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THE GARDEN SITE, DkLg-16
A HISTORICAL AND
ARCHAEOLOGICAL STUDY
OF A NINETEENTH CENTURY
METIS FARMSTEAD

K. David McLeod, ed.

DEPARTMENT OF CULTURAL AFFAIRS AND HISTORICAL RESOURCES

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THE GARDEN SITE, DkLg-16:

A Historical and Archaeological Study of a

Nineteenth Century Metis Farmstead

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Abstract

When archaeological investigations were conducted on the site of the Pierre Beauchamp homestead, they represented the first study of Metis on a site where all standing structures had been removed, possibly before the turn of the century. Through Crown Lands records, it was discovered that Pierre Beauchamp purchased the lot in 1845 and the Beauchamp family occupied the site until 1868. It is believed that Pierre Beauchamp participated in cart freighting as well as the semiannual bison hunts.

Archaeological investigations of the Beauchamp farm consisted of the excavation of three middens or garbage pits. Artifacts recovered in these pits included Copeland ceramics, several varieties of buttons, beads, clay pipe fragments, butchered bone and a variety of weapon-related artifacts including a lock plate from a musket.

The artifacts were dated on the basis of either design or trademarks, such as the ceramics, or by way of manufacturing technique, such as that discernible from bottle glass. Dates ranged from pre-1840 to post-1900 and were well within the time span indicated by documented historical information.

Results of the excavation indicated that the Beauchamps purchased a large portion of their household goods from the Hudson's Bay Company. Ceramic vessels, for example, were likely obtained one at a time, as many individual patterns were recovered, each representing a different vessel. Analysis of the construction-related artifacts showed that there were originally three structures on the

site. This was based on three different log impressions observed on the chinking fragments. Chinking is the clay material used to caulk log structures. Analysis of the chinking also revealed that agriculture was practised near the site as domestic grain seeds, possibly barley, were contained within the matrix of several fragments. Further evidence of agriculture was contained within the faunal material, and suggestive of subsistence strategies were several species of fish, such as goldeye, whitefish and sucker; fifteen bird species including a variety of ducks, geese and a hawk; plus large mammals such as bison, pig and cow. Lastly, at least three different weapons were used by the Beauchamps; a flintlock rifle, a percussion cap rifle, and a pistol.

This publication deals with the environmental, ethnohistorical and archaeological analysis of the Garden Site.

K. David McLeod

TABLE 32

Distribution of Button Types Common to
Two or More Features

Sub-type	Feature 1	Feature 2	Feature 3
	Level	Level	Level
1.1	3		1
1.2	6 & 23	13	2
1.3	16	8, 10 & 16	
1.4	4	14	2
2.1	23 & 24	sfc. & 5	-
2.3	9	sfc.	
3.1	4	4 & 14	
3.6	9	8	
3.7	16	sfc.	_
3.8	24	12 & 13	9
4.3	6 & 10	sfc., 9 & 16	

NOTE: sfc. = surface

BEADS

Introduction

The objectives of the bead analysis were (1) to compare and contrast the three features through vertical placement and number of beads, and (2) since the beads represent a cognizance of style by the site occupants, to obtain an indication of how the Beauchamps participated in the sphere of garment fashion through the beads they preferred and purchased.

A total sample of 546 beads was obtained from the site, all of which were recovered by excavation. Analysis of the beads involved dividing the sample into the three features from which they came and

then analyzing each assemblage in terms of manufacturing technique. The manufacturing techniques outlined below are based on Kidd and Kidd (1970). Several bead types were recovered from the Garden Site that were similar to those discussed by Kidd and Kidd.

Bead Manufacturing Processes

Type 1 Hollow Cane Drawn

These were produced by introducing an air bubble into molten glass with a tube and attaching a rod to the other end of the glass. The molten glass was then pulled in opposite directions, thereby producing a long, hollow cane of molten glass. When cooled, this cane was cut into smaller pieces of varying lengths, producing beads. Variations on this procedure facilitate the production of several bead types. For example, two coloured layers can be contained within the molten bubble and, when drawn, beads having two separate colours are created. Another technique was used to modify the drawn bead. This involved placing sand grains in the bores of rough cut beads. The beads were re-heated and tumbled, producing round beads with smooth surfaces. An example of this type is the small seed bead.

Drawn beads may be identified by the presence of longitudinally elongated air bubbles that result when the molten glass is pulled.

