

# S. J. McKee Archives

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## Crepeelee 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 Crepeelee 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: Crepeelee site 2004 - summary information

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

## Documents

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

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

| Excavation Unit | Catalogue Co-ordinates | Excavator        |
|-----------------|------------------------|------------------|
| Unit 1          | 4550N 315W             | Andrew Richards  |
| Unit 2          | 4550N 315W             | Sarah Gordon     |
| Unit 3          | 4550N 315W             | Tomasin Playford |
| Unit 4          | 4550N 315W             | Sherry Lefebvre  |
| Unit 5          | 4550N 315W             | Andrew 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 separately from the Crepeelee site and were re-excavated by Gordon in 2004. The 10th unit was re-excavated in 2011 and is now in Archives 1.2.2.1 (DiMe-29).

1.2.2.1\_C04\_Summary.pdf

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# Crepeele 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 101.1 Crepeele Locale  
1.2.3 Crepeele Site DiMe 29  
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. 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           | 51°04'N 100°04'W | James Graham |
| XU 11           | 51°04'N 100°04'W | Denise Ens   |
| XU 12           | 51°04'N 100°04'W | Denise Ens   |
| XU 13           | 51°04'N 100°04'W | Denise Ens   |
| XU 14           | 51°04'N 100°04'W | Denise Ens   |
| XU 15           | 51°04'N 100°04'W | Denise Ens   |
| XU 16           | 51°04'N 100°04'W | Denise Ens   |
| XU 20           | 51°04'N 100°04'W | Denise Ens   |
| XU 21           | 51°04'N 100°04'W | Denise Ens   |

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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## Crepelee site 2008 - summary information

<http://archives.brandonu.ca/en/permalink/descriptions11773>

|                    |  |
|--------------------|--|
| Part Of:           | RG 7 Beverley Nicholson fonds  |
| Description Level: | sub sub sub series   |
| Series Number:     | 1.2.5.1  |
| Accession Number:  | 1-2010   |
| GMD:               | multiple media   |
| Date Range:        | 2008   |
| 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 Crepelee 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 Crepelee site in the Crepelee 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 coordinates of excavations, personnel and their staff position.

|                 |   |
|-----------------|---|
| Name Access:    | Crepelee site 2008 - summary information                                      |
| Subject Access: | Archaeology<br>Crepelee locale<br>Crepelee site DiMe-29<br>Crepelee site 2008 |

## Documents

1.2.5.1\_C08\_summary.pdf

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## Graham site 2006 - summary information

<http://archives.brandonu.ca/en/permalink/descriptions11923>

|                    |  |
|--------------------|--|
| Part Of:           | RG 7 Beverley Nicholson fonds  |
| Description Level: | sub sub sub series   |
| Series Number:     | 1.4.3.1  |
| Accession Number:  | 1-2010   |
| GMD:               | multiple media   |
| Date Range:        | 2006   |
| 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 Graham site is located south of the Crepeele site. Due to the close proximity the Graham and Crepeele sites have both been the site of the Brandon University Archaeological Field School.

In 2006 a small Brandon University Archaeology Field School was conducted at the Graham site. Four excavations (XU 7, 8 15 & 16) were completed with Denise Ens Instructor and Jessica MacKenzie Teaching Assistant.

Recoveries included faunal (mostly bison), lithics and ceramics Recoveries included faunal (mostly bison), lithics (points, scrapers), and ceramics.

