

# S. J. McKee Archives



## Lovstrom Block H - summary

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

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 3.9

Accession Number: 1-2010

GMD: multiple media

Date Range: 1988 - 1991

History /

Biographical:

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

The excavations of the eight 1m<sup>2</sup> units in 1988 resulted in the recovery of over 650 ceramic fragments including 20 rim sherds from at least four vessels, a grooved maul, fire-cracked rock, lithic debitage and a reworked Avonlea projectile point. A large amount of bison bone, including a number of axial elements and a fragmented skull were also recovered.

Based on the 1988 recoveries at the site further excavations took place in 1991. Nine excavation units were opened next to the previous excavations. Another 250 ceramic sherds were recovered in 1991. Nine vessels have been identified based on rim sherds. Vickers Focus and Woodland vessels have been identified and two vessels similar to Scattered Village Complex were recovered.

The lithic material assemblage is intermediate between Blocks G and E with KRF being the most frequent material category followed by local cherts.

Two features, a hearth and a curvilinear arrangement of rock were recovered. The high numbers of ceramic fragments suggests a habitation area, rather than hunting or butchering behavior. However, the separation of occupations at the site is difficult to establish and there may be different uses of the site by successive occupations.

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

Scope and Content:

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

Name Access: Lovstrom Block H - summary

Subject Access: Archaeology  
Lovstrom locale  
Lovstrom Block H



## Delta Chapter (Brandon) - Delta Kappa Gamma Society International fonds

<http://archives.brandonu.ca/en/permalink/descriptions12707>

Part Of: RG 5 Western Manitoba Manuscript Collection

Description Level: Fonds

Accession Number: 11-2011

GMD: textual records

Date Range: April 7, 1979

Physical Description: one document 10"x14"

Physical Condition: Good

History /

Biographical:

The Delta Kappa Gamma Society International, which was established in 1929, is a professional honorary Society of women educators. The Society promotes professional and personal growth of its members and excellence in education. Membership is by invitation only and considered a prestigious honor with a variety of benefits and privileges.

Custodial History:

The document was in the possession of Merle Orth, Chair of the Archives Committee for the chapter prior to its donation to the McKee Archives.

Scope and Content:

Fonds consists of the organizational charter of the Brandon chapter of the Delta Kappa Gamma Society International.

Notes: History/Bio information taken from the Delta Kappa Gamma Society International webpage:  
[http://www.dkg.org/site/c.meJMIOOwErH/b.5815955/k.E082/About\\_DKG.htm](http://www.dkg.org/site/c.meJMIOOwErH/b.5815955/k.E082/About_DKG.htm)  
[October 5, 2012]. Description by Tom Mitchell.

Storage Location: 2011 accessions



## Crepeelee locale Radiocarbon Dates

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

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 1.5

Accession Number: 1-2010

GMD: textual records

Date Range: 2003-2008

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

History /

Biographical:

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

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

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

To help establish the cultural sequence at the locale Radiocarbon dates were obtained from the three sites in the Crepeelee locale.

Radiocarbon dating

The technique of radiocarbon dating was developed by Willard Libby and his colleagues at the University of Chicago in 1949.

Radiocarbon dating is used to estimate the age of organic remains from archaeological sites. Organic matter has a radioactive form of carbon (C14) that begins to decay upon death. C14 decays at a steady, known rate of a half life of 5,730 years. The technique is useful for material up to 50,000 years. Fluctuations of C14 in the atmosphere can affect results so dates are calibrated against dendrochronology. Radiocarbon dates are calibrated to calendar years.

Dates are reported in radiocarbon years or Before Present. Before Present refers to dates before 1950. The introduction of massive amounts of C14, due to atomic bomb and surface testing of atomic weapons, has widely increased the standard deviation on all dates after A.D. 1700 causing these dates to be unreliable.

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

Scope and Content:

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

Name Access: Crepeelee locale Radiocarbon Dates

Subject Access: Archaeology  
Crepeelee locale  
Crepeelee locale Radiocarbon Dates



## Atkinson site - DiMe-27

<http://archives.brandonu.ca/en/permalink/descriptions12080>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 2.1

Accession Number: 1-2010

GMD: multiple media

Date Range: 2003-2006

History /

Biographical:

The Atkinson site was named for the landowners Ken and Karen Atkinson who were very helpful to the archaeology and geoarchaeology crews that worked at the site. Their support made the project possible.

The Atkinson site story begins with the discovery of a charcoal lens eroding from the north bank of the Souris River in the summer of 2002. Study of Cultural Adaptations on the Prairie Ecozone (SCAPE) project geoarchaeologist Dr. Garry Running was exploring the stratigraphic layering in the bank when he noted the lens and reported it to Dr. Bev Nicholson. Upon closer examination, a tiny pressure flake was observed on the lens exposure and it was decided to collect a charcoal sample for radiocarbon dating.

The resulting date of 5250B.P cal. 4225 B.C. placed the site in the early Archaic period. A second date on bone collagen of 5580B.P. cal. 4500 B.C. confirmed the earlier date and gave an averaged date of circa 4400 B.C or 6,500 years ago.

The Atkinson site is one of the oldest excavated sites in Manitoba. Based on the date of the site and the kind of lithics (stone tools) present it is considered a Gowen occupation. The Atkinson site is evidence that bison hunters were active on the northern plains at a very early date. Similar sites have also been found on the High Plains in the U.S. and are referred to as the Mummy Cave Complex.