Type 2 Wire Wound

This manufacturing process involved winding molten glass around a length of wire, the latter being covered with a chalky material in order to facilitate removal. When the glass cooled, the

wire was removed and the tube of glass cut in the same manner as the drawn beads. There can be additional procedures used to create a variety of bead shapes similar to that for the drawn beads. Spiralling lines within the body of a specimen, or an air bubble in an equitorial arrangement within the glass matrix, indicates that a bead has been wound.

Type 3 Cast

Based on evidence from the Garden Site, these beads were made in a two-part cast; however, there is no evidence of a mold mark present on those recoveries.

Bead Description

Feature 1

Sub-type 1.1 Hollow cane drawn: unmodified. There were two black beads of this type (Fig. 74a). Both were recovered in the middle areas of the feature.

Sub-type 1.2 Hollow cane drawn: modified by re-heating and tumbling. There were 170 in this category (Fig. 74b). The sample was divided into (1) seed beads (with a diameter of less than 0.20 cm), (2) intermediate beads (having a diameter of 0.20 cm to 0.30 cm), and (3) pony beads (with a diameter greater than 0.30 cm). This sample contained 166 seed beads, three intermediate beads and one pony bead. The beads were concentrated in three, vertically distinct zones within the feature: 40 cm to 50 cm, 85 cm to 100 cm, and 100 cm to 120 cm.

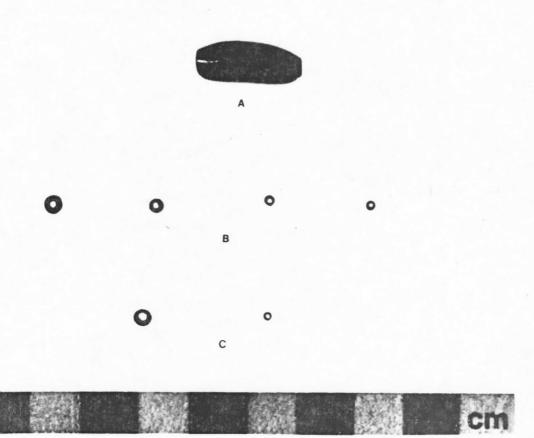


FIGURE 74 Hollow cane drawn beads.

- (a) Type 1.1 Unmodified
- (b) Type 1.2 Re-heated and tumbled
- (c) Type 1.2.1 Layered red with white

This corresponds to the three depositional events suggested by the stratigraphy.

Sub-type 1.2.1 Hollow cane drawn: modified by re-heating and tumbling: red with white opaque core. These are known as the "Cornaline d'Allepo" beads (Fig. 74c). There was a total of seven recovered in Feature 1, five seed and two intermediate. The intermediate beads were recovered from the middle level, whereas the seed beads were recovered from the bottom.

Sub-type 2.1 Wire wound: modified by re-heating and tumbling.

There were six pony beads recovered; five were bright blue and one was black (Fig. 75a and c). The blue beads were recovered in the upper and middle levels, while the black bead was from the bottom of the feature.

Sub-type 3.1 Molded. Four large red beads were recovered, one of which was split vertically in half (Fig. 76). The bore of these beads was tapered. The exterior surface was frosted and covered with crescentic cracks, likely resulting from being struck together during sand blasting. They were recovered from the upper to middle levels of the feature and may be associated with the bright blue beads (Type 2.1).

Feature 2

Sub-type 1.2 Hollow cane drawn: modified by re-heating and tumbling. There was a total of 312 beads of this type recovered in Feature 2; 305 were seed size, five were intermediate and two were

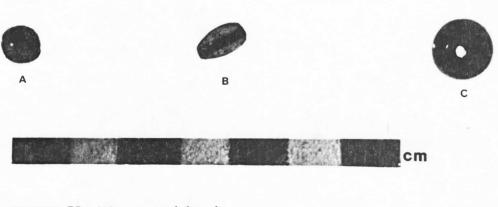


FIGURE 75 Wire wound beads
(a) Type 2.1 Bright blue
(b) Type 2.2 Clear

(c) Type 2.1 Black

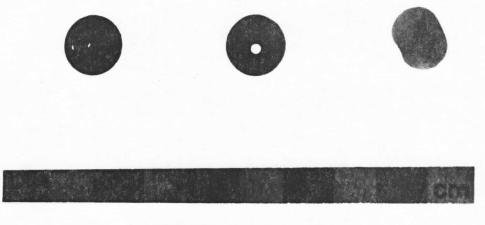


FIGURE 76 Moulded beads.

pony. The most noticeable concentration was in the 60 to 90 cm zone where a total of 303 or 99% of the sample was recovered. In particular, 158 white opaque beads were obtained in the 70 to 75 cm zone and were probably from a single strand.