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: Graham site 2006 - summary information


Subject Access: Archaeology  
Crepeele locale  
Graham site DiMe-30  
Graham site 2006

## Documents

ABCHS 1. Crepeele Locale  
1.4.3.1 Graham site 2006 - summary information  
1.4.3.1.1 Summary Information  
Brandon University Archaeology Field School: Denise Ens Instructor,  
Jessica MacKenzie Assistant

| Excavation Unit | Catalogue Coordinates | Excavator                     |
|-----------------|-----------------------|-------------------------------|
| XU 7            | 11002750N             | Denise Ens                    |
| XU 8            | 11002750N             | Denise Ens                    |
| XU 15           | 11002750N             | Denise Ens, Jessica MacKenzie |
| XU 16           | 11002750N             | Denise Ens, Jessica MacKenzie |

1.4.3.1\_  
Graham06\_Summary.p  
df

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## Graham site 2008 - summary information

<http://archives.brandonu.ca/en/permalink/descriptions11951>

|                    |  |
|--------------------|--|
| Part Of:           | RG 7 Beverley Nicholson fonds  |
| Description Level: | sub sub sub series   |
| Series Number:     | 1.4.4.1  |
| Accession Number:  | 1-2010   |
| GMD:               | multiple media   |
| Date Range:        | 2008   |
| 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 2008 Brandon University Archaeology returned to the Crepeele locale to conduct further testing at the Graham and Crepeele sites. Four units (XU 47-49 & 53) were excavated at Graham 2008 in order to collect samples and add further data to previous excavations. The usual excavation methodology was employed.

The small crew was directed by Bev Nicholson with Crew of Bill Foy, Andrew Lints & Kim Harrison

Recoveries included faunal (mostly bison), lithics and ceramics.

#### 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:    | Graham site 2008 - summary information                                    |
| Subject Access: | Archaeology<br>Crepeele locale<br>Graham site DiMe-30<br>Graham site 2008 |

## Documents

ABCH 1.1 Crepeele Locale  
1.4 Graham Site 2008\_30  
1.4.4 Graham 2008  
1.4.4.1 Summary Information

Director: Bev Nicholson with Crew of Bill Foy, Andrew Lints & Kim Harrison

| Excavation Unit | Coordinates | Excavator                    |
|-----------------|-------------|------------------------------|
| XU 47           | 4725N/51W   | Bill Foy                     |
| XU 48           | 4725N/51W   | Andrew Lints & Bev Nicholson |
| XU 49           | 4725N/51W   | Kim Harrison & Bev Nicholson |
| XU 53           | 4902N/51W   | Bill Foy                     |

Four units were excavated at Graham 2008 in order to collect samples and add further data to previous excavations. The usual excavation methodology was employed.

1.4.4.1\_Graham08\_Summary.pdf

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## Graham site 2008 - Bev Nicholson field journal

<http://archives.brandonu.ca/en/permalink/descriptions11960>

|                       |   |
|-----------------------|---|
| Part Of:              | RG 7 Beverley Nicholson fonds                             |
| Description Level:    | File  |
| Series Number:        | 1.4.4.2   |
| File Number:          | 1   |
| Accession Number:     | 1-2010  |
| GMD:                  | multiple media  |
| Date Range:           | 2008  |
| Physical Description: | 6 pages   |
| Material Details:     | Field journals have been scanned in multi-page PDF files. |
| History /             |   |
| Biographical:         |   |

In 2008 Brandon University Archaeology returned to the Crepeele locale to conduct further testing at the Graham and Crepeele sites. Four units (XU 47-49 & 53) were excavated at Graham 2008 in order to collect samples and add further data to previous excavations. The usual excavation methodology was employed.

The small crew was directed by Bev Nicholson with Crew of Bill Foy, Andrew Lints & Kim Harrison

Recoveries included faunal (mostly bison), lithics and ceramics.

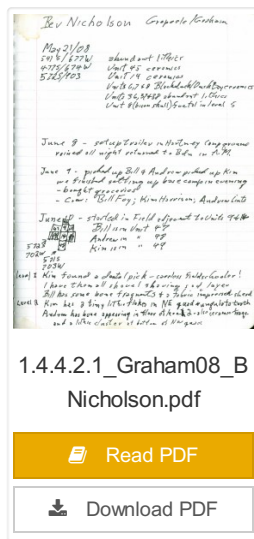
The field journals contain information about both the Crepeele and Graham sites 2008.

