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|---|-------------------|---------------|---------------------------------|--------------------|---------------------|--------------------|
| SIEVING ERROR: 0.0% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: SR-83-480 | | | ANALYST & DATE: , | | | |
| SAMPLE TYPE: Bimodal, Poorly Sorted | | | TEXTURAL GROUP: Gravelly Sand | | | |
| SEDIMENT NAME: Very Fine Gravelly Fine Sand | | | | | | |
| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
| MODE 1: | 215.0 | 2.237 | GRAVEL: 11.6% | | COARSE SAND: 7.3% | |
| MODE 2: | 3400.0 | -1.743 | SAND: 88.1% | | MEDIUM SAND: 35.2% | |
| MODE 3: | | | MUD: 0.3% | | FINE SAND: 35.2% | |
| D ₁₀ : | 154.1 | -1.173 | | | V FINE SAND: 3.6% | |
| MEDIAN or D ₅₀ : | 292.2 | 1.775 | V COARSE GRAVEL: 0.0% | | V COARSE SILT: 0.0% | |
| D ₉₀ : | 2254.7 | 2.698 | COARSE GRAVEL: 0.0% | | COARSE SILT: 0.0% | |
| (D ₉₀ / D ₁₀): | 14.63 | -2.301 | MEDIUM GRAVEL: 0.0% | | MEDIUM SILT: 0.0% | |
| (D ₉₀ - D ₁₀): | 2100.6 | 3.871 | FINE GRAVEL: 2.0% | | FINE SILT: 0.0% | |
| (D ₇₅ / D ₂₅): | 2.561 | 2.481 | V FINE GRAVEL: 9.6% | | V FINE SILT: 0.0% | |
| (D ₇₅ - D ₂₅): | 323.0 | 1.357 | V COARSE SAND: 6.8% | | CLAY: 0.0% | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 723.5 | 390.8 | 1.356 | 414.1 | 1.272 | Medium Sand |
| SORTING (σ): | 1019.2 | 2.677 | 1.421 | 2.669 | 1.416 | Poorly Sorted |
| SKEWNESS (Sk): | 2.380 | 0.873 | -0.873 | 0.513 | -0.513 | Very Coarse Skewed |
| KURTOSIS (K): | 8.029 | 3.740 | 3.740 | 1.402 | 1.402 | Leptokurtic |