Sub-type 1.2.1 Hollow cane drawn: modified by re-heating and tumbling: layered red and white. There was a total of 31 recovered, all in the bottom 45 cm of the feature. Of these, 30 were seed size and one was a pony bead.

Sub-type 1.2.2 Drawn: re-heated and tumbled: layered red and brown. One intermediate size bead was found in the 65 to 70 cm level.

Sub-type 1.2.3 Drawn: re-heated and tumbled: layered red and black. One intermediate bead was recovered from the 75 to 80 cm level.

Sub-type 2.1 Wire Wound: re-heated and tumbled. A single, oval, frosted clear bead of pony size was recovered at 57 cm (Fig. 75b).

Feature 3

Sub-type 1.1 Drawn: unmodified. A single, bright blue, ponysized bead from 54 cm was found.

Sub-type 1.2 Drawn: re-heated and tumbled. A total of eight were recovered: seven seed and one intermediate.

Unassociated with Features

Sub-type 1.2 Drawn: re-heated and tumbled. There were two recovered; a shadow blue pony-sized bead and a pink seed bead. The

pony bead was recovered in a test unit located between Features 2 and 3, and the seed bead came from a test trench near Feature 2.

There were 24 beads which, due to breakage during excavation, could not be analyzed.

Discussion

In general, there seems to have been a preference for white and pink beads (Table 33). Respectively, these make up 33% and 21% of the sample, and 54% collectively. Feature 2 contained 63% of the total sample, Feature 1 had 21%, and 2% were recovered in Feature 3.

The beads probably represent garment decorations that were lost and swept up with household trash. The concentration in the bottom of Feature 2 may have resulted from a major house-cleaning exercise. The three separate concentrations found in Feature 1 may also represent times of major cleaning operations. On the other hand, the concentrations in Feature 2 may represent a longer period of time when this area was used as a refuse dump.

The small number of beads recovered makes it difficult to state how they may reflect the dress of the period. Beads were always a popular trade item as evidenced by the large numbers found cached at trade posts (Noble 1973:143). It may be possible, with better documentation, to determine something of the socio-economic status of a site's occupants based on frequency and kind of trade beads. For example, if the price of specific beads were determined and a relatively high quantity of the more expensive varieties were found in a habitation site, it could be inferred that the occupants may have

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TABLE 33
Summary of Bead Colours

	Seed	Size	La	arger	To	tal	
Colour	Count	%	Count	%	Count	%	
White	178	39.8	3	9.4	181	33.3	
Pink	113	22.1	4	12.5	117	21.3	
Bright Blue	58	11.3	5	15.6	63	11.6	
Cornaline	35	6.8	3	9.4	38	7.1	
Aqua	36	7.0	1	3.1	37	6.8	
Red	25	4.9	6	18.8	31	5.8	
Shadow Blue	18	3.5	4	12.5	22	4.1	
Apple Green	16	3.2	1	3.1	17	3.2	
Turquoise	16	3.2	0	0.0	16	2.9	
Amber	9	1.8	1	3.1	10	1.8	
Cinnamon	5	1.0	0	0.0	5	0.9	
Black/green	0	0.0	3	9.4	3	0.6	
Emerald	1	0.2	0	0.0	1	0.2	
Red/black	0	0.0	1	3.1	1	0.2	
Clear	1	0.2	0	0.0	1	0.2	
TOTAL	511	100.0	32	100.0	543	100.0	

been "well to do". A case in point is the anomalous molded red beads from the Garden Site. They may represent an expensive bead as opposed to the more common seed beads. If so, then since there are only a few of the former they may have functioned as "luxury" goods. Another fruitful line of research may involve determining what bead types were preferred in St. Norbert during the middle 1800s and comparing that with what was recovered at the Garden Site (Spector 1976). In this way, the archaeological data may be used to suggest the economic status of

the site's occupants. Perhaps as future work is done, either at this particular locus or at other homestead sites, more conclusive economic statements may be made concerning the inhabitants based on the kinds and quantities of beads found there.