### Scope and Content:

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

|                 |   |
|-----------------|---|
| Name Access:    | Graham site 2008 - Bev Nicholson field journal                            |
| Subject Access: | Archaeology<br>Crepeele locale<br>Graham site DiMe-30<br>Graham site 2008 |

### Documents



## Graham site 2008 - Kim Harrison field journal

<http://archives.brandonu.ca/en/permalink/descriptions11961>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 1.4.4.2

File Number: 3

Accession Number: 1-2010

GMD: multiple media

Date Range: 2008

Physical Description: 10 pages

Material Details: Field journals have been scanned in multi-page PDF files.

History /

Biographical:

In 2008 Brandon University Archaeology returned to the Crepeele locale to conduct further testing at the Graham and Crepeele sites. Four units (XU 47-49 & 53) were excavated at Graham 2008 in order to collect samples and add further data to previous excavations. The usual excavation methodology was employed.

The small crew was directed by Bev Nicholson with Crew of Bill Foy, Andrew Lints & Kim Harrison

Recoveries included faunal (mostly bison), lithics and ceramics.

The field journals contain information about both the Crepeele and Graham sites 2008.

Scope and Content:

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

Name Access: Graham site 2008 - Kim Harrison field journal



Subject Access: Archaeology  
Crepeele locale  
Graham site DiMe-30  
Graham site 2008

## Documents

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## Graham site 2008 - Bill Foy field journal

<http://archives.brandonu.ca/en/permalink/descriptions11962>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 1.4.4.2

File Number: 4

Accession Number: 1-2010

GMD: multiple media

Date Range: 2008

Physical Description: 20 pages

Material Details: Field journals have been scanned in multi-page PDF files.

## History /

### Biographical:

In 2008 Brandon University Archaeology returned to the Crepeelee locale to conduct further testing at the Graham and Crepeelee sites. Four units (XU 47-49 & 53) were excavated at Graham 2008 in order to collect samples and add further data to previous excavations. The usual excavation methodology was employed.

The small crew was directed by Bev Nicholson with Crew of Bill Foy, Andrew Lints & Kim Harrison

Recoveries included faunal (mostly bison), lithics and ceramics.

The field journals contain information about both the Crepeelee and Graham sites 2008.

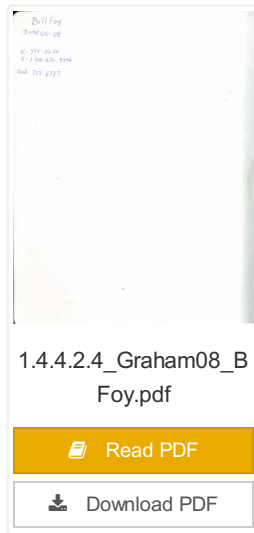
### Scope and Content:

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

|                 |  |
|-----------------|--|
| Name Access:    | Graham site 2008 - Bill Foy field journal                                  |
| Subject Access: | Archaeology<br>Crepeelee locale<br>Graham site DiMe-30<br>Graham site 2008 |

## Documents

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## Crepeelee site 2008 - Andrew Lints field journal

<http://archives.brandonu.ca/en/permalink/descriptions11963>

|                    |                               |
|--------------------|-------------------------------|
| Part Of:           | RG 7 Beverley Nicholson fonds |
| Description Level: | sub sub sub series            |
| Series Number:     | 1.2.5.2                       |
| File Number:       | 2                             |



Accession Number: 1-2010

GMD: multiple media

Date Range: 2008

Physical Description: 13 pages

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 2008.

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 - Andrew Lints field journal

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

## Documents

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## Crepeelee site 2003 - summary information

<http://archives.brandonu.ca/en/permalink/descriptions11965>

Part Of: RG 7 Beverley Nicholson fonds



Description Level: sub sub sub series

Series Number: 1.2.1.1

Accession Number: 1-2010

GMD: multiple media

Date Range: 2003

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. The site is located within the Crepeele locale approximately 400 meters to the west of the Sarah site. The units were excavated by Crew Chief James Graham and the crew from the survey.

