

# S. J. McKee Archives



## Crepeelee 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 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.

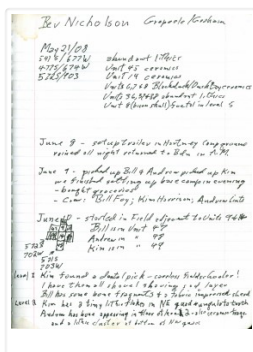
The field journals contain information about both the Crepeelee and Graham sites 2008.

### 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 - Bev Nicholson field journal
Subject Access:	Archaeology Crepeelee locale Crepeelee site DiMe-29 Crepeelee site 2008

### Documents



1.2.5.2.1\_C08\_BNicholson.pdf

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## Graham site 2008 - Andrew Lints field journal

<http://archives.brandonu.ca/en/permalink/descriptions11810>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 1.4.4.2

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:

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:

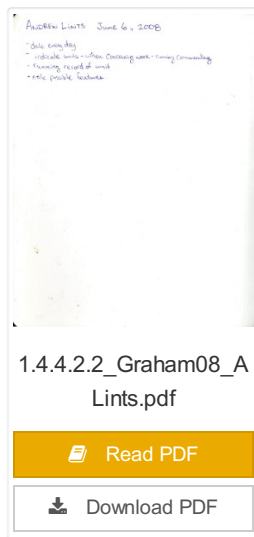
Record of daily observations at the site including: excavation methods, items recovered, features, local environment and weather.

Name Access: Graham site 2008 - Andrew Lints field journal

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

## Documents

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# Crepeele site 2008 - Kim Harrison field journal

<http://archives.brandonu.ca/en/permalink/descriptions11811>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: File

Series Number: 1.2.5.2

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: Crepeele site 2008 - Kim Harrison field journal

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

## Documents

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## Crepeele site 2008 - Bill Foy field journal

<http://archives.brandonu.ca/en/permalink/descriptions11812>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.2.5.2

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:

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:

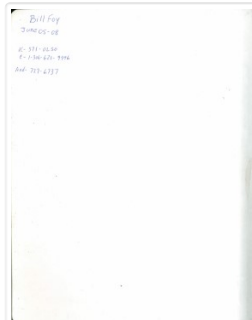
Record of daily observations at the site including: excavation methods, items recovered, features, local environment and weather.

Name Access: Crepeele site 2008 - Bill Foy field journal

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

#### Documents

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## 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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## Sarah site 2004 - summary information

<http://archives.brandonu.ca/en/permalink/descriptions11856>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.3.2.1

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 Sarah site was initially chosen for excavation based on the results of the Casselman survey. The survey recovered significant amounts of faunal remains, some ceramics and lithics from the test pits. Excavations took place in 2003 at the Sarah site DiMe-28.

In 2004 further excavation took place as part of a Brandon University Archaeology Field School. Units 10 to 18 were excavated with Denise Ens as the instructor and James Graham teaching 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: Sarah site 2004 - summary information

Subject Access: Archaeology  
Crepelee locale  
Sarah site DiMe-28  
Sarah site 2004

## Documents

ABU 11.1 Crepelee Locale  
1.3 Sarah DiMe-28  
1.3.2.1 Summary Information

In 2004 the Brandon University Field School was held at the Sarah site in the Crepelee locale. Nine units were excavated (10-18).

Denise Ens was the instructor and James Graham the Teaching Assistant.

The following units were excavated:

Excavation Unit	Excavator	Recorder
Unit 10	ABU2004	Cathy Patterson
Unit 11	ABU2004	James McCreary
Unit 12	ABU2004	Anthony C. Corney
Unit 13	ABU2004	James Patterson
Unit 14	ABU2004	Eric Enns
Unit 15	ABU2004	Michael Graham
Unit 16	ABU2004	Paul Thompson
Unit 17	ABU2004	James Graham, Denise Ens
Unit 18	ABU2004	James Graham, Denise McCreary

1.3.2.1\_Sarah04\_Summary.pdf

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# Graham site 2004 - summary information

<http://archives.brandonu.ca/en/permalink/descriptions11888>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.4.1.1

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 Graham site was initially designated as a separate site early in the testing of the Crepeele locale due to what appeared to be a distinction between Early and Late Woodland ceramics. Subsequent testing has shown that this distinction was premature and that the cultural mosaic represented in the western section of the Crepeele locale does not readily separate in this manner.