The Atkinson Site is of great importance as it is the first undisturbed site of this type to be excavated in Manitoba and extends the range of these sites south and east from the type-sites in central Saskatchewan. Based on the date and sample evidence further excavations were conducted by Dr. Nicholson's team. in 2003, 2004 and 2006.

Scope and Content:

Sub series has been divided into three sub sub series including: (1) Atkinson 2003, (2) Atkinson 2004; (3) Atkinson 2006

Name Access: Atkinson site DiMe-27

Subject Access: Archaeology  
North Lauder locale  
Atkinson site DiMe-27



## Lovstrom Block B - summary

<http://archives.brandonu.ca/en/permalink/descriptions12479>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 3.3

Accession Number: 1-2010

GMD: multiple media

Date Range: 1987

History /

Biographical:

Block B consisted of 20 contiguous 1m<sup>2</sup> units excavated to 30 cm below surface. (except unit 58 which was excavated to 35 cm bs to obtain extended soil profile). The block is situated in recent oak and poplar forest at the head of a ravine leading to Jock's Creek, adjacent to an area cleared for market gardening. As was the case with Block A, the understory is heavily overgrown with hazelnut, chokecherry, saskatoon, and a poison ivy/sarsaparilla ground cover.

The soil levels below the sod in Block B consisted of a black, silty, and gritty loam layer from 5 cm to 23 cm below surface, a yellow and sandy clay from 23 cm to 30 cm below surface, and glacial till at 30 cm below surface. As in Block A, limestone cobbles were found throughout the occupation level around the bone. It is evident that bioturbation – primarily tree roots and rodent burrowing – have significantly altered patterns of original deposition of lithics, ceramics and small bone.

The faunal layer lay close to the surface, situated entirely in the black loam 5 cm – 23 cm below surface. The 23 cm depth also marked the end of the dark silty loam. At 10 cm below surface, a discernible patterning of the bone appeared. Concentrations of bone in narrow rows ran in an irregular pattern from the northwest to the southeast part of the block. This pattern was most apparent in the north end of the block which is the highest point in the block. In the same 1m<sup>2</sup> unit, patches of weathered, very poorly preserved bone would be found lying close to patches of well preserved bone. It is believed that this variability in preservation results from uneven rates of burial due to taphic activities of pocket gophers or other agents of bioturbation. The same pattern of uneven preservation occurs over much of the locale but is most evident in Block B.

Diagnostic lithics included eleven projectile points that were predominantly Plains or Prairie Side-notch types, but included two unnotched triangular points. Cord-wrapped impressed rim sherds and body sherds were recovered. The ceramics are variants of the Woodland Blackduck horizon.

RC dates: XU49 – 675/80 BP XU 59 – 705/75BP.

Scope and Content:

Sub-sub-sub series contains: Summary information of field methodology, number and co-ordinates of excavations, personnel and their staff position; Field journals are daily records of recoveries, features and activities at the site; Site records include excavation level and unit summaries, feature sheets, profiles; sample records and maps; Artifact catalogues are lists and identifications of all artifacts recovered; Photographs are of excavation units, features, the landscape and personnel.

Name Access: Lovstrom Block B - summary

Subject Access: Archaeology  
Lovstrom locale  
Lovstrom Block B



## Lovstrom Block C - summary

<http://archives.brandonu.ca/en/permalink/descriptions12517>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 3.4

Accession Number: 1-2010

GMD: multiple media

Date Range: 1987

History /

Biographical:

Block C was situated in sparse oak forest with an understory of saskatoon, hazelnut and a thick ground cover of poison ivy and sarsaparilla. The block measured 3m and 3m and contained nine excavation units. All units were excavated to 35cm below surface. The soil horizons were much like the other blocks, except for a rusty brown stain in the first level, giving the upper black loam a mottled appearance. The brown patches were clay mixed with loam and were harder than the surrounding matrix. No definitive interpretation of these phenomena was attempted but this effect may be the result of natural brush or forest fires. Under the 5cm so d/humus (Ah) layer, the loam horizon extended approximately 5cm – 25 cm below surface, and averaged 20 cm thick. Bone was concentrated within this horizon between 10 cm – 20 cm below surface.

Block C was notable for its concentrations of articulated bison bone. Most noteworthy was an articulated unit composed of lumbar vertebrae, pelvis, and sacrum. Several thoracic vertebra/proximal rib end concentrations were also recovered. There were more vertebrae and rib sections recovered in the units in proportion to other bones. A few sherds, some debitage and a single Prairie Side-Notched point fragment were among the recoveries. Based on the quantity of bone, the density of the bone layer, and the articulated butchering units the area has been interpreted as a bone midden.

Faunal material was analysed by Jessica MacKenzie for her Honours Thesis: "A reconstruction of butchering processes in Block C from the Lovstrom site DjLx-1 in Southwestern Manitoba."

Radiocarbon date: 850/115BP XU 79.

Scope and Content:

Sub-sub-sub series contains: Summary information of field methodology, number and co-ordinates of excavations, personnel and their staff position; Field journals are daily records of recoveries, features and activities at the site; Site records include excavation level and unit summaries, feature sheets, profiles; sample records and maps; Artifact catalogues are lists and identifications of all artifacts recovered; Photographs are of excavation units, features, the landscape and personnel.

Name Access: Lovstrom Block C - summary

Subject Access: Archaeology  
Lovstrom locale  
Lovstrom Block C



## Lovstrom Block D - summary

<http://archives.brandonu.ca/en/permalink/descriptions12540>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 3.5

Accession Number: 1-2010

GMD: multiple media

Date Range: 1987 - 1988

History /

Biographical:

Block D was wooded with oak and an understory of saskatoon and hazelnut with a thick ground cover of poison ivy and sarsaparilla. Root and rodent disturbance was extensive. Based on the recoveries from Test Unit 22 during the survey, further excavations were carried out. Two units 87 and 93 were excavated in 1987. A further four units were excavated in 1988. There appears to be a pre contact occupation and a protohistoric feature within the block.