Pins

A total of 16 pins were recovered, all from the excavations. Their mean length was 3.04 cm with a range of 2.90 to 3.20 cm. The average head diameter was 0.17 cm, with a range of 0.15 to 0.20 cm. The pins were made of brass and appeared to be of one piece (Fig. 77a). Several pins displayed evidence of silver plating, and it is possible that they were all so plated at one time.

Feature 2 contained 69% of the sample, with a noticeable density at the 60 cm to 90 cm levels. These occurred in conjunction with the bead concentration mentioned above. Feature 1 had the remaining 31%, with single pins at 20 cm, 50 cm and 75 cm and two at 120 cm.

Leather

There were five pieces of leather recovered; three from the surface, one from a shovel pit, and one from Feature 1. Of the five, three were heel fragments representing two kinds of footwear; one was a portion of the eyelet row; and the last piece was a portion of a sole. Shoes can be a source of chronological information, and a sequence based on manufacturing techniques has been devised elsewhere (Anderson 1968:56-65).

APPENDIX 6-1

Detailed Bead Analyses

TABLE 34

FEATURE #1 BEAD DATA (QUALITATIVE)

GLASS	COLOUR	HUE, VALUE & CHROMA	SEED	INTER	PONY	LEVEL
1.1 Hollow cane	e drawn: Unmodifie	d				
Opaque	Black/green	No. 5	0	0	1	10
Opaque	Black/green	No. 5	0	0	$\frac{1}{2}$	17
1.2 Hollow cane	e drawn: Reheated	and tumbled				
Transparent	Emerald green	10GY 4/8	1	0	0	5
Opaque	White	N 9.5	1	0	0	6
Opaque	Pink	2.5 YR 8/4	1	0	0	6
Translucent	Aqua Blue	10 BG 8/4	1	0	0	6
Transparent	Red	7.5 R 3/2	1	0	0	6
Opaque	Pink	2.5 YR 8/4	2	1	0	9 .
Transparent	Turquoise	5 BG 4/8	4	0	0	9
Opaque	Aqua Blue	10 BG 8/4	1	0	0	9
Translucent	Bright Blue	7.5 B 5/8	1	0	0	9
Translucent	Red	7.5 R 3/2	1	0	0	9
Translucent	Bright Blue	7.5 B 5/8	1	. 0	0	10
Opaque	Pink	2.5 YR 8/4	3	1	0	10
Opaque	Aqua Blue	10 BG 8/4	1	0	0	10
Translucent	Turquoise	5 BG 4/8	1	0	0	10
Transparent	Aqua Blue	10 BG 8/4	1	0	0	11
)paque	Shadow Blue	2.5 PB 3/10	0	0	1	11
Translucent	Apple Green	7.5 GY 4/8	1	0	0	14
paque	Pink	2.5 YR 8/4	1	0	0	16
Opaque	Aqua Blue	10 BG 8/4	1	0	0	16
Translucent	Bright Blue	7.5 B 5/8	1	0	0	16
Translucent	Blue	7.5 B 5/8	1	0	0	18
Translucent	Blue	7.5 B 5/8	2	0	0	19
Opaque	Pink	2.5 YR 8/4	1	0	0	20
Opaque	White	N 9.5	1	0	0	22
Opaque	Pink	2.5 YR 8/4	3	0	0	22
Transparent	Red	7.5 R 3/12	0	1	0	22
Translucent	Shadow Blue	2.5 PB 3/10	1	0	0	22
Opaque	Pink	2.5 YR 8/4	26	0	0	22-24
Translucent	Pink	2.5 YR 7/4	3	0	0	22-24
Transparent	Pink	2.5 YR 7/6	1	0	0	22-24
Transparent	Red	7.5 R 3/12	5	0	0	22-24
)paque	White	N 9.5	2	0	0	22-24
)paque	Amber	2.5 Y 7/10	3	0	0	22-24
)paque	Cinnamon	2.5 Y 7/12	2	0	0	22-24
Opaque	Apple Green	7.5 GY 4/8	1	0	0	22-24
Opaque	Bright Blue	5 GY 5/8	1	0	0	22-24
Translucent	Turquoise	5 BG 4/8	4	0	0	22-24
Transparent	Turquoise	5 BG 4/8	1	0	0	22-24