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 2004 - summary information

Subject Access: Archaeology  
Crepeele locale  
Graham site DiMe-30  
Graham site 2004

## Documents

ARCH 1.1 Crepeele Locale  
1.4 Graham Site 2004-20  
1.4.1 Graham 2004  
1.4.1.1 Summary Information  
Core Unit: Thomas Playford, Core Wayne Kuhn and Andrew Richards  
Graham Site 1.4.1.1  
Excavation Unit: Catalogue Coordinates  
Site ID: 1000000  
Site ID: 1000000  
Excavation: Thomas Playford & Andrew Richards

The units 9 and 11 were excavated with the Crepeele site in 2004 and were re-designated to the Graham site 2004-20 keeping the same unit numbers.

1.4.1.1\_Graham04\_Summary.pdf

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# Graham site 2005 - summary information





<http://archives.brandonu.ca/en/permalink/descriptions11905>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: sub sub sub series

Series Number: 1.4.2.1

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:

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 2005 both sites were excavated as part of the Field School experience instructed by Denise Ens with teaching assistant James Graham Six units (XU 1-6) were excavated at the Graham site.

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 2005 - summary information

Subject Access: Archaeology  
Crepeele locale  
Graham site DiMe-30  
Graham site 2005

## Documents

1.4.2.1\_Graham05\_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

ABU 31.1 Crepeele Locale  
1.4 Graham Site 2006\_06  
1.4.3.1 Summary Information

Brandon University Archaeology Field School: Denise Ens Instructor,  
Jessica MacKenzie Assistant

Excavation Unit	Catalogue Coordinates	Excavator
XU 7	1110212N	Denise Ens
XU 8	1110212N	Denise Ens
XU 15	1100212N	Denise Ens, Jessica MacKenzie
XU 16	1100212N	Denise Ens, Jessica MacKenzie

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Graham06\_Summary.p  
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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 Crepeele locale Graham site DiMe-30 Graham site 2008

## Documents

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 Crepelee locale to conduct further testing at the Graham and Crepelee 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 Crepelee and Graham sites 2008.

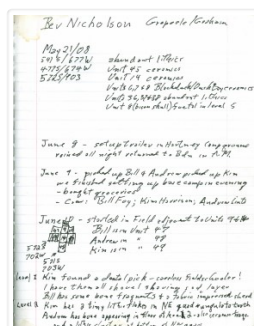
### Scope and Content:

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  
Crepelee locale  
Graham site DiMe-30  
Graham site 2008

## Documents



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## 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 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 - Bill Foy field journal

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

## Documents



1.4.4.2.4\_Graham08\_B  
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## Crepeele 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 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.

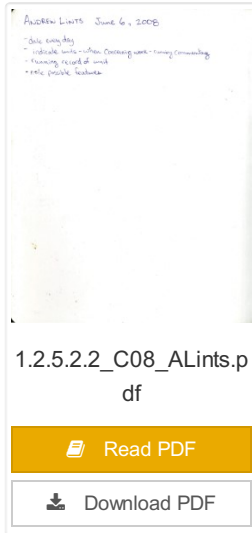
## Scope and Content:

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

Name Access: Crepeele site 2008 - Andrew Lints field journal

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

## Documents



## Crepeele 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 Crepeelee site was identified from the results of the Casselman survey. The site is located within the Crepeelee 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 Crepeelee site was excavated in 2003 as Crepeelee 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: Crepeelee site 2003 - summary information

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

## Documents

ARCH 1.1 Crepeelee Locale  
1.2 Crepeelee Site DiMe-29  
1.2.1 Crepeelee 2003  
1.2.1.1 Summary Information


The Crepeelee site is located within the Crepeelee locale and approximately 400 meters to the west of the Sarah site. Crepeelee site was excavated in 2003 as Crepeelee 3. The datum point of DiMe-29 that was used for the survey was also used for the excavation. A locally dated of 2003 was then established for the site and given the coordinates of 480200N 6700E.

