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|---|-------------------|---------------|---------------------------------|--------------------|---------------------|--------------------|
| SIEVING ERROR: 0.0% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: SR-95-240 | | | 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: 8.7% | | COARSE SAND: 9.6% | |
| MODE 2: | | | SAND: 91.3% | | MEDIUM SAND: 53.9% | |
| MODE 3: | | | MUD: 0.0% | | FINE SAND: 23.1% | |
| D ₁₀ : | 199.1 | -0.700 | | | V FINE SAND: 0.4% | |
| MEDIAN or D ₅₀ : | 324.1 | 1.626 | V COARSE GRAVEL: 0.0% | | V COARSE SILT: 0.0% | |
| D ₉₀ : | 1624.3 | 2.328 | COARSE GRAVEL: 0.0% | | COARSE SILT: 0.0% | |
| (D ₉₀ / D ₁₀): | 8.157 | -3.327 | MEDIUM GRAVEL: 0.0% | | MEDIUM SILT: 0.0% | |
| (D ₉₀ - D ₁₀): | 1425.1 | 3.028 | FINE GRAVEL: 3.6% | | FINE SILT: 0.0% | |
| (D ₇₅ / D ₂₅): | 1.883 | 1.857 | V FINE GRAVEL: 5.1% | | V FINE SILT: 0.0% | |
| (D ₇₅ - D ₂₅): | 224.2 | 0.913 | V COARSE SAND: 4.3% | | CLAY: 0.0% | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 683.0 | 412.9 | 1.276 | 373.1 | 1.422 | Medium Sand |
| SORTING (σ): | 1010.7 | 2.259 | 1.176 | 2.087 | 1.061 | Poorly Sorted |
| SKEWNESS (Sk): | 3.038 | 1.613 | -1.613 | 0.479 | -0.479 | Very Coarse Skewed |
| KURTOSIS (K): | 11.55 | 5.020 | 5.020 | 1.868 | 1.868 | Very Leptokurtic |

