

FORT VANCOUVER EXCAVATIONS - III

1845 Harness Shop

by

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and

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Fig. 7 - Miscellaneous artifacts.

a-e - Sectional views of "black glass" rum bottle necks

f - "Black glass" rum bottle neck with cork and wire tie in situ

g-h - Fragments of wine bottle seals

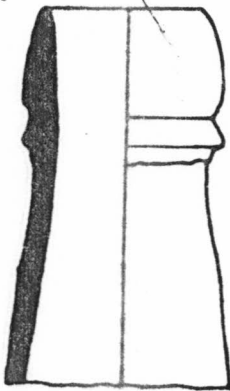
i-l - Variations of "Ford Stepney" pipe bowl impressions

m-n - Hudson's Bay Company lead seals

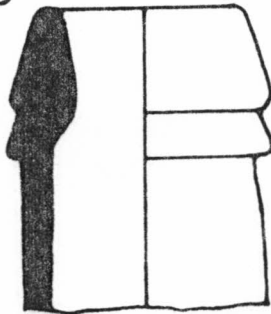
o - Mandrel wound, pressed, faceted, punched bead

p - Wire wound faceted bead

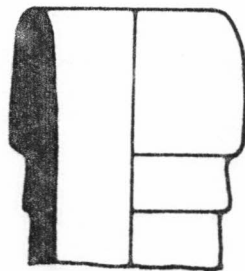
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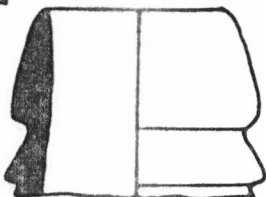
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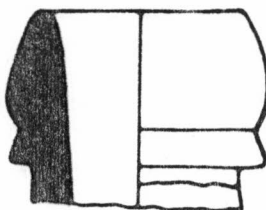
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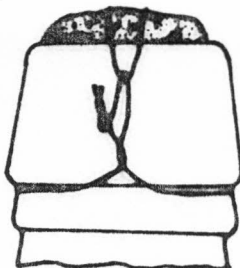
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g



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i



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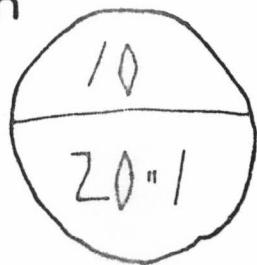
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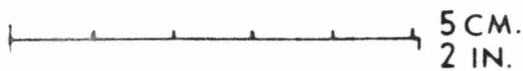
l



m



n



o



p



d.

be either bottle, tumbler, or stemmed glassware fragments. However, no positive identification could be made.

Window Glass Fragments

There were 3124 fragments of window glass recovered. For 3120 specimens, glass thickness varied from 0.8 - 4.3 mm. (ca. 2/64 - 11/64 inch) with a mean of 1.61 mm. and a standard deviation of 0.39 mm. (Fig. 8). These measurements show a bimodal distribution with peaks at 1.2 and 1.6 - 1.7 mm. Presumably, these peaks represent at least 2 major populations of window glass for the Harness Shop area.

Within the sample of window glass was one fragment (FOVA 6570) of brown stained glass with a thickness of 1.0 mm. (ca. 3/64").

Mirror Glass Fragments

Only 13 specimens of mirror glass were recovered, and they varied in thickness from 1.0 - 5.2 mm. (ca. 2/64 - 13/64 inch). Because of the small sample size, no distributions were plotted.

Glass Beads

Fifty-eight beads were recovered and have been described on the basis of color, size of bead, size of hole, type of reflection, and number of facets (see Appendix II). A comparison between these beads and the identification numbers used by Kenneth and Martha Kidd (1970) is presented as Table 9.

Types of beads recovered included hot tumbled and marvered tube beads, plain and faceted wire wound beads, faceted mandrel wound beads, and one fritted bead.

One wire wound bead (FOVA 4934) was recovered which has 12 facets ground around its circumference (Fig. 7p).

Sixteen mandrel wound beads were recovered which have 37 - 53 facets ground on each bead (Table 10). These beads were made on a mandrel by drawing or winding glass from 2 directions toward the center of the bead. Next, either the bead, while still on the mandrel, was pressed into a spheroid with a hole partially through the bead, or the bead was removed from the mandrel and hot tumbled to produce its spheroid shape. The bead then had a number of facets (37 - 53) ground on its surface, and the hole was punched through the remaining glass from the inside (Fig. 7o). The specimens recovered are opaque and in 3 shades of blue.