The Crepeele site was excavated in 2003 as Crepeele 3 with the units numbered as units 10, 11, 12 & 13. These numbers have been changed on the catalogue to XU 110 – 113, due to duplication in 2005. Corresponding documents have been changed but there may be some reference to the initial numbers in the field journals.

The artifacts recovered from these four excavations are faunal (animal bone), mainly bison, lithic materials (stone tools and flakes) and some ceramic (pottery). The artifact catalogue has over 600 records.

### 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: Crepeele site 2003 - summary information

Subject Access: Archaeology  
Crepeele locale  
Crepeele site DiMe-29  
Crepeele site 2003  
Crepeele site 2003 - summary information

## Documents

ABCH 1.1 Crepeele Locale  
1.2 Crepeele Site DiMe-29  
1.2.1 Crepeele 2003  
1.2.1.1 Summary Information

The Crepeele site is located within the Crepeele locale and approximately 400 meters to the west of the Sarah site. The site was excavated in 2003 as Crepeele 3. The date year of 2003-03 was used for the survey was also used for the excavation. A locale datum of 100 was established for the site and given the co-ordinates of 100205000.

Crepeele site 2003  
The site was originally excavated as Crepeele 3, 10, 11, 12 & 13. These numbers have been changed on the catalogue to XU 110 – 113, due to duplication in 2005.

Crew Chief James Graham

| Excavation Unit | Original Name | Current Name | Excavator    |
|-----------------|---------------|--------------|--------------|
| XU 110          | 100205000     | 100205000    | James Graham |
| XU 111          | 100205001     | 100205001    | James Graham |
| XU 112          | 100205002     | 100205002    | James Graham |
| XU 113          | 100205003     | 100205003    | James Graham |

1.2.1.1\_  
C03\_summary.pdf

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## 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:

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

From 2003 to 2008 field work took place at the Crepee 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 Crepee 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.

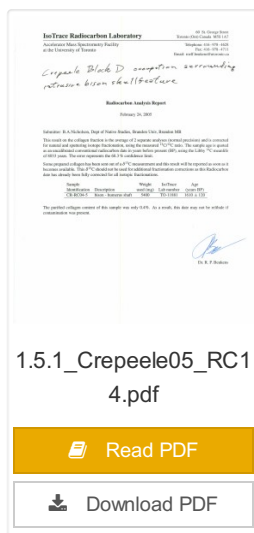
### Scope and Content:

Sub sub series contains radiocarbon dates from: Crepee, Sarah and Graham sites.

Name Access: Crepee locale Radiocarbon Report I

Subject Access: Archaeology  
Crepee locale  
Crepee locale Radiocarbon Dates

## Documents



## Crepeele locale Radiocarbon Report II

<http://archives.brandonu.ca/en/permalink/descriptions11969>

|                       |   |
|-----------------------|---|
| Part Of:              | RG 7 Beverley Nicholson fonds                                       |
| Description Level:    | Sub sub series  |
| Series Number:        | 1.5.2   |
| Accession Number:     | 1-2010  |
| GMD:                  | multiple media  |
| Date Range:           | 2003-2008   |
| Physical Description: | 8 pages   |
| Material Details:     | Radiocarbon date reports have been scanned in multi-page PDF files. |

Biographical:

Crepeele locale Radiocarbon Dates. C14 report by Beta Analytic Inc. for Crepeele site XU 48 and Graham site XU 54.

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.

