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1966 Toward a Chronology of Glass Trade Beads.

Paper presented at the 19th Annual Northwest Anthropological Conference, Banff, 7-9 April.

A. Gross Analysis

1. Technique of manufacture
 - a. tubular drawn
 - complexity: simple/ compound/complex (1/2/3+ elements)
 - b. wound or mandrel wound
 - c. pressed or mold made
 - d. blown
 - e. others: folded, spiral, hand perforated, pulverized & fused
2. Shape (geometry)
 - a. standard shapes (spherical, biconical, torus, etc.)
 - b. specially named shapes (melon, raspberry, collared, etc.)
3. Size
 - a. metric measurements (length, diameter, hole diameter)
 - b. relative scales (small, medium, large, etc.)
 - c. arbitrary scales (screen sizes, drill gauge, etc.)
 - d. weight
4. Color
 - a. general colors (light green, robin's egg blue, etc.)
 - b. Munsell color chart
 - c. other color charts
5. Diaphaniety
 - a. opaque
 - b. translucent
 - c. transparent
6. Ornamentation and modification
 - a. paint
 - b. glaze
 - c. overlay
 - d. ground facets
 - e. degree of tumbling
7. Luster
 - a. degree
 - b. special types (pearl, opal, metallic, etc.)

B. Laboratory Analysis

1. Composition
 - a. spectrographic analysis
 - b. x-ray diffraction
 - c. ion activation
2. Micromorphology
3. Index of Refraction
4. Fusibility
5. Fluorescence
6. Specific gravity
7. Magnetic resonance

C. Historical Analysis

1. Popular type name
2. Source
 - a. manufacture
 - b. trade
3. Age
 - a. dates of manufacture
 - b. dates of trade
 - c. dates of use
4. Distribution (comparative analysis)
5. Cultural factors
 - a. form
 - b. function
 - c. meaning