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|---|-------------------|---------------|---------------------------------|--------------------|---------------------|------------------------|
| SIEVING ERROR: 0.3% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: PEN-92-1_400 | | | ANALYST & DATE: TB/RM, 8/23/92 | | | |
| SAMPLE TYPE: Bimodal, Moderately Well Sorted | | | TEXTURAL GROUP: Sand | | | |
| SEDIMENT NAME: Moderately Well Sorted Fine Sand | | | | | | |
| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
| MODE 1: | 193.5 | 2.375 | GRAVEL: 0.0% | | COARSE SAND: 1.4% | |
| MODE 2: | 273.5 | 1.876 | SAND: 99.6% | | MEDIUM SAND: 21.5% | |
| MODE 3: | | | MUD: 0.4% | | FINE SAND: 66.3% | |
| D_{10} : | 122.7 | 1.726 | | | V FINE SAND: 10.4% | |
| MEDIAN or D_{50} : | 185.5 | 2.430 | V COARSE GRAVEL: 0.0% | | V COARSE SILT: 0.4% | |
| D_{90} : | 302.4 | 3.027 | COARSE GRAVEL: 0.0% | | COARSE SILT: 0.0% | |
| (D_{90} / D_{10}) : | 2.464 | 1.754 | MEDIUM GRAVEL: 0.0% | | MEDIUM SILT: 0.0% | |
| $(D_{90} - D_{10})$: | 179.7 | 1.301 | FINE GRAVEL: 0.0% | | FINE SILT: 0.0% | |
| (D_{75} / D_{25}) : | 1.611 | 1.336 | V FINE GRAVEL: 0.0% | | V FINE SILT: 0.0% | |
| $(D_{75} - D_{25})$: | 91.60 | 0.688 | V COARSE SAND: 0.0% | | CLAY: 0.0% | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 206.2 | 190.7 | 2.391 | 189.7 | 2.398 | Fine Sand |
| SORTING (σ): | 87.70 | 1.457 | 0.543 | 1.448 | 0.534 | Moderately Well Sorted |
| SKEWNESS (Sk): | 1.885 | 0.346 | -0.346 | 0.122 | -0.122 | Coarse Skewed |
| KURTOSIS (K): | 8.414 | 3.717 | 3.717 | 1.078 | 1.078 | Mesokurtic |