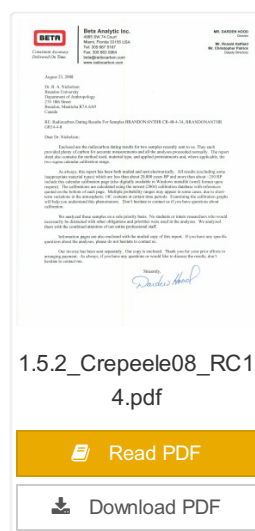
### Scope and Content:

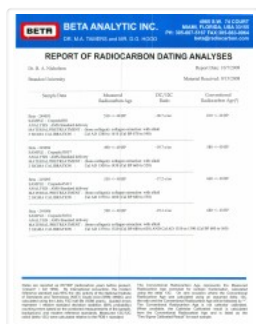
Sub sub series contains radiocarbon dates from: Crepeele, Sarah and Graham sites.

Name Access: Crepeele locale Radiocarbon Report II

Subject Access: Archaeology  
Crepeele locale  
Crepeele locale Radiocarbon Dates

## Documents





## Crepeele locale Radiocarbon Report III

<http://archives.brandonu.ca/en/permalink/descriptions11970>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub sub series

Series Number: 1.5.3

Accession Number: 1-2010

GMD: multiple media

Date Range: 2003-2008

Physical Description: 9 pages

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

History /

Biographical:

Crepeele locale Radiocarbon Dates. C14 report by Beta Analytic Inc. for Crepeele site XUs 8, 30, 50.

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 III

Subject Access: Archaeology  
Crepeele locale  
Crepeele locale Radiocarbon Dates

### Documents



**BETA ANALYTIC INC.**  
100 Rte. 108, Suite 100  
 St. John's, NL A1A 1A6

800.541.7434  
 709.754.1111  
 Fax: 709.754.1112  
 info@betanuclear.com

**REPORT OF RADIOCARBON DATING ANALYSES**

Dr. R. A. Nicholson  
 Brandon University

Report No.: 1012008  
 Material Received: 10/12/08

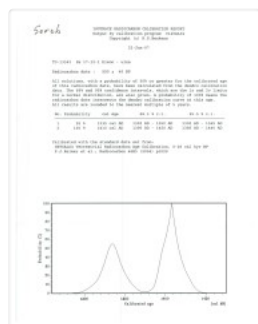
| Sample Data    | Material      | 13C (‰) | Conventional          |
|----------------|---------------|---------|-----------------------|
|                | Reference Age | Result  | Reference Age (yr BP) |
| Item 10085     | 100-1-10085   | -18.7‰  | 100-1-10085           |
| Material: Wood |               |         |                       |
| Item 10086     | 100-1-10086   | -18.7‰  | 100-1-10086           |
| Material: Wood |               |         |                       |
| Item 10087     | 100-1-10087   | -18.7‰  | 100-1-10087           |
| Material: Wood |               |         |                       |
| Item 10088     | 100-1-10088   | -18.7‰  | 100-1-10088           |
| Material: Wood |               |         |                       |
| Item 10089     | 100-1-10089   | -18.7‰  | 100-1-10089           |
| Material: Wood |               |         |                       |
| Item 10090     | 100-1-10090   | -18.7‰  | 100-1-10090           |
| Material: Wood |               |         |                       |

100-1-10085, 100-1-10086, 100-1-10087, 100-1-10088, 100-1-10089, 100-1-10090 are all from the same site and are all from the same material. The results are all within 1 sigma of each other and are all within 1 sigma of the reference age. The results are all within 1 sigma of each other and are all within 1 sigma of the reference age. The results are all within 1 sigma of each other and are all within 1 sigma of the reference age.

1.5.3\_Crepeelee08\_RC14.pdf

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## Crepeelee locale Radiocarbon Report IV

<http://archives.brandonu.ca/en/permalink/descriptions11971>

|                       |   |
|-----------------------|---|
| Part Of:              | RG 7 Beverley Nicholson fonds                                       |
| Description Level:    | Sub sub series  |
| Series Number:        | 1.5.4   |
| Accession Number:     | 1-2010  |
| GMD:                  | multiple media  |
| Date Range:           | 2003-2008   |
| Physical Description: | 2 pages   |
| Material Details:     | Radiocarbon date reports have been scanned in multi-page PDF files. |

## History /

### Biographical:

Crepeele locale Radiocarbon Dates. C14 report by IsoTrace Analytic Laboratory for Sarah site XU17.