Diagnostic lithics included a chert Plains Side-notch projectile point, and a large Woodland side-notched point. The lithic materials from Block D are primarily local cherts followed in abundance by Knife River Flint and Tongue River Silicified Sediment – both of which are exotics imported from the southwest. Faunal remains were primarily bison.

Thin-walled obliterated fabric impressed pottery with grit temper was recovered in all units. Diagnostic ceramics included two rims, one with a fabric impressed exterior and the lip notched with dowel impressions, and a second thick walled rim was fabric impressed to the lip. The ceramic wares appear to be essentially a Woodland complex with overtones of Plains influence.

RC date: 230/90 BP.

Scope and Content:

Sub-series has been divided into sub sub series including: Lovstrom Block D 1987 and Lovstrom Block D 1988.

Name Access: Lovstrom Block D - summary

Subject Access: Archaeology  
Lovstrom locale  
Lovstrom Block D



## Lovstrom Block E - summary

<http://archives.brandonu.ca/en/permalink/descriptions12567>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 3.6

Accession Number: 1-2010

GMD: multiple media

Date Range: 1987 - 1991

History /

Biographical:

This site is situated in a naturally sheltered area with a low rise to the east and south partly encircling a flat area open to the west. Present natural vegetation is an open oak forest with a light understory of saskatoon, hazelnut, poison ivy and sarsaparilla. It is situated on the till plain at the upper end of a ravine leading to Jock's Creek.

Two test units six meters apart were excavated in 1987 and produced cultural materials which warranted a block excavation, so seven contiguous 1m<sup>2</sup> units were then opened. These units proved to be very productive of cultural remains. Subsequent excavations in 1988 increased the number of excavated units to 21. In 1991 a further eight units were excavated for a total of 29 excavations and two test units. Excavations went deeper in this block than in Blocks C or B. Remains from the block included bison bone, bone tools, fire-cracked rock, ceramics, lithics including tools and debitage and a hearth. Another occupation was recovered in 1991 containing a hearth and living floor.

Radiocarbon samples have produced two distinct sets of radiocarbon dates from 1987 and 1988 excavations. There appears to be two or possibly three cultural horizons definable within this block.

An upper cultural horizon, located between 14-21 cm below surface, contains large bison bone and fire-cracked rock dating to 465/100B.P from XU 128.

A lower horizon in the 20-25 cm level contained FCR, bison bone and lithic scatter that was dated to 675/70 B.P. from XU 122 and 715/110 from XU 114.

Scope and Content:

Sub-series has been divided into sub sub series including: Lovstrom Block E 1987, Lovstrom Block E 1988 and Lovstrom Block E 1991.

Name Access: Lovstrom Block E - summary

Subject Access: Archaeology  
Lovstrom locale  
Lovstrom Block E





## Lovstrom Block F - summary

<http://archives.brandonu.ca/en/permalink/descriptions12617>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 3.7

Accession Number: 1-2010

GMD: multiple media

Date Range: 1988

History /

Biographical:

In 1988 four 1m<sup>2</sup> units were excavated in this Block F. The forest cover is identical to that of Block E, with an open oak forest with a light understory of saskatoon, hazelnut, poison ivy and sarsaparilla.

Underneath the litter mat (Ah) is a shallow, 15-20 cm "A" horizon of dark grey/brown silty loam with a high representation of pebble size clasts. The glacial clays, encountered at 20 cm below surface, consist of a matrix of light tan sandy clays containing rounded pebble to cobble size rocks.

The recoveries from this block consisted of a few ceramics, including Vickers Focus rim sherds, four lithic tools and a number of small bison bone fragments. There was no discernible cultural stratigraphy in the four 1m<sup>2</sup> units and the limited deposits of bone, ceramics and lithics were dispersed randomly throughout the 25 cm of cultural matrix. The lithic materials frequencies were similar to those in Block E with local cherts and KRF being the most abundant categories. A small amount of fire-cracked rock and a few large identifiable bison bones were recovered – all distributed randomly with little evidence for any pattern of clustering.

No RC dates.

### Scope and Content:

Sub-sub-sub series contains: Summary information of field methodology, number and co-ordinates of excavations, personnel and their staff position; Field journals are daily records of recoveries, features and activities at the site; Site records include excavation level and unit summaries, feature sheets, profiles; sample records and maps; Artifact catalogues are lists and identifications of all artifacts recovered; Photographs are of excavation units, features, the landscape and personnel.

Name Access: Lovstrom Block F - summary

Subject Access: Archaeology  
Lovstrom locale  
Lovstrom Block F



## Lovstrom Block G 1988 - summary

<http://archives.brandonu.ca/en/permalink/descriptions12628>

Part Of: RG 7 Beverley Nicholson fonds  
Description Level: Sub-series  
Series Number: 3.8  
Accession Number: 1-2010  
GMD: multiple media  
Date Range: 1988  
History /  
Biographical:

In 1988 four units were excavated in Block G. The vegetation is similar to other areas in the locale with an open oak forest with a light understory of saskatoon, hazelnut, poison ivy and sarsaparilla.

