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|---|-------------------|---------------|-------------------------------|--------------------|---------------------|--------------------|
| SIEVING ERROR: 0.1% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: SR-101-90 | | | ANALYST & DATE: , | | | |
| SAMPLE TYPE: Unimodal, Poorly Sorted | | | TEXTURAL GROUP: Gravelly Sand | | | |
| SEDIMENT NAME: Very Fine Gravelly Medium Sand | | | | | | |
| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
| MODE 1: | 302.5 | 1.747 | GRAVEL: 6.2% | | COARSE SAND: 12.2% | |
| MODE 2: | | | SAND: 93.7% | | MEDIUM SAND: 46.0% | |
| MODE 3: | | | MUD: 0.0% | | FINE SAND: 29.5% | |
| D ₁₀ : | 189.1 | -0.266 | | | V FINE SAND: 0.6% | |
| MEDIAN or D ₅₀ : | 318.6 | 1.650 | V COARSE GRAVEL: 0.0% | | V COARSE SILT: 0.0% | |
| D ₉₀ : | 1202.4 | 2.403 | COARSE GRAVEL: 0.0% | | COARSE SILT: 0.0% | |
| (D ₉₀ / D ₁₀): | 6.358 | -9.037 | MEDIUM GRAVEL: 0.0% | | MEDIUM SILT: 0.0% | |
| (D ₉₀ - D ₁₀): | 1013.2 | 2.669 | FINE GRAVEL: 2.3% | | FINE SILT: 0.0% | |
| (D ₇₅ / D ₂₅): | 2.099 | 2.036 | V FINE GRAVEL: 3.9% | | V FINE SILT: 0.0% | |
| (D ₇₅ - D ₂₅): | 255.9 | 1.070 | V COARSE SAND: 5.4% | | CLAY: 0.0% | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 605.5 | 389.1 | 1.362 | 361.9 | 1.466 | Medium Sand |
| SORTING (σ): | 857.4 | 2.169 | 1.117 | 2.056 | 1.040 | Poorly Sorted |
| SKEWNESS (Sk): | 3.525 | 1.443 | -1.443 | 0.405 | -0.405 | Very Coarse Skewed |
| KURTOSIS (K): | 15.77 | 5.037 | 5.037 | 1.481 | 1.481 | Leptokurtic |