Crepeelee site 2003  
The site was originally excavated as Crepeelee 3, 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 Count	Catalogue Count	Excavator
XU 110	400/110/10	400/110/10	Field to members
XU 111	400/110/11	400/110/11	Emily Small
XU 112	400/110/12	400/110/12	Wade Crane
XU 113	400/110/13	400/110/13	Lisa Thompson

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C03\_summary.pdf

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## Crepeelee 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 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



1.5.1\_Crepeelee05\_RC1

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## Crepeelee 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.

History /

Biographical:

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

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

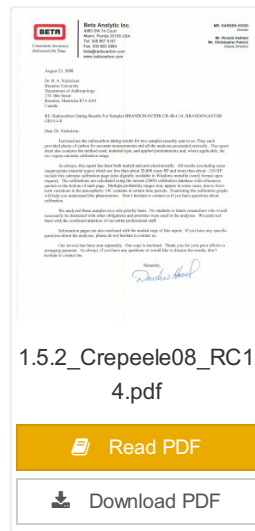
Scope and Content:

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

Name Access: Crepeelee locale Radiocarbon Report 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.**  
13600 W. 31st Ave., Suite 100  
Westminster, CO 80040  
Tel: 303.427.4747 Fax: 303.427.4748  
www.betainc.com

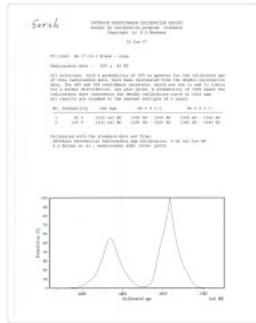
**REPORT OF RADIOCARBON DATING ANALYSES**  
Dr. R. A. Nicholson Report No.: 01012008  
Material Received: 01/12/08

Sample ID	Material	13C (‰)	Conventional Radiocarbon Age (BP)
01012008-001	100 ± 1000	-26.1‰	100 ± 1000
01012008-002	100 ± 1000	-26.1‰	100 ± 1000
01012008-003	100 ± 1000	-26.1‰	100 ± 1000
01012008-004	100 ± 1000	-26.1‰	100 ± 1000
01012008-005	100 ± 1000	-26.1‰	100 ± 1000
01012008-006	100 ± 1000	-26.1‰	100 ± 1000
01012008-007	100 ± 1000	-26.1‰	100 ± 1000
01012008-008	100 ± 1000	-26.1‰	100 ± 1000
01012008-009	100 ± 1000	-26.1‰	100 ± 1000
01012008-010	100 ± 1000	-26.1‰	100 ± 1000

1.5.3\_Crepeele08\_RC1  
4.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:

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

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

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

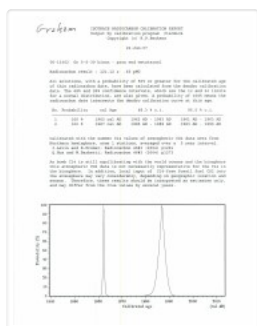
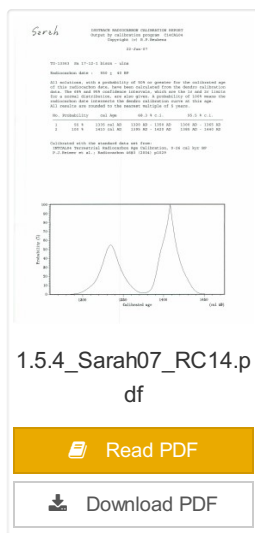
### Scope and Content:

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

Name Access: Crepeelee locale Radiocarbon Report IV

Subject Access: Archaeology  
Crepeelee locale  
Crepeelee locale Radiocarbon Dates

### Documents



## Crepeele 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.

Biographical:

Crepeele 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 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.

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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 V

Subject Access: Archaeology  
Crepee locale  
Crepee locale Radiocarbon Dates

## Documents