Excavations recovered artifacts between 0 cm – 15 cm b.s. The cultural deposits are very shallow and it is quite possible that what appears to be a single occupation may in fact represent multiple occupation compressed deposits as a result of deflation or the lack of sedimentation in this raised area. This latter view is supported by the ceramics which appear to be a mixture of Blackduck and Vickers Focus wares.

The frequency and distribution of cultural material from block G contrasts with that of other sites in the locale. While the diagnostic materials are similar, the nature of the background debris and the associated lithic assemblage suggests that this area was utilized for a different set of activities.

Unlike Blocks E and H, there is very little in the way of ceramics, fire-cracked rock or bison bone, yet a significant amount of lithic debitage and six Plains/Prairie Side-notched projectile points were recovered. No unifaces or scrapers were recovered. This may be an area where activities such as manufacture and hafting of projectile points; hunting activities, butchering and refuse disposal took place.

No RC dates were taken.

### Scope and Content:

Sub-sub-sub series contains: Summary information of field methodology, number and co-ordinates of excavations, personnel and their staff position; Field journals are daily records of recoveries, features and activities at the site; Site records include excavation level and unit summaries, feature sheets, profiles; sample records and maps; Artifact catalogues are lists and identifications of all artifacts recovered; Photographs are of excavation units, features, the landscape and personnel.

Name Access: Lovstrom Block G 1988 - summary  
Subject Access: Archaeology  
Lovstrom locale  
Lovstrom Block G



## Sarah site DiMe-28

<http://archives.brandonu.ca/en/permalink/descriptions11829>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 1.3

Accession Number: 1-2010

GMD: multiple media

Date Range: 2003-2004

History /

Biographical:

The Sarah site was 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 Crepeele West (Units 1-5) and Crepeele East (Units 6-9). The site was subsequently renamed the Sarah site DiMe-28. In 2004 another 9 units were excavated (Units 10-18).

Based on the recoveries it was determined that the Sarah site is a stratified site with woodland ceramics in the upper occupation and late woodland points in both of the upper occupations. These upper occupations produced abundant bison bone including foetal bone. The lower occupations produced less bone and no foetal bone, although absence of foetal bone in the lower occupations does not necessarily indicate a warm season occupation. This could be due to sample error or peritoxic factors such as scavenging of the fragile bone by dogs or other carnivores.

The dates from the Sarah site include 550+/-40 B.P.; 1430+/-80 B.P.; 2810+/-80 B.P.; 3120+/-130 B.P. The lower occupations did not yield any diagnostic materials although debitage was abundant. These occupations were most productive at the edge of the large sand dune at the southern edge of the excavations. It is assumed that the major portion of these occupations have been overridden by the dune in the past 3000 years. Heavy earthmoving equipment would be required to remove this overburden which limits the possibility of future excavation.

#### Environment

The Sarah site is a large area located at the eastern end of the Crepeele locale. Ground cover is a mosaic of aspen poplar groves and patches of mesic grass prairie. Excavation profiles indicate that this has been the situation since early precontact times, although as local climatic conditions change (primarily rainfall), the relative size of these areas and where they may have occurred also changed. The soil is aeolian sand sheet derived from delta outwash deposits along the western edge of glacial Lake Hind. The present topography is a variable dune landscape reworked by aeolian activity that creates a mosaic of microhabitats. These include forested patches in the lee of sand dunes with grassland on the southern and western exposures and small damp lowlands that support balsam poplar, willows, red osier dogwood, high-bush cranberry and water birch. There is no permanent water source in the area although a small seasonal stream meanders through a damp lowland to the east of the Sarah site.

#### Scope and Content:

Sub-series has been divided into sub sub series including: Sarah 2003 and Sarah 2004,

Name Access: Sarah site DiMe-28

Subject Access: Archaeology  
Crepeele locale  
Sarah site DiMe-28



## Clark Hall scrapbooks

<http://archives.brandonu.ca/en/permalink/descriptions11878>

Part Of: RG 1 Brandon College fonds

Description Level: Sub-series

Series Number: 9.2

GMD: multiple media

Date Range: 1907-1953

### Scope and Content:

Sub-series consists of four scrapbooks detailing life at Clark Hall and Brandon College. They include newspaper clippings, photographs, cards, various programs and ephemera.

Storage Location: RG 1 Brandon College fonds

Series 9: Clark Hall Women's Residence



## Graham site DiMe-30

<http://archives.brandonu.ca/en/permalink/descriptions11886>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 1.4

Accession Number: 1-2010

GMD: multiple media

Date Range: 2004-2008

## History /

### Biographical:

The Graham site is located adjacent to the Crepelee site towards the western end of the Crepelee locale. The Graham site was initially designated as a separate site early in the testing of the Crepelee 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 Crepelee locale may not readily separate in this manner. However, due to the records management that was already in place, the original separate designations have been retained.

### Environment

Ground cover is a mosaic of aspen poplar groves and patches of mesic grass prairie. Excavation profiles indicate that this has been the situation since early precontact times, although as local climatic conditions change (primarily rainfall), the relative size of these areas and where they may have occurred also changed. The soil is aeolian sand sheet derived from delta outwash deposits along the western edge of glacial Lake Hind. The present topography is a variable dune landscape reworked by aeolian activity that creates a mosaic of microhabitats. These include forested patches in the lee of sand dunes grassland on the southern and western exposures and small damp lowlands that support balsam poplar, willows, red osier dogwood, high-bush cranberry and water birch. There is no permanent water source in the area although a small seasonal stream meanders through a damp lowland along the eastern margin of the Crepelee locale.