GLASS	COLOUR	HUE, VALUE & CHROMA	SEED	INTER	PONY	LEVEL
Opaque	Aque Blue	10 BG 8/4	3	0	0	22-24
Translucent	Bright Blue	7.5 B 5/8	11	0	0	22-24
Opaque	Amber	2.5 Y 7/10	3	0	0	20-24
Opaque	Cinnamon	2.5 Y 7/12	1	0	0	20-24
Opaque	Aqua Blue	10 BG 8/4	7	0	0	20-24
Opaque	White	N 9.5	5	0	0	20-24
Opaque	Pink	2.5 YR 8/4	23	0	0	20-24
Translucent	White	N 9.5	1	0	0	20-24
Translucent	Bright Blue	7.5 B 5/8	15	0	0	20-24
Translucent	Turquoise	5 BG 4/8	1	0	0	20-24
Transparent	Red	7.5 R 3/12	6	0	0	20-24
Transparent	Pink	2.5 YR 7/6	7	0	0	20-24
			166	3	1	
1.2.1 Hollow ca	ne drawn: Layered,	reheated &	tumbled	(white	opaque	core)
Transparent	Red	7.5 R 3/12	0	2	0	9
Transparent	Red	7.5 R 3/12	1	0	0	20
Transparent	Red	7.5 R 3/12	1	0	0	22-24
Transparent	Red	7.5 R 3/12	$\frac{3}{5}$	0	0	20-24
			5	2	0	
2.1 Wire wound:	Reheated & tumble	d				
Transparent	Bright Blue	7.5 B 5/8	0	0	1	5
Transparent	Bright Blue	7.5 B 5/8	()	0	1	8
Transparent	Bright Blue	7.5 B 5/8	0	0	1	9
Transparent	Bright Blue	7.5 B 5/8	0	0	2	10
Opaque	Black	No. 5	0	0	1	20-24
					6	
3.1 Molded: Und	lecorated, reheated	& tumbled				
Translucent	Red	7.5 R 3/12	0	0	1	/+
Translucent	Red	7.5 R 3/12	0	0	1	5
Translucent	Red	7.5 R 3/12	0	0	1	6
Translucent	Red	7.5 R 3/12	0	0	1	11
Transfucent	iteu	1.5 K 3/12	9	-	4	
						1

TABLE 35
FEATURE 1 BEAD DATA (QUANTITATIVE)

COLOUR		MEAN m)	WIDTH 6	MEAN	BORE 8	MEAN (cm)	#
1.1 Hollow cane d	rawn: Unmodif	ied					
Black/Green No. 5	1.80-1.93	1.86	0.78-0.82	0.80	0.28-0.29	0.28	2
1.2 Hollow cane d	rawn: Reheate	d and to	umbled				
Emerald Green (10GY4/8)	0.12		0.13		0.06		1
(1) transparent	0.12		0.13				
White (N 9.5) (1) opaque (2) translucent	0.07-0.14	0.10	0.13-0.20 0.18	0.16	0.05-0.07	0.06	9
Pink							
(1) opaque (2.5 YR 8/4) (2) opaque	0.07-0.14 0.10-0.15	0.11	0.14-0.20 0.21-0.22	0.17	0.05-0.10 0.07-0.08	0.06	63
(3) translucent (2.5 YR 7/4)	0.10-0.12	0.11	0.19-0.20	0.20	0.07-0.08	0.08	2
(4) transparent (2.5 YR 7/6)	0.09-0.10	0.10	0.17-0.20	0.19	0.05-0.08	0.06	8
Aqua Blue (10 BG 8/4) (1) opaque (2) translucent (3) transparent	0.07-0.13 0.13 0.13	0.09	0.14-0.16 0.16 0.16	0.15	0.05-0.07 0.05 0.05	0.06	13 1 1
	0.11 0.08-0.13 0.12	0.10	0.18 0.15-0.20 0.21	0.18	0.05 0.06-0.08 0.08	0.07	1 12 1
Turquoise (5 BG 4/8) (1) translucent (2) transparent	0.08-0.10 0.09-0.11	0.10 0.10	0.16-0.17 0.15-0.19	0.17	0.05-0.07 0.06-0.08	0.06 0.07	6 5
Bright Blue (7.5 B 5/8) (1) translucent	0.10-0.16	0.12	0.12-0.19	0.18	0.05-0.07	0.06	30
Shadow Blue (2.5 PB 3/10) (1) opaque (2) translucent	0.26 0.14		0.35 0.19		0.10 0.07		1 1

