

SAMPLE STATISTICS

| | | |
|------------------|---------------------------------------|--|
| SIEVING ERROR: | 0.0% | VIBRACORE |
| SAMPLE IDENTITY: | SR-44-100 | SIEVE INTERVAL ½ φ |
| SAMPLE TYPE: | Unimodal, Moderately Well Sorted | ANALYST & DATE: |
| SEDIMENT NAME: | Slightly Very Fine Gravelly Fine Sand | TEXTURAL GROUP: Slightly Gravelly Sand |

| | | | GRAIN SIZE DISTRIBUTION | | | |
|---------------------------------------|-------|-------|-------------------------|-------|----------------|-------|
| | μm | φ | | | | |
| MODE 1: | 215.0 | 2.237 | GRAVEL: | 0.5% | COARSE SAND: | 3.8% |
| MODE 2: | | | SAND: | 99.2% | MEDIUM SAND: | 17.8% |
| MODE 3: | | | MUD: | 0.3% | FINE SAND: | 62.7% |
| D ₁₀ : | 113.2 | 1.395 | | | V FINE SAND: | 13.5% |
| MEDIAN or D ₅₀ : | 186.8 | 2.421 | V COARSE GRAVEL: | 0.0% | V COARSE SILT: | 0.0% |
| D ₉₀ : | 380.2 | 3.143 | COARSE GRAVEL: | 0.0% | COARSE SILT: | 0.0% |
| (D ₉₀ / D ₁₀): | 3.359 | 2.253 | MEDIUM GRAVEL: | 0.0% | MEDIUM SILT: | 0.0% |
| (D ₉₀ - D ₁₀): | 267.0 | 1.748 | FINE GRAVEL: | 0.0% | FINE SILT: | 0.0% |
| (D ₇₅ / D ₂₅): | 1.738 | 1.394 | V FINE GRAVEL: | 0.5% | V FINE SILT: | 0.0% |
| (D ₇₅ - D ₂₅): | 104.4 | 0.797 | V COARSE SAND: | 1.4% | CLAY: | 0.0% |

| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
|-----------|-------------------|-----------|-------------|--------------------|-------------|------------------------|
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | φ | μm | φ | |
| MEAN : | 248.725743 | 200.0 | 2.322 | 194.8 | 2.360 | Fine Sand |
| SORTING: | 259.136176 | 1.746 | 0.804 | 1.614 | 0.691 | Moderately Well Sorted |
| SKEWNESS: | 6.15142767 | 0.825 | -0.825 | 0.202 | -0.202 | Coarse Skewed |
| KURTOSIS: | 52.7971172 | 9.287 | 9.287 | 1.266 | 1.266 | Leptokurtic |

GRAIN SIZE DISTRIBUTION

