

| | | | | | | |
|--|-------------------|---------------|--|--------------------|---------------------|------------------------|
| SIEVING ERROR: 0.1% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: SR-99-180 | | | ANALYST & DATE: , | | | |
| SAMPLE TYPE: Unimodal, Moderately Well Sorted | | | TEXTURAL GROUP: Slightly Gravelly Sand | | | |
| SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand | | | | | | |
| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
| MODE 1: | 215.0 | 2.237 | GRAVEL: 1.6% | | COARSE SAND: 6.2% | |
| MODE 2: | | | SAND: 98.3% | | MEDIUM SAND: 48.0% | |
| MODE 3: | | | MUD: 0.0% | | FINE SAND: 40.9% | |
| D ₁₀ : | 178.9 | 1.014 | | | V FINE SAND: 1.5% | |
| MEDIAN or D ₅₀ : | 272.0 | 1.878 | V COARSE GRAVEL: 0.0% | | V COARSE SILT: 0.0% | |
| D ₉₀ : | 495.1 | 2.482 | COARSE GRAVEL: 0.0% | | COARSE SILT: 0.0% | |
| (D ₉₀ / D ₁₀): | 2.767 | 2.448 | MEDIUM GRAVEL: 0.0% | | MEDIUM SILT: 0.0% | |
| (D ₉₀ - D ₁₀): | 316.2 | 1.468 | FINE GRAVEL: 0.5% | | FINE SILT: 0.0% | |
| (D ₇₅ / D ₂₅): | 1.735 | 1.544 | V FINE GRAVEL: 1.1% | | V FINE SILT: 0.0% | |
| (D ₇₅ - D ₂₅): | 153.9 | 0.795 | V COARSE SAND: 1.7% | | CLAY: 0.0% | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 373.2 | 293.8 | 1.767 | 283.3 | 1.820 | Medium Sand |
| SORTING (σ): | 461.9 | 1.726 | 0.787 | 1.578 | 0.659 | Moderately Well Sorted |
| SKEWNESS (Sk): | 6.632 | 1.673 | -1.673 | 0.191 | -0.191 | Coarse Skewed |
| KURTOSIS (K): | 54.65 | 9.735 | 9.735 | 1.224 | 1.224 | Leptokurtic |

