

SAMPLE STATISTICS

| | | |
|--|--|--------------------|
| SIEVING ERROR: 0.0% | VIBRACORE | SIEVE INTERVAL ½ ϕ |
| SAMPLE IDENTITY: SR-8-510 | ANALYST & DATE: | |
| SAMPLE TYPE: Unimodal, Well Sorted | TEXTURAL GROUP: Slightly Gravelly Sand | |
| SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand | | |

| | | | GRAIN SIZE DISTRIBUTION | | | |
|---------------------------------------|-------|-------|-------------------------|-------|----------------|-------|
| | µm | ϕ | | | | |
| MODE 1: | 215.0 | 2.237 | GRAVEL: | 1.5% | COARSE SAND: | 1.1% |
| MODE 2: | | | SAND: | 98.1% | MEDIUM SAND: | 15.6% |
| MODE 3: | | | MUD: | 0.3% | FINE SAND: | 74.8% |
| D ₁₀ : | 132.9 | 1.653 | | | V FINE SAND: | 5.5% |
| MEDIAN or D ₅₀ : | 204.4 | 2.291 | V COARSE GRAVEL: | 0.0% | V COARSE SILT: | 0.1% |
| D ₉₀ : | 317.9 | 2.912 | COARSE GRAVEL: | 0.0% | COARSE SILT: | 0.1% |
| (D ₉₀ / D ₁₀): | 2.392 | 1.761 | MEDIUM GRAVEL: | 0.0% | MEDIUM SILT: | 0.1% |
| (D ₉₀ - D ₁₀): | 185.0 | 1.258 | FINE GRAVEL: | 0.5% | FINE SILT: | 0.1% |
| (D ₇₅ / D ₂₅): | 1.455 | 1.264 | V FINE GRAVEL: | 1.1% | V FINE SILT: | 0.1% |
| (D ₇₅ - D ₂₅): | 75.38 | 0.541 | V COARSE SAND: | 1.2% | CLAY: | 0.1% |

| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
|------------|-------------------|-----------|-------------|--------------------|-------------|-------------|
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | µm | µm | ϕ | µm | ϕ | |
| MEAN : | 278.9 | 211.9 | 2.239 | 200.8 | 2.317 | Fine Sand |
| SORTING : | 445.2 | 1.727 | 0.788 | 1.411 | 0.497 | Well Sorted |
| SKEWNESS : | 7.490 | 1.765 | -1.765 | 0.009 | -0.009 | Symmetrical |
| KURTOSIS : | 65.39 | 17.14 | 17.14 | 1.346 | 1.346 | Leptokurtic |

