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|--|-------------------|---------------|--|--------------------|---------------------|------------------------|
| SIEVING ERROR: 0.2% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: SR-98-180 | | | 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: | 302.5 | 1.747 | GRAVEL: 0.5% | | COARSE SAND: 14.4% | |
| MODE 2: | | | SAND: 99.5% | | MEDIUM SAND: 60.2% | |
| MODE 3: | | | MUD: 0.0% | | FINE SAND: 21.4% | |
| D ₁₀ : | 200.4 | 0.564 | | | V FINE SAND: 0.4% | |
| MEDIAN or D ₅₀ : | 329.2 | 1.603 | V COARSE GRAVEL: 0.0% | | V COARSE SILT: 0.0% | |
| D ₉₀ : | 676.3 | 2.319 | COARSE GRAVEL: 0.0% | | COARSE SILT: 0.0% | |
| (D ₉₀ / D ₁₀): | 3.374 | 4.109 | MEDIUM GRAVEL: 0.0% | | MEDIUM SILT: 0.0% | |
| (D ₉₀ - D ₁₀): | 475.8 | 1.755 | FINE GRAVEL: 0.1% | | FINE SILT: 0.0% | |
| (D ₇₅ / D ₂₅): | 1.757 | 1.712 | V FINE GRAVEL: 0.4% | | V FINE SILT: 0.0% | |
| (D ₇₅ - D ₂₅): | 195.3 | 0.813 | V COARSE SAND: 3.2% | | CLAY: 0.0% | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 414.7 | 352.8 | 1.503 | 341.7 | 1.549 | Medium Sand |
| SORTING (σ): | 323.0 | 1.632 | 0.706 | 1.590 | 0.669 | Moderately Well Sorted |
| SKEWNESS (Sk): | 6.152 | 1.021 | -1.021 | 0.197 | -0.197 | Coarse Skewed |
| KURTOSIS (K): | 65.78 | 5.307 | 5.307 | 1.171 | 1.171 | Leptokurtic |

