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|--|-------------------|---------------|--|--------------------|---------------------|-------------------|
| SIEVING ERROR: 0.2% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: SR-80-30 | | | ANALYST & DATE: , | | | |
| SAMPLE TYPE: Bimodal, Moderately 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: 0.6% | | COARSE SAND: 12.4% | |
| MODE 2: | 855.0 | 0.247 | SAND: 99.4% | | MEDIUM SAND: 50.2% | |
| MODE 3: | | | MUD: 0.0% | | FINE SAND: 30.8% | |
| D ₁₀ : | 188.5 | 0.316 | | | V FINE SAND: 0.5% | |
| MEDIAN or D ₅₀ : | 305.9 | 1.709 | V COARSE GRAVEL: 0.0% | | V COARSE SILT: 0.0% | |
| D ₉₀ : | 803.5 | 2.408 | COARSE GRAVEL: 0.0% | | COARSE SILT: 0.0% | |
| (D ₉₀ / D ₁₀): | 4.263 | 7.627 | MEDIUM GRAVEL: 0.0% | | MEDIUM SILT: 0.0% | |
| (D ₉₀ - D ₁₀): | 615.0 | 2.092 | FINE GRAVEL: 0.0% | | FINE SILT: 0.0% | |
| (D ₇₅ / D ₂₅): | 1.919 | 1.796 | V FINE GRAVEL: 0.6% | | V FINE SILT: 0.0% | |
| (D ₇₅ - D ₂₅): | 211.2 | 0.940 | 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}): | 415.4 | 339.5 | 1.559 | 329.9 | 1.600 | Medium Sand |
| SORTING (σ): | 329.9 | 1.748 | 0.805 | 1.727 | 0.788 | Moderately Sorted |
| SKEWNESS (Sk): | 3.155 | 0.963 | -0.963 | 0.280 | -0.280 | Coarse Skewed |
| KURTOSIS (K): | 16.89 | 4.245 | 4.245 | 1.193 | 1.193 | Leptokurtic |