Excavations at the Graham site took place from 2004 to 2008. Analyses of the recoveries shows that, with two exceptions, all of the occupations that have been tested produced bison foetal bone. The presence of foetal bison is a strong indicator of wintering occupations...The absence of foetal in some area does not necessarily indicate warm season occupations since these excavation series are small and the absence could be due to sample error or perthotoxic factors, such as scavenging of the fragile bone by dogs or other carnivores.

From this evidence the Graham site has been interpreted as being primarily a wintering area. This is consistent with the lack of surface water (snow would serve as a substitute in winter) and the abundance of wood for fuel – a critical requirement for winter occupation. Cultural occupations date from Mortlach circa 250 B.P to woodland circa 580 B.P.

### Scope and Content:

Sub-series has been divided into sub sub series including: Graham 2004, Graham 2005, Graham 2006 and Graham 2008

Name Access:	Graham site DiMe-30
Subject Access:	Archaeology Crepelee locale Graham site DiMe-30



## Flintstone Hill - DiMe-26

<http://archives.brandonu.ca/en/permalink/descriptions12283>

Part Of:	RG 7 Beverley Nicholson fonds
Description Level:	Sub-series
Series Number:	2.2
Accession Number:	1-2010
GMD:	multiple media

Date Range: 1997-2000

History /

Biographical:

Flintstone Hill is located on the north bank of the Souris River. It is a deeply stratified lacustrine, fluvial and aeolian soil profile that has been exposed by the river through stream-bank erosion. This section is thought to be the most complete middle to late Holocene exposure on the northeastern plains. While the value of the site is primarily for paleo-environmental research and reconstruction, cultural deposits have been identified at the site. Local collectors have picked up lithic materials as they eroded out of the bank for the past several decades and it was they who had named the site. Mr. Bruce Timms from Lauder first drew the Flintstone Hill site to the attention of Dr. Nicholson of Brandon University.

During the mid 1990's to the early 2000's archaeological testing took place on Flintstone Hill. In 1998, an archaeological field crew dug a series of overlapping trenches down the slope of the profile and produced a schematic drawing. A peat layer at the bottom of this profile, dated from the top at 9,400 RCY and at the bottom to 10,400 RCY, has provided details of marsh plant and insect communities at this time.

Subsequent archaeological investigations at the site recovered several cultural deposits including: a hearth dating to 3250 $\pm$ 70 R.C.Y. (BETA 109529); a butchered atlas bone 4090 $\pm$ 70 R.C.Y. (BETA 109990); and bone fragments accompanied by Swan River Chert and Knife River Flint lithic flakes 5350 $\pm$ 50 (BETA 109530). While no diagnostic tools were recovered, these dates suggest that this occupation, which is contemporary with the Atkinson site, may be a Gowen occupation.

Extensive paleo-environmental research has been conducted at the site. Dr. Running, a geomorphologist from the University of Wisconsin – Eau Claire, participated in the Study of Cultural Adaptations in the Prairie Ecozone (SCAPE) Project and he and his students tested the site for several years. He was joined in this effort by Dr. Havholm, Dr. Boyd, Dr. Wiseman, Dr. Beaudoin, and other SCAPE researchers in the interpretation of the paleo-environment of the Glacial Lake Hind basin. The following article is recommended reading.

Running, Garry L., Karen G. Havholm, Matt Boyd and Dion J. Wiseman  
2002 Holocene Stratigraphy and Geomorphology of Flintstone Hill, Lauder Sandhills, Glacial Lake Hind Basin, Southwestern Manitoba. *Geographie Physique et Quaternaire* 56(2-3):291-303.

Scope and Content:

Sub series has been divided into two sub sub series including: (1) Flintstone Hill 1997 (2) Flintstone Hill 1998-2000

Name Access: Flintstone Hill - DiMe-26

Subject Access: Archaeology  
North Lauder locale  
Flintstone Hill - DiMe-26



## 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



## Lawrence Jones collection

<http://archives.brandonu.ca/en/permalink/descriptions12333>

Part Of: RG 6 Brandon University fonds

Description Level: Sub-series

Series Number: MG 3 1.24

Accession Number: 9-2011

GMD: textual records

Date Range: 1957-1959, 1976-1992

Physical Description: 30 cm

History /

Biographical:

See RG 6 Brandon University fonds, 7.4.1 Dean of Music for biographical information.

Custodial History:

The records were collected during the course of Jones' career as a member of the School of Music and as Dean of the School of Music. They remained in his possession until their donation to the McKee Archives on June 29, 2011.

Scope and Content:

Collection consists of records created and collected during the course of Lawrence Jones' teaching career in the School of Music and during his tenure as Dean of the School of Music at Brandon University.

Records include: dean's log books; recital programs and related materials; personal documents; academic papers; planning documents; contracts; administration documents; workshop documents; teaching documents; proposals; reviews; evaluations; violin concerto by S.C. Eckhardt-Gramatte, piano score, edited by Lawrence Jones. Topics include: planning for the School of Music; Master's degree program; award winners; the music building expansion; adjudicating; the New Brandon University Trio; and the National Music Festival.

Name Access: Lawrence Jones

Brandon University Trio

Shane Levesque

National Music Festival

Peggy Sharpe

Deidre Irons

Kenneth Drake

School of Music

Subject Access: Education

music

administration

performing arts

performing artists

Storage Location: MG 3 Brandon University Teaching and Administration  
1.24 Lawrence Jones





## Westman Recycling Council fonds

<http://archives.brandonu.ca/en/permalink/descriptions12346>

Part Of: RG 5 Western Manitoba Manuscript Collection

Description Level: Fonds

Accession Number: 14-2011

GMD: textual records

Date Range: November 15, 1989 - March 26, 2009

Physical Description: 90 cm

History /

Biographical:

The Westman Recycling Council was started by a small group of avid recyclers with financial and volunteer help from the Kiwanis Club of Brandon, among others. Volunteers organized the first outdoor recycling depots in June and October 1989. The first event with recorded minutes was the first annual meeting, November 15, 1989.

