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|---|-------------------|---------------|--------------------------------|--------------------|---------------------|------------------------|
| SIEVING ERROR: 0.3% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: PEN-92-2_75 | | | ANALYST & DATE: TB/RM, 8/23/92 | | | |
| SAMPLE TYPE: Bimodal, Moderately Well Sorted | | | TEXTURAL GROUP: Sand | | | |
| SEDIMENT NAME: Moderately Well Sorted Medium Sand | | | | | | |
| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
| MODE 1: | 273.5 | 1.876 | GRAVEL: 0.0% | | COARSE SAND: 7.8% | |
| MODE 2: | 193.5 | 2.375 | SAND: 99.9% | | MEDIUM SAND: 45.8% | |
| MODE 3: | | | MUD: 0.1% | | FINE SAND: 44.0% | |
| D ₁₀ : | 156.6 | 1.082 | | | V FINE SAND: 2.2% | |
| MEDIAN or D ₅₀ : | 257.1 | 1.960 | V COARSE GRAVEL: 0.0% | | V COARSE SILT: 0.1% | |
| D ₉₀ : | 472.4 | 2.675 | COARSE GRAVEL: 0.0% | | COARSE SILT: 0.0% | |
| (D ₉₀ / D ₁₀): | 3.017 | 2.472 | MEDIUM GRAVEL: 0.0% | | MEDIUM SILT: 0.0% | |
| (D ₉₀ - D ₁₀): | 315.8 | 1.593 | FINE GRAVEL: 0.0% | | FINE SILT: 0.0% | |
| (D ₇₅ / D ₂₅): | 1.725 | 1.491 | V FINE GRAVEL: 0.0% | | V FINE SILT: 0.0% | |
| (D ₇₅ - D ₂₅): | 138.6 | 0.786 | V COARSE SAND: 0.1% | | CLAY: 0.0% | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 286.0 | 259.4 | 1.947 | 262.2 | 1.931 | Medium Sand |
| SORTING (σ): | 137.0 | 1.524 | 0.608 | 1.523 | 0.607 | Moderately Well Sorted |
| SKEWNESS (Sk): | 1.824 | 0.394 | -0.394 | 0.088 | -0.088 | Symmetrical |
| KURTOSIS (K): | 7.734 | 3.246 | 3.246 | 1.051 | 1.051 | Mesokurtic |

