Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2007



Crepeelee site 2007 - artifact catalogue

<http://archives.brandonu.ca/en/permalink/descriptions11778>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.2.4.4

Accession Number: 1-2010

GMD: textual records

Date Range: 2007

Physical Description: 502 pages

Material Details: PDF

History /

Biographical:

Artifact catalogue containing 3054 records from Crepeelee site 2007.

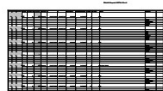
Scope and Content:

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: Crepeelee site 2007 - artifact catalogue

Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2007

Documents



1.2.4.4_C07_artcat.pdf

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Crepeelee site 2008 - field journals

<http://archives.brandonu.ca/en/permalink/descriptions11808>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: sub sub sub series
Series Number: 1.2.5.2
Accession Number: 1-2010
GMD: multiple media
Date Range: 2007
Material Details: Field journals have been scanned in multi-page PDF files.

History /

Biographical:

The Crepeelee site was identified from the results of the Casselman survey and excavated in 2003, 2004, 2005 and 2007.

In 2008 a small crew under the direction of Bev Nicholson returned to the site to gather further samples and verify profiles. Three units (XU 50, 51 and 52) were excavated. As well the Graham site 2008 was also excavated.

The field journals contain information about both the Crepeelee and Graham sites.

Scope and Content:

Record of daily observations at the site including: excavation methods, items recovered, features, local environment and weather.

Name Access: Crepeelee site 2008 - field journals
Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2008



Crepeele site 2007 - summary information

<http://archives.brandonu.ca/en/permalink/descriptions11813>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.2.4.1

Accession Number: 1-2010

GMD: multiple media

Date Range: 2007

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:

In 2007 the Brandon University Field School was held at both the Crepeele site in the Crepeele locale. Denise Ens instructed the school with Jessica McKenzie and Kate Decter as teaching assistants.

Seventeen units were excavated (XU3 - 46). Faunal (animal bone), lithics, fire cracked rock, diagnostic lithics and ceramics were recovered from the site.

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: Crepeele site 2007 - summary information

Subject Access: Archaeology
Crepeele locale
Crepeele site DiMe-29
Crepeele site 2007

Documents

1.2.4.1_C07_summary.pdf

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Crepeelee site 2008 - artifact catalogue

<http://archives.brandonu.ca/en/permalink/descriptions11817>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.2.5.4

Accession Number: 1-2010

GMD: textual records

Date Range: 2008

Physical Description: 89 pages

Material Details: PDF

History /

Biographical:

Artifact catalogue containing 455 records from Crepeelee site 2008.

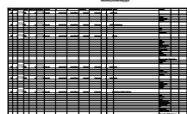
Scope and Content:

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: Crepeelee site 2008 - artifact catalogue

Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2008

Documents



1.2.5.4_C08_artcat.pdf

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Crepeelee site 2003 - site records

<http://archives.brandonu.ca/en/permalink/descriptions11715>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.2.1.3

Accession Number: 1-2010

GMD: multiple media

Date Range: 2003

Material Details: Site records have been scanned in multi-page PDF files.

History /

Biographical:

The Crepeelee site was excavated in 2003 as Crepeelee 3. Standard archaeological methods were used to excavate the units. Site records of excavation units XU 110 – 113 are in separate pdf files.

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: Crepeelee site 2003 - site records

Subject Access: Archaeology
Crepeelee locale
Crepeelee site DiMe-29
Crepeelee site 2003