The organization was incorporated in February 1990, and became a registered charity in 1995. The Mission Statement was: "to support and promote the reduction, re-use, and recycling of material resources for the benefit of Westman's environment and future generations."

The major partner in the work of the organization was the City of Brandon. In 2003, Westman Recycling, in partnership with the City, built a Material Recovery Facility (MRF) at the Brandon Landfill; Westman Recycling owned the building on the City-owned land. It was a \$4 million structure - financed by federal and provincial grants (about one-quarter of the total) and a mortgage (about three-quarters). Details are in the Board and other Committee minutes and agreements.

In late 2005, Westman Recycling faced a severe cash crunch - as a result of poor markets for recyclables, changes in support funding from the Manitoba Product Stewardship Corporation (MPSC), and a drop in public recycling levels. In February 2006, the City decided to sign a contract with another organization to operate the MRF; after that there appeared to be no role for Westman Recycling.

A general meeting on September 22, 2008 voted to dissolve the organization. At that meeting, the suggestion was made (agreed to by consensus) that the files of the organization be donated to Brandon University to be made available for researchers. A Board of Directors meeting on the same date voted to donate all remaining funds to a perpetual "Westman Recycling" fund with the Brandon Area Community Foundation.

A final wind-up meeting was held on March 26, 2009

#### Custodial History:

The organization was overseen by volunteers / volunteer Board of Directors. The files were first held by volunteers / Board members in their homes. In May 1991, the organization hired David McConkey as Coordinator / General Manager, who was directed by the Board to manage the files on a daily basis from that date forward.

The files were kept in the organization's rented office space in the 1300 block of Pacific Avenue from May 1991 to September 1992, and then in the rented space in the Massey building at 6th Street and Pacific Avenue. The files were kept at the new facility at the landfill from April 2003 to February 2006. They were then stored in the basement of the Marquis Project, 912 Rosser Avenue, until August 2011 when they were donated to the S.J. McKee Archives, Brandon University.

Some files (e.g. minutes from 1995-96) were found to be missing entirely. Other files were disposed of by recycling and/or shredding as they were judged to be confidential (e.g. personnel), of an ordinary business nature only (e.g. invoices), or not useful for future research (e.g. extra copies, routine correspondence, building and equipment plans and other arrangements).

#### Scope and Content:

Fonds consists of records that document the origin, activities, demise, and legacy of the Westman Recycling Council. Records include minutes, financial summaries, scrapbooks, newsletters, brochures, media clippings, photographs and miscellaneous documents related to the construction in collaboration with the City of Brandon of Brandon's principal recycling facility.

Notes: Administrative history courtesy David McConkey. See additional notes on the organization in the curatorial file. Description by Tom Mitchell.

Storage Location: 2011 accessions



## Lovstrom survey

<http://archives.brandonu.ca/en/permalink/descriptions12407>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 3.1

Accession Number: 1-2010

GMD: multiple media

Date Range: 1985-1986

## History /

### Biographical:

The Lovstrom surface collection came from small fields cleared within, and adjacent to, the major portions of the site which were excavated. The Lovstroms initial collection has since been added to by field personnel from Brandon University. The initial collections consisted of lithics and ceramics. A collection of faunal remains from the cultivated area was made by a Brandon University zooarchaeology class in 1986 which yielded specimens of elk, canid, mussels, and sucker, in addition to an expected abundance of bison. Since these materials were in a surface context, it may be that some of the faunal remains were historic.

The high biodiversity and evidence of pre-European contact prompted the decision to test the Lovstrom locale. Nine 1m<sup>2</sup> units were excavated in 1985 and, in 1986, an additional 15 1m<sup>2</sup> units were excavated for a total of 24 test units. This testing indicated the presence of a large precontact locale with lithics, woodland ceramics and large amounts of reasonably well-preserved faunal materials.

The lithics indicated a late Prehistoric occupation (Nicholson 1986:35). However, the ceramics were more useful in that they identified the presence of Late Woodland cultures (Blackduck and Duckbay) and a single Middle Missouri vessel. It is believed that the Middle Missouri vessel was imported since the paste and construction/decorative technology differ distinctively from that of all other vessels recovered from the site. It was on the basis of an examination of these surface finds that the decision to test the Lovstrom site was made. These test excavations were conducted during the summers of 1985 and 1986.

Field investigations through shovel tests, excavation units, and examination of rodent mounds, indicated that the cultural deposits at the Lovstrom locale extend approximately 500m north from the edge of the Souris channel and eastward for over two hundred meters from the escarpment along Jock's Creek. The presence of dense forest vegetation covering much of the locale, and the subsurface nature of the archaeological deposits obscured surface indications.

Radiocarbon dates: Test Unit 4: 1215/320 BP and Test Unit 8 1280/190 BP

### Scope and Content:

Sub-series has been divided into sub sub series including: Lovstrom survey 1985 and Lovstrom survey 1986

Name Access:	Lovstrom survey
Subject Access:	Archaeology
	Lovstrom locale
	Lovstrom survey



## Lovstrom Block A - summary

<http://archives.brandonu.ca/en/permalink/descriptions12451>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 3.2

Accession Number: 1-2010

GMD: multiple media

Date Range: 1987

History /

Biographical:

Block A was the most southern site in the locale. The excavation block consisted of 12 contiguous 1m<sup>2</sup> units dug in a 3m x 4m rectangle. The block was the least productive of cultural materials, and bone preservation was the poorest. Under the sod, the black loam layer appeared at 5 cm below surface, and the glacial clay at 25 cm below surface. Excavators described the soil matrix as gritty and silty, and it became concrete hard when dried.

