

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **1188-1314 B-II-2 S-7**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
|---------------------------------------|-------------------|---------------|-------------------------|---------------------|-------------|-------------|
| MODE 1: | 302.5 | 1.747 | GRAVEL: 0.1% | COARSE SAND: 1.4% | | |
| MODE 2: | | | SAND: 99.9% | MEDIUM SAND: 55.4% | | |
| MODE 3: | | | MUD: 0.1% | FINE SAND: 41.7% | | |
| D ₁₀ : | 185.5 | 1.506 | | V FINE SAND: 0.7% | | |
| MEDIAN or D ₅₀ : | 263.8 | 1.922 | V COARSE GRAVEL: 0.0% | V COARSE SILT: 0.0% | | |
| D ₉₀ : | 352.1 | 2.430 | COARSE GRAVEL: 0.0% | COARSE SILT: 0.0% | | |
| (D ₉₀ / D ₁₀): | 1.898 | 1.614 | MEDIUM GRAVEL: 0.0% | MEDIUM SILT: 0.0% | | |
| (D ₉₀ - D ₁₀): | 166.6 | 0.924 | FINE GRAVEL: 0.0% | FINE SILT: 0.0% | | |
| (D ₇₅ / D ₂₅): | 1.484 | 1.343 | V FINE GRAVEL: 0.1% | V FINE SILT: 0.0% | | |
| (D ₇₅ - D ₂₅): | 103.1 | 0.570 | V COARSE SAND: 0.6% | CLAY: 0.0% | | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 283.0 | 262.4 | 1.930 | 259.3 | 1.947 | Medium Sand |
| SORTING (σ): | 136.6 | 1.386 | 0.471 | 1.329 | 0.410 | Well Sorted |
| SKEWNESS (Sk): | 7.611 | 0.174 | -0.174 | -0.045 | 0.045 | Symmetrical |
| KURTOSIS (K): | 100.5 | 17.82 | 17.82 | 1.017 | 1.017 | Mesokurtic |

GRAIN SIZE DISTRIBUTION