COLOUR	LENGTH	& MEAN	WIDTH 8	MEAN	BORE DIAMETER	& MEAN	1/
Apple Green (7.5 GY 6/6)	0.10		0.10		0.00		
(1) opaque(2) translucent	0.10 0.11		0.19 0.18		0.08		1
Amber (2.5 Y 7/10) (1) opaque	0.08-0.13	0.13	0.13-0.17	0.15	0.06-0.07	0.06	6
Cinnamon (2.5 Y 7/12) (1) opaque	0.10-0.11	0.10	0.14-0.16	0.15	0.06-0.07	0.06	3
Bright Blue (5 GY 5/8) (1) opaque	0.09		0.19		0.07		1
1.2.1 Hollow cane	drawn: Layer	ed with	white core				
Red (7.5 R 3/12) (1) transparent (2) transparent	0.10-0.11	0.10	0.15-0.18	0.16	0.05-0.10	0.06	5 2
2.1 Wire wound: M	odified						
Bright Blue (7.5 B 5/8) (1) transparent	0.70-0.75	0.73	0.70-0.74	0.71	0.19-0.20	0.20	5
Black (No. 5) (1) opaque	0.95		1.12		0.20		1
3.1 Moulded							
Red (7.5 R 3/12) (1) translucent	0.97-1.02	0.98	1.23-1.26	1.24	0.17-0.28	0.22	4

TABLE 36
FEATURE 2 (QUALITATIVE)

GLASS	COLOUR	HUE, VALUE & CHROMA	SEED	INTER	PONY	LEVE
B 1.2 Hollow	cane drawn: Reheated	& tumbled				
Opaque	Aque Blue	10 BG 8/4	1	0	0	8
Opaque	Shadow Blue	2.5 PB 3/10	0	1	0	8
Opaque	Shadow Blue	2.5 PB 3/10	1	0	0	11
Translucent	Bright Blue	7.5 B 5/8	1	0	0	12
Transparent	Turquoise	5 BG 4/8	2	0	0	13
Translucent	Bright Blue	7.5 B 5/8	2	0	0	13
Opaque	Pink	2.5 YR 8/4	11	0	0	13
Opaque	White	N 9.5	3	0	0	13
Transparent	White	N 9.5	1	0	0	13
Opaque	Shadow Blue	2.5 PB 3/10	10	0	0	13
Translucent	Aqua Blue	10 BG 8/4	2	0	0	13
Opaque	Red	7.5 R 3/12	1	0	0	13
Op a que	Apple Green	7.5 GY 6/6	2	0	0	13
Translucent	Shadow Blue	2.5 PB 3/10	1	0	0	14
Translucent	Aqua Blue	10 BG 8/4	10	0	0	14
Opaque	Aqua Blue	10 BG 8/4	1	0	0	14
Opaque	White	N 9.5	3	1	0	14
Opaque	Amber	2.5 Y 7/10	1	1	0	14
Opaque	Pink	2.5 YR 8/4	11	2	0	14
Franslucent	Pink	2.5 YR 7/4	2	0	0	14
Translucent	Red	7.5 R 3/12	1	0	0	14
Opaque	Apple Green	7.5 GY 4/8	6	0	0	14
Transparent	Red	7.5 R 3/12	1	0	0	14
Transparent	Turquoise	5 BG 4/8	1	0	0	14
Translucent	Bright Blue	7.5 B 5/8	2	0	0	14
Opaque	Aqua Blue	10 BG 8/4	4	0	1	15
Opaque	Pink	2.5 YR 8/4	11	0	0	15
Opaque	Apple Green	7.5 GY 4/8	2	0	0	15
Transparent	Bright Blue	7.5 B 5/8	1	0	0	15
Translucent	Bright Blue	7.5 B 5/8	11	0	0	15
Transparent	Turquoise	5 BG 4/8	4	0	0	15
Opaque	Shadow Blue	2.5 PB 3/10	6	0	0	15
Opaque	Cinnamon	2.5 Y 7/12	2	0	0	15
Translucent	Red	7.5 R 3/12	6	0	0	15
Opaque	White	N 9.5	158	0	0	15
Transparent	Clear	., , , ,	1	0	0	15
Opaque	Pink	2.5 YR 8/4	5	0	:0	16
Opaque	Apple Green	7.5 GY 4/8	2	0	0	15
Opaque Opaque	Aqua Blue	10 BG 8/4	1	0	0	16
Opaque	Amber	2.5 Y 7/10	1	0	0	16
Opaque	White	N 9.5	2	0	1	16
Translucent	Turquoise	5 BG 4/8	1	0	0	16
Translucent	Bright Blue	7.5 B 5/8	6	0	0	16
Translucent	Red	7.5 R 3/12	3	0	0	16
Translucent	Apple Green	7.5 GY 4/8	2			16
			305	$\frac{0}{5}$	$\frac{0}{2}$	