The occupation or bone layer extended from 10 to 25 cm below surface and consisted of a contiguous scatter of FCR and unidentifiable large ungulate bone which was heavily processed and intensively scavenged by carnivores. Most cultural materials were recovered within this layer. Fire cracked rock (FCR) and small burnt bone fragments were present but no intact hearths or processing features were evident.

Non-cultural materials included limestone and other natural pebbles derived from the parent till. (These small limestone pebbles were apparent in the occupation layers in other blocks as well). Root and rodent disturbance was extensive throughout Block A. Most units were excavated to gravelly clay till. Nine of the twelve units were dug to level 4b, which ended at 40 cm b.s.

No further excavations were done at this site. No C14 dates were taken.

Scope and Content:

Sub-sub-sub series contains: Summary information of field methodology, number and co-ordinates of excavations, personnel and their staff position; Field journals are daily records of recoveries, features and activities at the site; Site records include excavation level and unit summaries, feature sheets, profiles; sample records and maps; Artifact catalogues are lists and identifications of all artifacts recovered; Photographs are of excavation units, features, the landscape and personnel.

Name Access: Lovstrom Block A - summary

Subject Access: Archaeology  
Lovstrom locale  
Lovstrom Block A



## Robert Troy Blair fonds

<http://archives.brandonu.ca/en/permalink/descriptions13300>

Part Of: RG 1 Brandon College fonds

Description Level: Sub-series

Accession Number: 18-2013

GMD: multiple media

Date Range: September 1950 - June 1954

Physical Description: 2 scrapbooks (7.5 cm)

Physical Condition:     Excellent

History /

Biographical:

Robert (Bob) Troy Blair was born on March 11, 1930 in Brandon, MB. His first six years were spent in Alexander, MB, where his father and uncle operated a grocery store. In 1936, his family moved to Souris, MB, where his father ran a grocery store. Blair received his primary and high school education, with the exception of Grade 12, in Souris.

Blair remembers his school years in Souris as mainly happy years. He was involved with both piano and organ music lessons. He was never interested in physical sports with the exception of golf. World War II broke out in September of 1939. Souris became the site of #17 SFTS and home base for the British Commonwealth Air Training Plan. Many of the service men came from England, Australia and New Zealand. Blair's mother always entertained at least two for dinner every Sunday. Rationing of sugar, tea and coffee, butter and meat became a way of life. Blair had the job every Saturday of pasting the ration coupons into booklets. It was also when he was in Grade 6, that Blair realized he was more attracted to boys than to girls. Perhaps it was because so many attractive airmen surrounded him!

In November of 1947, the Blair family relocated to Alexander where Bob Blair finished his Grade 11. This was not a good year due to bullying. In September of 1948, Blair moved to Winnipeg to attend United College for his Grade 12. Upon completion of Grade 12, Blair remained in Winnipeg until June 1950. He worked at a number of businesses - Gestetner, Eaton's Mail Order shoe department, Maple Leaf Milling, and the drug store in the Medical Arts Building. In September 1950, he entered Brandon College. Blair was very active in extra-curricular affairs while at Brandon College; particularly drama. Following his B.A. he enrolled in the Education Faculty, having decided to become a teacher.

Blair's teaching career spanned 34 years. All but one year was spent in the Brandon School Division. On his first day of teaching in the Division he met the man with whom he would spend the next 46 years. He was primarily a teacher of English and Music. A highlight of his career was exchange teaching in Sacramento, California in 1961. Orientation for exchange took place in August in Washington, D.C., where Blair had the opportunity to meet President J.F. Kennedy. He vividly recalls the morning that JFK was assassinated on November 22, 1963. In September 1965, Blair assumed the principalship of Park School and in September of 1969, the same position at George Fitton School where he remained until his retirement in 1989. He was a member of the Brandon Principals' Association, the National Association of Elementary School Principals, and served as President of the Brandon Teachers' Association. Among his major accomplishments during his time as principal were the introduction of a centralized school library in both Park and George Fitton Schools and the integration of special needs students into regular classroom situations wherever possible. He was made a Life Member of the Manitoba Teachers' Society (Brandon) in June 1990. Following his retirement Blair worked as a Library Automation Consultant (1989-1993).

Blair also had numerous community involvements during his time in Brandon. He was active in the Brandon Little Theatre (Best Actor Award, Manitoba Drama Festival for One Act Plays in 1963), the Brandon Festival of the Arts, the Eckhardt-Gramatte National Music Competition, and Arm Industries to name a few.

Following the death of his partner in 2001, Blair moved to Saskatoon to live with a younger gay couple. He has been active in volunteerism: as an Ambassador for the Saskatoon Airport Authority, assistant with the Saskatoon Health Region's Immunization Clinics, information clerk for the Festival of Trees, data entry clerk for the Saskatoon Music Festival, on the Board of the Saskatoon Jazz Society, and Hospitality Coordinator for the Saskatoon Jazz Festival.

As of October 2013, Bob Blair continues to live in Saskatoon, SK.

Custodial History:

Records were in Blair's possession until he donated them to the McKee Archives on Homecoming weekend October 2013.