From 2003 to 2008 field work took place at the Crepeele locale. The Crepeele, Graham and Sarah sites were excavated 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 IV

Subject Access: Archaeology  
Crepeele locale  
Crepeele locale Radiocarbon Dates

## Documents

*Sarah*

CREPEELE LOCALITY RADIOCARBON DATES  
Report by IsoTrace Analytic Laboratory  
Date: 01-12-2008

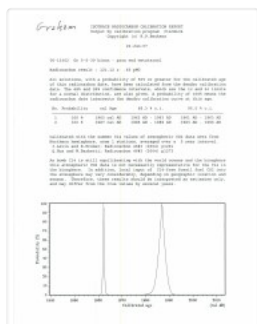
TO: CREPEELE LOCALITY RADIOCARBON DATES  
FROM: ISO TRACE ANALYTIC LABORATORY  
SUBJECT: RADIOCARBON DATES

ISO TRACE ANALYTIC LABORATORY  
10000 W. 100th Ave. Suite 100  
Denver, CO 80231-1000  
Tel: 303.755.1000  
Fax: 303.755.1001  
Email: info@iso-trace.com  
Website: www.iso-trace.com

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## Crepeelee locale Radiocarbon Report V

<http://archives.brandonu.ca/en/permalink/descriptions11972>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub sub series

Series Number: 1.5.5

Accession Number: 1-2010

GMD: multiple media

Date Range: 2003-2008

Physical Description: 2 pages

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

History /

Biographical:

Crepeelee locale Radiocarbon Dates. C14 report by IsoTrace Analytic Laboratory for Graham site XUs 5 and 8.

From 2003 to 2008 field work took place at the Crepeelee locale. The Crepeelee, Graham and Sarah sites were excavated 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 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 Report V

Subject Access: Archaeology  
Crepeelee locale  
Crepeelee locale Radiocarbon Dates

[Documents](#)





## Lovstrom Block C - site co-ordinates

<http://archives.brandonu.ca/en/permalink/descriptions12518>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 3.4.1.1

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:

Large scale excavations of five block sites took place in 1987 under the direction of Bev Nicholson with Jane Gibson as crew chief. Block C consisted of nine excavation units. Miggs Green was Block C assistant.

#### 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 C - site co-ordinates

Subject Access: Archaeology  
Lovstrom locale  
Lovstrom Block C

## Documents

3.4.1.1\_Sum.pdf

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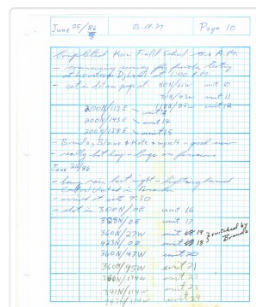


## Lovstrom survey 1986 - Nicholson field journal

<http://archives.brandonu.ca/en/permalink/descriptions12539>

|                       |   |
|-----------------------|---|
| Part Of:              | RG 7 Beverley Nicholson fonds   |
| Creator:              | Bev Nicholson   |
| Description Level:    | File  |
| Series Number:        | 3.1.2.2   |
| File Number:          | 1   |
| Accession Number:     | 1-2010  |
| GMD:                  | multiple media  |
| Date Range:           | 1986  |
| Physical Description: | 6 pages   |
| Material Details:     | Field journals have been scanned in multi-page PDF files.   |
| Scope and Content:    | Record of daily observations at the site including: excavation methods, items recovered, features, local environment and weather. |
| Name Access:          | Lovstrom survey 1986 - Nicholson field journal  |
| Subject Access:       | Archaeology<br>Lovstrom locale<br>Lovstrom survey 1986<br>Lovstrom survey 1986 - Nicholson field journal                          |