GLASS	(COLOUR			VALUE IROMA	SEED	INTER	PONY	LEVEI
1.2.1 Hollow	cane	drawn:	Layered	red and	white				
Transparent	Red			7.5 F	3/12	1	0	0	9
Transparent	Red			7.5 F	3/12	1	0	0	10
Transparent	Red			7.5 F	3/12	1	0	0	11
Transparent	Red			7.5 F	3/12	1	0	0	12
Transparent	Red			7.5 F	3/12	8	0	0	13
Transparent	Red			7.5 F	3/12	9	0	1	14
Transparent	Red			7.5 R	3/12	4	0	0	15
Transparent	Red			7.5 R	3/12	_5	0	0	16
						30	0	$\frac{1}{1}$	
1.2.2 Hollow	cane	drawn:	Layered	with br	own opac	que core			
Opaque	Red			7.5 R	3/12	0	1	0	14
1.2.3 Hollow	cane	drawn:	Layered	with bl	ack opac	que core			
Opaque	Red			7.5 R	3/12	0	1	0	16
2.1 Wire woun	nd: Re	heated	and tumb	led					
Transparent	Whit	e		N 9.5		0	0	1	12

	FEATUR	E 2 BEA	D DATA (QUAN	TITATIVE))		
COLOUR	LENGTH &	MEAN	WIDTH	& MEAN	BORE O	& MEAN	#
1.2 Hollow cane	drawn: Reheat	ed and	tumbled				
Aqua Blue (10 BG 8/4) (1) opaque (2) opaque (3) translucent	0.07-0.11 0.24 0.08-0.11	0.09	0.12-0.20 0.30 0.11-0.16	0.15	0.06-0.10 0.13 0.06-0.10	0.07	7 1 9
Shadow Blue (2.5 PB 3/10) (1) opaque (2) opaque (3) translucent	0.07-0.14 2.4 1.0	0.10	0.13-0.16 2.6 1.6	0.14	0.04-0.10 1.0 1.0	0.08	17 1 1
Bright Blue (7.5 B 5/8) (1) translucent (2) transparent	0.07-0.13	0.09	0.11-0.18	0.15	0.05-0.07	0.06	22
Turquoise (5 BG 4/8) (1) translucent (2) transparent	0.07 0.08-0.15	0.11	0.14 0.09-0.17	0.14	0.05 0.05-0.08	0.07	1 7
Pink (2.5 YR 8/4) (1) opaque (2) opaque (3) translucent	0.07-0.13 0.10-0.15 0.09	0.10	0.14-0.19 0.21-0.23 0.11	0.16 0.22	0.04-0.10 0.07-0.09 0.06	0.07	38 2 2
White (N 9.5) (1) opaque (2) opaque (3) opaque (4) transparent	0.06-0.13 0.12 0.21 0.10	0.08	0.11-0.19 0.25 0.33 0.13	0.13	0.04-0.10 0.10 0.12 0.10	0.05	169 1 1
Red (7.5 R 3/12) (1) opaque (2) translucent (3) transparent	0.10 0.05-0.11 0.10	0.09	0.16 0.12-0.18 0.17	0.15	0.10 0.05-0.06 0.06	0.06	1 10 1
Apple Green (7.5 GY 6/6) (1) opaque (2) translucent	0.09-0.15 0.11-0.13	0.12 0.12	0.14-0.20 0.15-0.18	0.17 0.16	0.05-0.10 0.06-0.07	0.07	12 2

COLOUR	LENGTH & MEAN	WIDTH &	MEAN	BORE & DIAMETER	MEAN	#
Amber (2.5 Y 7/10)						
(1) opaque	0.12	1.8		0.07		2
(2) opaque	0.11	0.20		0.09		1
Cinnamon (2.5 Y 7/12)						
(1) opaque	0.12	0.18		0.06		2
1.2.1 Hollow cane	drawn: Layered red	and white				
Red (7.5 R 3/12) (1) transparent (2) transparent	0.08-0.13 0.10 0.23	0.14-0.20 0.32	0.17	0.05-0.10 0.13	0.07	30
1.2.2 Hollow cane	drawn: Layered with	n brown opaque	core			
Red (7.5 R 3/12) (1) opaque	0.20	0.26		0.09		1
1.2.3 Hollow cane	drawn: layered with	black opaque	core			
Red (7.5 R 3/12) (1) opaque	0.24	0.27		0.10		1
2.1 Wire wound: Tu	umbled and reheated					
White (N 9.5)	0.91	0.51		0.14		1
(1) transparent	0.71	0.31		0.14		1
		TOTAL				346