Scope and Content:

Fonds consists of two scrapbooks containing 145 photographs and ephemera (play and graduation programs, tickets, pins, newspaper clippings) documenting Bob Blair's days at Brandon College. Social events and extra-curricular activities are heavily featured in the two scrapbooks. Also included are graduation portraits for the Classes of 1951, 1952 and 1953. Of the 145 photographs all are black and white except for two photos of the Class of '53 reconconvocation (May 1993), and one from the Class of '53 reunion (2003).

Notes: History/Bio provided by Bob Blair (October 2013).

Name Access: Brandon College  
Angus Jackson  
Pat Magnacca  
Freshie Week  
Senior Stick  
Lady Stick  
Harvest Cabaret  
Sigma Mu  
Glee Club  
Bob Blair  
Jack Yeomans  
Walter Dinsdale  
Don Cronk  
Bob McPherson  
Lorne Watson  
Marg Sanderson  
Hazel Turnbull  
Claudia Dickey  
Gordon Bradley  
Terry Prysiazniuk  
Diane Lissaman  
Joan Garnett  
Doris Penstock  
Dianne Macdonald  
Ivey Graham  
Joyce Pickard  
Cathy Crawford  
Robertta Wilkie  
Marie Kullberg  
Isabel Lyon  
Shirley Pryce  
J.R.C. Evans  
Marjorie Kyles  
Jo Thordarson  
Ross George

Edward Perry  
Ernest Birkinshaw  
Barney Thordarson  
Fall Formal  
Variety Night  
Installation Night  
Paul McKinnon  
The Saga of Brandon  
Bill White  
Ron Bell  
Jerry Jerret  
Rosa Ziolkowski  
Murray Smith  
Class of 1951  
Harold Moffat  
Bill Sutherland  
Murray Coulthard  
Frank Adamski  
John McLean  
Jack Medd  
Jack Muir  
Bill Fraser  
Ken Morrison  
Clifford Kitson  
Ray Brown  
Mike Doig  
Ernie Shaw  
Jack Scott  
Doreen Dennison  
Lois Kennedy  
Lorna Prokaska  
Ferne Henderson  
Doreen Fedoruk  
Marg Leckie  
Freshie Parade  
Helen Batho  
Fred Calverly  
Jim Crawford  
Verda Peden  
Olga Evasko  
Betty Finch  
Fred Schwarok  
Jim Struthers  
Muriel Bedford  
John Brown

Freshie Royalty  
Booster Night  
Mary Jane Sexton  
Marilyn Rust  
Mildred McMurray  
Mary-Jane MacLachlan  
George Leask  
George Jakubowski  
Jack Purvis  
My Sister Eileen  
Edith Laycock  
Ivey Robbins  
Ken Campbell  
Mac Andrews  
Marion Simmons  
Arnold Minish  
Madeline Irving  
Ernie Criddle  
Don Dillistone  
Gordon Hunter  
Cathy Nelson  
Jim Kelleher  
Anne Kelleher  
Neil McKellar  
Ron Doupe  
Bruce Watson  
Neil MacKay  
Peter Prokaska  
Roger Ramsden  
Bill Bridgett  
Graham Hunt  
John Muirhead  
David Brodie  
Murray MacDonald  
Dr. Kidd  
Cam Finlay  
Blair MacRae  
Donna McPhail  
Louise Hoey  
Agnes Nicholson  
Jean Allan  
Joan Urie  
Royce Richardson  
Don Rousell  
Bill Black



Ken McNeeley  
Rosalie Prokopchuk  
Jean Morrison  
Jacice Forrest  
Fuzz Fedoruk  
Brian Davison  
Joan MacLachlan  
First International Relations Club Conference  
Minot Teachers' College  
International Peace Gardens  
Bruce McIlroy  
Jean Shingfield  
Campaign Week  
Sigma Mu Dance  
Arnold Wawruch  
Jack Meyers  
Jack Hilton  
Bev Francis  
Bert Gogol  
Dick McDonald  
Frank McKinnon  
Stuart Craig  
John Blackwood  
Norman Hedison  
Bob Hilton  
John Minions  
Kay Oliver  
Mary Jane MacLachlan  
Ben Ward  
Ken Gunning  
Trevor McNeely  
Hilton Stewart  
Jerry Graham  
Bette Mitchell  
Joan Curlock  
Faye Myers  
Jean Hannah  
Mary Babuick  
Mr. College Spirit  
John Augustus McGee  
Don Dillstone  
Flora Johnson  
Del Gusdal  
Color Night  
Don Burrows

Jim Casey Trophy  
Marj Kyles  
Prince Edward Hotel  
Class Day  
Dahl Harvey  
Shirley Mitchell  
Al Burton  
Irving Bateman  
Joyce Marie Thordarson  
Eileen McFadden  
Patricia Pope  
Louise Astle  
Ariel Genik  
Western Canada Student Teacher Conference  
Brandon College Glee Club  
Be Your Age  
Ike Prokaska  
Joan Hilton  
Fred Lynch  
Garth Kidd  
Ivy Robbins  
Joyce Dunham  
Shirley Popple  
Grand March  
Westley Wong  
Stewart Perdue  
H.V. Kidd  
J.E.M. Young  
Adelene Bailey  
Mrs. Evans  
Dennis Anderson  
Stanley Knowles  
Edward Schreyer  
Lou Visentin

Subject Access:	Student government initiations student activities dances basketball talent shows drama productions major productions Hockey graduations programs parades dorm rooms student housing literary "B's" college letters class flags banquets
Storage Location:	2013 accessions