

## Raw Data (Poverty Point Sampling Activity)

### Random Sampling Activity:

|              | Square # | Area of the Map | PPOs | Figurines | Lapidary Objects | Lamellar Blades | Projectile Points |
|--------------|----------|-----------------|------|-----------|------------------|-----------------|-------------------|
| 1            |          |                 |      |           |                  |                 |                   |
| 2            |          |                 |      |           |                  |                 |                   |
| 3            |          |                 |      |           |                  |                 |                   |
| 4            |          |                 |      |           |                  |                 |                   |
| 5            |          |                 |      |           |                  |                 |                   |
| 6            |          |                 |      |           |                  |                 |                   |
| 7            |          |                 |      |           |                  |                 |                   |
| 8            |          |                 |      |           |                  |                 |                   |
| 9            |          |                 |      |           |                  |                 |                   |
| 10           |          |                 |      |           |                  |                 |                   |
| 11           |          |                 |      |           |                  |                 |                   |
| 12           |          |                 |      |           |                  |                 |                   |
| 13           |          |                 |      |           |                  |                 |                   |
| 14           |          |                 |      |           |                  |                 |                   |
| 15           |          |                 |      |           |                  |                 |                   |
| 16           |          |                 |      |           |                  |                 |                   |
| <b>Total</b> |          |                 |      |           |                  |                 |                   |

### Systematic Sampling Activity:

|              | Square # | Area of the Map | PPOs | Figurines | Lapidary Objects | Lamellar Blades | Projectile Points |
|--------------|----------|-----------------|------|-----------|------------------|-----------------|-------------------|
| 1            |          |                 |      |           |                  |                 |                   |
| 2            |          |                 |      |           |                  |                 |                   |
| 3            |          |                 |      |           |                  |                 |                   |
| 4            |          |                 |      |           |                  |                 |                   |
| 5            |          |                 |      |           |                  |                 |                   |
| 6            |          |                 |      |           |                  |                 |                   |
| 7            |          |                 |      |           |                  |                 |                   |
| 8            |          |                 |      |           |                  |                 |                   |
| 9            |          |                 |      |           |                  |                 |                   |
| 10           |          |                 |      |           |                  |                 |                   |
| 11           |          |                 |      |           |                  |                 |                   |
| 12           |          |                 |      |           |                  |                 |                   |
| 13           |          |                 |      |           |                  |                 |                   |
| 14           |          |                 |      |           |                  |                 |                   |
| 15           |          |                 |      |           |                  |                 |                   |
| 16           |          |                 |      |           |                  |                 |                   |
| <b>Total</b> |          |                 |      |           |                  |                 |                   |

## Raw Data (Poverty Point Sampling Activity)

### Stratified Sampling Activity:

|                    | Square # | Area of the Map | PPOs | Figurines | Lapidary Objects | Lamellar Blades | Projectile Points |
|--------------------|----------|-----------------|------|-----------|------------------|-----------------|-------------------|
| 1                  |          | Outside         |      |           |                  |                 |                   |
| 2                  |          | Outside         |      |           |                  |                 |                   |
| Total Outside      |          |                 |      |           |                  |                 |                   |
| 1                  |          | Plaza           |      |           |                  |                 |                   |
| 2                  |          | Plaza           |      |           |                  |                 |                   |
| 3                  |          | Plaza           |      |           |                  |                 |                   |
| Total Plaza        |          |                 |      |           |                  |                 |                   |
| 1                  |          | N               |      |           |                  |                 |                   |
| 2                  |          | N               |      |           |                  |                 |                   |
| Total North        |          |                 |      |           |                  |                 |                   |
| 1                  |          | NW              |      |           |                  |                 |                   |
| 2                  |          | NW              |      |           |                  |                 |                   |
| Total Northwest    |          |                 |      |           |                  |                 |                   |
| 1                  |          | W               |      |           |                  |                 |                   |
| 2                  |          | W               |      |           |                  |                 |                   |
| 3                  |          | W               |      |           |                  |                 |                   |
| Total West         |          |                 |      |           |                  |                 |                   |
| 1                  |          | SW              |      |           |                  |                 |                   |
| 2                  |          | SW              |      |           |                  |                 |                   |
| Total Southwest    |          |                 |      |           |                  |                 |                   |
| 1                  |          | S               |      |           |                  |                 |                   |
| 2                  |          | S               |      |           |                  |                 |                   |
| Total South        |          |                 |      |           |                  |                 |                   |
| <b>Grand Total</b> |          |                 |      |           |                  |                 |                   |

