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|--|-------------------|---------------|--------------------------------|---------------------|-------------|-------------------|
| SIEVING ERROR: 1.2% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: PEN-92-6_200 | | | ANALYST & DATE: TB/RM, 8/23/92 | | | |
| SAMPLE TYPE: Trimodal, Moderately Sorted | | | TEXTURAL GROUP: Sand | | | |
| SEDIMENT NAME: Moderately Sorted Medium Sand | | | | | | |
| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
| MODE 1: | 273.5 | 1.876 | GRAVEL: 0.0% | COARSE SAND: 25.3% | | |
| MODE 2: | 547.5 | 0.875 | SAND: 100.0% | MEDIUM SAND: 46.8% | | |
| MODE 3: | 193.5 | 2.375 | MUD: 0.0% | FINE SAND: 24.9% | | |
| D ₁₀ : | 158.0 | 0.642 | | V FINE SAND: 2.9% | | |
| MEDIAN or D ₅₀ : | 336.0 | 1.574 | V COARSE GRAVEL: 0.0% | V COARSE SILT: 0.0% | | |
| D ₉₀ : | 640.6 | 2.662 | COARSE GRAVEL: 0.0% | COARSE SILT: 0.0% | | |
| (D ₉₀ / D ₁₀): | 4.054 | 4.143 | MEDIUM GRAVEL: 0.0% | MEDIUM SILT: 0.0% | | |
| (D ₉₀ - D ₁₀): | 482.6 | 2.019 | FINE GRAVEL: 0.0% | FINE SILT: 0.0% | | |
| (D ₇₅ / D ₂₅): | 2.224 | 2.162 | V FINE GRAVEL: 0.0% | V FINE SILT: 0.0% | | |
| (D ₇₅ - D ₂₅): | 276.7 | 1.153 | 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}): | 379.3 | 331.5 | 1.593 | 326.7 | 1.614 | Medium Sand |
| SORTING (σ): | 191.8 | 1.688 | 0.756 | 1.724 | 0.786 | Moderately Sorted |
| SKEWNESS (Sk): | 0.817 | -0.176 | 0.176 | -0.068 | 0.068 | Symmetrical |
| KURTOSIS (K): | 3.259 | 2.269 | 2.269 | 0.880 | 0.880 | Platykurtic |

