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|--|-------------------|---------------|---------------------------------|--------------------|---------------------|-------------|
| SIEVING ERROR: 0.0% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: PEN-92-6_75 | | | ANALYST & DATE: TB/RM, 8/23/92 | | | |
| SAMPLE TYPE: Bimodal, Well Sorted | | | TEXTURAL GROUP: Sand | | | |
| SEDIMENT NAME: Well Sorted Medium Sand | | | | | | |
| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
| MODE 1: | 273.5 | 1.876 | GRAVEL: 0.0% | | COARSE SAND: 1.1% | |
| MODE 2: | 193.5 | 2.375 | SAND: 100.0% | | MEDIUM SAND: 58.1% | |
| MODE 3: | | | MUD: 0.0% | | FINE SAND: 38.2% | |
| D_{10} : | 154.0 | 1.466 | | | V FINE SAND: 2.4% | |
| MEDIAN or D_{50} : | 263.7 | 1.923 | V COARSE GRAVEL: 0.0% | | V COARSE SILT: 0.0% | |
| D_{90} : | 362.0 | 2.699 | COARSE GRAVEL: 0.0% | | COARSE SILT: 0.0% | |
| (D_{90} / D_{10}) : | 2.351 | 1.841 | MEDIUM GRAVEL: 0.0% | | MEDIUM SILT: 0.0% | |
| $(D_{90} - D_{10})$: | 208.0 | 1.233 | FINE GRAVEL: 0.0% | | FINE SILT: 0.0% | |
| (D_{75} / D_{25}) : | 1.595 | 1.398 | V FINE GRAVEL: 0.0% | | V FINE SILT: 0.0% | |
| $(D_{75} - D_{25})$: | 115.3 | 0.674 | V COARSE SAND: 0.2% | | CLAY: 0.0% | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 264.4 | 248.4 | 2.009 | 247.9 | 2.012 | Fine Sand |
| SORTING (σ): | 96.72 | 1.407 | 0.493 | 1.401 | 0.487 | Well Sorted |
| SKEWNESS (Sk): | 2.329 | -0.041 | 0.041 | -0.236 | 0.236 | Fine Skewed |
| KURTOSIS (K): | 18.02 | 3.644 | 3.644 | 0.977 | 0.977 | Mesokurtic |