## Summary Form (Poverty Point Sampling Activity)

### Summary Table:

|            | PPOs |      | Figurines |     | Lapidary Objects |     | Lamellar Blades |      | Projectile Points |     | Total |
|------------|------|------|-----------|-----|------------------|-----|-----------------|------|-------------------|-----|-------|
|            | #    | %    | #         | %   | #                | %   | #               | %    | #                 | %   | #     |
| Actual*    | 5057 | 41.4 | 38        | 0.3 | 66               | 0.5 | 6205            | 50.8 | 847               | 6.9 | 12213 |
| Random     |      |      |           |     |                  |     |                 |      |                   |     |       |
| Systematic |      |      |           |     |                  |     |                 |      |                   |     |       |
| Stratified |      |      |           |     |                  |     |                 |      |                   |     |       |

\*These numbers were compiled using information from the following sources:

Webb, C. H. (1970) Intrasite distribution of artifacts at the Poverty Point Site, with special reference to women's and men's activities. In *The Poverty Point Culture*, edited by B. J. Broyles and C. H. Webb, pp. 21-34. Bulletin No. 12, Southeastern Archaeological Conference, Morgantown, WV.

Gibson, J. L. (1973) *Social Systems at Poverty Point: An Analysis of Intersite and Intrasite Variability*. Unpublished Ph.D. dissertation, Southern Methodist University, Dallas, Texas.

In addition, we have fabricated some additional data for the plaza and area outside of the ridges, since these areas were not included in previous analyses.

## Spatial Analysis Form (Poverty Point Sampling Activity)

**Actual Population (from survey data)\*:**

| Area    | PPOs |      | Figurines |     | Lapidary Objects |     | Lamellar Blades |      | Projectile Points |      | Total # |
|---------|------|------|-----------|-----|------------------|-----|-----------------|------|-------------------|------|---------|
|         | #    | %    | #         | %   | #                | %   | #               | %    | #                 | %    |         |
| Outside | 25   | 80.6 | 0         | 0.0 | 0                | 0.0 | 6               | 19.4 | 0                 | 0.0  | 31      |
| Plaza   | 111  | 75.5 | 0         | 0.0 | 0                | 0.0 | 36              | 24.5 | 0                 | 0.0  | 147     |
| N       | 2851 | 81.7 | 24        | 0.7 | 18               | 0.5 | 255             | 7.3  | 340               | 9.7  | 3488    |
| NW      | 179  | 46.0 | 2         | 0.5 | 1                | 0.3 | 166             | 42.7 | 41                | 10.5 | 389     |
| W       | 216  | 39.3 | 0         | 0.0 | 18               | 3.3 | 211             | 38.4 | 105               | 19.1 | 550     |
| SW      | 101  | 2.3  | 1         | 0.0 | 5                | 0.1 | 4153            | 96.4 | 47                | 1.1  | 4307    |
| S       | 1574 | 47.7 | 11        | 0.3 | 24               | 0.7 | 1378            | 41.7 | 314               | 9.5  | 3301    |

**Results from Stratified Sample:**

| Area    | PPOs |   | Figurines |   | Lapidary Objects |   | Lamellar Blades |   | Projectile Points |   | Total # |
|---------|------|---|-----------|---|------------------|---|-----------------|---|-------------------|---|---------|
|         | #    | % | #         | % | #                | % | #               | % | #                 | % |         |
| Outside |      |   |           |   |                  |   |                 |   |                   |   |         |
| Plaza   |      |   |           |   |                  |   |                 |   |                   |   |         |
| N       |      |   |           |   |                  |   |                 |   |                   |   |         |
| NW      |      |   |           |   |                  |   |                 |   |                   |   |         |
| W       |      |   |           |   |                  |   |                 |   |                   |   |         |
| SW      |      |   |           |   |                  |   |                 |   |                   |   |         |
| S       |      |   |           |   |                  |   |                 |   |                   |   |         |

\*These numbers were compiled using information from Webb (1970) and Gibson (1973).

In addition, we have fabricated some additional data for the plaza and area outside of the ridges, since these areas were not included in previous analyses.