TABLE 38

FEATURE 3 BEAD DATA (QUALITATIVE)

GLASS	COLOUR	HUE, VALUE & CHROMA	SEED	INTER	PONY	LEVEL
1.1 Hollow ca	ane drawn: unmodif	ied				
Translucent	Bright Blue	7.5 B 5/8	0	0	1	11
1.2 Hollow ca	ane drawn: reheate	d and tumbled				
Opaque	Amber	2.5 Y 7/10	1	0	0	3
Translucent	Bright Blue	7.5 B 5/8	2	0	0	6
Translucent	Aqua Blue	10 BG 8/4	1	0	0	6
Translucent	Bright Blue	7.5 B 5/8	1	0	0	7
Opaque	White	N 9.5	1	0	0	7
Opaque	Apple Green	7.5 GY 6/6	0	1	0	8
Translucent	Aqua Blue	10 BG 8/4	1	0	0	11
			7	1	ō	

TABLE 39
FEATURE 3 BEAD DATA (QUANTITATIVE)

COLOUR	LENGTH &	MEAN	WIDTH	&	MEAN	BORE DIAMETER	& MEAN	#
1.1 Hollow cane	drawn: Unmodi	fied						
Bright Blue (7.5 B 5/8) (1) translucent			0.54			0.21		1
1.2 Hollow cane:	Reheated and	tumble	ed					
Amber (2.5 Y 7/10) (1) opaque	0.12		0.18			0.07		1
Bright Blue (7.5 B 5/8) (1) translucent	0.09-0.14	0.11	0.17-0.18	(0.17	0.05-0.06	0.06	3
Aqua Blue (10 BG 8/4) (1) translucent	0.11-0.14	0.12	0.16-0.17	(0.16	0.06-0.07	0.06	2
White (N 9.5) (1) opaque	0.10		0.16			0.06		1
Apple Green (7.5 GY 5/5) (1) opaque	0.13		0.21			0.09		1
					TOTA	AL		9

TABLE 40
NO FEATURE ASSOCIATION BEAD DATA (QUALITATIVE)

GLASS	COLOUR		VALUE HROMA	SEED	INTER	PONY	UNIT	LEVEL
1.2 Hollow o	cane drawn: Reh	eated a	and tumb	led				
Opaque	Shadow Blue	2.5	PB 3/10	0	0	1	186/190	3
Opaque	Pink	2.5	YR 8/4	1	0	0	182-184/ 186	4
				1	$\overline{0}$	1	100	

TABLE 41

NO FEATURE ASSOCIATION BEAD DATA (QUANTITATIVE)

COLOUR		LENGTH	WIDTH	BORE DIAMETER	#
1.2 Hollow cane	drawn: Tum	bled and	reheated		
Shadow Blue (2.5 PB 3/10) (1) opaque		0.18	0.30	0.15	1
Pink (2.5 YR 8/4) (1) opaque		0.10	0.18	0.07	1

Household artifacts

A large percentage of ceramics was obtained from the Hudson's Bay Company, and since no two vessels with the same pattern were recovered, the vessels were likely procured one at a time rather than in sets. Several vessels displayed hand-painted designs and may have been brought to the site via freighting from the United States. At least five pipes were recovered and these were mainly of two materials, kaolin and coarse earthenware.

Clothing and ornamentation

A variety of buttons was recovered, including large brass buttons listed as part of the Metis dress. Other button types included bone, ceramic and shell. A large number of beads were also recovered and the total count of 546 made this artifact category the most numerous when compared to the total assemblage. Beadwork has been listed as a specialty of the Metis and this may be reflected by the large sample recovered at the Garden Site. Of this sample, plain white and pink beads were the most common and might suggest a cultural preference for these varieties.

Hunting and subsistence

A full range of arms-related artifacts was recovered, and at least three weapons were represented. The morphology of the lockplate indicated that it had been manufactured prior to the owner's arrival on the site and had undergone a variety of modifications.