### Documents



3.1.2.2.1\_Nicholson.pdf

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## Lovstrom Block D 1987 - site co-ordinates

<http://archives.brandonu.ca/en/permalink/descriptions12542>

|                    |  |
|--------------------|--|
| Part Of:           | RG 7 Beverley Nicholson fonds  |
| Description Level: | sub sub sub series   |
| Series Number:     | 3.5.1.1  |
| 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:

Large scale excavations of five block sites took place in 1987 under the direction of Bev Nicholson with Jane Gibson as crew chief. Block D consisted of 2 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 D 1987 - site co-ordinates |
| Subject Access: | Archaeology                               |
|                 | Lovstrom locale                           |
|                 | Lovstrom Block D                          |

## Documents

ABC W & L Lovstrom Locale 1987  
3.5.1.1 Summary Information

Large scale excavations of five block sites took place in 1987 under the direction of Bev Nicholson with Jane Gibson as crew chief.

Block D consisted of 2 excavation units. The initial plan was to excavate as 1987, a subsequent plan with the excavations of 1987/1988 was used in the block's complete excavation. The final excavation was in 1987.

| Excavation | Original Crew | Original Crew | Crew          |
|------------|---------------|---------------|---------------|
| 101-11     | 101-11/1987   | 101-11/1987   | Bev Nicholson |
| 102-11     | 102-11/1987   | 102-11/1987   | Bev Nicholson |

3.5.1.1\_Sum.pdf

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# Lovstrom Block D 1988 - site co-ordinates

<http://archives.brandonu.ca/en/permalink/descriptions12555>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 3.5.2.1

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 five block sites took place in 1988 under the direction of Bev Nicholson with Ian Kuijt as crew chief. Four excavation units were added to Block D.

### 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 D 1988 - site co-ordinates

Subject Access: Archaeology  
Lovstrom locale  
Lovstrom Block D

## Documents

ABC 10 & Lovstrom Locals 1988-1

3.5.2.1 Lovstrom Block D

3.5.2.1 Summary Information:

Excavations continued in 1988 under the direction of Bev Nicholson with Ian Kuijt as crew chief.

Four additional excavation units were excavated at Block D. The total datum was established at 10000, a reference datum with the coordinates of 10000000, 10000000, 10000000, 10000000. The block was excavated on the east side.

| Excavation | Original Co-ords | Calculated Co-ords | Crew            |
|------------|------------------|--------------------|-----------------|
| 101-88     | 100001770        | 100001770          | Lynch/Nicholson |
| 102-88     | 100001770        | 100001770          | Lynch/Nicholson |
| 103-88     | 100001770        | 100001770          | Lynch/Nicholson |
| 104-88     | 100001770        | 100001770          | Lynch/Nicholson |

Further Excavated in 101-88 and 102-88

3.5.2.1\_Sum.pdf

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# Crepeele site 2008 - Bev Nicholson field journal

<http://archives.brandonu.ca/en/permalink/descriptions11809>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series





Series Number: 1.2.5.2  
File Number: 1  
Accession Number: 1-2010  
GMD: multiple media  
Date Range: 2008  
Physical Description: 6 pages  
Material Details: Field journals have been scanned in multi-page PDF files.  
History /  
Biographical:

The Crepeele 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.

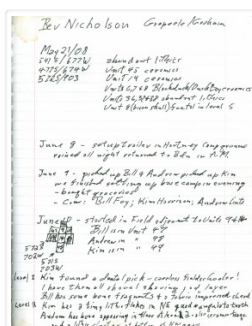
The field journals contain information about both the Crepeele and Graham sites 2008.

#### Scope and Content:

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

Name Access: Crepeele site 2008 - Bev Nicholson field journal  
Subject Access: Archaeology  
Crepeele locale  
Crepeele site DiMe-29  
Crepeele site 2008

## Documents



1.2.5.2.1\_C08\_BNicolson.pdf

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