Table 9 - Comparison of beads with Kidds' (1970) Identification numbers.

Kidds' Identification Number	Color		Reflection	Number of Facets	Total
	Primary	Secondary			
IIa	N 9.5/		Opaque		11
	10 YR 9/1		Opaque		1
	5 Y 9/1		Opaque		2
	5 Y 8.5/1		Opaque		2
	10 BG 5/6		Opaque		1
	2.5 B 4/6		Opaque		1
	5 B 6/8		Opaque		1
	5 PB 4/6		Opaque		1
	5 BG 4/6		Translucent		1
	10 BG 5/6		Translucent		1
	10 BG 6/8		Translucent		1
	2.5 B 5/8		Translucent		1
	10 B 4/10		Translucent		1
III f	7.5 B 7/4	7.5 B 8/4	Opaque	21	2
	5 PB 4/8	5 PB 6/8	Opaque	n.a.	1
	7.5 PB 3/10	7.5 PB 5/10	Opaque	21	1
	7.5 PB 4/10	7.5 PB 5/10	Opaque	21	1
	Clear	Whitish	Translucent	21	1
	7.5 PB 3/10	7.5 PB 7/6	Translucent	18 or 21	5
W1b	2.5 B 3/4		Translucent		1
	2.5 B 4/4		Translucent		1
	7.5 PB 3/10		Translucent		1
	10 B 6/6		Opaque		1
W11	5 BG 2/2		Opaque	12	1
Mandrel Wound	2.5 B 8/4		Opaque	37 - 46	9
	5 PB 6/8		Opaque	37 - 46	5
	5 PB 4/8		Opaque	43 - 53	2
Fritted	N 9.5/	see text	Opaque		1
TOTAL					58

Table 10 - Mandrel wound beads.

Color	Reflection	Facets	Total
2.5 B 8/4	Opaque	37, 38, 39, 40, 41, 42, 43, 46	9
5 PB 6/8	Opaque	37, 46	5
5 PB 4/8	Opaque	43, 53	2
TOTAL			16

Table 11 - Glass rods and strips.

FOVA Catalog Number	Shape	Dimensions (mm.)			Color	Reflection
		Width	Thick.	Dia.		
3378	Strip	5.55	1.65		N 8.5/	Translucent
3445	Rod			1.85	N 8.5/	Translucent
4726	Strip	6.90	1.25		10 BG 7/6	Translucent
4844	Strip	n.a.	n.a.		2.5 B 7/6	Translucent
5495	Strip	6.10	1.05		7.5 PB 3/12	Translucent
5522	Strip	10.55	1.85		N 8.5/	Translucent
5722	Rod			2.00	7.5 PB 2/10	Translucent
6551	Strip	5.05	1.10		7.5 PB 3/12	Translucent

Another unique type of bead recovered was a fritted bead fragment (FOVA 4773) made of an opaque white (N 9.5/) glass embedded with pink (2.5 RP 6/8) and blue (10 PB 2/8) fragments of crushed glass. The hole in the bead has a metallic oxide stain which indicates that a metal rod was used while fritting the glass.

Glass Rods and Strips

Eight fragments of glass rods and strips were recovered, and they have been described on the basis of color, reflection, size, and shape (Table 11). No specimen is complete, if such a term can be applied, rather, each specimen is broken at both ends.

Presently, there is no functional explanation for these specimens.

Thermometer Tube

One clear thermometer tube fragment (FOVA 4464) was recovered measuring 4.5 mm. (11/64") in diameter with a flat hole. There are no marks on the glass, and it was probably used as a temperature gauge.

Metal Items

Metal items totaled 10,919 specimens which have been grouped into 5 categories (Table 3).

Hardware Items

Hardware items totaled 9192 specimens which were grouped into 57 categories (Table 12). Only square nails will be discussed in detail.

Square Nails

Of the 6903 square nails recovered, there were 3148 hand forged, 2235 machine cut, and 1520 unidentifiable. Graphic representations of the major styles of nails appear in Fig. 9.

Within the forged nail category, bonnet and rosette headed nails (Figs. 9a-c) comprised the majority, but a number of less frequent styles were also found. Functionally, both bonnet and rosette headed nails would probably correspond to our present day "common" nail.

One unique style of hand forged nails is a countersunk, rosette headed short nail (Fig. 9e) which apparently functioned as a fastener for butt hinges, and corresponds to our present day countersunk screw. Its countersunk head matches the countersunk