

SIEVING ERROR: -0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **030702-17-c**

ANALYST & DATE: ker, 8/24/2004

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Very Well Sorted Medium Sand

| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
|---------------------------------------|-------------------|---------------|-------------------------|---------------------|-------------|------------------|
| MODE 1: | 275.0 | 1.868 | GRAVEL: 0.0% | COARSE SAND: 0.8% | | |
| MODE 2: | | | SAND: 100.0% | MEDIUM SAND: 63.7% | | |
| MODE 3: | | | MUD: 0.0% | FINE SAND: 35.4% | | |
| D ₁₀ : | 209.3 | 1.435 | | V FINE SAND: 0.1% | | |
| MEDIAN or D ₅₀ : | 271.8 | 1.879 | V COARSE GRAVEL: 0.0% | V COARSE SILT: 0.0% | | |
| D ₉₀ : | 369.8 | 2.256 | COARSE GRAVEL: 0.0% | COARSE SILT: 0.0% | | |
| (D ₉₀ / D ₁₀): | 1.767 | 1.572 | MEDIUM GRAVEL: 0.0% | MEDIUM SILT: 0.0% | | |
| (D ₉₀ - D ₁₀): | 160.5 | 0.821 | FINE GRAVEL: 0.0% | FINE SILT: 0.0% | | |
| (D ₇₅ / D ₂₅): | 1.372 | 1.277 | V FINE GRAVEL: 0.0% | V FINE SILT: 0.0% | | |
| (D ₇₅ - D ₂₅): | 86.73 | 0.456 | 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}): | 283.2 | 274.9 | 1.863 | 273.8 | 1.869 | Medium Sand |
| SORTING (σ): | 67.90 | 1.253 | 0.325 | 1.254 | 0.327 | Very Well Sorted |
| SKEWNESS (Sk): | 1.517 | 0.306 | -0.306 | 0.064 | -0.064 | Symmetrical |
| KURTOSIS (K): | 10.61 | 3.950 | 3.950 | 0.979 | 0.979 | Mesokurtic |

GRAIN SIZE DISTRIBUTION