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|---|-------------------|---------------|--------------------------------|--------------------|---------------------|------------------------|
| SIEVING ERROR: 0.4% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: AL-91-16_328 | | | ANALYST & DATE: TB/RM, 8/20/91 | | | |
| 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: 2.6% | |
| MODE 2: | 273.5 | 1.876 | SAND: 99.8% | | MEDIUM SAND: 25.3% | |
| MODE 3: | | | MUD: 0.2% | | FINE SAND: 62.9% | |
| D ₁₀ : | 131.8 | 1.623 | | | V FINE SAND: 6.9% | |
| MEDIAN or D ₅₀ : | 201.8 | 2.309 | V COARSE GRAVEL: 0.0% | | V COARSE SILT: 0.2% | |
| D ₉₀ : | 324.6 | 2.924 | COARSE GRAVEL: 0.0% | | COARSE SILT: 0.0% | |
| (D ₉₀ / D ₁₀): | 2.463 | 1.801 | MEDIUM GRAVEL: 0.0% | | MEDIUM SILT: 0.0% | |
| (D ₉₀ - D ₁₀): | 192.8 | 1.301 | FINE GRAVEL: 0.0% | | FINE SILT: 0.0% | |
| (D ₇₅ / D ₂₅): | 1.601 | 1.352 | V FINE GRAVEL: 0.0% | | V FINE SILT: 0.0% | |
| (D ₇₅ - D ₂₅): | 98.51 | 0.679 | V COARSE SAND: 2.2% | | CLAY: 0.0% | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 245.1 | 213.6 | 2.227 | 204.1 | 2.293 | Fine Sand |
| SORTING (σ): | 180.1 | 1.579 | 0.659 | 1.467 | 0.553 | Moderately Well Sorted |
| SKEWNESS (Sk): | 4.036 | 1.352 | -1.352 | 0.136 | -0.136 | Coarse Skewed |
| KURTOSIS (K): | 21.44 | 6.936 | 6.936 | 1.246 | 1.246 | Leptokurtic |

