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|--|-------------------|---------------|---------------------------------|--------------------|---------------------|--------------------|
| SIEVING ERROR: 0.0% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: SR-95-300 | | | ANALYST & DATE: , | | | |
| SAMPLE TYPE: Bimodal, Poorly Sorted | | | TEXTURAL GROUP: Gravelly Sand | | | |
| SEDIMENT NAME: Fine Gravelly Medium Sand | | | | | | |
| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
| MODE 1: | 302.5 | 1.747 | GRAVEL: 12.7% | | COARSE SAND: 7.4% | |
| MODE 2: | 4800.0 | -2.243 | SAND: 87.2% | | MEDIUM SAND: 46.2% | |
| MODE 3: | | | MUD: 0.1% | | FINE SAND: 28.4% | |
| D ₁₀ : | 191.9 | -1.517 | | | V FINE SAND: 0.5% | |
| MEDIAN or D ₅₀ : | 315.1 | 1.666 | V COARSE GRAVEL: 0.0% | | V COARSE SILT: 0.0% | |
| D ₉₀ : | 2861.3 | 2.382 | COARSE GRAVEL: 0.0% | | COARSE SILT: 0.0% | |
| (D ₉₀ / D ₁₀): | 14.91 | -1.570 | MEDIUM GRAVEL: 0.0% | | MEDIUM SILT: 0.0% | |
| (D ₉₀ - D ₁₀): | 2669.4 | 3.898 | FINE GRAVEL: 6.6% | | FINE SILT: 0.0% | |
| (D ₇₅ / D ₂₅): | 2.108 | 2.071 | V FINE GRAVEL: 6.1% | | V FINE SILT: 0.0% | |
| (D ₇₅ - D ₂₅): | 262.0 | 1.076 | V COARSE SAND: 4.7% | | CLAY: 0.0% | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 835.4 | 437.3 | 1.193 | 432.0 | 1.211 | Medium Sand |
| SORTING (σ): | 1260.6 | 2.616 | 1.387 | 2.533 | 1.341 | Poorly Sorted |
| SKEWNESS (Sk): | 2.344 | 1.323 | -1.323 | 0.583 | -0.583 | Very Coarse Skewed |
| KURTOSIS (K): | 7.158 | 3.965 | 3.965 | 1.766 | 1.766 | Very Leptokurtic |

